
SERVICE MANUAL

COLOR MONITOR **MultiSync® LCD2080UX**

MODELS LCD2080UX (A)/-BK(A)/(B)/-BK(B)

This models produced at two bases.

- Product made from NMV Nagasaki factory.
- Product made from NPG china factory.

Prior to the repair servicing, confirm the serial number of the unit, without fail.

Refer to Chapter 2 SERIAL NUMBER INFORMATION.

The factory code of the serial number is [E]: NMV Nagasaki factory

The factory code of the serial number is [Y]: NPG china factory

2nd Edition

NEC-MITSUBISHI ELECTRIC VISUAL SYSTEMS CORPORATION
AUGUST 2003

200311
08EV10A1 08EV20A1
08EV10B1 08EV20B1



WARNING

The SERVICE PERSONNEL should have the appropriate technical training, knowledge and experience necessary to:

- Be familiar with specialized test equipment, and
- Be careful to follow all safety procedures to minimize danger to themselves and their coworkers.

To avoid electrical shocks, this equipment should be used with an appropriate power cord.

This equipment utilized a micro-gap power switch. Turn off the set by first pushing power switch. Next, remove the power cord from the AC outlet.

To prevent fire or shock hazards, do not expose this unit to rain or moisture.



This symbol warns the personnel that un-insulated voltage within the unit may have sufficient magnitude to cause electric shock.



This symbol alerts the personnel that important literature concerning the operation and maintenance of this unit has been included.

Therefore, it should be read carefully in order to avoid any problems.



PRODUCT SAFETY CAUTION

1. When parts replacement is required for servicing, always use the manufacturer's specified replacement.
2. When replacing the component, always be certain that all the components are put back in the place.
3. As for a connector, pick and extract housing with fingers properly since a disconnection and improper contacts may occur, when wires of the connector are led.
4. Use a proper screwdriver. If you use screwdriver that does not fit, you may damage the screws.

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User's Manual

1. A Version



NEC





USER'S MANUAL





MultiSync® LCD2080UX™

To learn about other special offers, register online at www.necmitsubishi.com/productregistration

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	WARNING	
<p>TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE. ALSO, DO NOT USE THIS UNIT'S POLARIZED PLUG WITH AN EXTENSION CORD RECEPTACLE OR OTHER OUTLETS UNLESS THE PRONGS CAN BE FULLY INSERTED.</p> <p>REFRAIN FROM OPENING THE CABINET AS THERE ARE HIGH VOLTAGE COMPONENTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>		

	CAUTION	
<p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, MAKE SURE POWER CORD IS UNPLUGGED FROM WALL SOCKET. TO FULLY DISENGAGE THE POWER TO THE UNIT, PLEASE DISCONNECT THE POWER CORD FROM THE AC OUTLET. DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>		
	<p>This symbol warns user that uninsulated voltage within the unit may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any part inside this unit.</p>	
	<p>This symbol alerts the user that important literature concerning the operation and maintenance of this unit has been included. Therefore, it should be read carefully in order to avoid any problems.</p>	

Canadian Department of Communications Compliance Statement

DOC: This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

C-UL: Bears the C-UL Mark and is in compliance with Canadian Safety Regulations according to CAN/CSA C22.2 No. 60950.

FCC Information

1. Use the attached specified cables with the MultiSync LCD2080UX™ color monitor so as not to interfere with radio and television reception.
 - (1) Please use the supplied power cord or equivalent to ensure FCC compliance.
 - (2) Please use the supplied shielded video signal cable, 15-pin mini D-SUB to DVI-A cable or DVI-D to DVI-D cable.

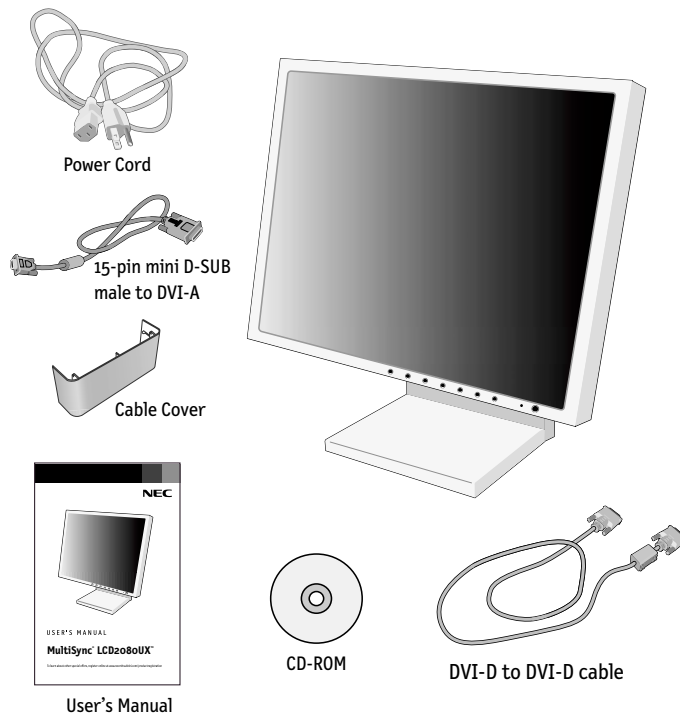
Use of other cables and adapters may cause interference with radio and television reception.
2. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult your dealer or an experienced radio/TV technician for help.

If necessary, the user should contact the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet, prepared by the Federal Communications Commission, helpful: "How to Identify and Resolve Radio-TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-00345-4.

Contents

Your new NEC MultiSync® LCD monitor box* should contain the following:

- MultiSync LCD2080UX™ monitor with tilt/swivel/pivot/adjustable stand
- Power Cord
- Video Signal Cable (15-pin mini D-SUB male to DVI-A)
- Video Signal Cable (DVI-D to DVI-D cable)
- User's Manual
- CD-ROM
- Cable cover



** Remember to save your original box and packing material to transport or ship the monitor.*

Quick Start

To attach the MultiSync® LCD monitor to your system, follow these instructions:

1. Turn off the power to your computer.
2. For the PC or MAC with DVI digital output: Connect the DVI signal cable to the connector of the display card in your system (**Figure A.1**). Tighten all screws.

For the PC with Analog output: Connect the 15-pin mini D-SUB to DVI-A signal cable to the connector of the display card in your system (**Figure A.2**).

For the MAC: Connect the MultiSync Macintosh cable adapter to the computer, then attach the 15-pin mini D-SUB signal cable to the MultiSync Macintosh cable adapter (**Figure B.1**).

NOTE: Some Macintosh systems do not require a Macintosh cable adapter.

NOTE: To obtain the MultiSync Macintosh cable adapter call NEC-Mitsubishi Electronics Display of America, Inc. at (800) 632-4662.

3. Connect the DVI signal cable to the connector on the back of the monitor. Place the video signal cable (**Figure C.1**). Connect the VGA or DVI to Input 2.

NOTE: Incorrect cable connections may result in irregular operation, damage display quality/components of LCD module and/or shorten the module's life.

Collect cables and keep them in the stand by attaching the cable cover. The cable cover can be attached on the front or back side of tilt stand (**Figure C.1, C.2**).

Please check Tilt, Rise and Lower monitor screen and screen rotation when you manage cables.

4. Connect one end of the power cord to the AC inlet on the back of the monitor and the other end to the power outlet (**Figure C.1**).

NOTE: If you use this monitor at AC125-240V, please refer to Recommended Use section of this manual for proper selection of AC power cord.

5. The Vacation Switch on the left side of the monitor must be turned on. Turn on the monitor with the front power button (**Figure D.1**) and the computer.

NOTE: The Vacation Switch is a true on/off switch. If this switch is on the OFF position, the monitor cannot be turned on using the front button. DO NOT switch on/off repeatedly.

6. No-touch auto adjust automatically adjusts the monitor to optimal settings upon initial setup for most timings. For further adjustments, use the following OSM® controls:

- Auto Adjust Contrast (Analog input only)
- Auto Adjust (Analog input only)

Refer to the Controls section of this User's Manual for a full description of these OSM controls.

NOTE: For download information on the Windows® 95/98/Me/2000/XP INF file for your MultiSync LCD2080UX monitor, refer to the **References** section of this User's Manual.

NOTE: If you have any problems, please refer to the **Troubleshooting** section of this User's Manual.

Figure A.1

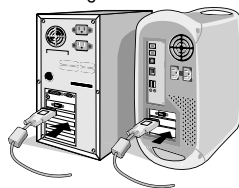
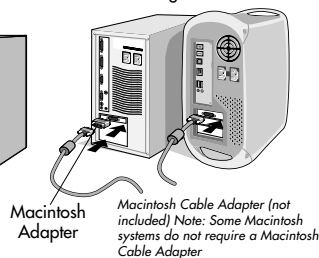


Figure A.2



Figure B.1



Quick Start –continued

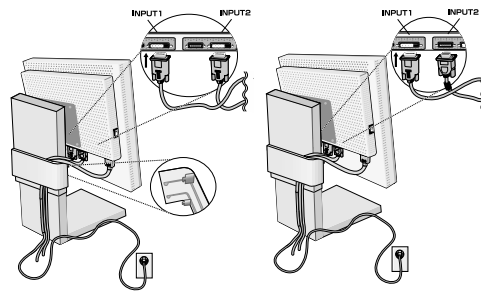
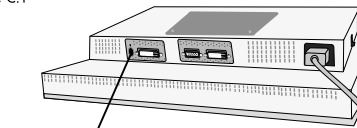


Figure C.1



NEC optional product attachment. Do not use this connector unless specified.

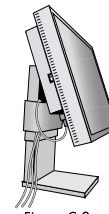


Figure C.2

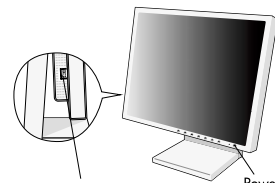


Figure D.1

Raise and Lower Monitor Screen

The monitor may be raised or lowered in either Portrait or Landscape mode. To raise or lower screen, place hands on each side of the monitor and lift or lower to the desired height (**Figure RL.1**).

NOTE: Handle with care when raising or lowering the monitor screen.

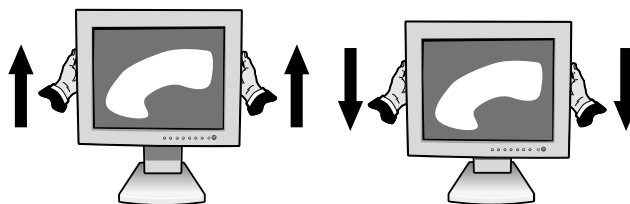


Figure RL.1

Quick Start –continued

Screen Rotation

Before rotating, the screen must be raised to the highest level to avoid knocking the screen on the desk or pinching your fingers. To raise the screen, place hands on each side of the monitor and lift up to the highest position (**Figure RL.1**).

To rotate screen, place hands on each side of the monitor screen and turn clockwise from Landscape to Portrait or counter-clockwise from Portrait to Landscape (**Figure R.1**).

To toggle the orientation of the OSM menu between Landscape and Portrait modes, refer to the “Controls” section, “OSM Rotation” function.

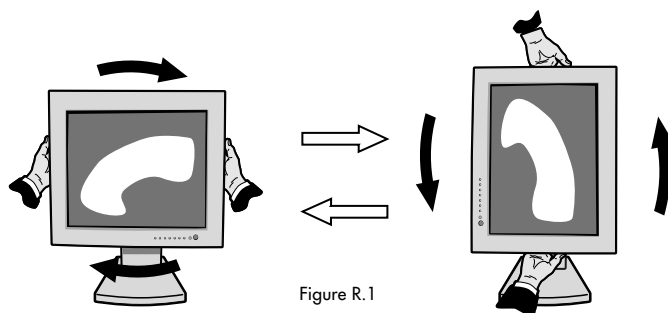


Figure R.1

Tilt

Grasp top and bottom sides of the monitor screen with your hands and adjust the tilt as desired (**Figure TS.1**).

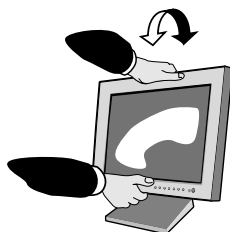


Figure TS.1

Swivel

Grasp both sides of the monitor screen with your hands and adjust the swivel as desired (**Figure TS.2**).



Figure TS.2

NOTE: Handle with care when tilting the monitor screen.

Quick Start –continued

Remove Monitor Stand for Mounting

To prepare the monitor for alternate mounting purposes:

1. Disconnect all cables.
2. Place hands on each side of the monitor and lift up to the highest position.
3. Place monitor face down on a nonabrasive surface. (Place the screen on a 25 mm platform so that the stand is parallel with the surface.) (**Figure S.1**)

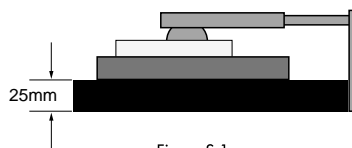


Figure S.1

4. Remove the two top screws connecting the monitor to the stand (**Figure S.2**). Turn the stand to 180° counterclockwise (you will hear two clicks). Remove the screws from the bottom (**Figure S.3**) and lift off the stand. The monitor is now ready for mounting in an alternate manner.
5. Reverse this process to reattach stand: tighten the two bottom screws, turn stand 180° counterclockwise (you will hear two clicks), and tighten two top screws.

NOTE: Use only VESA-compatible alternative mounting method. (100mm pitch)

NOTE: Handle with care when removing monitor stand.

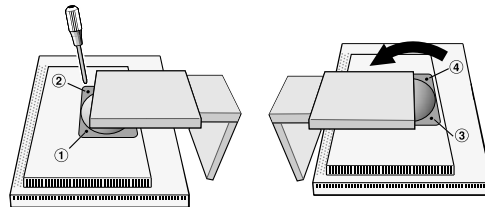


Figure S.2 and Figure S.3

Caution: Use the original screws (4 pcs) when mounting to avoid damage to the monitor and stand. To fulfil the safety requirements the monitor must be mounted to an arm which guarantees the necessary stability under consideration of the weight of the monitor. The LCD monitor should only be used with an approved arm (e.g. GS mark).

Controls

OSM® (On-Screen Manager) control buttons on the front of the monitor function as follows:

To access OSM menu, press any of the control buttons (◀, ▶, -, +).

To change signal input, press the SELECT button.

NOTE: OSM must be closed in order to change signal input.

	Menu
EXIT	Exits the OSM controls. Exits to the OSM main menu.
CONTROL ◀/▶	Moves the highlighted area left/right to select control menus. Moves the highlighted area up/down to select one of the controls.
ADJUST -/+	Moves the bar left/right to increase or decrease the adjustment.
SELECT	Activates the Auto Adjust function. Enter the OSM controls. Enter the OSM sub menu.
RESET	Resets the highlighted control menu to the factory setting.

NOTE: When **RESET** is pressed in the main and sub-menu, a warning window will appear allowing you to cancel the **RESET** function by pressing the **EXIT** button.

☀️ **Brightness/Contrast Controls**



BRIGHTNESS

Adjusts the overall image and background screen brightness.



CONTRAST

Adjusts the image brightness in relation to the background.

AUTO

AUTO CONTRAST (Analog input only)

Adjusts the image displayed for non-standard video inputs.



AUTO BRIGHTNESS

This function adjusts the brightness automatically for the best CONTRAST and BRIGHTNESS setting based on the white display area.

AUTO **Auto Adjust (Analog input only)**

Automatically adjusts the Image Position and H. Size settings and Fine settings.

🖥️ **Image Controls**



LEFT / RIGHT

Controls Horizontal Image Position within the display area of the LCD.



DOWN / UP

Controls Vertical Image Position within the display area of the LCD.



H.SIZE (Analog input only)

Adjusts the horizontal size by increasing or decreasing this setting.

Should the "AUTO Adjust function" do not give you a satisfactory picture setting, a further tuning can be performed using the "H.Size" function (dot clock). For this a Moiré test pattern could be used. This function may alter the

Controls –continued

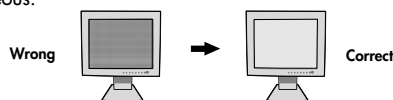
width of the picture. Use left/Right Menu to center the image on the screen. If the H.Size is wrongly calibrated, the result would look like on the left drawing. The image should be homogeneous.



FINE (Analog input only)

Improves focus, clarity and image stability by increasing or decreasing this setting. Should the "Auto Adjust function" and the "H.Size" function do not give you a satisfactory picture setting, a fine tuning can be performed using the "Fine" function. It improves focus, clarity and image stability by increasing or decreasing this setting.

For this a Moiré test pattern could be used. If the Fine value is wrongly calibrated, the result would look like on the left drawing. The image should be homogeneous.



RGB AccuColor® Control Systems

AccuColor® Control Systems: Six color presets select the desired color setting (sRGB and NATIVE color presets are standard and cannot be changed). Color temperature increases or decreases, in each preset. **R,Y,G,C,B,M,S:** Increases or decreases Red, Yellow, Green, Cyan, Blue, Magenta and Saturation depending upon which is selected. The change in color will appear on screen and the direction (increase or decrease) will be shown by the color bars.

NATIVE: Original color presented by the LCD panel that is unadjustable.

Tools 1

SHARPNESS: This function is digitally capable to keep crisp image at any timings. It is continuously adjustable to get distinct image or soft one as you prefer, and set independently by different timings.

The number of adjustment steps is different depending on whether EXPANSION Mode is OFF, FULL or ASPECT (1600 x 1200 is OFF Mode).

EXPANSION MODE: Sets the zoom method.

FULL: The image is expanded to 1600 x 1200, regardless of the resolution.

ASPECT: The image is expanded without changing the aspect ratio.

OFF: The image is not expanded.

Controls –continued

CUSTOM (Digital input and Resolution of 1600 x 1200 only): Select one of nine expansion rates. In this mode the resolution may be low and there may be blank areas. This mode is for use with special video cards.



VIDEO DETECT: Selects the method of video detection when more than one computer is connected.

FIRST DETECT: The video input has to be switched to “FIRST DETECT” mode. When current video input signal is not present, then the monitor searches for a video signal from the other video input port. If the video signal is present in the other port, then the monitor switches the video source input port to the new found video source automatically. The monitor will not look for other video signals while the current video source is present.

LAST DETECT: The video input has to be switched to the “LAST DETECT” mode. When the monitor is displaying a signal from the current source and a new secondary source is supplied to the monitor, then the monitor will automatically switch to the new video source. When current video input signal is not present, then the monitor searches for a video signal from the other video input port. If the video signal is present in the other port, then the monitor switches the video source input port to the new found video source automatically.

NONE: The Monitor will not search the other video input port unless the monitor is turned on.



DVI SELECTION: This function selects the DVI input mode (Input 1). When the DVI selection has been change, you must restart your computer.

AUTO: By using the DVI-D to DVI-D cable, the DVI SELECTION is DIGITAL. By using the D-SUB to DVI-A cable, the DVI SELECTION is ANALOG.

DIGITAL: DVI digital input is available.

ANALOG: DVI analog input is available.

NOTE: Depending on the PC/Video card or video signal cable used, this function may not operate.



OFF TIMER: Monitor will automatically power-down when the end user has selected a predetermined amount of time.

Tools 2



LANGUAGE: OSM control menus are available in seven languages.



OSM POSITION: You can choose where you would like the OSM control image to appear on your screen. Selecting OSM Location allows you to manually adjust the position of the OSM control menu left, right, down or up.



OSM TURN OFF: The OSM control menu will stay on as long as it is use. In the OSM Turn Off submenu, you can select how long the monitor waits after the last touch of a button to shut off the OSM control menu. The preset choices are 10, 20, 30, 45, 60 and 120 seconds.



OSM LOCK OUT: This control completely locks out access to all OSM control

Controls –continued

functions. When attempting to activate OSM controls while in the Lock Out mode, a screen will appear indicating the OSM controls are locked out. To activate the OSM Lock Out function, press SELECT, then + key and hold down simultaneously. To deactivate the OSM Lock Out, press SELECT, then + key and hold down simultaneously.



OSM ROTATION: To rotate OSM between Landscape and Portrait modes.



RESOLUTION NOTIFIER: This optimal resolution is 1600 x 1200. If ON is selected, a message will appear on the screen after 30 seconds, notifying you that the resolution is not at 1600 x 1200.



HOT KEY: You can adjust the brightness and contrast directly. When this function is set to ON, you can adjust the brightness with ◀ or ▶, contrast with + or - key, while the OSM menu is off.



FACTORY PRESET: Selecting Factory Preset allows you to reset most OSM control settings back to the factory settings. Individual settings can be reset by highlighting the control to be reset and pressing the RESET button.



Information

DISPLAY MODE: Provides information about the current resolution display and technical data including the preset timing being used and the horizontal and vertical frequencies. Increases or decreases the current resolution.



MONITOR INFO: Indicates the model and serial numbers of your monitor.

OSM Warning: OSM Warning menus disappear with Exit button.

NO SIGNAL: This function gives a warning when there is no Horizontal or Vertical Sync. After power is turned on or when there is a change of input signal, the **No Signal** window will appear.

RESOLUTION NOTIFIER: This function gives a warning of use with optimized resolution. After power is turned on or when there is a change of input signal or the video signal doesn't have proper resolution, the **Resolution Notifier** window will open. This function can be disabled in the TOOL menu.

OUT OF RANGE: This function gives a recommendation of the optimized resolution and refresh rate. After the power is turned on or there is a change of input signal or the video signal doesn't have proper timing, the **Out Of Range** menu will appear.

NOTE: If "  CHANGE DVI SELECTION" is displayed, switch to DVI SELECTION.

For advanced user menu see "Appendix".

Recommended Use

Safety Precautions and Maintenance



FOR OPTIMUM PERFORMANCE, PLEASE NOTE THE FOLLOWING WHEN SETTING UP AND USING THE MULTISYNC® LCD COLOR MONITOR:



- **DO NOT OPEN THE MONITOR.** There are no user serviceable parts inside and opening or removing covers may expose you to dangerous shock hazards or other risks. Refer all servicing to qualified service personnel.
- Do not spill any liquids into the cabinet or use your monitor near water.
- Do not insert objects of any kind into the cabinet slots, as they may touch dangerous voltage points, which can be harmful or fatal or may cause electric shock, fire or equipment failure.
- Do not place any heavy objects on the power cord. Damage to the cord may cause shock or fire.
- Do not place this product on a sloping or unstable cart, stand or table, as the monitor may fall, causing serious damage to the monitor.
- When operating the MultiSync LCD monitor with its AC 125-240V power supply, use a power supply cord that matches the power supply voltage of the AC power outlet being used. The power supply cord you use must have been approved by and comply with the safety standards of your country. (Type H05VV-F should be used in Europe)
- In UK, use a BS-approved power cord with molded plug having a black (5A) fuse installed for use with this monitor. If a power cord is not supplied with this monitor, please contact your supplier.
- Do not place any objects onto the monitor and do not use the monitor outdoors.
- The inside of the fluorescent tube located within the LCD monitor contains mercury. Please follow the bylaws or rules of your municipality to dispose of the tube properly.

Immediately unplug your monitor from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the monitor.
- If the monitor has been exposed to rain or water.
- If the monitor has been dropped or the cabinet damaged.
- If the monitor does not operate normally by following operating instructions.
- Do not bend power cord.
- Do not use monitor in high temperature, humid, dusty, or oily areas.
- If glass is broken, handle with care.
- Do not cover vent on monitor.
- If monitor or glass is broken, do not come in contact with the liquid crystal and handle with care.



CAUTION

- Allow adequate ventilation around the monitor so that heat can properly dissipate. Do not block ventilated openings or place the monitor near a radiator or other heat sources. Do not put anything on top of monitor.
- The power cable connector is the primary means of detaching the system from the power supply. The monitor should be installed close to a power outlet which is easily accessible.
- Handle with care when transporting. Save packaging for transporting.

Image Persistence

Image persistence is when a residual or "ghost" image of a previous image remains visible on the screen. Unlike CRT monitors, LCD monitors' image persistence is not permanent, but constant images being displayed for a long period of time should be avoided.

To alleviate image persistence, turn off the monitor for as long as the previous image was displayed. For example, if an image was on the monitor for one hour and a residual image remains, the monitor should be turned off for one hour to erase the image.

NOTE: As with all personal display devices, NEC-Mitsubishi Electronics Display recommends using a moving screen saver at regular intervals whenever the screen is idle or turning off the monitor when not in use.

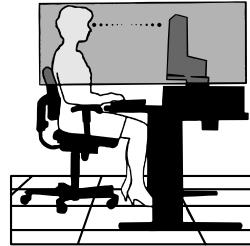
Recommended Use –continued



CORRECT PLACEMENT AND ADJUSTMENT OF THE MONITOR CAN REDUCE EYE, SHOULDER AND NECK FATIGUE. CHECK THE FOLLOWING WHEN YOU POSITION THE MONITOR:



- For optimum performance, allow 20 minutes for warm-up.
- Adjust the monitor height so that the top of the screen is at or slightly below eye level. Your eyes should look slightly downward when viewing the middle of the screen.
- Position your monitor no closer than 16 inches and no further away than 28 inches from your eyes. The optimal distance is 20 inches.
- Rest your eyes periodically by focusing on an object at least 20 feet away. Blink often.
- Position the monitor at a 90° angle to windows and other light sources to minimize glare and reflections. Adjust the monitor tilt so that ceiling lights do not reflect on your screen.
- If reflected light makes it hard for you to see your screen, use an antiglare filter.
- Clean the LCD monitor surface with a lint-free, non-abrasive cloth. Avoid using any cleaning solution or glass cleaner!
- Adjust the monitor's brightness and contrast controls to enhance readability.
- Use a document holder placed close to the screen.
- Position whatever you are looking at most of the time (the screen or reference material) directly in front of you to minimize turning your head while you are typing.
- Avoid displaying fixed patterns on the monitor for long periods of time to avoid image persistence (after-image effects).
- Get regular eye checkups.



Ergonomics

To realize the maximum ergonomics benefits, we recommend the following:

- Adjust the Brightness until the background raster disappears
- Do not position the Contrast control to its maximum setting
- Use the preset Size and Position controls with standard signals
- Use the preset Color Setting
- Use non-interlaced signals with a vertical refresh rate more than 60Hz
- Do not use primary color blue on a dark background, as it is difficult to see and may produce eye fatigue to insufficient contrast

For more detailed information on setting up a healthy work environment, write the American National Standard for Human Factors Engineering of Visual Display Terminal Workstations – ANSI-HFS Standard No. 100-1988 – The Human Factors Society, Inc. P.O. Box 1369, Santa Monica, California 90406.

Specifications

Monitor Specifications		MultiSync® LCD2080UX Monitor	Notes
LCD Module	Diagonal: Viewable Image Size: Native Resolution (Pixel Count):	20.1 inch 20.1 inch 1600x1200	Active matrix; thin film transistor (TFT) liquid crystal display (LCD); 0.255 mm dot pitch; 250cd/m ² white luminance; XtraView™ technology; 350:1 contrast ratio, typical
Input Signal	Video: Sync:	ANALOG 0.7 Vp-p/75 Ohms Separate sync. TTL Level Horizontal sync. Positive/Negative Vertical sync. Positive/Negative Composite sync. Positive/Negative Sync on Green (Video 0.7Vp-p and Sync Negative 0.3V p-p)	Digital Input: DVI
Display Colors		16,777,216	Depends on display card used.
Synchronization Range	Horizontal: Vertical:	31.5 kHz to 91.1 kHz 50.0 Hz to 85.0 Hz	Automatically Automatically
Viewing Angle	Left/Right: Up/Down:	±88° (CR>10) ±88° (CR>10)	
Image Formation Time		25ms (Typ.)	
Resolutions Supported	Landscape: Portrait:	720 x 400* ¹ :VGA text 640 x 480* ¹ at 60 Hz to 85 Hz 800 x 600* ¹ at 56 Hz to 85 Hz 832 x 624* ¹ at 75 Hz 1024 x 768* ¹ at 60 Hz to 85 Hz 1152 x 870* ¹ at 75Hz 1280 x 1024* ¹ at 60 Hz to 85 Hz 1600 x 1200 at 60 Hz 480 x 640* ¹ at 60 Hz to 85 Hz 600 x 800* ¹ at 56 Hz to 85 Hz 624 x 832* ¹ at 75 Hz 768 x 1024* ¹ at 60 Hz to 85 Hz 870 x 1152* ¹ at 75 Hz 1024 x 1280* ¹ at 60 Hz to 85 Hz 1200 x 1600 at 60 Hz	Some systems may not support all modes listed. NEC-Mitsubishi Electronics Display cites recommended resolution for optimal display performance. Some systems may not support all modes listed. NEC-Mitsubishi Electronics Display cites recommended resolution for optimal display performance.
Active Display Area	Landscape : Horiz. : Vert. : Portrait : Horiz. : Vert. :	408 mm/16.1 inches 306 mm/12.0 inches 306 mm/12.0 inches 408 mm/16.1 inches	
Power Supply		100 - 240 V ~ 50/60 Hz	
Current Rating		0.7 - 0.35A	
Dimensions	Landscape: Portrait: Height Adjustment:	442.0 mm (W) x 366.3 - 496.3 mm (H) x 200 mm (D) 17.4 inches (W) x 14.4 - 19.5 inches (H) x 7.9 inches (D) 340 mm (W) x 458.3 - 547.3 mm (H) x 200 mm (D) 13.4 inches (W) x 18.0 - 21.5 inches (H) x 7.9 inches (D) 130 mm / 5.1 inches (Landscape)	
Weight		10.5 kg 23.1 lbs	
Environmental Considerations	Operating Temperature: Humidity: Feet: Storage Temperature: Humidity: Feet:	5°C to 35°C/41°F to 95°F 30% to 80% 0 to 12,000 Feet -10°C to 60°C/14°F to 140°F 10% to 85% 0 to 40,000 Feet	

*¹ Interpolated Resolutions: When resolutions are shown that are lower than the pixel count of the LCD module, text may appear different. This is normal and necessary for all current flat panel technologies when displaying non-native resolutions full screen. In flat panel technologies, each dot on the screen is actually one pixel, so to expand resolutions to full screen, an interpolation of the resolution must be done.

NOTE: Technical specifications are subject to change without notice.

Features

ambix® Technology: Dual input technology allowing both analog and digital inputs off of one connector (DVI-I) as well as additional legacy analog support off of a traditional 15-pin VGA connector. Provides traditional MultiSync® technology compatibility for analog as well as DVI-based digital compatibility for digital inputs. DVI-based digital interfaces include DVI-D, DFP and P&D.

DVI-I: The integrated interface ratified by the Digital Display Working Group (DDWG) that allows both digital and analog connectors off of one port. The "I" stands for integration for both digital and analog. The digital portion is DVI-based.

DVI-D: The digital-only subset of DVI ratified by the Digital Display Working Group (DDWG) for digital connections between computers and displays. As a digital-only connector, analog support is not provided off a DVI-D connector. As a DVI-based digital only connection, only a simple adapter is necessary for compatibility between DVI-D and other DVI-based digital connectors such as DFP and P&D.

DFP (Digital Flat Panel): An all-digital interface for flat panel monitors which is signal compatible with DVI. As a DVI-based digital only connection, only a simple adapter is necessary for compatibility between DFP and other DVI-based digital connectors such as DVI and P&D.

P&D (Plug and Display): The VESA standard for digital flat panel monitor interfaces. It is more robust than DFP since it allows for other options off a signal connector (options like USB, analog video and IEEE-1394-995). The VESA committee has recognized that DFP is a subset of P&D. As a DVI-based connector (for the digital input pins), only a simple adapter is necessary for compatibility between P&D and other DVI-based digital connectors such as DVI and DFP.

Pivoting Stand: Allows users to adjust the monitor to the orientation that best fits their application, either Landscape orientation for wide documents, or portrait orientation for the ability to preview a full page on one screen at one time. The Portrait orientation is also perfect for full screen video conferencing.

Reduced Footprint: Provides the ideal solution for environments requiring superior image quality but with size and weight limitations. The monitor's small footprint and low weight allow it to be moved or transported easily from one location to another.

AccuColor® Control Systems: Six color presets select the desired color setting (sRGB and NATIVE color presets are standard and cannot be changed). Color temperature increases or decreases, in each preset. R,Y,G,C,B,M,S: Increases or decreases Red, Yellow, Green, Cyan, Blue, Magenta and Saturation depending upon which is selected. The change in color will appear on screen and the direction (increase or decrease) will be shown by the color bars. NATIVE: Original color presented by the LCD panel that is unadjustable.

OSM® (On-Screen Manager) Controls: Allow you to quickly and easily adjust all elements of your screen image via simple to use on-screen menus.

ErgoDesign® Features: Enhance human ergonomics to improve the working environment, protect the health of the user and save money. Examples include OSM controls for quick and easy image adjustments, tilt base for preferred angle of vision, small footprint and compliance with MPRII and TCO guidelines for lower emissions.

Plug and Play: The Microsoft® solution with the Windows®95/98/2000/Me/XP operating system facilitates setup and installation by allowing the monitor to send its capabilities

Features –continued

(such as screen size and resolutions supported) directly to your computer, automatically optimizing display performance.

IPM® (Intelligent Power Manager) System: Provides innovative power-saving methods that allow the monitor to shift to a lower power consumption level when on but not in use, saving two-thirds of your monitor energy costs, reducing emissions and lowering the air conditioning costs of the workplace.

Multiple Frequency Technology: Automatically adjusts monitor to the display card's scanning frequency, thus displaying the resolution required.

FullScan® Capability: Allows you to use the entire screen area in most resolutions, significantly expanding image size.

XtraView+™ Wide Viewing Angle Technology: Allows the user to be able to see the monitor from any angle (176 degrees) from any orientation — Portrait or Landscape. Provides full 176° viewing angles either up, down, left or right.

VESA Standard Mounting Interface: Allows users to connect their MultiSync monitor to any VESA standard third party mounting arm or bracket. Allows for the monitor to be mounted on a wall or an arm using any third party compliant device.

Ultra-thin-frame design allows you to view more of your ideas and less of the monitor bezel, while freeing up more horizontal and vertical desktop space for multiple-monitor applications.

NaViSet™ software offers an expanded and intuitive graphical interface, allowing you to more easily adjust OSM display settings via mouse and keyboard.

CableComp™ automatic long cable compensation prevents image quality degradation caused by long cable lengths.

Advanced No Touch Auto Adjust™ provides optimal image settings upon initial power-on and closed signal changes.

Rapid Response™ delivers virtually uninterrupted, undistorted viewing of full-motion video applications.

sRGB Color Control: A new optimized color management standard which allows for color matching on computer displays and other peripherals. The sRGB, which is based on the calibrated color space, allows for optimal color representation and backward compatibility with other common color standards.

Pivot capability and adjustable stand add flexibility to your viewing preferences.

OSM Display Screen Copyright 2002 by
NEC-Mitsubishi Electronics Display of America, Inc.

Troubleshooting

No picture

- The signal cable should be completely connected to the display card/computer.
- The display card should be completely seated in its slot.
- Check the Vacation Switch should be in the ON position.
- Front Power Switch and computer power switch should be in the ON position.
- Check to make sure that a supported mode has been selected on the display card or system being used. (Please consult display card or system manual to change graphics mode.)
- Check the monitor and your display card with respect to compatibility and recommended settings.
- Check the signal cable connector for bent or pushed-in pins.
- Check the signal input, "INPUT 1" or "INPUT 2".

Power Button does not respond

- Unplug the power cord of the monitor from the AC outlet to turn off and reset the monitor.
- Check the Vacation Switch on the right side of the monitor.

Image Persistence

- Image persistence is when a residual or "ghost" image of a previous image remains visible on the screen. Unlike CRT monitors, LCD monitors' image persistence is not permanent, but constant images being displayed for a long period of time should be avoided. To alleviate image persistence, turn off the monitor for as long as the previous image was displayed. For example, if an image was on the monitor for one hour and a residual image remains, the monitor should be turned off for one hour to erase the image.

NOTE: As with all personal display devices, NEC-Mitsubishi Electronics Display recommends using a moving screen saver at regular intervals whenever the screen is idle or turning off the monitor when not in use.

Message "OUT OF RANGE" is displayed (screen is either blank or shows rough images only)

- Image is displayed only roughly (pixels are missing) and OSM warning "OUT OF RANGE" is displayed. Either signal clock or resolution is too high. Choose one of the supported modes.
- OSM warning "OUT OF RANGE" is displayed on a blank screen: Signal frequency is out of range. Choose one of the supported modes.

Image is unstable, unfocused or swimming is apparent

- Signal cable should be completely attached to the computer.
- Use the OSM Image Adjust controls to focus and adjust display by increasing or decreasing the fine total. When the display mode is changed, the OSM Image Adjust settings may need to be readjusted.
- Check the monitor and your display card with respect to compatibility and recommended signal timings.
- If your text is garbled, change the video mode to non-interlace and use 60Hz refresh rate.

LED on monitor is not lit (no green or amber color can be seen)

- Power Switch should be in the ON position and power cord should be connected.

Display image is not sized properly

- Use the OSM Image Adjust controls to increase or decrease the Coarse total.
- Check to make sure that a supported mode has been selected on the display card or system being used. (Please consult display card or system manual to change graphics mode.)

No Video

- If no video is present on the screen, turn the Power button off and on again.
- Make certain the computer is not in a power-saving mode (touch the keyboard or mouse).

No tilt

- Rotate the screen to 90° clockwise until you hear one click.
- Refer to the Quick Start section, "Remove monitor stand for mounting" to insure correct installation of stand.

References

NEC-Mitsubishi Monitor Customer Service & Support

Customer Service and Technical Support: (800)632-4662

Fax: (800) 695-3044

Parts and Accessories/Macintosh

Cable Adapter: (888) NEC-MITS [888-632-6487]

Customer Service Policies & Processes: <http://www.necmitsubishi.com/css/ServicePolicies/ServicePolicies.htm>

Online Technical Support

Knowledge Base: <http://www.necmitsubishi.com/css/knowledgebase.cfm>

Customer Service & Technical

Support Email: <http://www.necmitsubishi.com/css/techform.htm>

Sales and Product Information

Sales Information Line: (888) NEC-MITS [888-632-6487]

Canadian Customers: (866) 771-0266, Ext#: 4037

Government Sales: (800) 284-6320

Government Sales email: gov@necmitsubishi.com

Rebate Status Information

NEC Rebate Status: www.rebatesHQ.com or 866-765-5696

Mitsubishi Rebate Status: www.rebatesHQ.com or 877-405-4692

Electronic Channels

World Wide Web: <http://www.necmitsubishi.com>

Product Registration: <http://www.necmitsubishi.com/productregistration>

European Operations: <http://www.nec-mitsubishi.com>

Windows® 95/98/Me/2000/XP INF File: <http://www.necmitsubishi.com> and select "Drivers and Downloads"

Limited Warranty

NEC-Mitsubishi Electronics Display of America, Inc. (hereinafter "NMD-A") warrants this Product to be free from defects in material and workmanship and, subject to the conditions set forth below, agrees to repair or replace (at NMD-A's sole option) any part of the enclosed unit which proves defective for a period of three (3) years from the date of first consumer purchase. Spare parts are warranted for ninety (90) days. Replacement parts or unit may be new or refurbished and will meet specifications of the original parts or unit.

This warranty gives you specific legal rights and you may also have other rights, which vary from state to state. This warranty is limited to the original purchaser of the Product and is not transferable. This warranty covers only NMD-A-supplied components. Service required as a result of third party components is not covered under this warranty. In order to be covered under this warranty, the Product must have been purchased in the U.S.A. or Canada by the original purchaser. This warranty only covers Product distribution in the U.S.A. or Canada by NMD-A. No warranty service is provided outside of the U.S.A. or Canada. Proof of Purchase will be required by NMD-A to substantiate date of purchase. Such proof of purchase must be an original bill of sale or receipt containing name and address of seller, purchaser, and the serial number of the product.

It shall be your obligation and expense to have the Product shipped, freight prepaid, or delivered to the authorized reseller from whom it was purchased or other facility authorized by NMD-A to render the services provided hereunder in either the original package or a similar package affording an equal degree of protection. All Products returned to NMD-A for service MUST have prior approval, which may be obtained by calling 1-800-632-4662. The Product shall not have been previously altered, repaired, or serviced by anyone other than a service facility authorized by NMD-A to render such service, the serial number of the product shall not have been altered or removed. In order to be covered by this warranty the Product shall not have been subjected to displaying of fixed images for long periods of time resulting in image persistence (afterimage effects), accident, misuse or abuse or operated contrary to the instructions contained in the User's Manual. Any such conditions will void this warranty.

NMD-A SHALL NOT BE LIABLE FOR DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, OR OTHER TYPES OF DAMAGES RESULTING FROM THE USE OF ANY NMD-A PRODUCT OTHER THAN THE LIABILITY STATED ABOVE. THESE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SOME STATES DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES OR THE LIMITATION OR EXCLUSION OF LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES SO THE ABOVE EXCLUSIONS OR LIMITATIONS MAY NOT APPLY TO YOU.

This Product is warranted in accordance with the terms of this limited warranty. Consumers are cautioned that Product performance is affected by system configuration, software, the application, customer data, and operator control of the system, among other factors. While NMD-A Products are considered to be compatible with many systems, specific functional implementation by the customers of the Product may vary. Therefore, suitability of a Product for a specific purpose or application must be determined by consumer and is not warranted by NMD-A.

For the name of your nearest authorized NEC-Mitsubishi Electronics Display service facility, contact NEC-Mitsubishi Electronics Display of America at 1-800-632-4662.

TCO'95

Black Model

Congratulations! You have just purchased a TCO'95 approved and labeled product! Your choice has provided you with a product developed for professional use. Your purchase has also contributed to reducing the burden on the environment and also, to the further development of environmentally adapted electronics products.



Why do we have environmentally labelled computers?

In many countries, environmental labelling has become an established method for encouraging the adaptation of goods and services to the environment. The main problem, as far as computers and other electronics equipment are concerned, is that environmentally harmful substances are used both in the products and during the manufacturing. Since it has not been possible for the majority of electronics equipment to be recycled in a satisfactory way, most of these potentially damaging substances sooner or later enter Nature.

There are also other characteristics of a computer, such as energy consumption levels, that are important from the viewpoints of both the work (Internal) and natural (external) environments. Since all methods of conventional electricity generation have a negative effect on the environment (acidic and climate-influencing emissions, radioactive waste, etc.), it is vital to conserve energy. Electronics equipment in offices consume an enormous amount of energy since they are often left running continuously.

What does labelling involve?

This product meets the requirements for the TCO'95 scheme which provides for international and environmental labelling of personal computers. The labelling scheme was developed as a joint effort by the TCO (The Swedish Confederation of Professional Employees), Naturskyddsforeningen (The Swedish Society for Nature Conservation) and NUTEK (The National Board for Industrial and Technical Development in Sweden).

The requirements cover a wide range of issues: environment, ergonomics, usability, emission of electrical and magnetic fields, energy consumption and electrical and fire safety.

The environmental demands concern restrictions on the presence and use of heavy metals, brominated and chlorinated flame retardants, CFCs (freons) and chlorinated solvents, among other things. The product must be prepared for recycling and the manufacturer is obliged to have an environmental plan which must be adhered to in each country where the company implements its operational policy. The energy requirements include a demand that the computer and/or display, after a certain period of inactivity, shall reduce its power consumption to a lower level in one or more stages. The length of time to reactivate the computer shall be reasonable for the user.

Labelled products must meet strict environmental demands, for example, in respect of the reduction of electric and magnetic fields, physical and visual ergonomics and good usability.

TCO'95 is a co-operative project between TCO (The Swedish Confederation of Professional Employees), Naturskyddsforeningen (The Swedish Society for Nature Conservation) and NUTEK (The National Board for Industrial and Technical Development in Sweden).

Environmental Requirements

Brominated flame retardants

Brominated flame retardants are present in printed circuit boards, cables, wires, casings and housings. In turn, they delay the spread of fire. Up to thirty percent of the plastic in a computer casing can consist of flame retardant substances. These are related to another group of environmental toxins, PCBs, which are suspected to give rise to similar harm, including

TCO'95 –continued

reproductive damage in fish-eating birds and mammals, due to the bio-accumulative* processes. Flame retardants have been found in human blood and researchers fear that disturbances in foetus development may occur.

TCO'95 demand requires that plastic components weighing more than 25 grams must not contain organically bound chlorine and bromine.

Lead**

Lead can be found in picture tubes, display screens, solders and capacitors. Lead damages the nervous system and in higher doses, causes lead poisoning.

TCO'95 requirement permits the inclusion of lead since no replacement has yet been developed.

Cadmium**

Cadmium is present in rechargeable batteries and in the colour-generating layers of certain computer displays. Cadmium damages the nervous system and is toxic in high doses.

TCO'95 requirement states that batteries may not contain more than 25 ppm (parts per million) of cadmium. The colour-generating layers of display screens must not contain any cadmium.

Mercury**

Mercury is sometimes found in batteries, relays, switches, and back-light systems. Mercury damages the nervous system and is toxic in high doses.

TCO'95 requirement states that batteries may not contain more than 25 ppm (parts per million) of mercury. It also demands that no mercury is present in any of the electrical or electronics components concerned with the display unit, except the back-light system.

CFCs (freons)

CFCs (freons) are sometimes used for washing printed circuit boards and in the manufacturing of expanded foam for packaging. CFCs break down ozone and thereby damage the ozone layer in the stratosphere, causing increased reception on Earth of ultraviolet light with consequent increased risks of skin cancer (malignant melanoma).

The relevant TCO'95 requirement; Neither CFCs nor HCFCs may be used during the manufacturing of the product or its packaging.

*Bio-accumulative is defined as substances which accumulate within living organisms.

**Lead, Cadmium and Mercury are heavy metals which are Bio-accumulative.

To obtain complete information on the environmental criteria document, order from:

TCO Development Unit
SE-114 94 Stockholm
SWEDEN
FAX Number: +46 8 782 92 07
E-mail (Internet): development@tco.se

You may also obtain current information on TCO'95 approved and labelled products by visiting their website at: <http://www.tcodevelopment.com/>

TCO'99

White Model

Congratulations! You have just purchased a TCO'99 approved and labeled product! Your choice has provided you with a product developed for professional use. Your purchase has also contributed to reducing the burden on the environment and also to the further development of environmentally adapted electronics products.



Why do we have environmentally labelled computers?

In many countries, environmental labelling has become an established method for encouraging the adaptation of goods and services to the environment. The main problem, as far as computers and other electronics equipment are concerned, is that environmentally harmful substances are used both in the products and during the manufacturing. Since it has not been possible for the majority of electronics equipment to be recycled in a satisfactory way, most of these potentially damaging substances sooner or later enter Nature.

There are also other characteristics of a computer, such as energy consumption levels, that are important from the viewpoints of both the work (Internal) and natural (external) environments. Since all methods of conventional electricity generation have a negative effect on the environment (acidic and climate-influencing emissions, radioactive waste, etc.), it is vital to conserve energy. Electronics equipment in offices consume an enormous amount of energy since they are often left running continuously.

What does labelling involve?

This product meets the requirements for the TCO'99 scheme which provides for international and environmental labelling of personal computers. The labelling scheme was developed as a joint effort by the TCO (The Swedish Confederation of Professional Employees), Svenska Naturskyddsforeningen (The Swedish Society for Nature Conservation) and Statens Energimyndighet (The Swedish National Energy Administration).

The requirements cover a wide range of issues: environment, ergonomics, usability, emission of electrical and magnetic fields, energy consumption and electrical and fire safety.

The environmental demands concern restrictions on the presence and use of heavy metals, brominated and chlorinated flame retardants, CFCs (freons) and chlorinated solvents, among other things. The product must be prepared for recycling and the manufacturer is obliged to have an environmental plan which must be adhered to in each country where the company implements its operational policy. The energy requirements include a demand that the computer and/or display, after a certain period of inactivity, shall reduce its power consumption to a lower level in one or more stages. The length of time to reactivate the computer shall be reasonable for the user.

Labelled products must meet strict environmental demands, for example, in respect of the reduction of electric and magnetic fields, physical and visual ergonomics and good usability.

Environmental Requirements

Flame retardants

Flame retardants are present in printed circuit boards, cables, wires, casings and housings. In turn, they delay the spread of fire. Up to thirty percent of the plastic in a computer casing can consist of flame retardant substances. Most flame retardants contain bromine or chloride and these are related to another group of environmental toxins, PCBs, which are suspected to give rise to severe

TCO'99 –continued

health effects, including reproductive damage in fish-eating birds and mammals, due to the bio-accumulative* processes. Flame retardants have been found in human blood and researchers fear that disturbances in foetus development may occur.

TCO'99 demand requires that plastic components weighing more than 25 grams must not contain flame retardants with organically bound chlorine and bromine. Flame retardants are allowed in the printed circuit boards since no substitutes are available.

Lead**

Lead can be found in picture tubes, display screens, solders and capacitors. Lead damages the nervous system and in higher doses, causes lead poisoning.

TCO'99 requirement permits the inclusion of lead since no replacement has yet been developed.

Cadmium**

Cadmium is present in rechargeable batteries and in the colour-generating layers of certain computer displays. Cadmium damages the nervous system and is toxic in high doses.

TCO'99 requirement states that batteries, the colour-generating layers of display screens and the electrical or electronics components must not contain any cadmium.

Mercury**

Mercury is sometimes found in batteries, relays and switches, Mercury damages the nervous system and is toxic in high doses.

TCO'99 requirement states that batteries may not contain any Mercury. It also demands that no mercury is present in any of the electrical or electronics components associated with the display unit.

CFCs (freons)

CFCs (freons) are sometimes used for washing printed circuit boards. CFCs break down ozone and thereby damage the ozone layer in the stratosphere, causing increased reception on Earth of ultraviolet light with consequent increased risks of skin cancer (malignant melanoma).

The relevant TCO'99 requirement; Neither CFCs nor HCFCs may be used during the manufacturing and assembly of the product or its packaging.

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SE-114 94 Stockholm
SWEDEN
FAX Number: +46 8 782 92 07
E-mail (Internet): development@tco.se

You may also obtain current information on TCO'99 approved and labelled products by visiting their website at: <http://www.tcodevelopment.com/>

Declaration of the Manufacturer

We hereby certify that the color monitor
MultiSync® LCD2080UX (L202EV)
is in compliance with
Council Directive 73/23/EEC:
– EN 60950

Council Directive 89/336/EEC:
– EN 55022
– EN 61000-3-2
– EN 61000-3-3
– EN 55024

and marked with



NEC-Mitsubishi Electric Visual
Systems Corporation
4-13-23, Shibaura,
Minato-Ku
Tokyo 108-0023, Japan

NEC LCD Series

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To allow for design and specification improvements, the information in this document is subject to change at any time without notice. Reproduction of this document or portions thereof without prior approval of NEC-Mitsubishi Electronics Display of America is prohibited.

DECLARATION OF CONFORMITY

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions. (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

U.S. Responsible Party:	NEC-Mitsubishi Electronics Display of America, Inc.
Address:	1250 North Arlington Heights Road, Suite 500
	Itasca, Illinois 60143-1248
Tel. No.:	(630) 467-3000

Type of Product:	DisplayMonitor
Equipment Classification:	Class B Peripheral
Model:	MultiSync LCD2080UX (L202EV)



*We hereby declare that the equipment specified above
conforms to the technical standards as specified in the FCC Rules.*

Windows is a registered trademark of Microsoft Corporation. NEC is a registered trademark of NEC Corporation. ENERGY STAR is a U.S. registered trademark. All other brands and product names are trademarks or registered trademarks of their respective owners.

As an ENERGY STAR® Partner, NEC-Mitsubishi Electronics Display of America has determined that this product meets the ENERGY STAR guidelines for energy efficiency. The ENERGY STAR emblem does not represent EPA endorsement of any product or service.

NEC

Part No. 7A811571
Printed in Japan

MultiSync LCD2080UX

User's Manual

NEC

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**WARNING**

TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE. ALSO, DO NOT USE THIS UNIT'S POLARIZED PLUG WITH AN EXTENSION CORD RECEPTACLE OR OTHER OUTLETS UNLESS THE PRONGS CAN BE FULLY INSERTED.

REFRAIN FROM OPENING THE CABINET AS THERE ARE HIGH VOLTAGE COMPONENTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

**CAUTION**

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, MAKE SURE POWER CORD IS UNPLUGGED FROM WALL SOCKET. TO FULLY DISENGAGE THE POWER TO THE UNIT, PLEASE DISCONNECT THE POWER CORD FROM THE AC OUTLET. DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol warns user that uninsulated voltage within the unit may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any part inside this unit.



This symbol alerts the user that important literature concerning the operation and maintenance of this unit has been included. Therefore, it should be read carefully in order to avoid any problems.

Caution:

When operating the MultiSync LCD2080UX with a 220-240V AC power source in Europe, use the power cord provided with the monitor.

In the UK, a BS approved power cord with a moulded plug has a Black (five Amps) fuse installed for use with this equipment. If a power cord is not supplied with this equipment please contact your supplier.

When operating the MultiSync LCD2080UX with a 220-240V AC power source in Australia, use the power cord provided with the monitor. If a power cord is not supplied with this equipment please contact your supplier.

For all other cases, use a power cord that matches the AC voltage of the power outlet and has been approved by and complies with the safety standard of your particular country.

Declaration**Declaration of the Manufacturer**

We hereby certify that the colour monitor
MultiSync LCD2080UX (L202EV) is in
compliance with

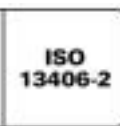
Council Directive 73/23/EEC:
– EN 60950

Council Directive 89/336/EEC:
– EN 55022
– EN 61000-3-2
– EN 61000-3-3
– EN 55024

and marked with



NEC-Mitsubishi Electric Visual
Systems Corporation
4-13-23, Shibaura,
Minato-Ku
Tokyo 108-0023, Japan



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ErgoDesign is a trademark of NEC-Mitsubishi Electronic Visual Systems Corporation in Austria, Benelux, Denmark, France, Germany, Italy, Norway, Spain, Sweden, U.K.

NaViSet is a trademark of NEC-Mitsubishi Electronics Display Europe GmbH in the countries of EU and Switzerland.

English-1

Canadian Department of Communications Compliance Statement

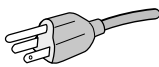
DOC: This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

C-UL: Bears the C-UL Mark and is in compliance with Canadian Safety Regulations according to CAN/CSA C22.2 No. 60950.

FCC Information

1. Use the attached specified cables with the MultiSync LCD2080UX colour monitor so as not to interfere with radio and television reception.

- (1) The power supply cord you use must have been approved by and comply with the safety standards of U.S.A., and meet the following condition.

Power supply cord	Non shield type, 3-conductor
Length	2.0 m
Plug shape	
	U.S.A

- (2) Please use the supplied shielded video signal cable, 15-pin mini D-SUB to DVI-A cable or DVI-D to DVI-D cable. Use of other cables and adapters may cause interference with radio and television reception.

2. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult your dealer or an experienced radio/TV technician for help.

If necessary, the user should contact the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet, prepared by the Federal Communications Commission, helpful: "How to Identify and Resolve Radio-TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-00345-4.

Declaration of Conformity

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions. (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

U.S. Responsible Party:	NEC-Mitsubishi Electronics Display of America, Inc.
Address:	1250 North Arlington Heights Road, Suite 500
	Itasca, Illinois 60143-1248
Tel. No.:	(630) 467-3000

Type of Product:	Display Monitor
Equipment Classification:	Class B Peripheral
Model:	MultiSync LCD2080UX (L202EV)

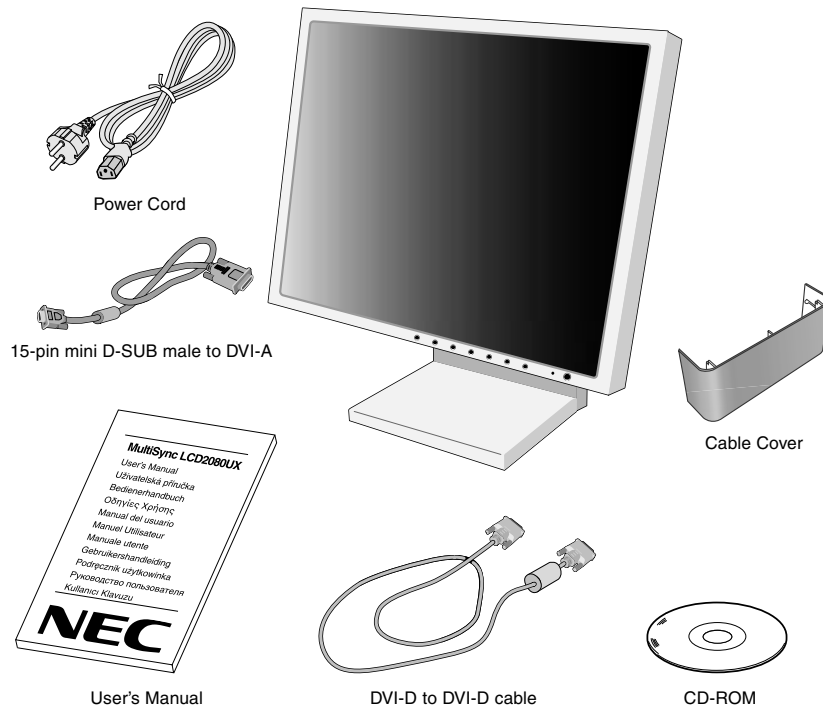


We hereby declare that the equipment specified above conforms to the technical standards as specified in the FCC Rules.

Contents

Your new NEC MultiSync LCD monitor box* should contain the following:

- MultiSync LCD2080UX monitor with tilt/swivel/pivot/height adjust stand
- Power Cord
- Video Signal Cable (15-pin mini D-SUB male to DVI-A)
- Video Signal Cable (DVI-D to DVI-D cable)
- User's Manual
- CD-ROM
- Cable cover



* Remember to save your original box and packing material to transport or ship the monitor.

Quick Start

To attach the MultiSync LCD monitor to your system, follow these instructions:

1. Turn off the power to your computer.
2. **For the PC or MAC with DVI digital output:** Connect the DVI signal cable to the connector of the display card in your system (**Figure A.1**). Tighten all screws.

For the PC with Analog output: Connect the 15-pin mini D-SUB to DVI-A signal cable to the connector of the display card in your system (**Figure A.2**).

For the MAC: Connect the MultiSync Macintosh cable adapter to the computer, then attach the 15-pin mini D-SUB signal cable to the MultiSync Macintosh cable adapter (**Figure B.1**).

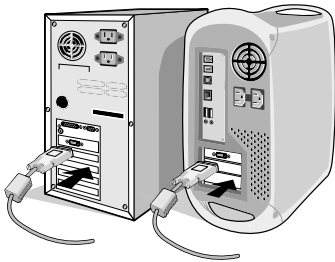
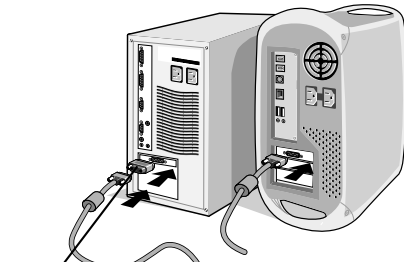


Figure A.1



Figure A.2



Macintosh
Cable Adapter
(not included)

Figure B.1

NOTE: Some Macintosh systems do not require a Macintosh cable adapter.

3. Connect the DVI signal cable to the connector on the back of the monitor. Place the video signal cable (**Figure C.1**). Connect only either VGA or DVI to input 2.

NOTE: Incorrect cable connections may result in irregular operation, damage display quality/components of LCD module and/or shorten the module's life.

Collect cables and keep them in the stand with attached cable cover. The cable cover can be attached on the front or back side of Tilt Stand (**Figure C.1, C.2**).

Please check Tilt, Rise and Lower monitor screen and screen rotation when you manage cables.

4. Connect one end of the power cord to the AC inlet on the back of the monitor and the other end to the power outlet (**Figure C.1**).

NOTE: Please refer to Caution section of this manual for proper selection of AC power cord.

5. The Vacation Switch on the left side of the monitor must be turned on. Turn on the monitor with the front power button (**Figure D.1**) and the computer.

NOTE: The Vacation Switch is a true on/off switch. If this switch is on the OFF position, the monitor cannot be turned on using the front button. DO NOT switch on/off quickly.

6. No-touch auto adjust automatically adjusts the monitor to optimal settings upon initial setup for most timings. For further adjustments, use the following OSM controls:

- Auto Contrast (Analog input only)
- Auto Adjust (Analog input only)

Refer to the **Controls** section of this User's Manual for a full description of these OSM controls.

NOTE: If you have any problems, please refer to the **Troubleshooting** section of this User's Manual.

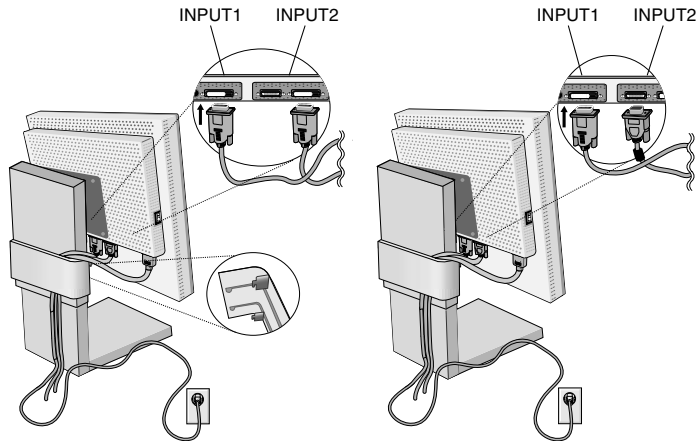


Figure C.1

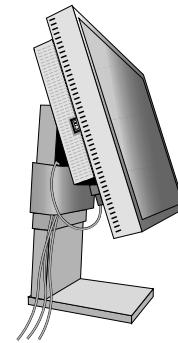
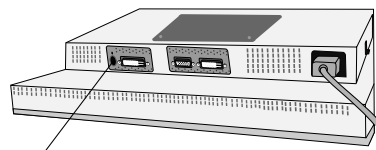
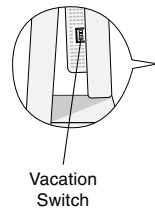


Figure C.2



NEC-Mitsubishi optional product attachment.
Do not use this connector unless specified.



Power Button

Figure D.1

Raise and Lower Monitor Screen

The monitor may be raised or lowered in either Portrait or Landscape mode.

To raise or lower screen, place hands on each side of the monitor and lift or lower to the desired height (**Figure RL.1**).

NOTE: Handle with care when raising or lowering the monitor screen.

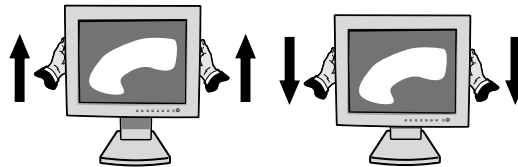


Figure RL.1

Screen Rotation

Before rotating, the screen must be raised to the highest level to avoid knocking the screen on the desk or pinching with your fingers.

To raise the screen, place hands on each side of the monitor and lift up to the highest position (**Figure RL.1**).

To rotate screen, place hands on each side of the monitor screen and turn clockwise from Landscape to Portrait or counter-clockwise from Portrait to Landscape (**Figure R.1**).

To rotate OSM menu between landscape and portrait, refer to "Controls" section, "OSM ROTATION" function.

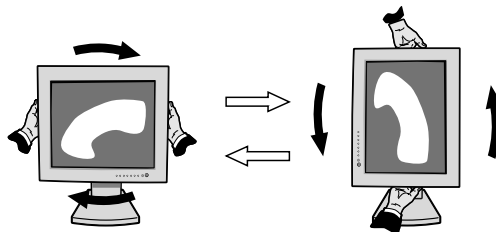


Figure R.1

English-5

Tilt

Grasp top and bottom sides of the monitor screen with your hands and adjust the tilt as desired (**Figure TS.1**).

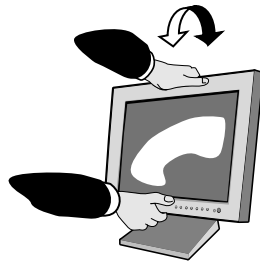


Figure TS.1

Swivel

Grasp both sides of the monitor screen with your hands and adjust the swivel as desired (**Figure TS.2**).

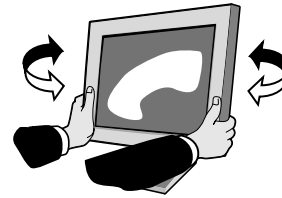


Figure TS.2

NOTE: Handle with care when tilting the monitor screen.

Remove Monitor Stand for Mounting

To prepare the monitor for alternate mounting purposes:

1. Disconnect all cables.
2. Place hands on each side of the monitor and lift up to the highest position.
3. Place monitor face down on a non-abrasive surface. (Place the screen on a 25 mm platform so that the stand is parallel with the surface) (**Figure S.1**).

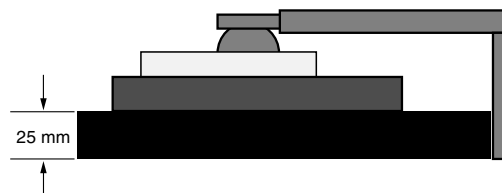


Figure S.1

4. Remove the two top screws connecting the monitor to the stand (**Figure S.2**). Turn the stand to 180° counterclockwise (you will hear two clicks). Remove the screws from the bottom (**Figure S.3**) and lift off the stand. The monitor is now ready for mounting in an alternate manner.
5. Reverse this process to reattach stand: tighten the two bottom screws, turn stand 180° counter clockwise (you will hear two clicks), and tighten two top screws.

NOTE: Use only VESA-compatible alternative mounting method (100 mm pitch).

NOTE: Handle with care when removing monitor stand.

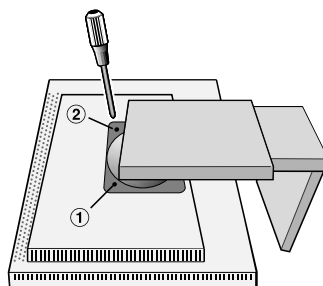


Figure S.2

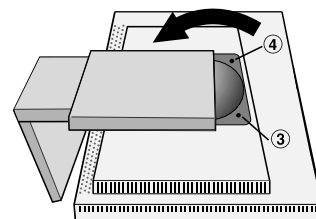


Figure S.3

Caution: Use the original screws (4 pcs) when mounting to avoid damage to the monitor and stand. To fulfil the safety requirements the monitor must be mounted to an arm which guaranties the necessary stability under consideration of the weight of the monitor. The LCD monitor should only be used with an approved arm (e.g. GS mark).

Controls

OSM (On-Screen Manager) control buttons on the front of the monitor function as follows:

To access OSM menu, press any of the control buttons (EXIT, ◀, ▶, -, +).
To change signal input, press the SELECT button.

NOTE: OSM must be closed in order to change signal input.

Menu	
EXIT	Exits the OSM controls. Exits to the OSM main menu.
CONTROL ◀/▶	Moves the highlighted area left/right to select control menus. Moves the highlighted area up/down to select one of the controls.
ADJUST - / +	Moves the bar left/right to increase or decrease the adjustment.
SELECT	Active Auto Adjust function. Enter the OSM controls. Enter the OSM sub menu.
RESET	Resets the highlighted control menu to the factory setting.

NOTE: When **RESET** is pressed in the main and sub-menu, a warning window will appear allowing you to cancel the **RESET** function by pressing the EXIT button.

☀ ● Brightness/Contrast Controls



BRIGHTNESS

Adjusts the overall image and background screen brightness.



CONTRAST

Adjusts the image brightness in relation to the background.



AUTO CONTRAST (Analog input only)

Adjusts the image displayed for non-standard video inputs.



AUTO BRIGHTNESS

This function adjusts the brightness automatically for the best CONTRAST and BRIGHTNESS setting based on the white display area.

AUTO Auto Adjust (Analog input only)

Automatically adjusts the Image Position and H. Size settings and Fine settings.

🖥 Image Controls



LEFT / RIGHT

Controls Horizontal Image Position within the display area of the LCD.



DOWN / UP

Controls Vertical Image Position within the display area of the LCD.



H.SIZE (Analog input only)

Adjusts the horizontal size by increasing or decreasing this setting.

Should the "AUTO Adjust function" do not give you a satisfactory picture setting, a further tuning can be performed using the "H.Size" function (dot clock). For this a Moiré test pattern could be used. This function may alter the width of the picture. Use Left/Right Menu to center the image on the screen. If the H.Size is wrongly calibrated, the result would look like on the left drawing. The image should be homogeneous.



English-7

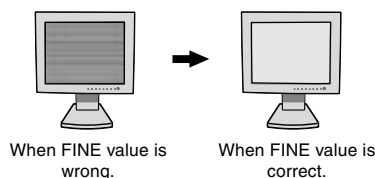


FINE (Analog input only)

Improves focus, clarity and image stability by increasing or decreasing this setting.

Should the "Auto Adjust function" and the "H.Size" function do not give you a satisfactory picture setting, a fine tuning can be performed using the "Fine" function. It improves focus, clarity and image stability by increasing or decreasing this setting.

For this a Moiré test pattern could be used. If the Fine value is wrongly calibrated, the result would look like on the left drawing. The image should be homogeneous.



Color Control Systems

Color Control Systems: Six colour presets select the desired colour setting (sRGB and NATIVE colour presets are standard and cannot be changed). Colour temperature increases or decreases, in each preset.

R,Y,G,C,B,M,S: Increases or decreases Red, Yellow, Green, Cyan, Blue, Magenta and Saturation depending upon which is selected. The change in colour will appear on screen and the direction (increase or decrease) will be shown by the colour bars.

NATIVE: Original colour presented by the LCD panel that is unadjustable.



Tools 1



SHARPNESS: This function is digitally capable to keep crisp image at any timings. It is continuously adjustable to get distinct image or soft one as you prefer, and set independently by different timings.

The number of adjustment steps is different depending on whether EXPANSION Mode is OFF, FULL or ASPECT (1600 x 1200 is OFF Mode).



EXPANSION MODE: Sets the zoom method.

FULL: The image is expanded to 1600 x 1200, regardless of the resolution.

ASPECT: The image is expanded without changing the aspect ratio.

OFF: The image is not expanded.

CUSTOM (Digital input and Resolution of 1600 x 1200 only):

Select one of nine expansion rates. In this mode the resolution may be low and there may be blank areas. This mode is for use with special video cards.



VIDEO DETECT: Selects the method of video detection when more than one computer is connected.

FIRST DETECT: The video input has to be switched to "FIRST DETECT" mode. When current video input signal is not present, then the monitor searches for a video signal from the other video input port. If the video signal is present in the other port, then the monitor switches the video source input port to the new found video source automatically. The monitor will not look for other video signals while the current video source is present.

LAST DETECT: The video input has to be switched to the "LAST DETECT" mode. When the monitor is displaying a signal from the current source and a new secondary source is supplied to the monitor, then the monitor will automatically switch to the new video source. When current video input signal is not present, then the monitor searches for a video signal from the other video input port. If the video signal is present in the other port, then the monitor switches the video source input port to the new found video source automatically.

NONE: The Monitor will not search the other video input port unless the monitor is turned on.



DVI SELECTION: This function selects the DVI input mode (Input 1). When the DVI selection has been changed, the computer has to be restarted.

AUTO: By using the DVI-D to DVI-D cable, the DVI SELECTION is DIGITAL.

By using the D-SUB to DVI-A cable, the DVI SELECTION is ANALOG.

DIGITAL: DVI digital input is available.

ANALOG: DVI analog input is available.

Note: Depending on the PC and Video card used, or when another Video signal cable is attached, this function may not operate.



OFF TIMER: Monitor will automatically power-down when the end user has selected a pre-determined amount of time.



Tools 2



LANGUAGE: OSM control menus are available in seven languages.



OSM POSITION: You can choose where you would like the OSM control image to appear on your screen. Selecting OSM Location allows you to manually adjust the position of the OSM control menu left, right, down or up.



OSM TURN OFF: The OSM control menu will stay on as long as it is use. In the OSM Turn Off submenu, you can select how long the monitor waits after the last touch of a button to shut off the OSM control menu. The preset choices are 10, 20, 30, 45, 60 and 120 seconds.



OSM LOCK OUT: This control completely locks out access to all OSM control functions. When attempting to activate OSM controls while in the Lock Out mode, a screen will appear indicating the OSM controls are locked out. To activate the OSM Lock Out function, press SELECT, then "+" key and hold down simultaneously. To deactivate the OSM Lock Out, press SELECT, then "+" key and hold down simultaneously.



OSM ROTATION: To rotate OSM between Landscape and Portrait modes.



RESOLUTION NOTIFIER: This optimal resolution is 1600 x 1200. If ON is selected, a message will appear on the screen after 30 seconds, notifying you that the resolution is not at 1600 x 1200.



HOT KEY: You can adjust the brightness and contrast directly. When this function is set to ON, you can adjust the brightness with ◀ or ▶, contrast with + or - key, while the OSM menu is off. The standard OSM can be accessed with the EXIT button.



FACTORY PRESET: Selecting Factory Preset allows you to reset all OSM control settings (BRIGHTNESS, CONTRAST, IMAGE CONTROL, COLOR CONTROL SYSTEM, SHARPNESS, EXPANSION MODE, OFF TIMER, OSM POSITION, OSM TURN OFF, DISPLAY MODE) back to the factory settings. Individual settings can be reset by highlighting the control to be reset and pressing the RESET button.



Information



DISPLAY MODE: Provides information about the current resolution display and technical data including the preset timing being used and the horizontal and vertical frequencies. Increases or decreases the current resolution.



MONITOR INFO: Indicates the model and serial numbers of your monitor.

OSM Warning

OSM Warning menus disappear with Exit button.

NO SIGNAL: This function gives a warning when there is no Horizontal or Vertical Sync. After power is turned on or when there is a change of input signal, the **No Signal** window will appear.

RESOLUTION NOTIFIER: This function gives a warning of use with optimized resolution. After power is turned on or when there is a change of input signal or the video signal doesn't have proper resolution, the **Resolution Notifier** window will open. This function can be disabled in the TOOL menu.

OUT OF RANGE: This function gives a recommendation of the optimized resolution and refresh rate. After the power is turned on or there is a change of input signal or the video signal doesn't have proper timing, the **Out Of Range** menu will appear.

NOTE: If "i CHANGE DVI SELECTION" is displayed, switch to DVI SELECTION.

For advanced user menu see "Appendix".

Recommended use

Safety Precautions and Maintenance



FOR OPTIMUM PERFORMANCE, PLEASE NOTE
THE FOLLOWING WHEN SETTING UP AND USING
THE MULTISYNC LCD COLOUR MONITOR:



- **DO NOT OPEN THE MONITOR.** There are no user serviceable parts inside and opening or removing covers may expose you to dangerous shock hazards or other risks. Refer all servicing to qualified service personnel.
- Do not spill any liquids into the cabinet or use your monitor near water.
- Do not insert objects of any kind into the cabinet slots, as they may touch dangerous voltage points, which can be harmful or fatal or may cause electric shock, fire or equipment failure.
- Do not place any heavy objects on the power cord. Damage to the cord may cause shock or fire.
- Do not place this product on a sloping or unstable cart, stand or table, as the monitor may fall, causing serious damage to the monitor.
- Do not place any objects onto the monitor and do not use the monitor outdoors.
- The inside of the fluorescent tube located within the LCD monitor contains mercury.
Please follow the bylaws or rules of your municipality to dispose of the tube properly.

Immediately unplug your monitor from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the monitor.
- If the monitor has been exposed to rain or water.
- If the monitor has been dropped or the cabinet damaged.
- If the monitor does not operate normally by following operating instructions.
- Do not bend power cord.
- Do not use monitor in high temperature, humid, dusty, or oily areas.
- If glass is broken, handle with care.
- Do not cover vent on monitor.
- If monitor or glass is broken, do not come in contact with the liquid crystal and handle with care.
- Allow adequate ventilation around the monitor so that heat can properly dissipate. Do not block ventilated openings or place the monitor near a radiator or other heat sources. Do not put anything on top of monitor.
- The power cable connector is the primary means of detaching the system from the power supply. The monitor should be installed close to a power outlet which is easily accessible.
- Handle with care when transporting. Save packaging for transporting.



CAUTION

- **Image Persistence:** Image persistence is when a residual or "ghost" image of a previous image remains visible on the screen. Unlike CRT monitors, LCD monitors' image persistence is not permanent, but constant images being displayed for a long period of time should be avoided.

To alleviate image persistence, turn off the monitor for as long as the previous image was displayed. For example, if an image was on the monitor for one hour and a residual image remains, the monitor should be turned off for one hour to erase the image.

NOTE: As with all personal display devices, NEC-Mitsubishi Electronics Display-Europe recommends using a moving screen saver at regular intervals whenever the screen is idle or turning off the monitor when not in use.

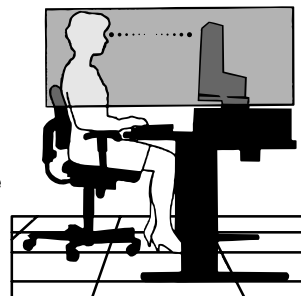


CORRECT PLACEMENT AND ADJUSTMENT OF THE MONITOR CAN
REDUCE EYE, SHOULDER AND NECK FATIGUE. CHECK THE
FOLLOWING WHEN YOU POSITION THE MONITOR:



English

- For optimum performance, allow 20 minutes for warm-up.
- Adjust the monitor height so that the top of the screen is at or slightly below eye level. Your eyes should look slightly downward when viewing the middle of the screen.
- Position your monitor no closer than 40 cm and no further away than 70 cm from your eyes. The optimal distance is 50 cm.
- Rest your eyes periodically by focusing on an object at least 20 feet away. Blink often.
- Position the monitor at a 90° angle to windows and other light sources to minimize glare and reflections. Adjust the monitor tilt so that ceiling lights do not reflect on your screen.
- If reflected light makes it hard for you to see your screen, use an anti-glare filter.
- Clean the LCD monitor surface with a lint-free, non-abrasive cloth. Avoid using any cleaning solution or glass cleaner!
- Adjust the monitor's brightness and contrast controls to enhance readability.
- Use a document holder placed close to the screen.
- Position whatever you are looking at most of the time (the screen or reference material) directly in front of you to minimize turning your head while you are typing.
- Avoid displaying fixed patterns on the monitor for long periods of time to avoid image persistence (after-image effects).
- Get regular eye checkups.



Ergonomics

To realize the maximum ergonomics benefits, we recommend the following:

- Adjust the Brightness until the background raster disappears.
- Do not position the Contrast control to its maximum setting.
- Use the preset Size and Position controls with standard signals.
- Use the preset Colour Setting.
- Use non-interlaced signals with a vertical refresh rate more than 60 Hz.
- Do not use primary colour blue on a dark background, as it is difficult to see and may produce eye fatigue to insufficient contrast.

Specifications

Monitor Specifications		MultiSync LCD2080UX Monitor	Notes
LCD Module	Diagonal: Viewable Image Size: Native Resolution (Pixel Count):	51 cm/20.1 inches 51 cm/20.1 inches 1600 x 1200	Active matrix; thin film transistor (TFT) liquid crystal display (LCD); 0.255 mm dot pitch; 250 cd/m ² white luminance; 350:1 contrast ratio, typical.
Input Signal	Video: Sync:	ANALOG 0.7 Vp-p/75 Ohms Separate sync.TTL Level Horizontal sync. Positive/Negative Vertical sync. Positive/Negative Composite sync. Positive/Negative Sync on Green (Video 0.7V p-p and Sync Negative 0.3V p-p)	Digital Input: DVI
Display Colours		16,777,216	Depends on display card used.
Synchronization Range	Horizontal: Vertical:	31.5 kHz to 91.1 kHz 50 Hz to 85 Hz	Automatically Automatically
Viewing Angle	Left/Right: Up/Down:	±88° (CR > 10) ±88° (CR > 10)	
Image Formation Time		25 ms (Typ.)	
Resolutions Supported	Landscape: Portrait:	720 x 400*1 : VGA-Text 640 x 480*1 at 60 Hz to 85 Hz 800 x 600*1 at 56 Hz to 85 Hz 832 x 624*1 at 75 Hz 1024 x 768*1 at 60 Hz to 85 Hz 1152 x 870*1 at 75 Hz 1280 x 1024*1 at 60 Hz to 85 Hz 1600 x 1200 at 60 Hz..... 480 x 640*1 at 60 Hz to 85 Hz 600 x 800*1 at 56 Hz to 85 Hz 624 x 832*1 at 75 Hz 768 x 1024*1 at 60 Hz to 85 Hz 870 x 1152*1 at 75 Hz 1024 x 1280*1 at 60 Hz to 85 Hz 1200 x 1600 at 60 Hz.....	Some systems may not support all modes listed. NEC-Mitsubishi Electronics Display cites recommended resolution for optimal display performance. Some systems may not support all modes listed. NEC-Mitsubishi Electronics Display cites recommended resolution for optimal display performance.
Active Display Area	Landscape: Horiz.: Vert.: Portrait: Horiz.: Vert.:	408 mm/16.1 inches 306 mm/12.0 inches 306 mm/12.0 inches 408 mm/16.1 inches	
Power Supply		AC 100-240 V ~ 50/60 Hz	
Current Rating		0.7 - 0.35 A	
Dimensions	Landscape: Portrait: Height Adjustment:	442 mm (W) x 366.3 ~ 496.3 mm (H) x 200 mm (D) 17.4 inches (W) x 14.4 ~ 19.5 inches (H) x 7.9 inches (D) 340 mm (W) x 458.3 ~ 547.3 mm (H) x 200 mm (D) 13.4 inches (W) x 18.0 ~ 21.5 inches (H) x 7.9 inches (D) 130 mm/5.1 inches (Landscape)	
Weight		10.5 kg (23.1 lbs)	
Environmental Considerations	Operating Temperature: Humidity: Feet: Storage Temperature: Humidity: Feet:	5°C to 35°C/41°F to 95°F 30% to 80% 0 to 12,000 Feet -10°C to 60°C/14°F to 140°F 10% to 85% 0 to 40,000 Feet	

*1 Interpolated Resolutions: When resolutions are shown that are lower than the pixel count of the LCD module, text may appear different. This is normal and necessary for all current flat panel technologies when displaying non-native resolutions full screen. In flat panel technologies, each dot on the screen is actually one pixel, so to expand resolutions to full screen, an interpolation of the resolution must be done.

NOTE: Technical specifications are subject to change without notice.

English-12

Features

ambix Technology: Dual input technology allowing both analog and digital inputs off of one connector (DVI-I) as well as additional legacy analog support off of a traditional 15-pin VGA connector. Provides traditional MultiSync® technology compatibility for analog as well as DVI-based digital compatibility for digital inputs. DVI-based digital interfaces include DVI-D, DFP and P&D.

DVI-I: The integrated interface ratified by the Digital Display Working Group (DDWG) that allows both digital and analog connectors off of one port. The "I" stands for integration for both digital and analog. The digital portion is DVI-based.

DVI-D: The digital-only subset of DVI ratified by the Digital Display Working Group (DDWG) for digital connections between computers and displays. As a digital-only connector, analog support is not provided off a DVI-D connector. As a DVI-based digital only connection, only a simple adapter is necessary for compatibility between DVI-D and other DVI-based digital connectors such as DFP and P&D.

DFP (Digital Flat Panel): An all-digital interface for flat panel monitors which is signal compatible with DVI. As a DVI-based digital only connection, only a simple adapter is necessary for compatibility between DFP and other DVI-based digital connectors such as DVI and P&D.

P&D (Plug and Display): The VESA standard for digital flat panel monitor interfaces. It is more robust than DFP since it allows for other options off a signal connector (options like USB, analog video and IEEE-1394-995). The VESA committee has recognized that DFP is a subset of P&D. As a DVI-based connector (for the digital input pins), only a simple adapter is necessary for compatibility between P&D and other DVI-based digital connector such as DVI and DFP.

Pivoting Stand: Allows users to adjust the monitor to the orientation that best fits their application, either Landscape orientation for wide documents, or portrait orientation for the ability to preview a full page on one screen at one time. The Portrait orientation is also perfect for full screen video conferencing.

Reduced Footprint: Provides the ideal solution for environments requiring superior image quality but with size and weight limitations. The monitor's small footprint and low weight allow it to be moved or transported easily from one location to another.

Color Control Systems: Allows you to adjust the colours on your screen and customize the colour accuracy of your monitor to a variety of standards.

OmniColor®: Combines Six-axis colour control and the sRGB standard. Six-axis colour control permits colour adjustments via six axes (R, G, B, C, M and Y) rather than through the three axes (R, G and B) previously available. The sRGB standard provides the monitor with a uniform colour profile. This assures that the colours displayed on the monitor are exactly the same as on the colour printout (with sRGB supporting operating system and sRGB printer). This allows you to adjust the colours on your screen and customise the colour accuracy of your monitor to a variety of standards.

OSM (On-Screen Manager) Controls: Allow you to quickly and easily adjust all elements of your screen image via simple to use on-screen menus.

ErgoDesign® Features: Enhance human ergonomics to improve the working environment, protect the health of the user and save money. Examples include OSM controls for quick and easy image adjustments, tilt base for preferred angle of vision, small footprint and compliance with MPRII and TCO guidelines for lower emissions.

Plug and Play: The Microsoft® solution with the Windows® 95/98/2000/Me/XP operating system facilitates setup and installation by allowing the monitor to send its capabilities (such as screen size and resolutions supported) directly to your computer, automatically optimizing display performance.

IPM (Intelligent Power Manager) System: Provides innovative power-saving methods that allow the monitor to shift to a lower power consumption level when on but not in use, saving two-thirds of your monitor energy costs, reducing emissions and lowering the air conditioning costs of the workplace.

Multiple Frequency Technology: Automatically adjusts monitor to the display card's scanning frequency, thus displaying the resolution required.

FullScan Capability: Allows you to use the entire screen area in most resolutions, significantly expanding image size.

Wide Viewing Angle Technology: Allows the user to be able to see the monitor from any angle (176 degrees) from any orientation — Portrait or Landscape. Provides full 176° viewing angles either up, down, left or right.

VESA Standard Mounting Interface: Allows users to connect their MultiSync monitor to any VESA standard third party mounting arm or bracket. Allows for the monitor to be mounted on a wall or an arm using any third party compliant device.

NaViSet™: Is a ground-breaking software family, developed by NEC-Mitsubishi Eletronics Display Europe GmbH, providing intuitive access to all monitor setting controls and remote diagnosis via the Windows interface, based upon the VESA standard, DDC/CI. Using a standard VGA or DVI signal cable, NaViSet™ can either benefit single users or, with NaViSet™ Administrator, can reduce the Total Cost of Ownership through remote network-wide maintenance, diagnosis and asset-reporting.

No-touch Auto Adjust (Analog input only): No-touch auto adjust automatically adjusts the monitor to optimal settings upon initial setup.

sRGB Color Control: A new optimized colour management standard which allows for colour matching on computer displays and other peripherals. The sRGB, which is based on the calibrated colour space, allows for optimal colour representation and backward compatibility with other common colour standards.

Troubleshooting

No picture

- The signal cable should be completely connected to the display card/computer.
- The display card should be completely seated in its slot.
- Check the Vacation Switch should be in the ON position.
- Front Power Switch and computer power switch should be in the ON position.
- Check to make sure that a supported mode has been selected on the display card or system being used. (Please consult display card or system manual to change graphics mode.)
- Check the monitor and your display card with respect to compatibility and recommended settings.
- Check the signal cable connector for bent or pushed-in pins.
- Check the signal input, "INPUT 1" or "INPUT 2".

Power Button does not respond

- Unplug the power cord of the monitor from the AC outlet to turn off and reset the monitor.
- Check the Vacation Switch on the left side of the monitor.

Image Persistence

- Image persistence is when a residual or "ghost" image of a previous image remains visible on the screen. Unlike CRT monitors, LCD monitors' image persistence is not permanent, but constant images being displayed for a long period of time should be avoided. To alleviate image persistence, turn off the monitor for as long as the previous image was displayed. For example, if an image was on the monitor for one hour and a residual image remains, the monitor should be turned off for one hour to erase the image.

NOTE: As with all personal display devices, NEC-Mitsubishi Electronics Display recommends using a moving screen saver at regular intervals whenever the screen is idle or turning off the monitor when not in use.

Message "OUT OF RANGE" is displayed (screen is either blank or shows rough images only)

- Image is displayed only roughly (pixels are missing) and OSM warning "OUT OF RANGE" is displayed: Either signal clock or resolution is too high. Choose one of the supported modes.
- OSM warning "OUT OF RANGE" is displayed on a blank screen: Signal frequency is out of range. Choose one of the supported modes.

Image is unstable, unfocused or swimming is apparent

- Signal cable should be completely attached to the computer.
- Use the OSM Image Adjust controls to focus and adjust display by increasing or decreasing the fine total. When the display mode is changed, the OSM Image Adjust settings may need to be readjusted.
- Check the monitor and your display card with respect to compatibility and recommended signal timings.
- If your text is garbled, change the video mode to non-interlace and use 60Hz refresh rate.

LED on monitor is not lit (*no green or amber colour can be seen*)

- Power Switch should be in the ON position and power cord should be connected.

Display image is not sized properly

- Use the OSM Image Adjust controls to increase or decrease the Coarse total.
- Check to make sure that a supported mode has been selected on the display card or system being used. (Please consult display card or system manual to change graphics mode.)

No Video

- If no video is present on the screen, turn the Power button off and on again.
- Make certain the computer is not in a power-saving mode (touch the keyboard or mouse).

No tilt

- Rotate the screen to 90° clockwise until you hear one click.
- Refer to the Quick Start section, "Remove monitor stand for mounting" to insure correct installation of stand.

Appendix

If you need detailed information about the controls, please use the advanced menu.

<How to use the advanced menu>

- Turn off your monitor.
- Turn on your monitor by pushing the "POWER" and "SELECT" button at the same time for at least one second simultaneously.
- You will see the Advanced menu.
This menu is larger than the normal OSM.

<How to exit the advanced menu>

- Turn off and restart your monitor in the normal way.


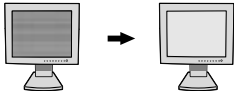
To make an adjustment, ensure that the tag is highlighted, then press "SELECT".

To move to another tag, press "EXIT", then press "◀" or "▶" to highlight another tag.

Tag1	Brightness	Adjusts the overall image and screen background brightness. Press “+” or “-” to adjust.																								
	Contrast	Adjusts the image brightness and contrast in relation to the background. Press “+” or “-” to adjust.																								
	Auto Contrast (Analog input only)	Adjusts the image displayed for non-standard video inputs. Press “SELECT” to adjust. Any adjustment requires the image to have white portions.																								
	Auto Brightness	This function adjusts the brightness automatically for the best CONTRAST and BRIGHTNESS setting based on the white display area.																								
Tag2	R-H.position (Analog input only)	Adjusts the position of the red component of the image. Press “+” or “-” to adjust.																								
	G-H.position (Analog input only)	Adjusts the position of the green component of the image. Press “+” or “-” to adjust.																								
	B-H.position (Analog input only)	Adjusts the position of the blue component of the image. Press “+” or “-” to adjust.																								
	R-SHARPNESS (Analog input only)	Adjusts the sharpness of the red component of the image. Press “+” or “-” to adjust.																								
	G-SHARPNESS (Analog input only)	Adjusts the sharpness of the green component of the image. Press “+” or “-” to adjust.																								
	B-SHARPNESS (Analog input only)	Adjusts the sharpness of the blue component of the image. Press “+” or “-” to adjust.																								
Tag3	Signal (Analog input only)	Determines the automatic adjustment level activated when the system detects a change in the signal. The choices are “OFF”, “SIMPLE” and “FULL”. Press “+” or “-” to select.																								
	Auto SW (Analog input only)	Determines the automatic adjustment level for Auto Adjust performed on OSM. The choices are “SIMPLE”, “FULL” and “DETAIL”. Press “+” or “-” to select.																								
	Determines the automatic adjustment level. Any menu option provides an automatic adjustment more items than those provided by the options listed above it but requires a longer adjustment time.																									
<table><tr><td></td><td>“Size” “Fine” “Position”</td><td>Contrast</td><td>“Detail Items (long cable capability)”*2”</td><td>Time</td></tr><tr><td>OFF</td><td>O*1</td><td>X</td><td>X</td><td>1.5 seconds</td></tr><tr><td>SIMPLE</td><td>O</td><td>X</td><td>X</td><td>1.5 seconds</td></tr><tr><td>FULL</td><td>O</td><td>O</td><td>X</td><td>2 seconds</td></tr><tr><td>DETAIL</td><td>O</td><td>O</td><td>O</td><td>10 to 20 seconds</td></tr></table>			“Size” “Fine” “Position”	Contrast	“Detail Items (long cable capability)”*2”	Time	OFF	O*1	X	X	1.5 seconds	SIMPLE	O	X	X	1.5 seconds	FULL	O	O	X	2 seconds	DETAIL	O	O	O	10 to 20 seconds
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*1: Automatically adjusts the monitor to optimal settings upon initial setup at 800 x 600 or higher resolution.																										
*2: Black level, Peaking, RGB sharpness, RGB delay and RGB position.																										

*1: Automatically adjusts the monitor to optimal settings upon initial setup at 800 x 600 or higher resolution.

*2: Black level, Peaking, RGB sharpness, RGB delay and RGB position.

Tag4	Auto (Analog input only)	Automatically adjusts the Image Position and H. Size settings and Fine settings. Press "SELECT" to activate Auto Adjustment.
	H. Position	Controls Horizontal Image Position within the display area of the LCD. Press "+" or "-" to adjust.
	V. Position	Controls Vertical Image Position within the display area of the LCD. Press "+" or "-" to adjust.
	H. Size (Analog input only)	<p>Adjusts the horizontal size of the screen. Should the "AUTO Adjust function" do not give you a satisfactory picture setting, a further tuning can be performed using the "H.Size" function (dot clock). For this a Moiré test pattern could be used. This function may alter the width of the picture. Use left/Right Menu to center the image on the screen. If the H.Size is wrongly calibrated, the result would look like on the left drawing. The image should be homogeneous.</p>  <p>When H.SIZE value is wrong. When H.SIZE value is improved. When H.SIZE value is correct.</p>
	Fine (Analog input only)	<p>Improve focus, clarity and image stability by increasing or decreasing this setting. Should the "Auto Adjust function" and the "H.Size" function do not give you a satisfactory picture setting, a fine tuning can be performed using the "Fine" function. It improves focus, clarity and image stability by increasing or decreasing this setting. For this a Moiré test pattern could be used. If the Fine value is wrongly calibrated, the result would look like on the left drawing. The image should be homogeneous.</p>  <p>When FINE value is wrong. When FINE value is correct.</p>
Tag5	Black Level (Analog input only)	<p>Adjusts the black level. Press "+" or "-" to select. MANUAL allows you to manually adjust the black level. Press "+" or "-" to adjust. AUTO automatically adjusts the black level. Ensure that the image has 64 or more adjacent black dots before making an adjustment. Press "SELECT" to activate Auto Adjust.</p>
Tag6	Color Control	<p>Six colours for the desired colour setting (sRGB and NATIVE colour presets cannot be changed). Colour temperature increases or decreases in each preset. Press "◀" or "▶" to select colour. Press "+" or "-" to adjust. Press "SELECT" to customize. R,Y,G,C,B,M,S Increases or decreases Red, Yellow, Green, Cyan, Blue, Magenta and Saturation depending upon which is selected. The change in colour will appear on screen and the direction (increase or decrease) will be shown by the colour bars. Press "+" or "-" to adjust. NATIVE Original colour presented by the LCD panel that is not adjustable.</p>

Tag7	Sharpness	This is a digital capability for keeping a crisp image at all signal timings. It continuously adjusts to maintain a distinct or soft image as you prefer, and is set independently according to different timings. The number of adjustment steps is different depending on whether the mode is OFF, FULL or ASPECT (1600 x 1200 is OFF Mode). Press "+" or "-" to adjust.
	Expansion Mode	Sets the zoom method. FULL: The image is expanded to 1600 x 1200, regardless of the resolution. ASPECT: The image is expanded without changing the aspect ratio. OFF: The image is not expanded. CUSTOM (Digital input and Resolution of 1600 x 1200 only): Select one of nine expansion rates. In this mode, the resolution may be low and there may be blank areas. This mode is for use with special video cards. Press "SELECT" to move the select menu, and press "+" or "-" to select.
	Video Detect	Selects the method of video detection when more than one computer is connected. Press "+" or "-" to select. FIRST DETECT: The video input has to be switched to "FIRST DETECT" mode. When current video input signal is not present, then the monitor searches for a video signal from the other video input port. If the video signal is present in the other port, then the monitor switches the video source input port to the new found video source automatically. The monitor will not look for other video signals while the current video source is present. LAST DETECT: The video input has to be switched to the "LAST DETECT" mode. When the monitor is displaying a signal from the current source and a new secondary source is supplied to the monitor, then the monitor will automatically switch to the new video source. When current video input signal is not present, then the monitor searches for a video signal from the other video input port. If the video signal is present in the other port, then the monitor switches the video source input port to the new found video source automatically. NONE: The Monitor will not search the other video input port unless the monitor is turned on.
	DVI Selection	This function selects the DVI input mode (Input 1). When the DVI selection has been changed, you must restart your computer. Press "+" or "-" to select. AUTO: By using the DVI-D to DVI-D cable, the DVI SECTION is DIGITAL. By using the D-SUB to DVI-A cable, the DVI SECTION is ANALOG. DIGITAL: DVI digital input is available. ANALOG: DVI analog input is available.
	Off Timer	Monitor will automatically turn off after the preset time period from power on with the ON/OFF function. When you select "ON", press "SELECT" and "+" or "-" to adjust.
	Language	OSM control menus are available in seven languages. Press "+" or "-" to select.
	OSM Position	You can choose where you would like the OSM control image to appear on your screen. Selecting OSM Location allows you to manually adjust the position of the OSM control menu left, right, down or up. Press "SELECT" to move the adjustment menu, and press "+" or "-" to adjust.
	OSM Turn off	The OSM control menu will stay on as long as it is in use. In the OSM Turn Off submenu, you can select how long the monitor waits after the last touch of a button to close the OSM control menu. The preset choices are 10, 20, 30, 45, 60 and 120 seconds. Press "+" or "-" to select.
	OSM Lock Out	This control completely locks out access to all OSM control functions. When attempting to activate OSM controls while in the Lock Out mode, a screen will appear indicating the OSM controls are locked out. To activate the OSM Lock Out function, press SELECT, then + key and hold down simultaneously. To de-activate the OSM Lock Out, press SELECT, then + key and hold down simultaneously. CONTRAST and BRIGHTNESS can be adjusted while in the lock out mode.

	OSM Rotation	To switch OSM between Landscape and Portrait modes. Press “+” or “-” to select.
	Resolution Notifier	The optimal resolution is 1600 x 1200. If ON is selected, a message will appear on the screen after 30 seconds, notifying you that the resolution is not set to 1600 x 1200. Press “+” or “-” to select.
	Factory Preset	Selecting Factory Preset allows you to reset all OSM control settings (BRIGHTNESS, CONTRAST, IMAGE CONTROLS, COLOR CONTROL SYSTEM, SHARPNESS, EXPANSION MODE, OFF TIMER, OSM POSITION, OSM TURN OFF, DISPLAY MODE) back to the factory settings. Highlighting the control to be reset and pressing the RESET button can reset individual settings. Press “SELECT” to reset.
Tag8	Video Band Width (Analog input only)	It is used when the unnecessary noise from computer appears on a screen. It is strong ineffective, so that a number becomes small. Press “+” or “-” to select.
	Sync Threshold (Analog input only)	Adjusts the slice level of a synchronization signal. Press “SELECT” to move the adjustment menu. SEP/COMP. : Adjusts the sensitivity of the separate or composite input signals. Try this option if the FINE adjustment does not successfully eliminate the noise. Sync On Green : Adjusts the sensitivity of the Sync On Green input signals. Adjusts the slice level when separating a synchronization from sync On Green signal input. Press “+” or “-” to select.
	SOG Correction (Analog input only)	Shapes the waveform of the Sync On Green signals. Try this option if the FINE adjustment does not eliminate the noise produced after the signal cable has been extended. Press “SELECT” to move adjustment menu. OFF The inputted synchronization signal is used as it is. AUTO Shapes the waveform according to the input waveform automatically. The signal which has not deteriorated is used as it is. ON Corrects the waveform irrespective of the input waveform.
Tag9	Display Mode	Provides information about the current display resolution and technical data, including the preset timing currently being used and the horizontal and vertical frequencies. Increases or decreases the current resolution. Press “SELECT” to move the adjustment mode, and press “+” or “-” to adjust.
	Monitor Info	Indicates the model and serial numbers of your monitor.

Black Model

Congratulations! You have just purchased a TCO'95 approved and labeled product! Your choice has provided you with a product developed for professional use. Your purchase has also contributed to reducing the burden on the environment and also, to the further development of environmentally adapted electronics products.



Why do we have environmentally labelled computers?

In many countries, environmental labelling has become an established method for encouraging the adaptation of goods and services to the environment. The main problem, as far as computers and other electronics equipment are concerned, is that environmentally harmful substances are used both in the products and during the manufacturing. Since it has not been possible for the majority of electronics equipment to be recycled in a satisfactory way, most of these potentially damaging substances sooner or later enter Nature.

There are also other characteristics of a computer, such as energy consumption levels, that are important from the viewpoints of both the work (Internal) and natural (external) environments. Since all methods of conventional electricity generation have a negative effect on the environment (acidic and climate-influencing emissions, radioactive waste, etc.), it is vital to conserve energy. Electronics equipment in offices consume an enormous amount of energy since they are often left running continuously.

What does labelling involve?

This product meets the requirements for the TCO'95 scheme which provides for international and environmental labelling of personal computers. The labelling scheme was developed as a joint effort by the TCO (The Swedish Confederation of Professional Employees), Naturskyddsforeningen (The Swedish Society for Nature Conservation) and NUTEK (The National Board for Industrial and Technical Development in Sweden).

The requirements cover a wide range of issues: environment, ergonomics, usability, emission of electrical and magnetic fields, energy consumption and electrical and fire safety.

The environmental demands concern restrictions on the presence and use of heavy metals, brominated and chlorinated flame retardants, CFCs (freons) and chlorinated solvents, among other things. The product must be prepared for recycling and the manufacturer is obliged to have an environmental plan which must be adhered to in each country where the company implements its operational policy. The energy requirements include a demand that the computer and/or display, after a certain period of inactivity, shall reduce its power consumption to a lower level in one or more stages. The length of time to reactivate the computer shall be reasonable for the user.

Labelled products must meet strict environmental demands, for example, in respect of the reduction of electric and magnetic fields, physical and visual ergonomics and good usability.

TCO'95 is a co-operative project between TCO (The Swedish Confederation of Professional Employees), Naturskyddsforeningen (The Swedish Society for Nature Conservation) and NUTEK (The National Board for Industrial and Technical Development in Sweden).

Environmental Requirements

Brominated flame retardants

Brominated flame retardants are present in printed circuit boards, cables, wires, casings and housings. In turn, they delay the spread of fire. Up to thirty percent of the plastic in a computer casing can consist of flame retardant substances. These are related to another group of environmental toxins, PCBs, which are suspected to give rise to similar harm, including reproductive damage in fish-eating birds and mammals, due to the bio-accumulative* processes. Flame retardants have been found in human blood and researchers fear that disturbances in foetus development may occur.

TCO'95 demand requires that plastic components weighing more than 25 grams must not contain organically bound chlorine and bromine.

Lead**

Lead can be found in picture tubes, display screens, solders and capacitors. Lead damages the nervous system and in higher doses, causes lead poisoning.

TCO'95 requirement permits the inclusion of lead since no replacement has yet been developed.

Cadmium**

Cadmium is present in rechargeable batteries and in the colourgenerating layers of certain computer displays. Cadmium damages the nervous system and is toxic in high doses. TCO'95 requirement states that batteries may not contain more than 25 ppm (parts per million) of cadmium. The colourgenerating layers of display screens must not contain any cadmium.

Mercury**

Mercury is sometimes found in batteries, relays, switches, and back-light systems. Mercury damages the nervous system and is toxic in high doses.

TCO'95 requirement states that batteries may not contain more than 25 ppm (parts per million) of mercury. It also demands that no mercury is present in any of the electrical or electronics components concerned with the display unit, except the back-light system.

CFCs (freons)

CFCs (freons) are sometimes used for washing printed circuit boards and in the manufacturing of expanded foam for packaging. CFCs break down ozone and thereby damage the ozone layer in the stratosphere, causing increased reception on Earth of ultraviolet light with consequent increased risks of skin cancer (malignant melanoma).

The relevant TCO'95 requirement; Neither CFCs nor HCFCs may be used during the manufacturing of the product or its packaging.

*Bio-accumulative is defined as substances which accumulate within living organisms.

**Lead, Cadmium and Mercury are heavy metals which are Bio-accumulative.

To obtain complete information on the environmental criteria document, order from:

TCO Development Unit
SE-114 94 Stockholm
SWEDEN
FAX Number: +46 8 782 92 07
E-mail (Internet): development@tco.se

You may also obtain current information on TCO'95 approved and labelled products by visiting their website at:
<http://www.tcodevelopment.com>

TCO'99

White Model

Congratulations! You have just purchased a TCO'99 approved and labeled product! Your choice has provided you with a product developed for professional use. Your purchase has also contributed to reducing the burden on the environment and also to the further development of environmentally adapted electronics products.



Why do we have environmentally labelled computers?

In many countries, environmental labelling has become an established method for encouraging the adaptation of goods and services to the environment. The main problem, as far as computers and other electronics equipment are concerned, is that environmentally harmful substances are used both in the products and during the manufacturing. Since it has not been possible for the majority of electronics equipment to be recycled in a satisfactory way, most of these potentially damaging substances sooner or later enter Nature.

There are also other characteristics of a computer, such as energy consumption levels, that are important from the viewpoints of both the work (Internal) and natural (external) environments. Since all methods of conventional electricity generation have a negative effect on the environment (acidic and climate-influencing emissions, radioactive waste, etc.), it is vital to conserve energy. Electronics equipment in offices consume an enormous amount of energy since they are often left running continuously.

What does labelling involve?

This product meets the requirements for the TCO'99 scheme which provides for international and environmental labelling of personal computers. The labelling scheme was developed as a joint effort by the TCO (The Swedish Confederation of Professional Employees), Svenska Naturskyddsforeningen (The Swedish Society for Nature Conservation) and Statens Energimyndighet (The Swedish National Energy Administration).

The requirements cover a wide range of issues: environment, ergonomics, usability, emission of electrical and magnetic fields, energy consumption and electrical and fire safety.

The environmental demands concern restrictions on the presence and use of heavy metals, brominated and chlorinated flame retardants, CFCs (freons) and chlorinated solvents, among other things. The product must be prepared for recycling and the manufacturer is obliged to have an environmental plan which must be adhered to in each country where the company implements its operational policy. The energy requirements include a demand that the computer and/or display, after a certain period of inactivity, shall reduce its power consumption to a lower level in one or more stages. The length of time to reactivate the computer shall be reasonable for the user.

Labelled products must meet strict environmental demands, for example, in respect of the reduction of electric and magnetic fields, physical and visual ergonomics and good usability.

Environmental Requirements

Flame retardants

Flame retardants are present in printed circuit boards, cables, wires, casings and housings. In turn, they delay the spread of fire. Up to thirty percent of the plastic in a computer casing can consist of flame retardant substances. Most flame retardants contain bromine or chloride and these are related to another group of environmental toxins, PCBs, which are suspected to give rise to severe health effects, including reproductive damage in fish-eating birds and mammals, due to the bioaccumulative* processes. Flame retardants have been found in human blood and researchers fear that disturbances in foetus development may occur.

TCO'99 demand requires that plastic components weighing more than 25 grams must not contain flame retardants with organically bound chlorine and bromine. Flame retardants are allowed in the printed circuit boards since no substitutes are available.

Lead**

Lead can be found in picture tubes, display screens, solders and capacitors. Lead damages the nervous system and in higher doses, causes lead poisoning.

TCO'99 requirement permits the inclusion of lead since no replacement has yet been developed.

Cadmium**

Cadmium is present in rechargeable batteries and in the colourgenerating layers of certain computer displays. Cadmium damages the nervous system and is toxic in high doses. TCO'99 requirement states that batteries, the colourgenerating layers of display screens and the electrical or electronics components must not contain any cadmium.

Mercury**

Mercury is sometimes found in batteries, relays and switches. Mercury damages the nervous system and is toxic in high doses. TCO'99 requirement states that batteries may not contain any Mercury. It also demands that no mercury is present in any of the electrical or electronics components associated with the display unit.

CFCs (freons)

CFCs (freons) are sometimes used for washing printed circuit boards. CFCs break down ozone and thereby damage the ozone layer in the stratosphere, causing increased reception on Earth of ultraviolet light with consequent increased risks of skin cancer (malignant melanoma).

The relevant TCO'99 requirement; Neither CFCs nor HCFCs may be used during the manufacturing and assembly of the product or its packaging.

*Bio-accumulative is defined as substances which accumulate within living organisms.

**Lead, Cadmium and Mercury are heavy metals which are Bio-accumulative.

To obtain complete information on the environmental criteria document, order from:

TCO Development Unit
SE-114 94 Stockholm
SWEDEN
FAX Number: +46 8 782 92 07
E-mail (Internet): development@tco.se

You may also obtain current information on TCO'99 approved and labelled products by visiting their website at:
<http://www.tcodevelopment.com>

Serial Number Information

Refer to the serial number information shown below.

EX.) SERIAL NUMBER LABEL

Model Name : LCD2080UX
LCD2080UX-BK

SERIAL NO. :



Manufactured Year :
(Last digit)

Manufactured Month :
January to September 1 to 9
October X
November Y
December Z

Classification code :
Discriminate by cabinet color
0: A ver. White cabinet
1: A ver. Black cabinet
2: B ver. White cabinet
3: B ver. Black cabinet

Running number :
Notes : This running number doesn't reset at each month.
(Example)
Jan. : 00001, 00002, 00003,, 01234,
Feb. : 01235, 01236, 01237,, 99999, 00001,
Mar. : 00002, 00003, 00004,

Factory Code:
NMV Nagasaki factory: E
NPG China factory : Y

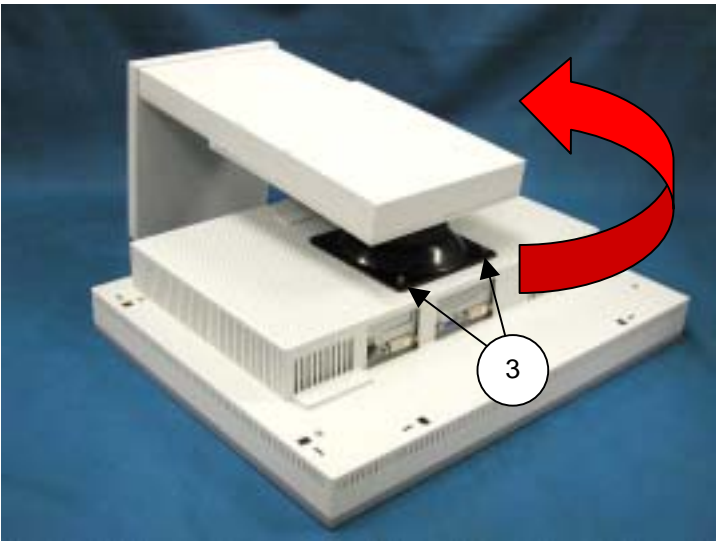
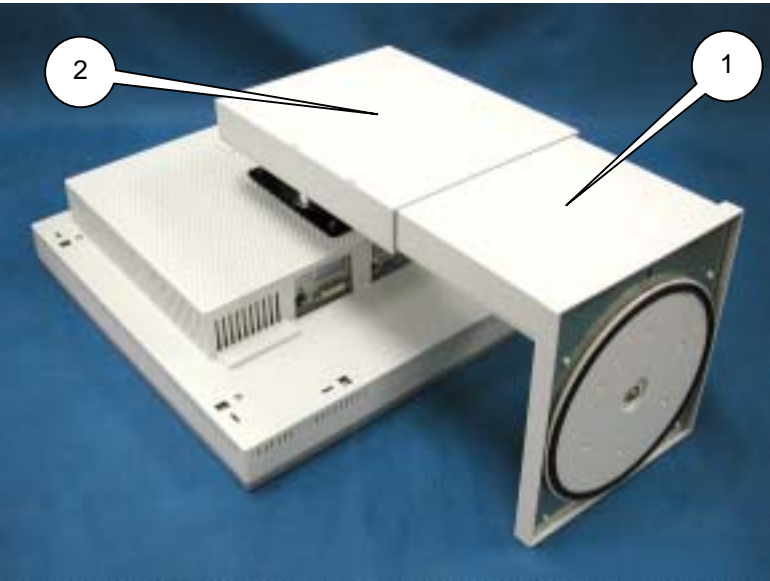
Control Code:
For A ver. (U.S.A.) : A
For B ver. (Europe and Asia and Pacific) : B

DISASSEMBLY

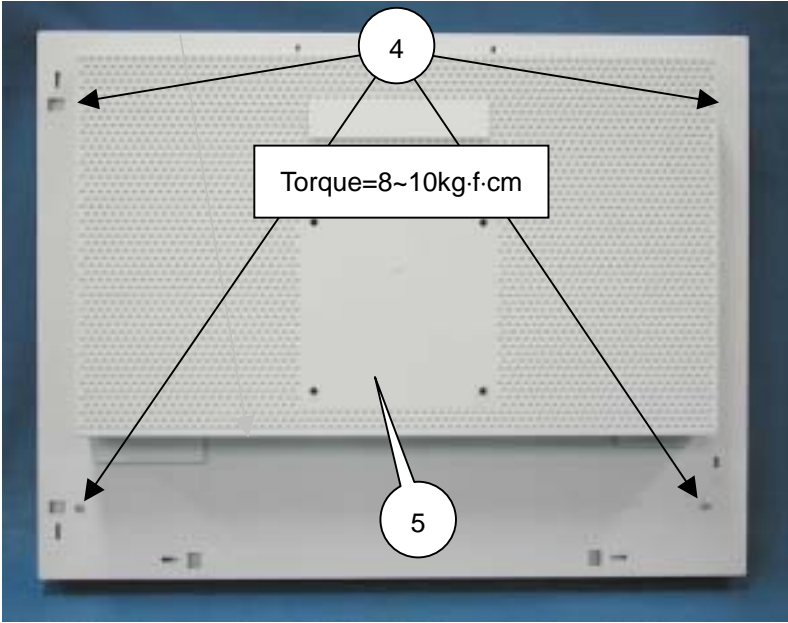
- Before you disassemble the set, turn off power and pull out the power plug.
- Use the proper screwdriver. If oversize or undersize screwdriver is used, screws may be damaged.
- Assembly is the opposite process of disassembly.

Manufactured by NMV

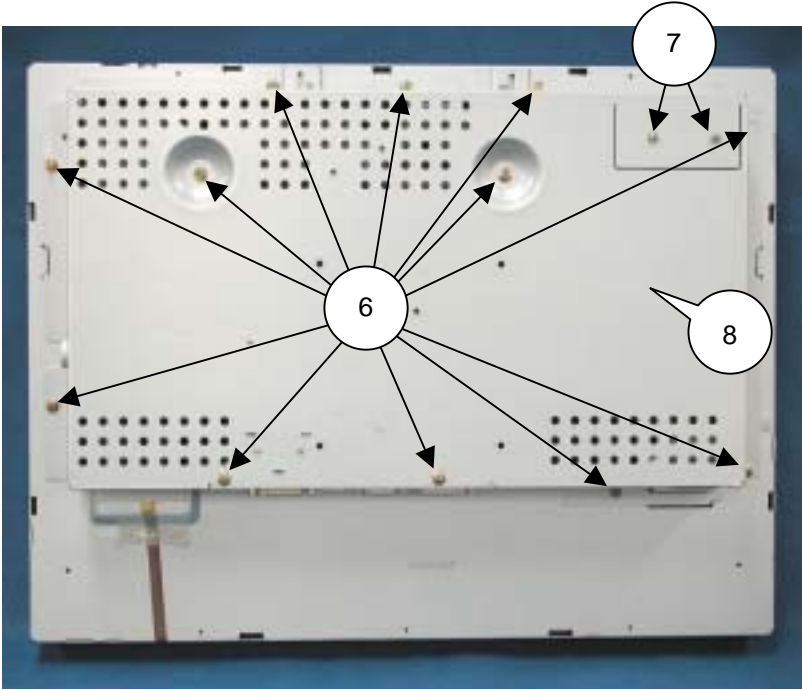
SYMBOL	CODE	DESCRIPTION	COLOR
1	25261611	STAND UNIT,L202EV-W	White
1	25261651	STAND UNIT,L202EV-BK	Black
2	25435661	STAND COVER TB,L202EV-W	White
2	25435791	STAND COVER TB,L202EV-BK	Black
3	25854371	SC,PL-CPIMS4*16*3K	---



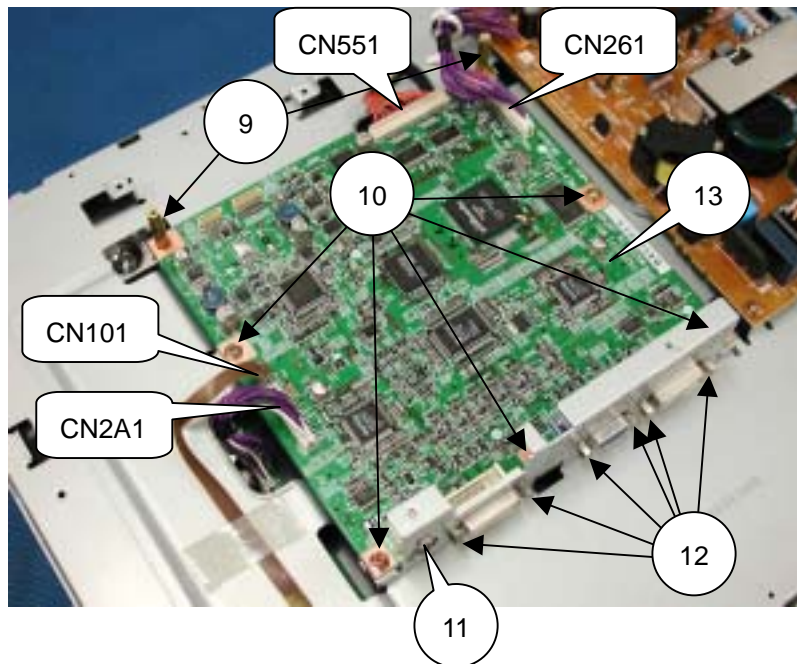
SYMBOL	CODE	DESCRIPTION	COLOR
4	25854361	SC,CBIMS3*10*3G	White
4	25854411	SC,CBIMS3*10*3K	Black
5	25327301	BACK ASSY,L202EV-WH(AB)-N	White
5	25327501	BACK ASSY,L202EV-BK(AB)-N	Black



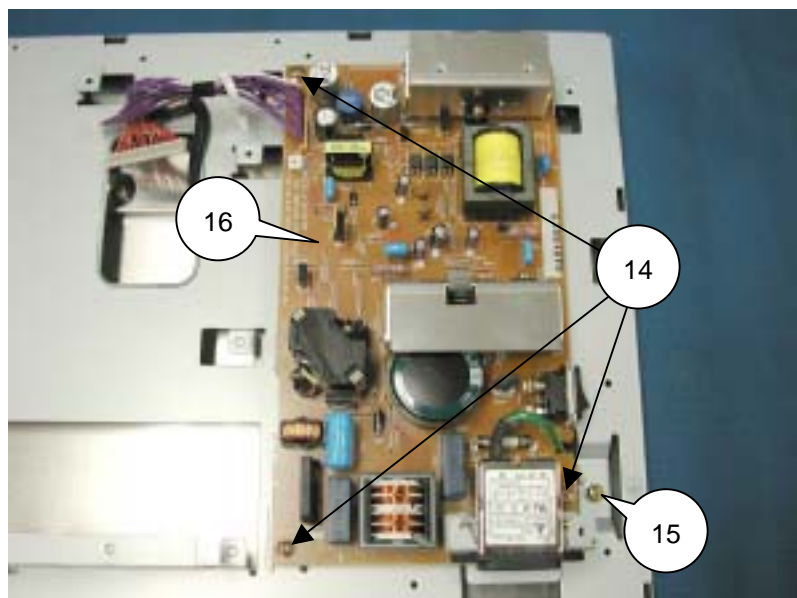
SYMBOL	CODE	DESCRIPTION	COLOR
6	25854311	SCREW-TS-HEX 3X6	---
7	25853681	SCREW(P-M2.6*6)	---
8	25551431	SHEILD B,L202EV	---



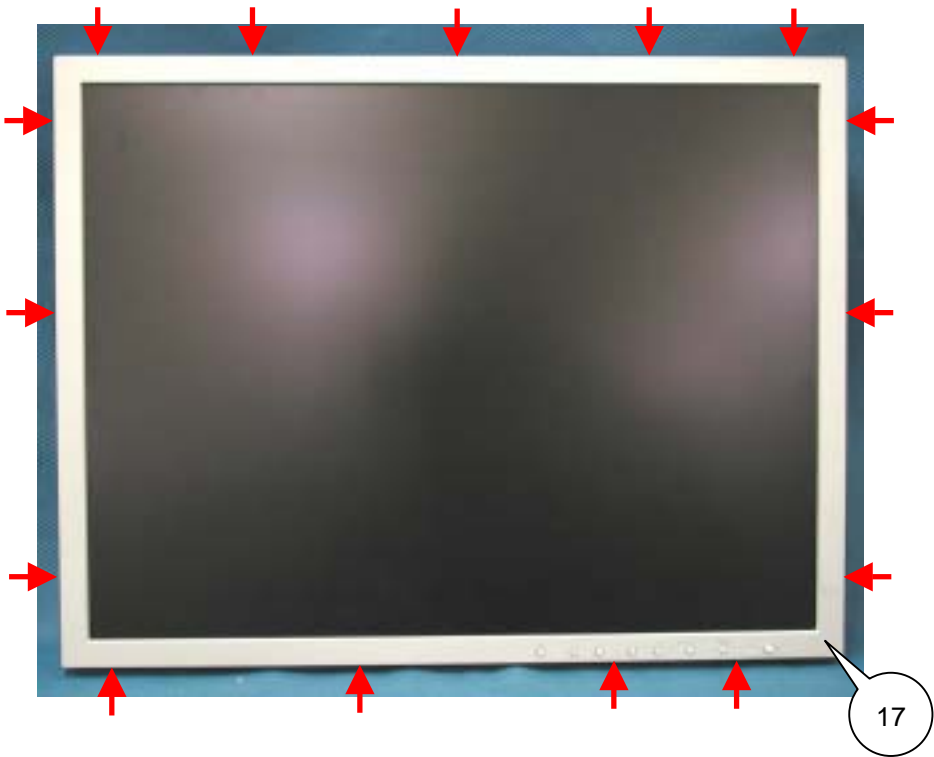
SYMBOL	CODE	DESCRIPTION	COLOR
9	25853661	SUPPORT(L=25)	---
10	25854311	SCREW-TS-HEX 3X6	---
11	25854341	SC,CBIMS3*6*3G	---
12	7A059178	SCREW4.40UNC	---
13	8BEV1M01	ASSY-PWB-MAIN	---



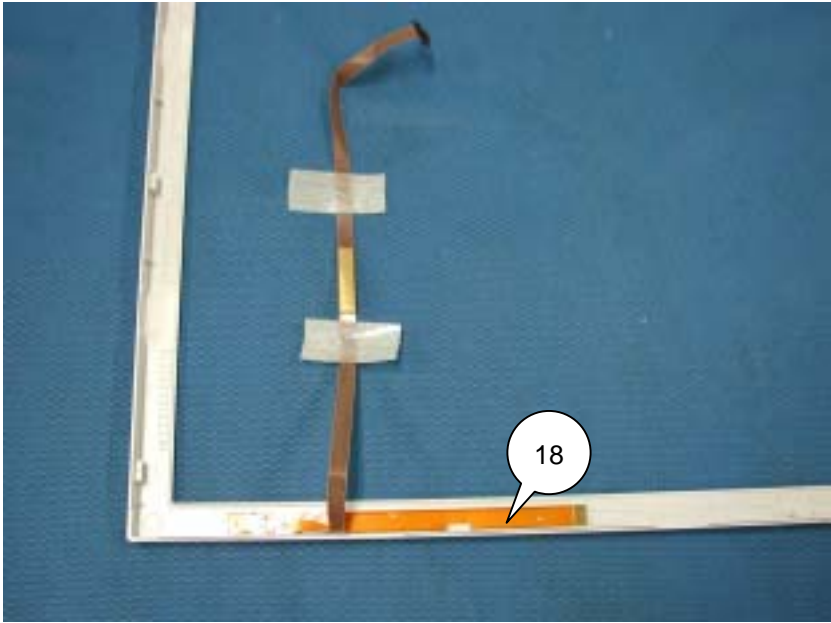
SYMBOL	CODE	DESCRIPTION	COLOR
14	25854311	SCREW-TS-HEX 3X6	---
15	25853841	SCREW-SEMS M4X8	---
16	8BEV1P01	ASSY-PWB-POWER	---



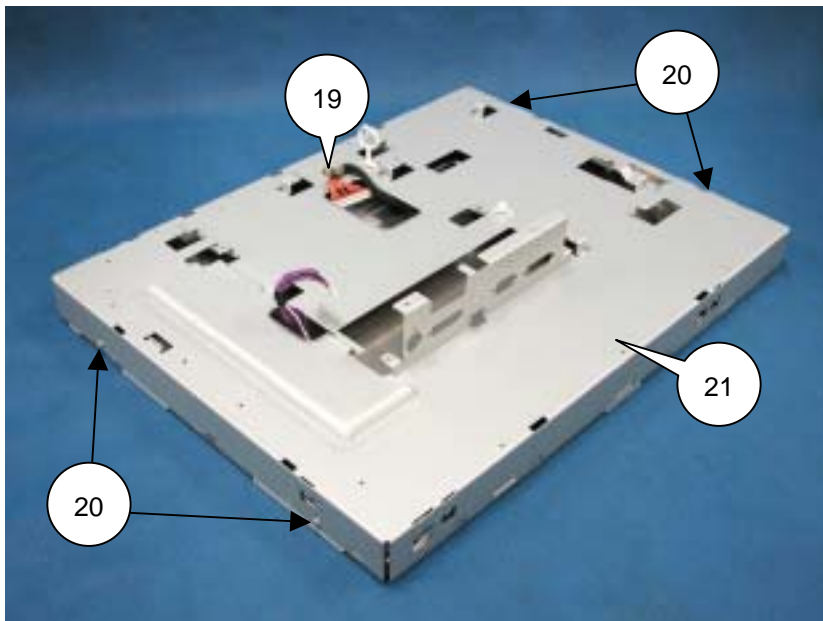
SYMBOL	CODE	DESCRIPTION	COLOR
17	25327291	BEZEL,L202EV-WH(AB)-N	White
17	25327491	BEZEL,L202EV-BK(AB)-N	Black



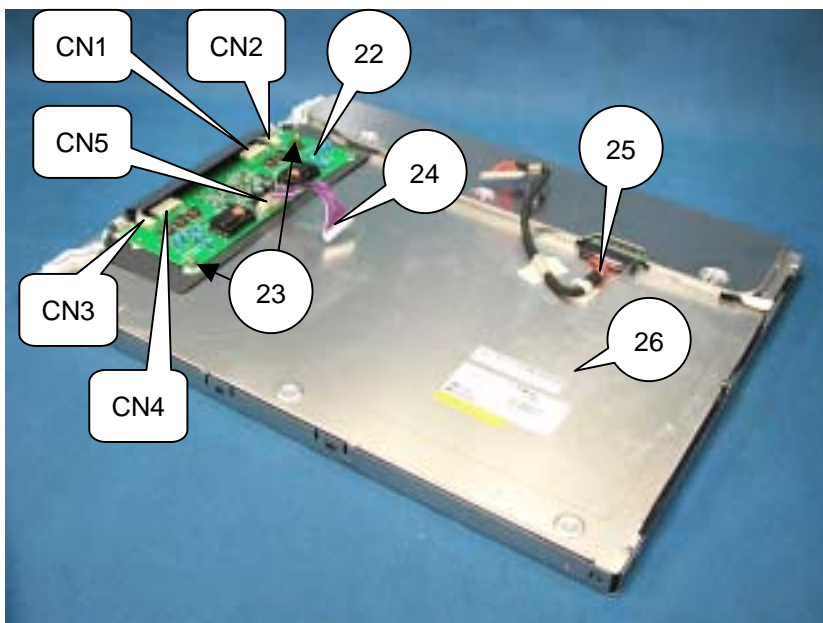
SYMBOL	CODE	DESCRIPTION	COLOR
18	7A392036	CABLE BUTTON WHT	White
18	7A392037	CABLE BUTTON BLK	Black



SYMBOL	CODE	DESCRIPTION	COLOR
19	25854311	SCREW-TS-HEX 3X6	---
20	25854341	SC,CBIMS3*6*3G	---
21	25551401	BRACKET BASE ASSY,L202EV	---

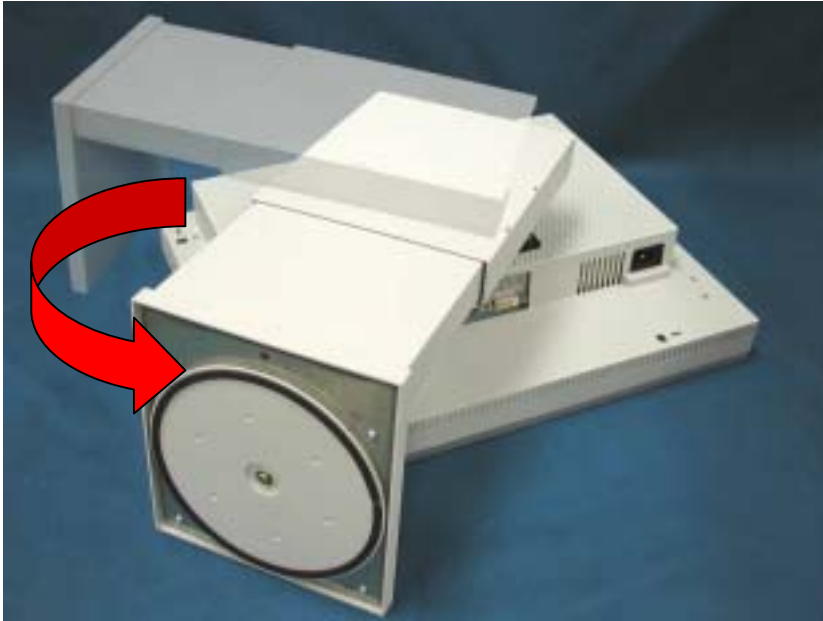


SYMBOL	CODE	DESCRIPTION	COLOR
22	7A930026	SKD LCD2080UX INVERTER	---
23	25854391	SC,PL-CPIMS3*6*15B	---
24	7A389053	WIRE CB13P 1007#26L70	---
25	7A389052	WIRE CC30P 1516#30L250	---
26	3A684034	LCD LM201U03 LGPHILIPS	---



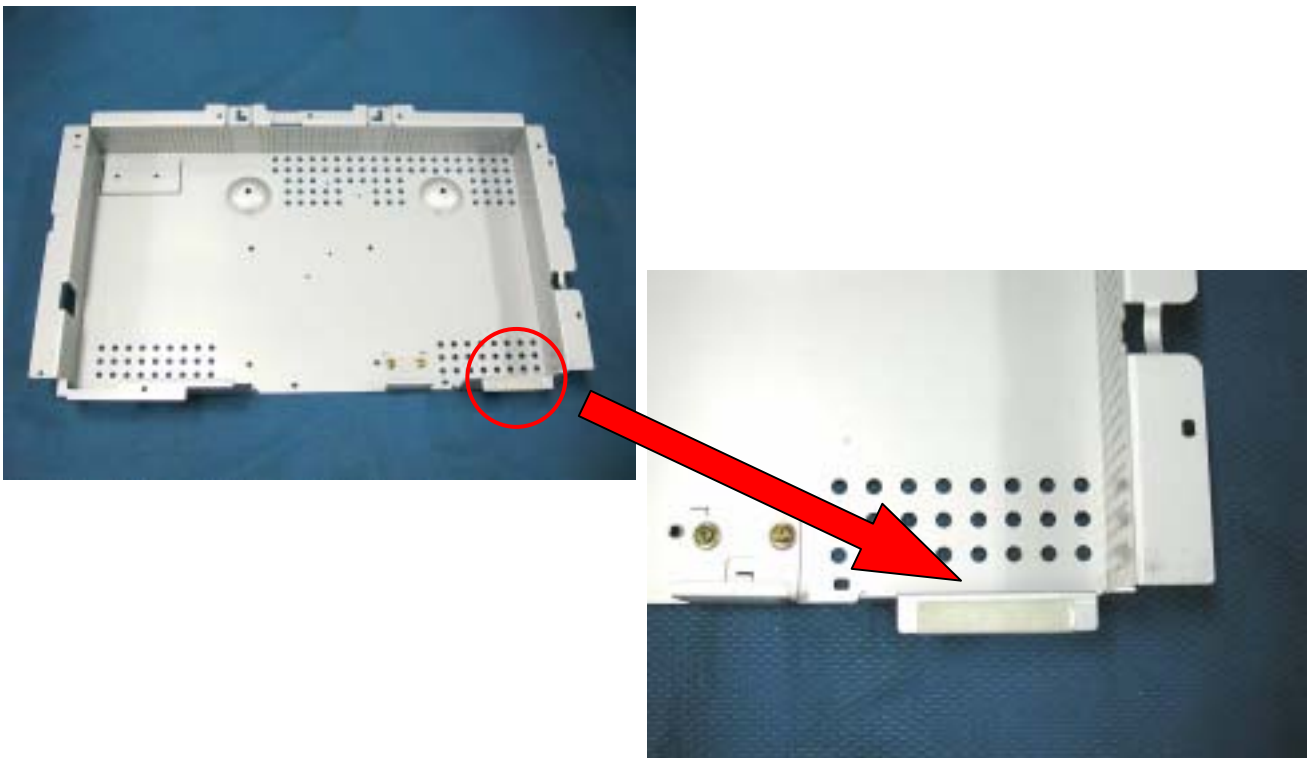
Cautions for the Installation of the Stand Unit.

Carry out the counterclockwise rotation of the rotation direction when attaching a stand unit.



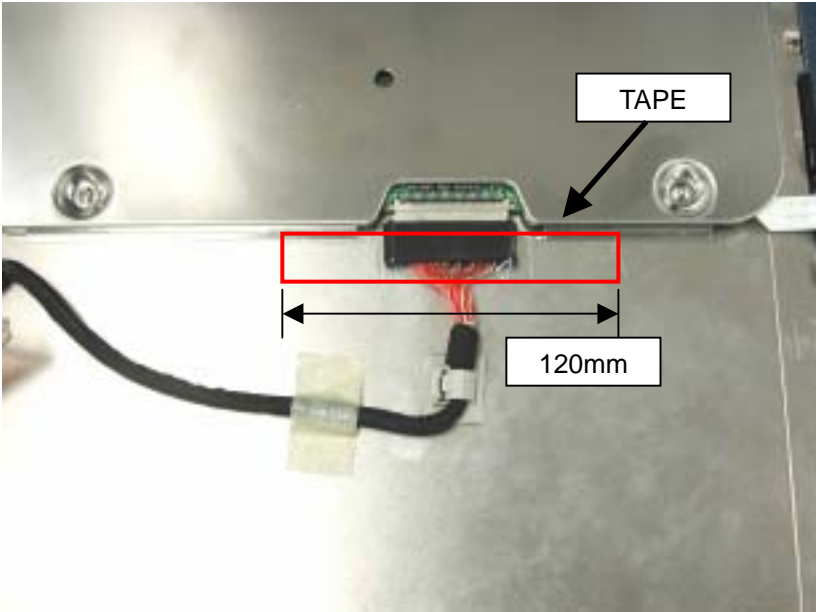
Cautions for the Installation of the Shield Case.

A shield case sticks a tape on the portion in contact with a FPC cable.

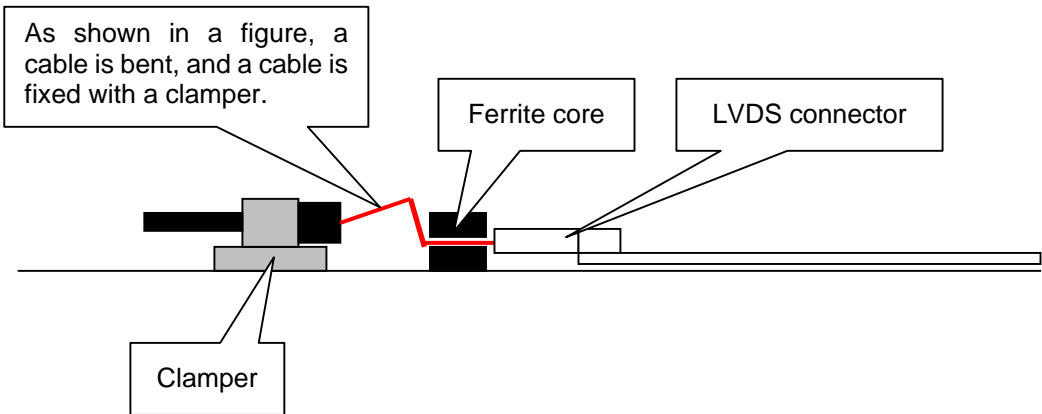


Cautions about the Assembly of the LVDS Cable.

A tape is stuck on the core of a LVDS cable.

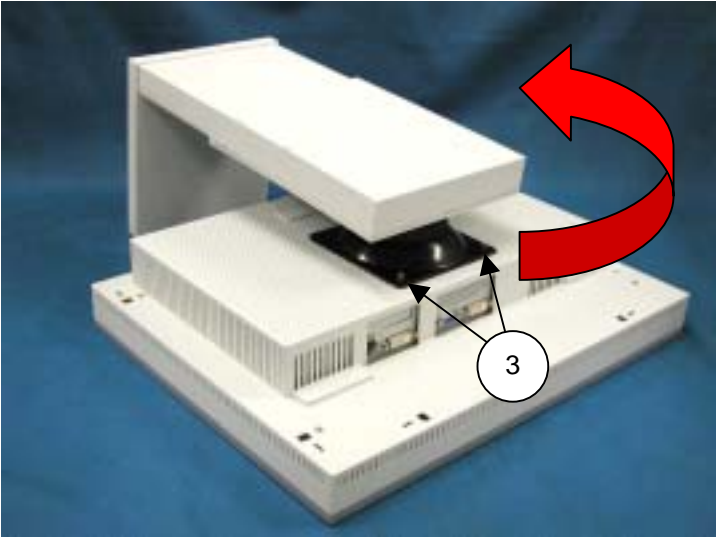
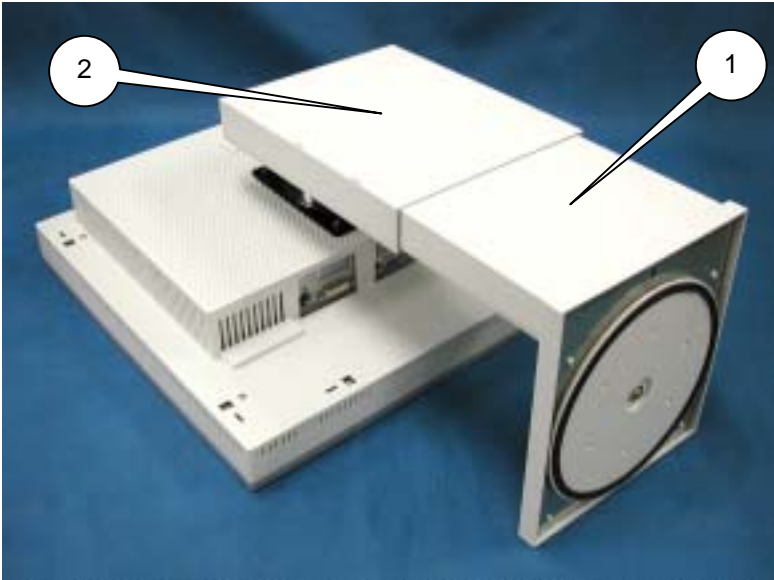


The wiring method of a LVDS cable.

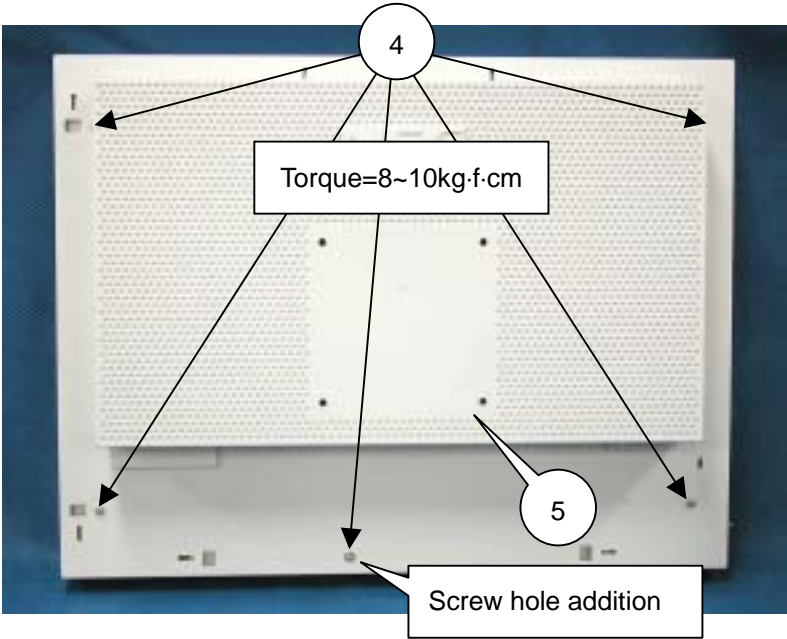


Manufactured by NPG

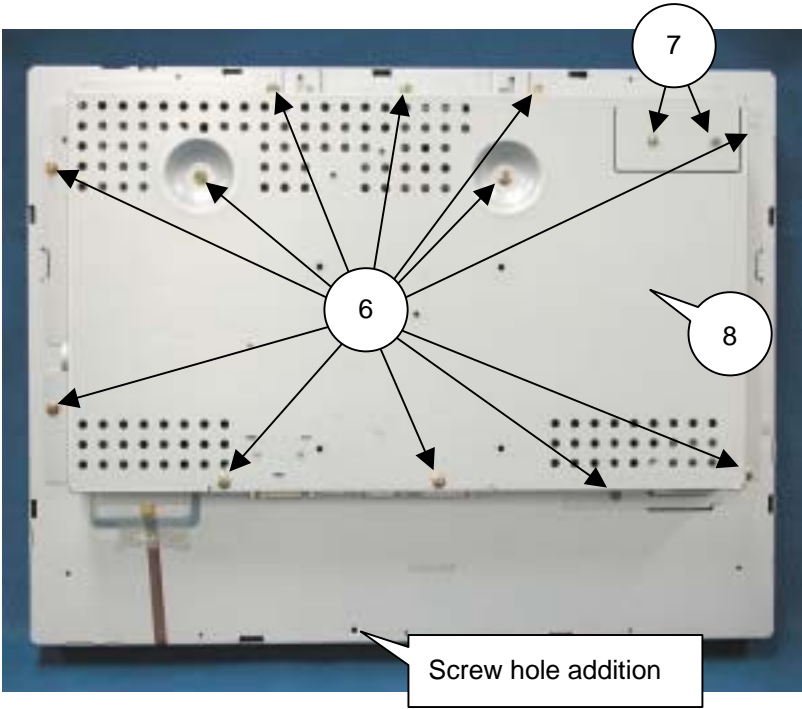
SYMBOL	Part No for NPG	Part No for NMV	DESCRIPTION	COLOR
1	11002191	79PQ6077	STAND UNIT,L202EV(WH)	White
1	11002201	79PQ6078	STAND UNIT,L202EV(BK)	Black
2	11002211	79PQ6079	STAND COVER TB,L202EV(WH)	White
2	11002221	79PQ6080	STAND COVER TB,L202EV(BK)	Black
3	---	---	SC,PL-CPIMS4*16*3K	---



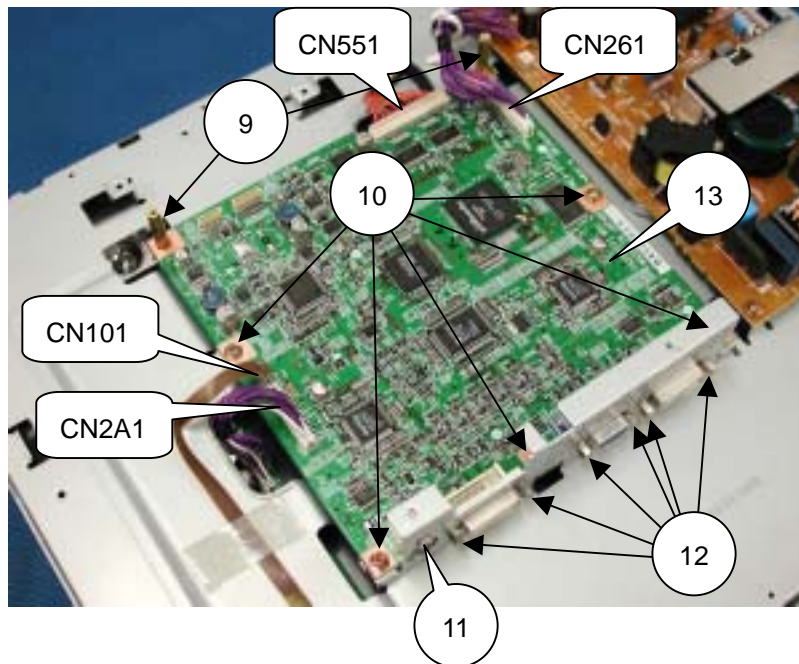
SYMBOL	Part No for NPG	Part No for NMV	DESCRIPTION	COLOR
4	---	---	SC,CBIMS3*10*3G	White
4	---	---	SC,CBIMS3*10*3K	Black
5	10104391	79PQ6062	BACK ASSY,L202EV(WH,N)	White
5	10104401	79PQ6063	BACK ASSY,L202EV(BK,N)	Black



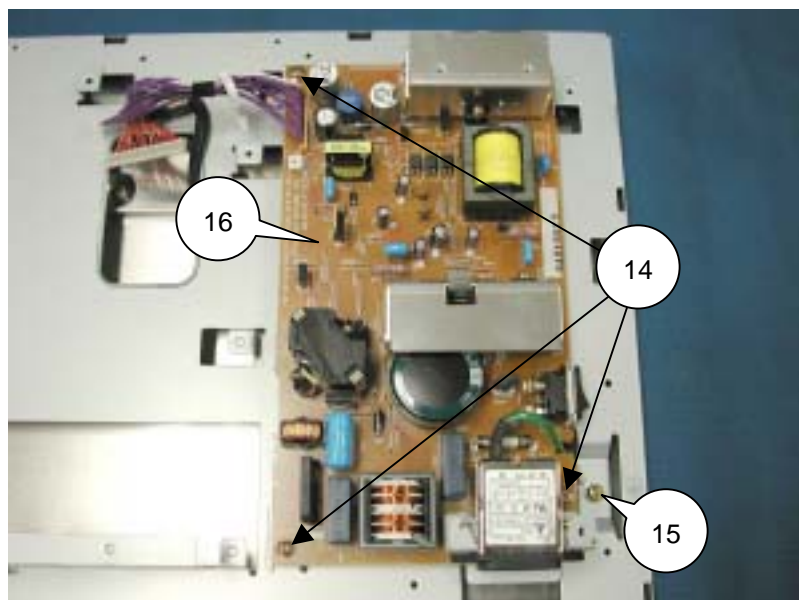
SYMBOL	Part No for NPG	Part No for NMV	DESCRIPTION	COLOR
6	---	---	SCREW-TS-HEX 3X6	---
7	---	---	SCREW(P-M2.6*6)	---
8	---	---	SHEILD B,L202EV	---



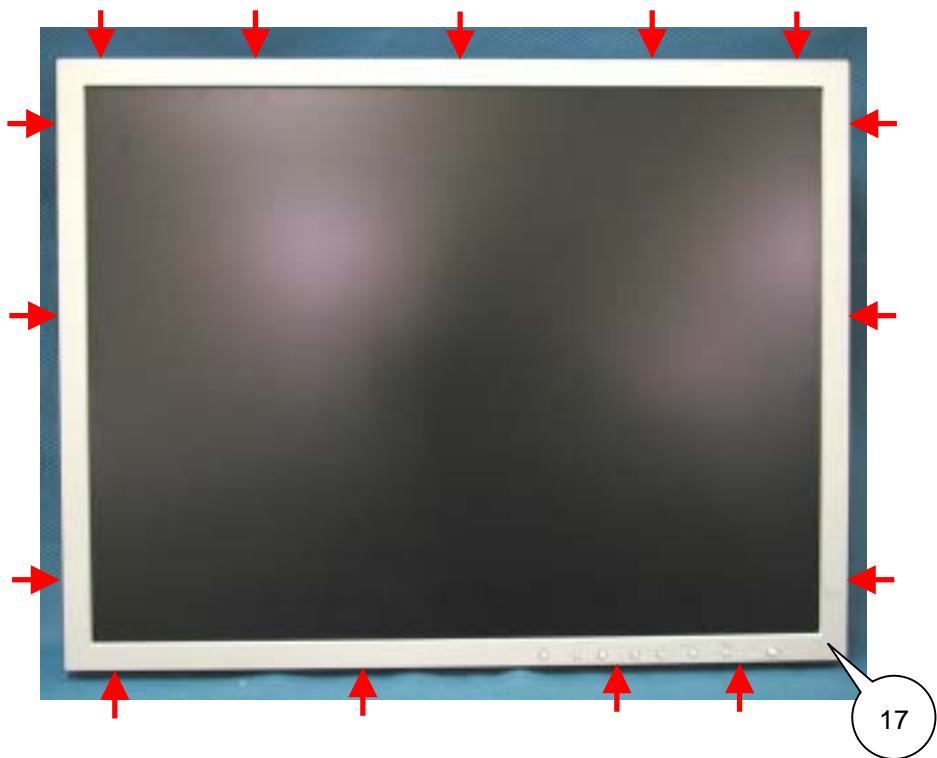
SYMBOL	Part No for NPG	Part No for NMV	DESCRIPTION	COLOR
9	---	---	SUPPORT(L=25)	---
10	---	---	SCREW-TS-HEX 3X6	---
11	---	---	SC,CBIMS3*6*3G	---
12	---	---	SCREW4.40UNC	---
13	AM0EV1ML	79PQ6103	MAIN INSERT ASSY	---



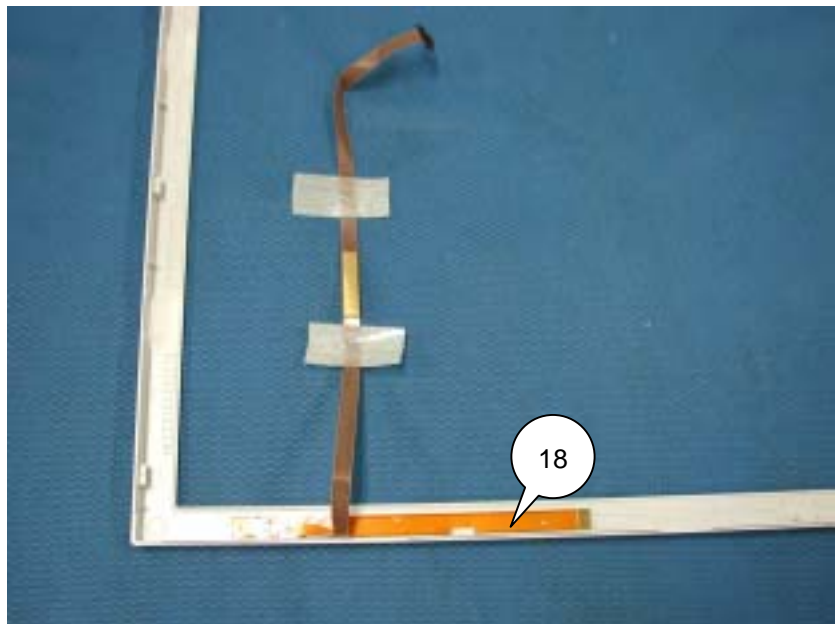
SYMBOL	Part No for NPG	Part No for NMV	DESCRIPTION	COLOR
14	---	---	SCREW-TS-HEX 3X6	---
15	---	---	SCREW-SEMS M4X8	---
16	AP0EV1ML	79PQ6104	POWER INSERT ASSY	---



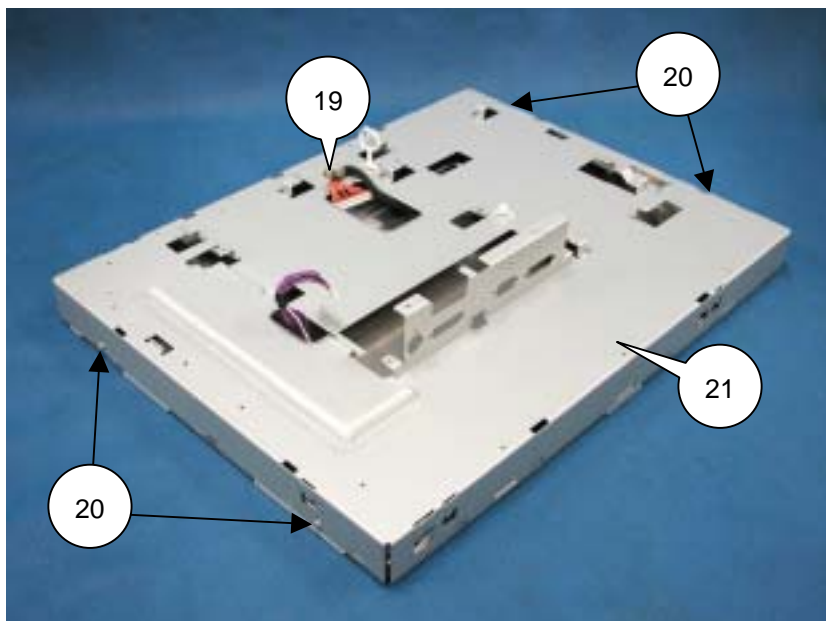
SYMBOL	Part No for NPG	Part No for NMV	DESCRIPTION	COLOR
17	10104361	79PQ6074	BEZEL,L202EV(WH,N)	White
17	10104371	79PQ6075	BEZEL,L202EV(BK,N)	Black



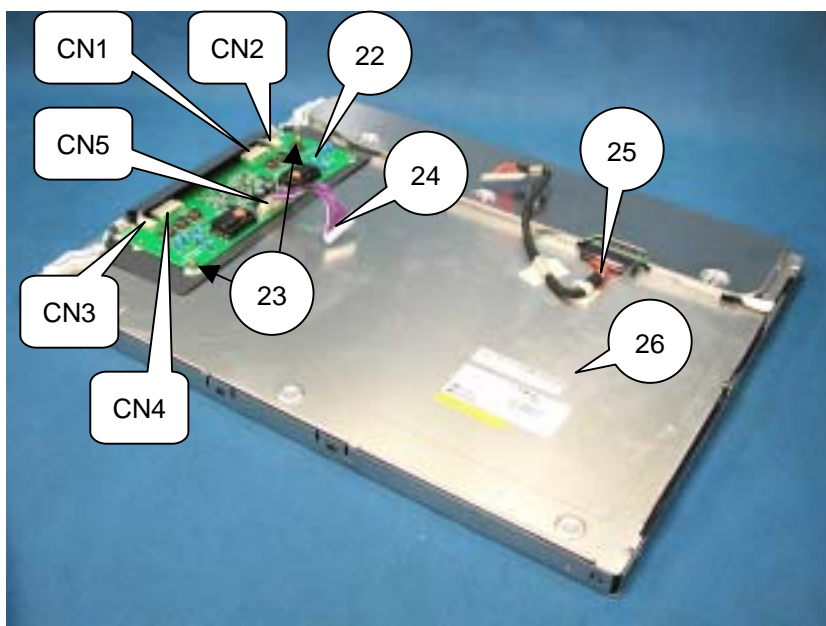
SYMBOL	Part No for NPG	Part No for NMV	DESCRIPTION	COLOR
18	JM100111	79PQ6284	CABLE BUTTON WHT	White
18	JM100121	79PQ6285	CABLE BUTTON BLK	Black



SYMBOL	Part No for NPG	Part No for NMV	DESCRIPTION	COLOR
19	---	---	SCREW-TS-HEX 3X6	---
20	---	---	SC,CBIMS3*6*3G	---
21	12301211	79PQ6065	BRACKET BASE ASSY,L202EV	---

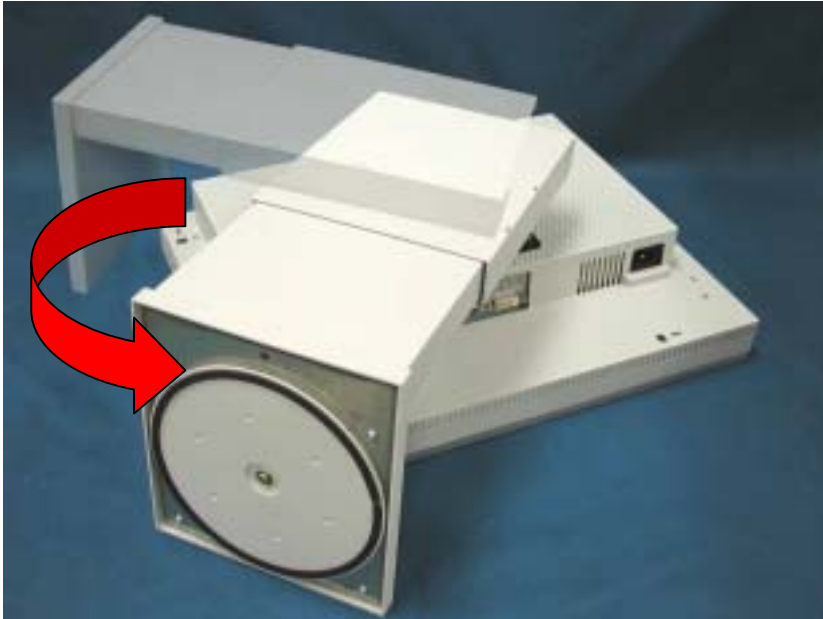


SYMBOL	Part No for NPG	Part No for NMV	DESCRIPTION	COLOR
22	JM100131	79PQ6286	INVERTER UNIT L202EV	---
23	---	---	SC,PL-CPIMS3*6*15B	---
24	RC200361	79PQ6289	WIRE CB13P 1007#26L70	---
25	RC200351	79PQ6288	WIRE CC30P 1516#30L250	---
26	3A684034 (For NMV Part)	3A684034	LCD LM201U03 LGPHILIPS	---



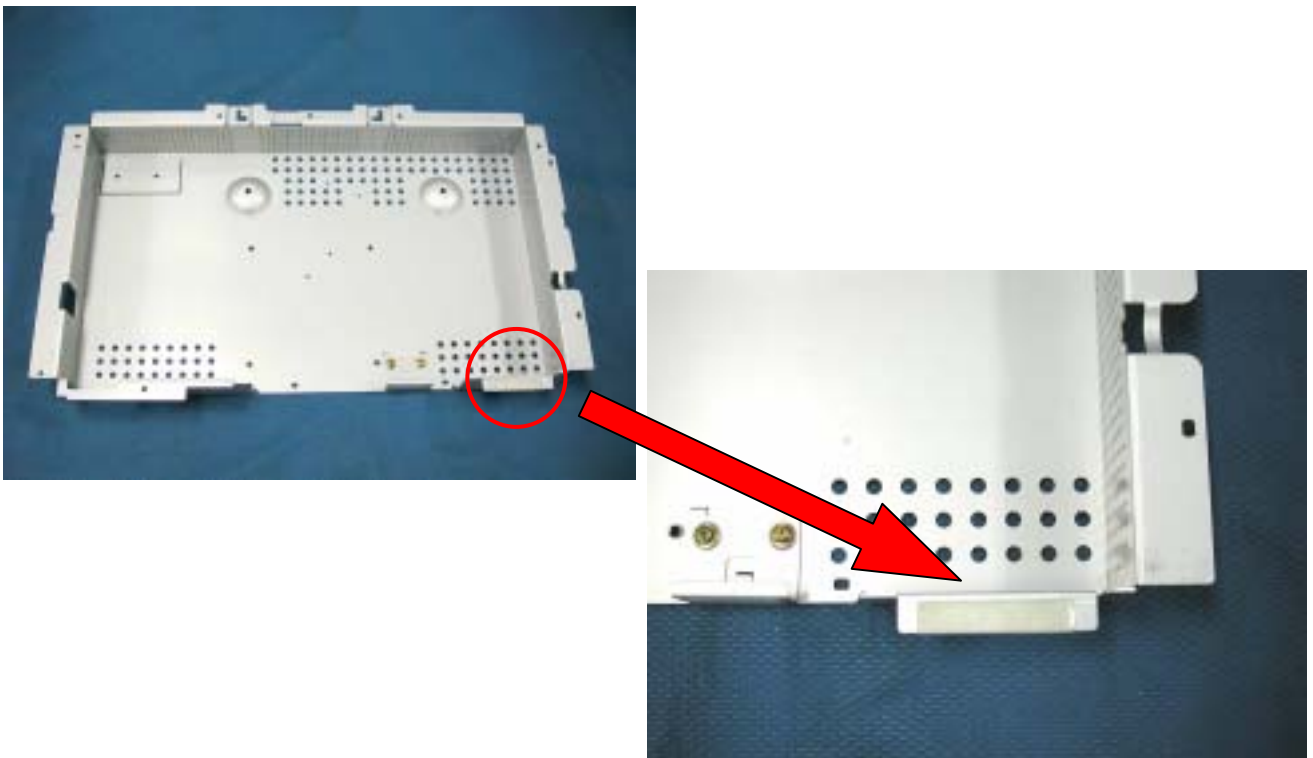
Cautions for the Installation of the Stand Unit.

Carry out the counterclockwise rotation of the rotation direction when attaching a stand unit.



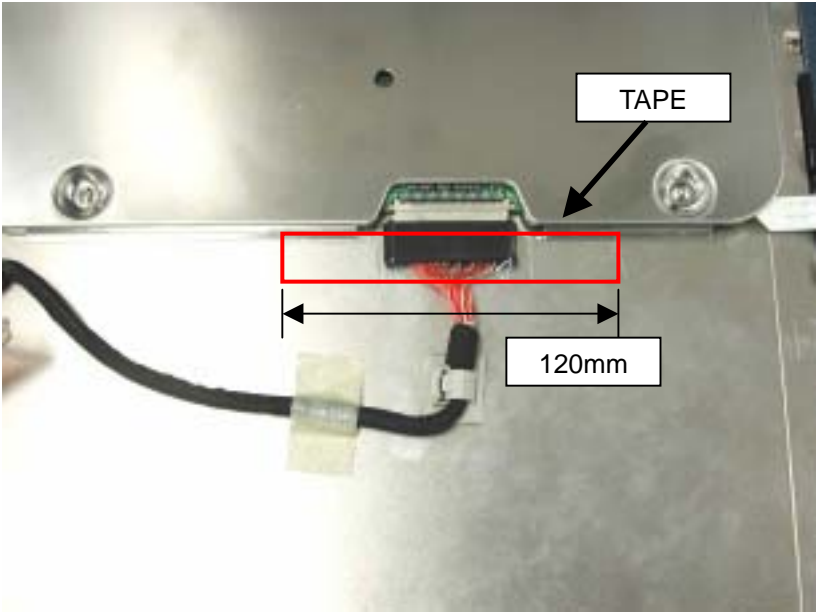
Cautions for the Installation of the Shield Case.

A shield case sticks a tape on the portion in contact with a FPC cable.

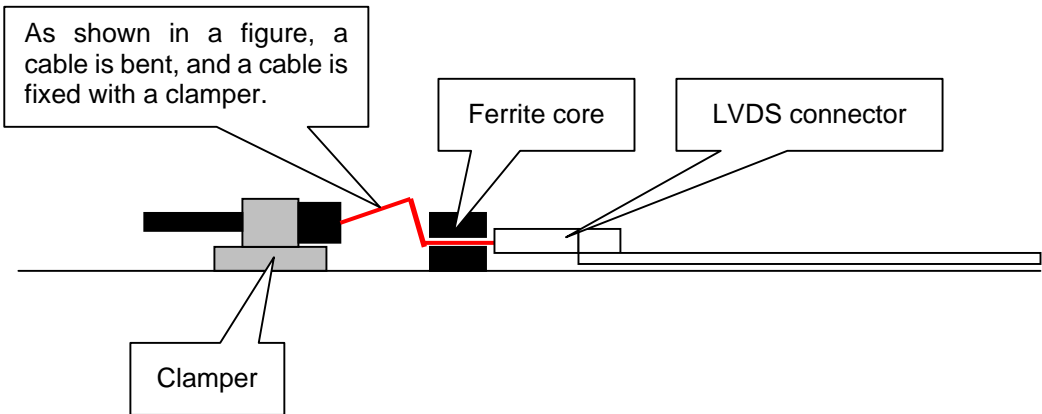


Cautions about the Assembly of the LVDS Cable.

A tape is stuck on the core of a LVDS cable.



The wiring method of a LVDS cable.



ADJUSTMENT PROCEDURES

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1. Application

This specification should be applied to the adjustment of the LCD2080UX unit.

2. Basic Operation

2.1 General Conditions

Unless otherwise specified, adjustments should be carried out under the following conditions:

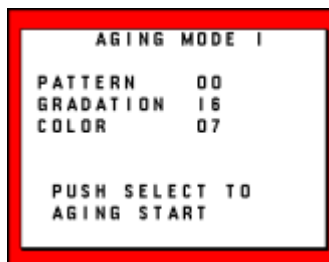
- 1) Power source voltage: AC 100 - 240V \pm 5%, 50/60Hz
- 2) Equipment to be used: Equipment that can generate an output of the adjusted VG-819/VG-812 unit or equivalent
- 3) Connections: Connections are made to the DVI connector (INPUT1) and the D-SUB connector (INPUT2) of the unit under inspection by means of the connector that can carry each output of the VG-819. The VIDEO input of the unit being inspected should be changed through INPUT 1/2 according to the instructions given in each item.

2.2 Basic Operation

2.2.1 Aging

Prior to the adjustment of this model, 30 minutes of aging should be carried out. The method of aging mode setting should conform to the following:

- 1) Turn the POWER switch on while there are no inputs of the VIDEO and SYNC signals.
- 2) Confirm that the information OSM is displayed.
(Press the ◀ LEFT and ▶ RIGHT or (+)UP and (-)DOWN key to display the information OSM.)
- 3) Then, Press the (+)UP and (-)DOWN keys simultaneously with the RESET key kept pressed. Then the mode moves to the aging mode.



- 4) If there is no particular operation, an all white screen (16/16 gradation) is displayed.
- 5) Operate the (+)UP and (-)DOWN keys in this state. Then, operation for the gradation becomes possible. It is also possible to change the pattern by operating the ◀ LEFT and ▶ RIGHT keys.
- 6) When withdrawing from the aging mode, press the EXIT key or turn off the POWER switch.

During operation in the aging mode, the power save mode is not assumed. The LED maintains the green display.

2.2.2 Video Input Change

Irrespective of the presence of a signal input, the video input change is possible in the toggle mode by pressing the INPUT 1/2 key while the OSM display is not presented. When examining the input port after the accomplishment of input change, such a confirmation can be made according to the OSM display that is given shortly after the input change.

2.2.3 Service Mode / Factory Mode

At the time of adjustment of this model, a suggestion may be given to enter the service (factory) mode. This will be explained below.

(1) Service mode:

- 1) In the "display mode" menu, press the ◀ LEFT and ▶ RIGHT keys at the same time while pressing the RESET key.



- 2) When the SELECT key is pressed under the condition that the WARNING screen is displayed, the mode moves to the SERVICE mode. At that time, the LED is green. The OSM frame remains yellow. The OSM AUTO-OFF function is disabled.
- 3) When withdrawing from the SERVICE mode, press the EXIT key in the highest hierarchy of the SERVICE menu, or make a signal change, or take an action of POWER OFF.

(2) Factory mode:

- 1) In the same manner as that for the SERVICE mode, obtain an OSM display of [display mode].
- 2) Press the RESET key and the (+)UP and (-)DOWN keys at the same time.
- 3) When the SELECT key is pressed under the condition that the WARNING screen is displayed, the mode moves to the FACTORY mode. At that time, the LED is yellow. The OSM frame remains to be red. The OSM AUTO-OFF function is disabled.
- 4) When withdrawing from the FACTORY mode, press the EXIT key once in the highest hierarchy of the SERVICE menu. When the WARNING screen is displayed, press the EXIT key twice further.

Note: Even though the EXIT key is pressed once in the highest hierarchy of the SERVICE menu, or a signal change is made, or an action of POWER OFF is taken, it is impossible to withdraw from the factory mode. In this case, the menu is just treated for no display.

(3) Service menu:

This is an OSM menu to be displayed when the mode is changed over to the SERVICE mode or the FACTORY mode. The conditions differ in each mode, in regard to the frame color, entering and withdrawal, and whether the data are recorded in the EEPROM. Items of the service menu are used in common.

3. Unit Adjustments

3.1 Measurement Instruments to be Used

The measuring instruments considered necessary for the adjustment of the LCD2080UX unit are specified below.

- 1) Equipment that can generate an output of the adjusted VG-819 unit or equivalent

3.2 Power Source Voltage

100 - 240V \pm 5%, 50/60Hz

3.3 Initial Power On

- 1) Make connections according to the mode intended for VG-819 cable setting.
- 2) Turn on the POWER switch of the VG-819 unit.
- 3) Connect an AC power cable to the unit under inspection.
- 4) Confirm that the vacation switch (seesaw switch) at the right side of the unit being inspected has been moved to the "I" side, and turn the POWER switch ON at the right side of the front.
- 5) The LED of the unit under inspection is amber. (In the middle of signal discrimination)
- 6) After the completion of signal discrimination, the LED is green.

3.4 Input Signals

Refer to Paragraph 3.6.1 for each adjustment item.

3.5 POWER ON and Signal Input

- 1) Turn on the vacation switch located on the side of the main unit (the power supply for the signal generator turned off) and turn on the power circuit by pressing the POWER key on the front panel. Confirm in this case that the LED is amber.

When the maintenance PWB is exchanged and the power supply is turned on for the first time:

- Since the initialization is carried out, the power supply must not be turned off for about 10 seconds.

- 2) Using the INPUT 1/2 key, apply an input to the specified port.

Each time the INPUT 1/2 key is pressed, the INPUT 1/2 is reciprocally exchanged. It is then possible to check the input port that has been selected with the OSM displayed when this switch is pressed.

- 3) Turn on the power supply of the signal generator and enter an input of Signal 1. Confirm that the LED is turned from amber to green.

* If this LED is not green at that time, it is regarded as a defective LED.

- 4) Prior to adjustments, execute the factory reset procedure without fail. The method of this action is described below.
 - a) Display the SERVICE menu and adjust the cursor to the item of SERVICE PRESET in Tab2.
 - b) Press the (+)UP and (-)DOWN keys to execute the factory reset procedure.

3.6 Manual Adjustments

3.6.1 Input Video Signal

VG-819 setting values

MODE			Signal 1	Signal 2	Signal 3
H	DOT CLOCK	[MHz]	162.000	25.18	108.000
	TOTAL	[DOT]	2160	800	1688
	DISP	[DOT]	1600	640	1280
	SYNC PULSE	[DOT]	192	96	112
	BACK	[DOT]	304	48	248
	HDstrat	[DOT]	0	0	0
	Hdwidth	[DOT]	0	0	0
V	INTERLACE		NON	NON	NON
	TOTAL	[H]	1250	525	1066
	DISP	[H]	1200	480	1024
	SYNC PULSE	[H]	3	2	3
	BACK PORCH	[H]	46	33	28
	EQPfp	[H]	0	0	0
	EQPbp	[H]	0	0	0
	SERRATION	[H]	OFF	OFF	OFF
	EDP	[H]	OFF	OFF	OFF
	VDs	[H]	0	0	0
	VBf	[H]	0	0	0
OUTPUT	OUTPUT MODE		ANALOG	ANALOG	ANALOG
	NRZ/RZ		NRZ	NRZ	NRZ
	CV				
	HS		POS	NEG	POS
	VS		POS	NEG	POS
	CS		NEG	NEG	NEG
	HD		POS	NEG	POS
	VD		POS	NEG	POS
	RGB		POS	POS	POS
	HT		POS	POS	POS
	C		POS	POS	POS
	VIDEO		0.70	0.70	0.70
	Set-up		OFF	OFF	OFF
	Sync		0.3	0.3	0.3
	Display setting		Gray scale + External frame (16 gradations) 0 ~ 100%		Solid all white

3.6.2 VIDEO Gain Adjustments

Use the signal source for which the analog output (R/G/B) has been adjusted to 0.7V.

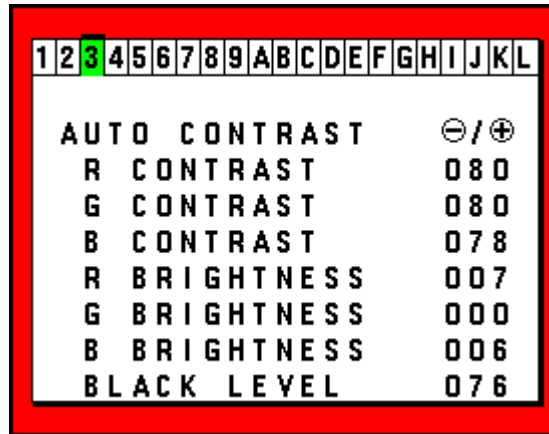
* Do both of INPUT 1/2 respectively because it becomes adjustment on the input side.

* Both are to do INPUT1(DVI Analog) and INPUT2(D-SUB).

1) Enter a signal input of UXGA (Signal 1 in the Input Video Signal Table) from INPUT1 (INPUT2).

2) Assume the FACTORY mode in the procedures of Paragraph 2.2.3 and display the SERVICE menu.

3) Press the RIGHT key twice and advance to the tab [3].



4) Adjust the display pattern to Gray Scale (0 to 100%: in 16 gradations) + Outer Frame.

* Remove SYNC because it doesn't become normal value when SYNC-ON-GREEN is being input.

(VG-819 : G is removed from CV of FUNC → OUTPUT.)

(VG-827 : The S/G signal is turned off.)

5) A SELECT key is press, and adjust the cursor to [AUTO CONTRAST]. Make adjustments by pressing the (+)UP and (-)DOWN keys.

6) It fails in the adjustment when either value of R, G, B is less than 50. A signal and a signal cable are checked and it adjusts again.

7) When adjustments are over and the original screen has been recovered, confirm that all the 16 gradations of black to white are displayed.

8) Press the EXIT key and withdraw from the SERVICE mode.

9) INPUT2(D-SUB) does it from 2) to 7), too.

3.7 Main Adjustment

3.7.1 Initial Data Writing by Program

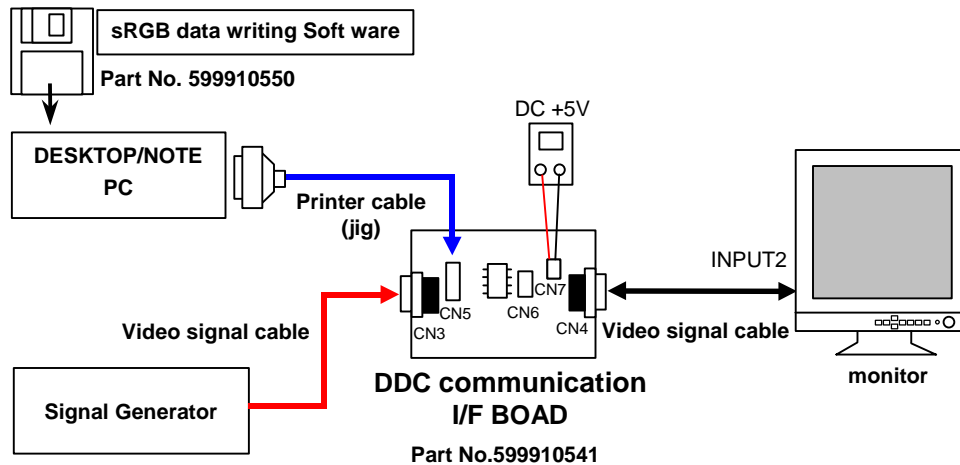
The initial data of brightness (hue data), color temperature (white balance), and γ data (sRGB, TEXT, VIDEO) are written by DDC-2Bi communications.

3.7.2 Connection Method

(1) Configuration

The unit configuration of this system and the method of connection are shown below.

Note: The PC type should be determined in consideration of a DOS/V compatible machine (IBM PC/AT compatible machine).



(2) Input signal

Horizontal sync frequency: Not specified.

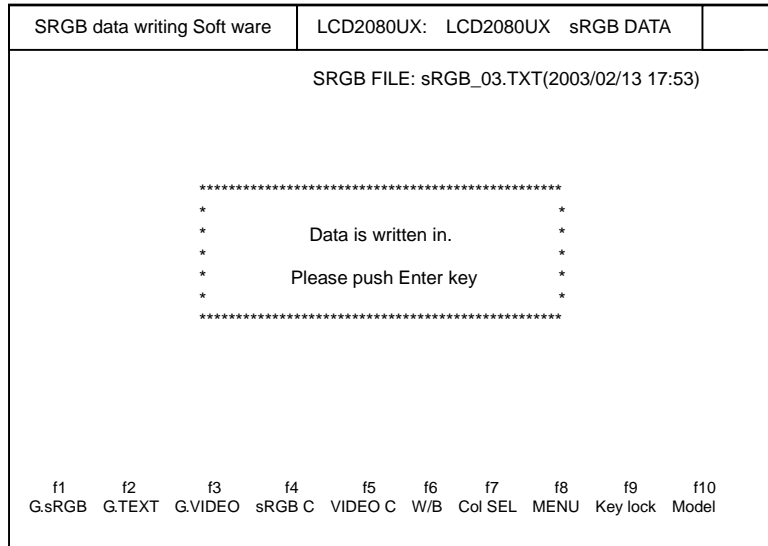
Vertical sync frequency: Not specified.

(3) Program required

sRGB data writing software (Part No. 599910550)

3.7.3 Data Writing Procedures

- Connect a signal cable to INPUT2 of the unit in which the data are being written.
- Set the data writing unit in the factory mode. (Refer to 2.2.3 Service mode/ factory mode)
- Copy all the files of the sRGB data writing software in a floppy diskette.
- Insert this floppy diskette and start the personal computer. Then, the following screen is displayed:



e. Operation key allotment

F1: sRGB-GAMMA writing ON/OFF

F2: TEXT-GAMMA writing ON/OFF

F3: VIDEO-GAMMA writing ON/OFF

F4: sRGB-Color writing ON/OFF

F5: VIDEO-Color writing ON/OFF

F6: White-Balance writing ON/OFF

F7: 5000K to 9600K, NATIVE change

F8: Monitor data, EEPROM Data ALL SAVE, EEPROM Data ALL Write, EEPROM Data EDIT

F9: F1 to F6 key operation lock

F10: Model selection

ESC: Return or End

Enter key: Fixed value writing for brightness (hue data), color temperature (white balance), and γ data (sRGB, TEXT, VIDEO)

In these procedures, only the Enter key is to be operated.

f. When the Enter key is pressed, the message in the center of the screen is turned into [Under the writing of data ...], and data writing is carried out.

SRGB data writing Soft ware	LCD2080UX: LCD2080UX sRGB DATA								
SRGB FILE: sRGB_03.TXT(2003/02/13 17:53)									
<div>***** * * * * * Under the writing of data ... * * * * * *****</div>									
f1 G.sRGB	f2 G.TEXT	f3 G.VIDEO	f4 sRGB C	f5 VIDEO C	f6 W/B	f7 Col SEL	f8 MENU	f9 Key lock	f10 Model

g. When the data have been written normally, the message in the center of the screen is turned into [It ended normally. Some keys are pushed.]. If any key is pressed, the initial screen is recovered. Data writing has been finished at this stage.

SRGB data writing Soft ware	LCD2080UX: LCD2080UX sRGB DATA								
SRGB FILE: sRGB_03.TXT(2003/02/13 17:53)									
***** * * It ended normally. * * * * Some key are pushed. * * * *****									
f1 G.sRGB	f2 G.TEXT	f3 G.VIDEO	f4 sRGB C	f5 VIDEO C	f6 W/B	f7 Col SEL	f8 MENU	f9 Key lock	f10 Model

3.7.4 sRGB Adjustment Procedures

The adjustment procedures shown below should be applied only if an accurate adjustment of sRGB is called for.

There is no problem in actual use of equipment so long as the items 3.7.1 to 3.7.3 described above are usually executed.

a. EEPROM (IC803) initialization

- 1) When a PWB is replaced with a maintenance PWB, the items 3.7.1 to 3.7.3 described above are executed.
- 2) When the EEPROM (IC803) is replaced, the items 3.7.1 to 3.7.3 described above are executed.
- 3) In the service menu of "tab F," confirm that each EEPROM address is given by a value specified in Table 1.

If any discrepancy is discovered, correct the address values. (In regard to the method of adjustment, refer to Item 3, Service menu in Chapter 5, Circuit Descriptions.)

Caution: The adjustment signal should be used at a definition of 1600 x 1200, 60Hz.

b. White balance data initialization

- 1) In the service menu of "tab F," confirm that each EEPROM address is given by a value specified in Table 2.

If any discrepancy is discovered, correct the address values. (In regard to the method of adjustment, refer to Item 3, Service menu in Chapter 5, Circuit Descriptions.)

c. sRGB 51 parameter setting

- 1) In the service mode of "sRGB," confirm that each table is given as specified in Table 3.

If any discrepancy is discovered, correct the table values. (In regard to the method of adjustment, refer to Item 3, Service menu in Chapter 5, Circuit Descriptions.)

d. White balance manual adjustment

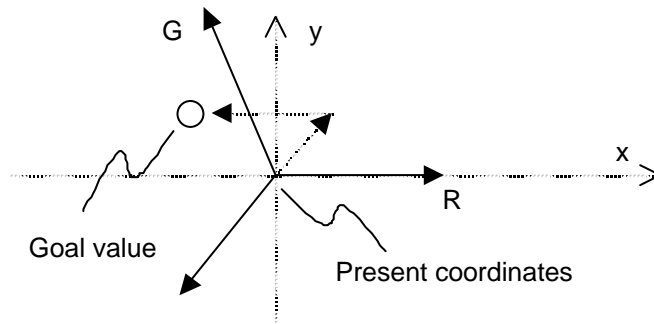
- 1) Enter signals (all white, UXGA, 60Hz, 0.7Vpp) and execute [tab 3] → [AUTO CONTRAST] of the service menu.
- 2) Select [RGB (AccuColor Control Systems)] of the service menu.
- 3) Select 1 (9300K).
- 4) Set the display of color temperature at 5000K with the use of the (+) or (-) keys.
- 5) Using the color analyzer CA110 (or equivalent), measure the color temperature. Confirm that the color temperature is set at the xy value of 5000K as specified in Table 4.
- 6) Using the (+) or (-) keys, set the display of the color temperature at 5000K, 6500K, 7500K, 8500K, and 9600K, and confirm that each color temperature is set at the xy value as specified in Table 4.
- 7) If each xy value is found deviating from the value specified in Table 4, set the correct value again by rewriting the white balance data of the EEPROM. The data modified with [tab F] of the service menu can be reflected by the action of unit power supply OFF → ON.

Cautions: 1) About 30 minutes of heat run is required when measuring the values with a color analyzer.

- 2) During measurements, the panel surface should not be exposed to external light so long as circumstances permit.
- 3) Some color analyzers are designed to permit the direct readout of color temperatures. However, these devices are often incapable of displaying deviations from the black body locus (mpcd). Checks and adjustments are required on the basis of the x-y coordinates.
- 4) The default values of the user menu are 8200K and 9300K. For the checks and adjustments, however, this setting should be made at 8500K and 9600K.

[Example of white balance adjustment]

Adjust BLUE so that the y value is met. If it is necessary to increase BLUE larger than 255, lower RED and GREEN at the same time until the y value is met. When the y value is met, adjust RED. If it is necessary to increase RED larger than 255, lower BLUE and GREEN at the same time until the x value is met. If any value of RGB does not attain 255 even when both values of x and y have attained the same goal setting values, increase RGB by the same figure and adjust x and y again until any one amounts to 255.



(Example: Color coordinates diagram)

e. sRGB GAMMA adjustment

GAMMA adjustments can be effected by modifying the data of the LUT (Look Up Table) on the EEPROM.

- 1) Enter signals (all white, UXGA, 60Hz, 0.7Vpp) and execute [tab 2] → [AUTO CONTRAST] of the service menu.
- 2) Set 0.7Vpp at 100% (255 gradations). Make up the respective RGB values for the monochromatic patterns of the respective gradations specified in Table 5. When this job is conducted by the use of a personal computer, confirm that a 24-bit display system is being used.
- 3) For each RGB, use a color analyzer and measure the monochromatic brightness of the respective gradations specified in Table 5.
- 4) Enter the measured values in the sRGB Gamma Calculator Software (Part No. 599910551) and execute the instructions (by pressing the EXECUTE button). Then, the data are entered in the EEPROM and the GAMMA data are established.

Enter the values of Table 6. Movement from a box to another can be done also with the TAB key.

Press the Execute button upon completion of RGB 27-point entry.

EEPROM address

EEPROM DATA
It is converted for the Hexadecimal system, and decimal is entered by the EEPROM editor.

Blue	1.44	1.94	4.76	8.06	11.1	15.8	20.7	25.6	27.3
Input Level	0	50	110	150	175	200	230	250	255

```

>>> Gamma : Red
      +00 +01 +02 +03 +04 +05 +06 +07 +08 +09
1960:      000 000 000 000 000 000 000 000 000 000
1970: 000 000 000 000 000 000 000 000 000 001
1980: 004 006 008 010 012 014 016 018 020 022
1990: 024 026 027 028 030 031 032 034 035 036
2000: 037 039 040 041 042 043 045 046 047 048
2010: 049 050 051 052 053 054 055 056 057 058
2020: 060 061 062 063 064 065 066 067 068 069
2030: 070 071 072 073 074 075 076 077 078 079
2040: 080 081 082 083 084 085 086 087 088 089
2050: 090 091 092 093 094 095 096 097 098 099
2060: 100 101 102 103 104 106 107 108 109 110
2070: 111 112 113 114 115 116 117 118 119 120
2080: 121 122 123 125 126 127 128 129 130 131
2090: 132 133 134 135 136 137 139 140 141 142
2100: 143 144 145 146 147 148 149 151 152 153
2110: 154 155 156 157 158 159 161 162 163
2120: 164 165 166 167 168 169 170 171 172 173
2130: 173 174 175 176 177 177 178 179 180 181
2140: 181 182 183 183 184 185 186 186 187 188
  
```

5) Successively enter the data according to the addresses of the EEPROM established by the use of the sRGB Gamma Calculator Software. An input is performed by edit of EEPROM of service menu → [tab F]

6) Make power OFF → ON of the unit, and confirm whether the color is free from abnormality and examine if any dot-state noise is generated.

Cautions: 1) The adjustment signal should be used at a definition of 1600 x 1200, 60Hz.

2) About 30 minutes of heat run is required when measuring the values with a color analyzer.

3) During measurements, the panel surface should not be exposed to external light so long as circumstances permit.

Table 1 (Address: Hexadecimal system) (1/3)

EEPROM Address	DATA	Function	EEPROM Address	DATA	Function	EEPROM Address	DATA	Function	EEPROM Address	DATA	Function
7B0	000	R _γ	7F0	040	R _γ	830	080	R _γ	870	0C0	R _γ
7B1	001		7F1	041		831	081		871	0C1	
7B2	002		7F2	042		832	082		872	0C2	
7B3	003		7F3	043		833	083		873	0C3	
7B4	004		7F4	044		834	084		874	0C4	
7B5	005		7F5	045		835	085		875	0C5	
7B6	006		7F6	046		836	086		876	0C6	
7B7	007		7F7	047		837	087		877	0C7	
7B8	008		7F8	048		838	088		878	0C8	
7B9	009		7F9	049		839	089		879	0C9	
7BA	00A		7FA	04A		83A	08A		87A	0CA	
7BB	00B		7FB	04B		83B	08B		87B	0CB	
7BC	00C		7FC	04C		83C	08C		87C	0CC	
7BD	00D		7FD	04D		83D	08D		87D	0CD	
7BE	00E		7FE	04E		83E	08E		87E	0CE	
7BF	00F		7FF	04F		83F	08F		87F	0CF	
7C0	010		800	050		840	090		880	0D0	
7C1	011		801	051		841	091		881	0D1	
7C2	012		802	052		842	092		882	0D2	
7C3	013		803	053		843	093		883	0D3	
7C4	014		804	054		844	094		884	0D4	
7C5	015		805	055		845	095		885	0D5	
7C6	016		806	056		846	096		886	0D6	
7C7	017		807	057		847	097		887	0D7	
7C8	018		808	058		848	098		888	0D8	
7C9	019		809	059		849	099		889	0D9	
7CA	01A		80A	05A		84A	09A		88A	0DA	
7CB	01B		80B	05B		84B	09B		88B	0DB	
7CC	01C		80C	05C		84C	09C		88C	0DC	
7CD	01D		80D	05D		84D	09D		88D	0DD	
7CE	01E		80E	05E		84E	09E		88E	0DE	
7CF	01F		80F	05F		84F	09F		88F	0DF	
7D0	020		810	060		850	0A0		890	0E0	
7D1	021		811	061		851	0A1		891	0E1	
7D2	022		812	062		852	0A2		892	0E2	
7D3	023		813	063		853	0A3		893	0E3	
7D4	024		814	064		854	0A4		894	0E4	
7D5	025		815	065		855	0A5		895	0E5	
7D6	026		816	066		856	0A6		896	0E6	
7D7	027		817	067		857	0A7		897	0E7	
7D8	028		818	068		858	0A8		898	0E8	
7D9	029		819	069		859	0A9		899	0E9	
7DA	02A		81A	06A		85A	0AA		89A	0EA	
7DB	02B		81B	06B		85B	0AB		89B	0EB	
7DC	02C		81C	06C		85C	0AC		89C	0EC	
7DD	02D		81D	06D		85D	0AD		89D	0ED	
7DE	02E		81E	06E		85E	0AE		89E	0EE	
7DF	02F		81F	06F		85F	0AF		89F	0EF	
7E0	030		820	070		860	0B0		8A0	0F0	
7E1	031		821	071		861	0B1		8A1	0F1	
7E2	032		822	072		862	0B2		8A2	0F2	
7E3	033		823	073		863	0B3		8A3	0F3	
7E4	034		824	074		864	0B4		8A4	0F4	
7E5	035		825	075		865	0B5		8A5	0F5	
7E6	036		826	076		866	0B6		8A6	0F6	
7E7	037		827	077		867	0B7		8A7	0F7	
7E8	038		828	078		868	0B8		8A8	0F8	
7E9	039		829	079		869	0B9		8A9	0F9	
7EA	03A		82A	07A		86A	0BA		8AA	0FA	
7EB	03B		82B	07B		86B	0BB		8AB	0FB	
7EC	03C		82C	07C		86C	0BC		8AC	0FC	
7ED	03D		82D	07D		86D	0BD		8AD	0FD	
7EE	03E		82E	07E		86E	0BE		8AE	0FE	
7EF	03F	R _γ	82F	07F	R _γ	86F	0BF	R _γ	8AF	0FF	R _γ

Table 1 (Address: Hexadecimal system) (2/3)

EEPROM Address	DATA	Function	EEPROM Address	DATA	Function	EEPROM Address	DATA	Function	EEPROM Address	DATA	Function
8B0	000	G _γ	8F0	040	G _γ	930	080	G _γ	970	0C0	G _γ
8B1	001		8F1	041		931	081		971	0C1	
8B2	002		8F2	042		932	082		972	0C2	
8B3	003		8F3	043		933	083		973	0C3	
8B4	004		8F4	044		934	084		974	0C4	
8B5	005		8F5	045		935	085		975	0C5	
8B6	006		8F6	046		936	086		976	0C6	
8B7	007		8F7	047		937	087		977	0C7	
8B8	008		8F8	048		938	088		978	0C8	
8B9	009		8F9	049		939	089		979	0C9	
8BA	00A		8FA	04A		93A	08A		97A	0CA	
8BB	00B		8FB	04B		93B	08B		97B	0CB	
8BC	00C		8FC	04C		93C	08C		97C	0CC	
8BD	00D		8FD	04D		93D	08D		97D	0CD	
8BE	00E		8FE	04E		93E	08E		97E	0CE	
8BF	00F		8FF	04F		93F	08F		97F	0CF	
8C0	010		900	050		940	090		980	0D0	
8C1	011		901	051		941	091		981	0D1	
8C2	012		902	052		942	092		982	0D2	
8C3	013		903	053		943	093		983	0D3	
8C4	014		904	054		944	094		984	0D4	
8C5	015		905	055		945	095		985	0D5	
8C6	016		906	056		946	096		986	0D6	
8C7	017		907	057		947	097		987	0D7	
8C8	018		908	058		948	098		988	0D8	
8C9	019		909	059		949	099		989	0D9	
8CA	01A		90A	05A		94A	09A		98A	0DA	
8CB	01B		90B	05B		94B	09B		98B	0DB	
8CC	01C		90C	05C		94C	09C		98C	0DC	
8CD	01D		90D	05D		94D	09D		98D	0DD	
8CE	01E		90E	05E		94E	09E		98E	0DE	
8CF	01F		90F	05F		94F	09F		98F	0DF	
8D0	020		910	060		950	0A0		990	0E0	
8D1	021		911	061		951	0A1		991	0E1	
8D2	022		912	062		952	0A2		992	0E2	
8D3	023		913	063		953	0A3		993	0E3	
8D4	024		914	064		954	0A4		994	0E4	
8D5	025		915	065		955	0A5		995	0E5	
8D6	026		916	066		956	0A6		996	0E6	
8D7	027		917	067		957	0A7		997	0E7	
8D8	028		918	068		958	0A8		998	0E8	
8D9	029		919	069		959	0A9		999	0E9	
8DA	02A		91A	06A		95A	0AA		99A	0EA	
8DB	02B		91B	06B		95B	0AB		99B	0EB	
8DC	02C		91C	06C		95C	0AC		99C	0EC	
8DD	02D		91D	06D		95D	0AD		99D	0ED	
8DE	02E		91E	06E		95E	0AE		99E	0EE	
8DF	02F		91F	06F		95F	0AF		99F	0EF	
8E0	030		920	070		960	0B0		9A0	0F0	
8E1	031		921	071		961	0B1		9A1	0F1	
8E2	032		922	072		962	0B2		9A2	0F2	
8E3	033		923	073		963	0B3		9A3	0F3	
8E4	034		924	074		964	0B4		9A4	0F4	
8E5	035		925	075		965	0B5		9A5	0F5	
8E6	036		926	076		966	0B6		9A6	0F6	
8E7	037		927	077		967	0B7		9A7	0F7	
8E8	038		928	078		968	0B8		9A8	0F8	
8E9	039		929	079		969	0B9		9A9	0F9	
8EA	03A		92A	07A		96A	0BA		9AA	0FA	
8EB	03B		92B	07B		96B	0BB		9AB	0FB	
8EC	03C		92C	07C		96C	0BC		9AC	0FC	
8ED	03D		92D	07D		96D	0BD		9AD	0FD	
8EE	03E		92E	07E		96E	0BE		9AE	0FE	
8EF	03F	G _γ	92F	07F	G _γ	96F	0BF	G _γ	9AF	0FF	G _γ

Table 1 (Address: Hexadecimal system) (3/3)

EEPROM Address	DATA	Function	EEPROM Address	DATA	Function	EEPROM Address	DATA	Function	EEPROM Address	DATA	Function
9B0	000	By	9F0	040	By	A30	080	By	A70	0C0	By
9B1	001		9F1	041		A31	081		A71	0C1	
9B2	002		9F2	042		A32	082		A72	0C2	
9B3	003		9F3	043		A33	083		A73	0C3	
9B4	004		9F4	044		A34	084		A74	0C4	
9B5	005		9F5	045		A35	085		A75	0C5	
9B6	006		9F6	046		A36	086		A76	0C6	
9B7	007		9F7	047		A37	087		A77	0C7	
9B8	008		9F8	048		A38	088		A78	0C8	
9B9	009		9F9	049		A39	089		A79	0C9	
9BA	00A		9FA	04A		A3A	08A		A7A	0CA	
9BB	00B		9FB	04B		A3B	08B		A7B	0CB	
9BC	00C		9FC	04C		A3C	08C		A7C	0CC	
9BD	00D		9FD	04D		A3D	08D		A7D	0CD	
9BE	00E		9FE	04E		A3E	08E		A7E	0CE	
9BF	00F		9FF	04F		A3F	08F		A7F	0CF	
9C0	010		A00	050		A40	090		A80	0D0	
9C1	011		A01	051		A41	091		A81	0D1	
9C2	012		A02	052		A42	092		A82	0D2	
9C3	013		A03	053		A43	093		A83	0D3	
9C4	014		A04	054		A44	094		A84	0D4	
9C5	015		A05	055		A45	095		A85	0D5	
9C6	016		A06	056		A46	096		A86	0D6	
9C7	017		A07	057		A47	097		A87	0D7	
9C8	018		A08	058		A48	098		A88	0D8	
9C9	019		A09	059		A49	099		A89	0D9	
9CA	01A		A0A	05A		A4A	09A		A8A	0DA	
9CB	01B		A0B	05B		A4B	09B		A8B	0DB	
9CC	01C		A0C	05C		A4C	09C		A8C	0DC	
9CD	01D		A0D	05D		A4D	09D		A8D	0DD	
9CE	01E		A0E	05E		A4E	09E		A8E	0DE	
9CF	01F		A0F	05F		A4F	09F		A8F	0DF	
9D0	020		A10	060		A50	0A0		A90	0E0	
9D1	021		A11	061		A51	0A1		A91	0E1	
9D2	022		A12	062		A52	0A2		A92	0E2	
9D3	023		A13	063		A53	0A3		A93	0E3	
9D4	024		A14	064		A54	0A4		A94	0E4	
9D5	025		A15	065		A55	0A5		A95	0E5	
9D6	026		A16	066		A56	0A6		A96	0E6	
9D7	027		A17	067		A57	0A7		A97	0E7	
9D8	028		A18	068		A58	0A8		A98	0E8	
9D9	029		A19	069		A59	0A9		A99	0E9	
9DA	02A		A1A	06A		A5A	0AA		A9A	0EA	
9DB	02B		A1B	06B		A5B	0AB		A9B	0EB	
9DC	02C		A1C	06C		A5C	0AC		A9C	0EC	
9DD	02D		A1D	06D		A5D	0AD		A9D	0ED	
9DE	02E		A1E	06E		A5E	0AE		A9E	0EE	
9DF	02F		A1F	06F		A5F	0AF		A9F	0EF	
9E0	030		A20	070		A60	0B0		AA0	0F0	
9E1	031		A21	071		A61	0B1		AA1	0F1	
9E2	032		A22	072		A62	0B2		AA2	0F2	
9E3	033		A23	073		A63	0B3		AA3	0F3	
9E4	034		A24	074		A64	0B4		AA4	0F4	
9E5	035		A25	075		A65	0B5		AA5	0F5	
9E6	036		A26	076		A66	0B6		AA6	0F6	
9E7	037		A27	077		A67	0B7		AA7	0F7	
9E8	038		A28	078		A68	0B8		AA8	0F8	
9E9	039		A29	079		A69	0B9		AA9	0F9	
9EA	03A		A2A	07A		A6A	0BA		AAA	0FA	
9EB	03B		A2B	07B		A6B	0BB		AAB	0FB	
9EC	03C		A2C	07C		A6C	0BC		AAC	0FC	
9ED	03D		A2D	07D		A6D	0BD		AAD	0FD	
9EE	03E		A2E	07E		A6E	0BE		AAE	0FE	
9EF	03F	By	A2F	07F	By	A6F	0BF	By	AAF	0FF	By

Table 1 (Decimal version) (1/3)

EEPROM Address	DATA	Function	EEPROM Address	DATA	Function	EEPROM Address	DATA	Function	EEPROM Address	DATA	Function
1968	0	R _γ	2032	64	R _γ	2096	128	R _γ	2160	192	R _γ
1969	1		2033	65		2097	129		2161	193	
1970	2		2034	66		2098	130		2162	194	
1971	3		2035	67		2099	131		2163	195	
1972	4		2036	68		2100	132		2164	196	
1973	5		2037	69		2101	133		2165	197	
1974	6		2038	70		2102	134		2166	198	
1975	7		2039	71		2103	135		2167	199	
1976	8		2040	72		2104	136		2168	200	
1977	9		2041	73		2105	137		2169	201	
1978	10		2042	74		2106	138		2170	202	
1979	11		2043	75		2107	139		2171	203	
1980	12		2044	76		2108	140		2172	204	
1981	13		2045	77		2109	141		2173	205	
1982	14		2046	78		2110	142		2174	206	
1983	15		2047	79		2111	143		2175	207	
1984	16		2048	80		2112	144		2176	208	
1985	17		2049	81		2113	145		2177	209	
1986	18		2050	82		2114	146		2178	210	
1987	19		2051	83		2115	147		2179	211	
1988	20		2052	84		2116	148		2180	212	
1989	21		2053	85		2117	149		2181	213	
1990	22		2054	86		2118	150		2182	214	
1991	23		2055	87		2119	151		2183	215	
1992	24		2056	88		2120	152		2184	216	
1993	25		2057	89		2121	153		2185	217	
1994	26		2058	90		2122	154		2186	218	
1995	27		2059	91		2123	155		2187	219	
1996	28		2060	92		2124	156		2188	220	
1997	29		2061	93		2125	157		2189	221	
1998	30		2062	94		2126	158		2190	222	
1999	31		2063	95		2127	159		2191	223	
2000	32		2064	96		2128	160		2192	224	
2001	33		2065	97		2129	161		2193	225	
2002	34		2066	98		2130	162		2194	226	
2003	35		2067	99		2131	163		2195	227	
2004	36		2068	100		2132	164		2196	228	
2005	37		2069	101		2133	165		2197	229	
2006	38		2070	102		2134	166		2198	230	
2007	39		2071	103		2135	167		2199	231	
2008	40		2072	104		2136	168		2200	232	
2009	41		2073	105		2137	169		2201	233	
2010	42		2074	106		2138	170		2202	234	
2011	43		2075	107		2139	171		2203	235	
2012	44		2076	108		2140	172		2204	236	
2013	45		2077	109		2141	173		2205	237	
2014	46		2078	110		2142	174		2206	238	
2015	47		2079	111		2143	175		2207	239	
2016	48		2080	112		2144	176		2208	240	
2017	49		2081	113		2145	177		2209	241	
2018	50		2082	114		2146	178		2210	242	
2019	51		2083	115		2147	179		2211	243	
2020	52		2084	116		2148	180		2212	244	
2021	53		2085	117		2149	181		2213	245	
2022	54		2086	118		2150	182		2214	246	
2023	55		2087	119		2151	183		2215	247	
2024	56		2088	120		2152	184		2216	248	
2025	57		2089	121		2153	185		2217	249	
2026	58		2090	122		2154	186		2218	250	
2027	59		2091	123		2155	187		2219	251	
2028	60		2092	124		2156	188		2220	252	
2029	61		2093	125		2157	189		2221	253	
2030	62		2094	126		2158	190		2222	254	
2031	63	R _γ	2095	127	R _γ	2159	191	R _γ	2223	255	R _γ

Table 1 (Decimal version) (2/3)

EEPROM Address	DATA	Function	EEPROM Address	DATA	Function	EEPROM Address	DATA	Function	EEPROM Address	DATA	Function
2224	0	G _Y	2288	64	G _Y	2352	128	G _Y	2416	192	G _Y
2225	1		2289	65		2353	129		2417	193	
2226	2		2290	66		2354	130		2418	194	
2227	3		2291	67		2355	131		2419	195	
2228	4		2292	68		2356	132		2420	196	
2229	5		2293	69		2357	133		2421	197	
2230	6		2294	70		2358	134		2422	198	
2231	7		2295	71		2359	135		2423	199	
2232	8		2296	72		2360	136		2424	200	
2233	9		2297	73		2361	137		2425	201	
2234	10		2298	74		2362	138		2426	202	
2235	11		2299	75		2363	139		2427	203	
2236	12		2300	76		2364	140		2428	204	
2237	13		2301	77		2365	141		2429	205	
2238	14		2302	78		2366	142		2430	206	
2239	15		2303	79		2367	143		2431	207	
2240	16		2304	80		2368	144		2432	208	
2241	17		2305	81		2369	145		2433	209	
2242	18		2306	82		2370	146		2434	210	
2243	19		2307	83		2371	147		2435	211	
2244	20		2308	84		2372	148		2436	212	
2245	21		2309	85		2373	149		2437	213	
2246	22		2310	86		2374	150		2438	214	
2247	23		2311	87		2375	151		2439	215	
2248	24		2312	88		2376	152		2440	216	
2249	25		2313	89		2377	153		2441	217	
2250	26		2314	90		2378	154		2442	218	
2251	27		2315	91		2379	155		2443	219	
2252	28		2316	92		2380	156		2444	220	
2253	29		2317	93		2381	157		2445	221	
2254	30		2318	94		2382	158		2446	222	
2255	31		2319	95		2383	159		2447	223	
2256	32		2320	96		2384	160		2448	224	
2257	33		2321	97		2385	161		2449	225	
2258	34		2322	98		2386	162		2450	226	
2259	35		2323	99		2387	163		2451	227	
2260	36		2324	100		2388	164		2452	228	
2261	37		2325	101		2389	165		2453	229	
2262	38		2326	102		2390	166		2454	230	
2263	39		2327	103		2391	167		2455	231	
2264	40		2328	104		2392	168		2456	232	
2265	41		2329	105		2393	169		2457	233	
2266	42		2330	106		2394	170		2458	234	
2267	43		2331	107		2395	171		2459	235	
2268	44		2332	108		2396	172		2460	236	
2269	45		2333	109		2397	173		2461	237	
2270	46		2334	110		2398	174		2462	238	
2271	47		2335	111		2399	175		2463	239	
2272	48		2336	112		2400	176		2464	240	
2273	49		2337	113		2401	177		2465	241	
2274	50		2338	114		2402	178		2466	242	
2275	51		2339	115		2403	179		2467	243	
2276	52		2340	116		2404	180		2468	244	
2277	53		2341	117		2405	181		2469	245	
2278	54		2342	118		2406	182		2470	246	
2279	55		2343	119		2407	183		2471	247	
2280	56		2344	120		2408	184		2472	248	
2281	57		2345	121		2409	185		2473	249	
2282	58		2346	122		2410	186		2474	250	
2283	59		2347	123		2411	187		2475	251	
2284	60		2348	124		2412	188		2476	252	
2285	61		2349	125		2413	189		2477	253	
2286	62		2350	126		2414	190		2478	254	
2287	63	G _Y	2351	127	G _Y	2415	191	G _Y	2479	255	G _Y

Table 1 (Decimal version) (3/3)

EEPROM Address	DATA	Function	EEPROM Address	DATA	Function	EEPROM Address	DATA	Function	EEPROM Address	DATA	Function
2480	0	By	2544	64	By	2608	128	By	2672	192	By
2481	1		2545	65		2609	129		2673	193	
2482	2		2546	66		2610	130		2674	194	
2483	3		2547	67		2611	131		2675	195	
2484	4		2548	68		2612	132		2676	196	
2485	5		2549	69		2613	133		2677	197	
2486	6		2550	70		2614	134		2678	198	
2487	7		2551	71		2615	135		2679	199	
2488	8		2552	72		2616	136		2680	200	
2489	9		2553	73		2617	137		2681	201	
2490	10		2554	74		2618	138		2682	202	
2491	11		2555	75		2619	139		2683	203	
2492	12		2556	76		2620	140		2684	204	
2493	13		2557	77		2621	141		2685	205	
2494	14		2558	78		2622	142		2686	206	
2495	15		2559	79		2623	143		2687	207	
2496	16		2560	80		2624	144		2688	208	
2497	17		2561	81		2625	145		2689	209	
2498	18		2562	82		2626	146		2690	210	
2499	19		2563	83		2627	147		2691	211	
2500	20		2564	84		2628	148		2692	212	
2501	21		2565	85		2629	149		2693	213	
2502	22		2566	86		2630	150		2694	214	
2503	23		2567	87		2631	151		2695	215	
2504	24		2568	88		2632	152		2696	216	
2505	25		2569	89		2633	153		2697	217	
2506	26		2570	90		2634	154		2698	218	
2507	27		2571	91		2635	155		2699	219	
2508	28		2572	92		2636	156		2700	220	
2509	29		2573	93		2637	157		2701	221	
2510	30		2574	94		2638	158		2702	222	
2511	31		2575	95		2639	159		2703	223	
2512	32		2576	96		2640	160		2704	224	
2513	33		2577	97		2641	161		2705	225	
2514	34		2578	98		2642	162		2706	226	
2515	35		2579	99		2643	163		2707	227	
2516	36		2580	100		2644	164		2708	228	
2517	37		2581	101		2645	165		2709	229	
2518	38		2582	102		2646	166		2710	230	
2519	39		2583	103		2647	167		2711	231	
2520	40		2584	104		2648	168		2712	232	
2521	41		2585	105		2649	169		2713	233	
2522	42		2586	106		2650	170		2714	234	
2523	43		2587	107		2651	171		2715	235	
2524	44		2588	108		2652	172		2716	236	
2525	45		2589	109		2653	173		2717	237	
2526	46		2590	110		2654	174		2718	238	
2527	47		2591	111		2655	175		2719	239	
2528	48		2592	112		2656	176		2720	240	
2529	49		2593	113		2657	177		2721	241	
2530	50		2594	114		2658	178		2722	242	
2531	51		2595	115		2659	179		2723	243	
2532	52		2596	116		2660	180		2724	244	
2533	53		2597	117		2661	181		2725	245	
2534	54		2598	118		2662	182		2726	246	
2535	55		2599	119		2663	183		2727	247	
2536	56		2600	120		2664	184		2728	248	
2537	57		2601	121		2665	185		2729	249	
2538	58		2602	122		2666	186		2730	250	
2539	59		2603	123		2667	187		2731	251	
2540	60		2604	124		2668	188		2732	252	
2541	61		2605	125		2669	189		2733	253	
2542	62		2606	126		2670	190		2734	254	
2543	63	By	2607	127	By	2671	191	By	2735	255	By

Table 2 (Address: Hexadecimal system)

EEPROM Address	DATA	Function	EEPROM Address	DATA	Function	EEPROM Address	DATA	Function
3AB0	0FF	5000K(R)	3AB8	00FF	6500K(R)	3AC0	0E6	8500K(R)
3AB1	0E6	5000K(G)	3AB9	0F9	6500K(G)	3AC1	0E3	8500K(G)
3AB2	0C7	5000K(B)	3ABA	0F3	6500K(B)	3AC2	0FF	8500K(B)
3AB3	032	5000K	3ABB	041	6500K	3AC3	055	8500K
3AB4	0FF	5600K(R)	3ABC	0F3	7500K(R)	3AC4	0D9	9600K(R)
3AB5	0EB	5600K(G)	3ABD	0ED	7500K(G)	3AC5	0D9	9600K(G)
3AB6	0DC	5600K(B)	3ABE	0FF	7500K(B)	3AC6	0FF	9600K(B)
3AB7	038	5600K	3ABF	04B	7500K	3AC7	060	9600K

Table 2 (Decimal version)

EEPROM Address	DATA	Function	EEPROM Address	DATA	Function	EEPROM Address	DATA	Function
2736	255	5000K(R)	2744	255	6500K(R)	2752	230	8500K(R)
2737	230	5000K(G)	2745	249	6500K(G)	2753	227	8500K(G)
2738	199	5000K(B)	2746	243	6500K(B)	2754	255	8500K(B)
2739	050	5000K	2747	065	6500K	2755	085	8500K
2740	255	5600K(R)	2748	243	7500K(R)	2756	217	9600K(R)
2741	235	5600K(G)	2749	237	7500K(G)	2757	217	9600K(G)
2742	220	5600K(B)	2750	255	7500K(B)	2758	255	9600K(B)
2743	056	5600K	2751	075	7500K	2759	096	9600K

Table 3 (1/2)

INDEX	EEPROM Address	RED	EEPROM Address	GREEN	EEPROM Address	BLUE
0. R	3AD0	000	3AEA	000	3B04	000
	3AD1	000	3AEB	000	3B05	000
1. G	3AD2	000	3AEC	000	3B06	000
	3AD3	000	3AED	000	3B07	000
2. B	3AD4	000	3AEE	000	3B08	000
	3AD5	000	3AEF	000	3B09	000
3. C	3AD6	000	3AF0	000	3B0A	000
	3AD7	000	3AF1	000	3B0B	000
4. M	3AD8	000	3AF2	000	3B0C	000
	3AD9	000	3AF3	000	3B0D	000
5. Y	3ADA	000	3AF4	000	3B0E	000
	3ADB	000	3AF5	000	3B0F	000
6. RY	3ADC	000	3AF6	000	3B10	000
	3ADD	000	3AF7	000	3B11	000
7. RM	3ADE	000	3AF8	000	3B12	000
	3ADF	000	3AF9	000	3B13	000
8. GY	3AE0	000	3AFA	000	3B14	000
	3AE1	000	3AFB	000	3B15	000
9. GC	3AE2	000	3AFC	000	3B16	000
	3AE3	000	3AFD	000	3B17	000
10. BC	3AE4	000	3AFE	000	3B18	000
	3AE5	000	3AFF	000	3B19	000
11. BM	3AE6	000	3B00	000	3B1A	000
	3AE7	000	3B01	000	3B1B	000
12. W	3AE8	000	3B02	000	3B1C	000
	3AE9	0FF	3B03	0FF	3B1D	0FF

* Adjustments are carried out separately for WHITE.

Table 3 (2/2) (No modification)

INDEX	EEPROM Address	OSM setting values
0. RYR	3B1E	000
	3B1F	000
1. RYY	3B20	000
	3B21	000
2. RMR	3B22	000
	3B23	000
3. RMM	3B24	000
	3B25	000
4. GYG	3B26	000
	3B27	000
5. GYY	3B28	000
	3B29	000
6. GCG	3B2A	000
	3B2B	000
7. GCC	3B2C	000
	3B2D	000
8. BCB	3B2E	000
	3B2F	000
9. BCC	3B30	000
	3B31	000
10. BMB	3B32	000
	3B33	000
11. BMM	3B34	000
	3B35	000

Table 4

	x	y
5000K	0.345±0.015	0.352±0.015
5600K	0.330±0.015	0.339±0.015
6500K	0.313±0.010	0.329±0.010
7500K	0.300±0.015	0.310±0.015
8500K	0.291±0.015	0.300±0.015
9600K	0.283±0.015	0.291±0.015

Table 5

NO.	Input signal level (Vpp)	Gradations	%	NO.	Input signal level (Vpp)	Gradations	%
1	0.000	Gradations 0/255	0.0%	6	0.549	Gradations 200/255	78.4%
2	0.137	Gradations 50/255	19.6%	7	0.631	Gradations 230/255	90.2%
3	0.302	Gradations 110/255	43.1%	8	0.686	Gradations 250/255	98.0%
4	0.412	Gradations 150/255	58.8%	9	0.700	Gradations 255/255	100%
5	0.480	Gradations 175/255	68.6%				

Table 6 (Example of measurement)

Input signal Gradations	R	G	B
Gradations 0/255	1.44cd/m ²	1.44cd/m ²	1.44cd/m ²
Gradations 50/255	2.38 cd/m ²	3.64 cd/m ²	1.94 cd/m ²
Gradations 110/255	7.65 cd/m ²	16.3 cd/m ²	4.76 cd/m ²
Gradations 150/255	13.8 cd/m ²	30.9 cd/m ²	8.06 cd/m ²
Gradations 175/255	19.4 cd/m ²	44.5 cd/m ²	11.1 cd/m ²
Gradations 200/255	27.8 cd/m ²	64.6 cd/m ²	15.8 cd/m ²
Gradations 230/255	36.6 cd/m ²	85.8 cd/m ²	20.7 cd/m ²
Gradations 250/255	45.5 cd/m ²	107 cd/m ²	25.6 cd/m ²
Gradations 255/255	48.8 cd/m ²	115 cd/m ²	27.3 cd/m ²

INSPECTION

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1. Set Inspection

1.1 Application

The inspection procedures specified in this item should be applied to the inspection of the LCD2080UX unit.

1.2 Inspection Conditions

Unless otherwise specified, inspection should be carried out under the following conditions.

1.2.1 Power Source Voltage

AC voltage: AC 100 - 240V \pm 5%, 50/60Hz

1.2.2 Equipment to be Used

Equipment that can generate an output of the adjusted VG-819 unit or equivalent.

The signal timing for the inspection ROM should conform to the table provided in Paragraph 1.2.8 herein.

1.2.3 Inspection Cables/Connections

1) Connections between the unit under inspection and the VG-819 should be made through the DVI connector and the D-SUB connector of the unit under inspection and the cable that can carry each output of the VG-819, as specified below.

- a) BNC-DSUB (female) connector
- b) DSUB (male) - DVI connector (Analog)
- c) BNC-DVI connector (Analog)
- d) DVI - DVI connector (Digital)

2) For connections to the power supply, an AC cable for LCD2080UX should be used.

1.2.4 Brightness Setting

Unless otherwise specified, inspection should be carried out under the condition that the LCD brightness is set at the highest level.

1.2.5 Inspection Mode

Each inspection should be carried out in the inspection mode specified in each relevant inspection item.

The detailed setting for each mode should be specified in Paragraph 1.2.8 herein.

1.2.6 OSM Functions

If checking and operation by OSM are specified in each inspection item, display and operation of the OSM should be carried out by operating the push switches of the unit under inspection, according to the instructions.

Outline operation is described in Item 1.3, "Operation of OSM control."

1.2.7 Configuration of Inspection Jigs

Signal source

- 1) A video signal generator should be used, which can generate an output of the VG-819 unit or equivalent.
- 2) Graphic board, Model: XPERT LCD (manufactured ATI Technologies Inc.)
- 3) PC/AT interchange personal computer.

1.2.8 Inspection Mode Setting

The respective setting data for the VG-819.

No	Timing Name	Dot Clock (MHz)	Horizontal							Vertical						HS,VS
			Fh (KHz)	Th (μS)	Ths (μS)	Thf (μS)	Thb (μS)	Thd (μS)	FV (Hz)	Tv (ms)	Tvs (ms)	Tvf (ms)	Tvb (ms)	Tvd (ms)		
1	MAC13	30.24	35.00 (Dot)	28.57 864	2.12 64	2.12 64	3.17 96	21.16 640	66.67 (Line)	15.00 525	0.09 3	0.09 3	1.11 39	13.71 480	N,N	
2	MAC16	57.24	49.69 (Dot)	20.13 1152	1.12 64	0.56 32	3.91 224	14.54 832	74.49 (Line)	13.42 667	0.06 3	0.02 1	0.78 39	12.56 624	N,N	
3	72035070	28.32	31.47 (Dot)	31.78 900	3.81 108	0.64 18	1.91 54	25.42 720	70.08 (Line)	14.27 449	0.06 2	1.18 37	1.91 60	11.12 350	P,N	
4	VESA720	28.32	31.47 (Dot)	31.78 900	3.81 108	0.64 18	1.91 54	25.42 720	70.08 (Line)	14.27 449	0.06 2	0.41 13	1.08 34	12.71 400	N,P	
5	72035085	35.50	37.93 (Dot)	26.37 936	2.03 72	1.01 36	3.04 108	20.28 720	85.04 (Line)	11.76 446	0.08 3	0.84 32	1.61 61	9.23 350	P,N	
6	72040085	35.50	37.93 (Dot)	26.37 936	2.03 72	1.01 36	3.04 108	20.28 720	85.04 (Line)	11.76 446	0.08 3	0.03 1	1.11 42	10.55 400	N,P	
7	VGA60	25.175	31.47 (Dot)	31.78 800	3.81 96	0.64 16	1.91 48	25.42 640	59.94 (Line)	16.68 525	0.06 2	0.32 10	1.05 33	15.25 480	N,N	
8	VGA72	31.50	37.86 (Dot)	26.41 832	1.27 40	0.76 24	4.06 128	20.32 640	72.81 (Line)	13.73 520	0.08 3	0.24 9	0.74 28	12.68 480	N,N	
9	VGA75	31.50	37.50 (Dot)	26.67 840	2.03 64	0.51 16	3.81 120	20.32 640	75.00 (Line)	13.33 500	0.08 3	0.03 1	0.43 16	12.80 480	N,N	
10	VGA85	36.00	43.27 (Dot)	23.11 832	1.56 56	1.56 56	2.22 80	17.78 640	85.01 (Line)	11.76 509	0.07 3	0.02 1	0.58 25	11.09 480	N,N	
11	SVGA56	36.00	35.16 (Dot)	28.44 1024	2.00 72	0.67 24	3.56 128	22.22 800	56.25 (Line)	17.78 625	0.06 2	0.03 1	0.63 22	17.07 600	P,P	
12	SVGA60	40.00	37.88 (Dot)	26.40 1056	3.20 128	1.00 40	2.20 88	20.00 800	60.32 (Line)	16.58 628	0.11 4	0.03 1	0.61 23	15.84 600	P,P	
13	SVGA72	50.00	48.08 (Dot)	20.80 1040	2.40 120	1.12 56	1.28 64	16.00 800	72.19 (Line)	13.85 666	0.12 6	0.77 37	0.48 23	12.48 600	P,P	
14	SVGA75	49.50	46.88 (Dot)	21.33 1056	1.62 80	0.32 16	3.23 160	16.16 800	75.00 (Line)	13.33 625	0.06 3	0.02 1	0.45 21	12.80 600	P,P	
15	SVGA85	56.25	53.67 (Dot)	18.63 1048	1.14 64	0.57 32	2.70 152	14.22 800	85.06 (Line)	11.76 631	0.06 3	0.02 1	0.50 27	11.18 600	P,P	
16	XGA60	65.00	48.36 (Dot)	20.68 1344	2.09 136	0.37 24	2.46 160	15.75 1024	60.00 (Line)	16.67 806	0.12 6	0.06 3	0.60 29	15.88 768	N,N	
17	XGA70	75.00	56.48 (Dot)	17.71 1328	1.81 136	0.32 24	1.92 144	13.65 1024	70.07 (Line)	14.27 806	0.11 6	0.05 3	0.51 29	13.60 768	N,N	
18	XGA75	78.75	60.02 (Dot)	16.66 1312	1.22 96	0.20 16	2.23 176	13.00 1024	75.03 (Line)	13.33 800	0.05 3	0.02 1	0.47 28	12.80 768	P,P	
19	XGA85	94.50	68.68 (Dot)	14.56 1376	1.02 96	0.51 48	2.20 208	10.84 1024	85.00 (Line)	11.76 808	0.04 3	0.01 1	0.52 36	11.18 768	P,P	
20	VESA1152	108.00	67.50 (Dot)	14.82 1600	1.19 128	0.59 64	2.37 256	10.67 1152	75.00 (Line)	13.33 900	0.04 3	0.02 1	0.47 32	12.80 864	P,P	
21	SUN1152	94.50	60.85 (Dot)	16.17 1528	1.35 128	0.42 40	2.20 208	12.19 1152	66.00 (Line)	15.15 937	0.06 4	0.03 2	0.50 31	14.55 900	P,P	
22	VESA 1280x960	108.00	60.00 (Dot)	16.67 1800	1.04 112	0.89 96	2.89 312	11.85 1280	60.00 (Line)	16.67 1000	0.05 3	0.016 1	0.60 36	16.00 960	P,P	
23	SXGA60	108.00	63.981 (Dot)	15.63 1688	1.04 112	0.44 48	2.30 248	11.85 1280	60.02 (Line)	16.66 1066	0.05 3	0.02 1	0.59 38	16.00 1024	P,P	
24	SUN66	117.00	71.69 (Dot)	13.95 1632	0.96 112	0.14 16	1.91 224	10.94 1280	67.2 (Line)	14.88 1067	0.11 8	0.03 2	0.46 33	14.28 1024	P,P	
25	SXGA75	135.00	79.98 (Dot)	12.50 1688	1.07 144	0.12 16	1.84 248	9.48 1280	75.03 (Line)	13.33 1066	0.04 3	0.01 1	0.48 38	12.80 1024	P,P	
26	SUN76	135.00	81.13 (Dot)	12.33 1664	0.47 64	0.24 32	2.13 288	9.48 1280	76.1 (Line)	13.14 1066	0.10 8	0.02 2	0.39 32	12.62 1024	P,P	
27	SXGA60 S/G	108.00	63.981 (Dot)	15.63 1688	1.04 112	0.44 48	2.30 248	11.85 1280	60.02 (Line)	16.66 1066	0.05 3	0.02 1	0.59 38	16.00 1024	S/G	
28	SXGA75 COMP	135.00	79.98 (Dot)	12.50 1688	1.07 144	0.12 16	1.84 248	9.48 1280	75.03 (Line)	13.33 1066	0.04 3	0.01 1	0.48 38	12.80 1024	P,P	
29	72K90	100.00	72.67 (Dot)	13.76 1376	1.28 128	0.32 32	1.92 192	10.24 1024	90.50 (Line)	11.05 803	0.04 3	0.014 1	0.427 31	10.57 768	N,N	
30	EGA-TEST	21.053	24.83 (Dot)	40.28 848	3.04 64	2.8 59	4.04 85	30.4 640	51.72 (Line)	19.33 480	0.322 8	2.376 59	0.52 13	16.112 400	N,N	
31	SXGA85	157.50	91.15 (Dot)	11.00 1728	1.02 160	0.41 64	1.42 224	8.13 1280	85.02 (Line)	11.80 1072	0.03 3	0.01 1	0.48 44	11.24 1024	P,P	
32	UXGA60	162.00	75.00 (Dot)	13.33 2160	1.19 192	0.40 64	1.88 304	9.88 1600	60.00 (Line)	16.67 1250	0.04 3	0.01 1	0.61 46	16.00 1200	P,P	
33	UXGA60 S/G	162.00	75.00 (Dot)	13.33 2160	1.19 192	0.40 64	1.88 304	9.88 1600	60.00 (Line)	16.67 1250	0.04 3	0.01 1	0.61 46	16.00 1200	S/G	
34	UXGA65	175.50	81.25 (Dot)	12.31 2160	1.09 192	0.37 64	1.73 304	9.18 1600	65.00 (Line)	15.38 1250	0.04 3	0.01 1	0.57 46	14.77 1200	P,P	

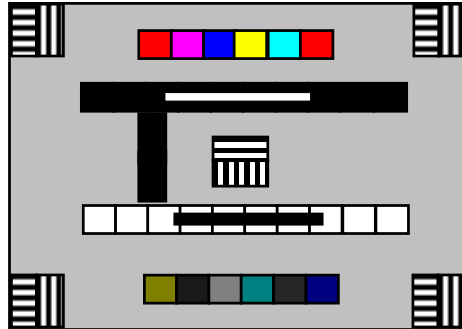
Note 1:

According to the designation of sync signals and the setting of each inspection mode, the analog outputs (BNC) of the signal generator should be connected as specified below. (Except the cases when otherwise specified)

- 1) SEPARATE: R/G/B CONNECTION, HS \longleftrightarrow H, VS \longleftrightarrow V, CS not connected
- 2) COMPOSITE: R/G/B CONNECTION, CS \longleftrightarrow H No connections for HS and VS
- 3) SYNC ON GREEN: R/G/B CONNECTION, No connections for HS, VS, and CS

Note 2:

Option 2 Screen



1.3 OSM Control Operation

Each OSM function is available by pressing the push-button switches (EXIT, ◀, ▶, -, +, SELECT, RESET) allocated in the lower section of the front bezel (or the control PWB when a PWB unit only is furnished).

1.3.1 Switch Functions

The basic functions of the respective push-button switches (or called the keys, but in the same meaning) are described below.

In a mode where no OSM display is presented, the main menu of the OSM menu can be displayed when any key out of ◀, ▶, -, and + is pressed.

SELECT : Tab movement, INPUT1/2 changeover (No OSM display).

+ : Setting the adjusting value in the adjusting screen.

- : Setting the adjusting value in the adjusting screen.

▶ : Tab or adjusting screen selection.

◀ : Tab or adjusting screen selection.

RESET : Resetting.

EXIT : Withdrawing from a layer, or deleting the display.

(Caution) Unless otherwise specified, an input of INPUT1 should be selected for each inspection.

1.3.2 Basic Operational Procedures

1) Press any key out of ◀, ▶, +, and -, and confirm that a menu as shown below is displayed.



2) When the NEXT key is used, the selective tab moves to the right and the adjusting screen changes. With the adjusting screen selected, use the keys ◀ and ▶ to select the adjusting item (simply “item” hereafter) and set the adjusting value by the use of the keys - and +. To execute an automatic adjustment function (CONTRAST AUTO ADJUST, AUTO ADJUST), press the key + or - in the state of item highlight. Then, automatic adjustments are carried out.

When the adjusting item is present in TOOL (1), TOOL (2), or INFO., move to the selecting item with the SELECT key and select the wanted item with the keys ◀ and ▶. In the state that the wanted item is highlighted in green, press the key + or - in order to get the adjusting screen displayed for each item.

3) When inspection is finished, press the EXIT key to withdraw from the OSM menu.

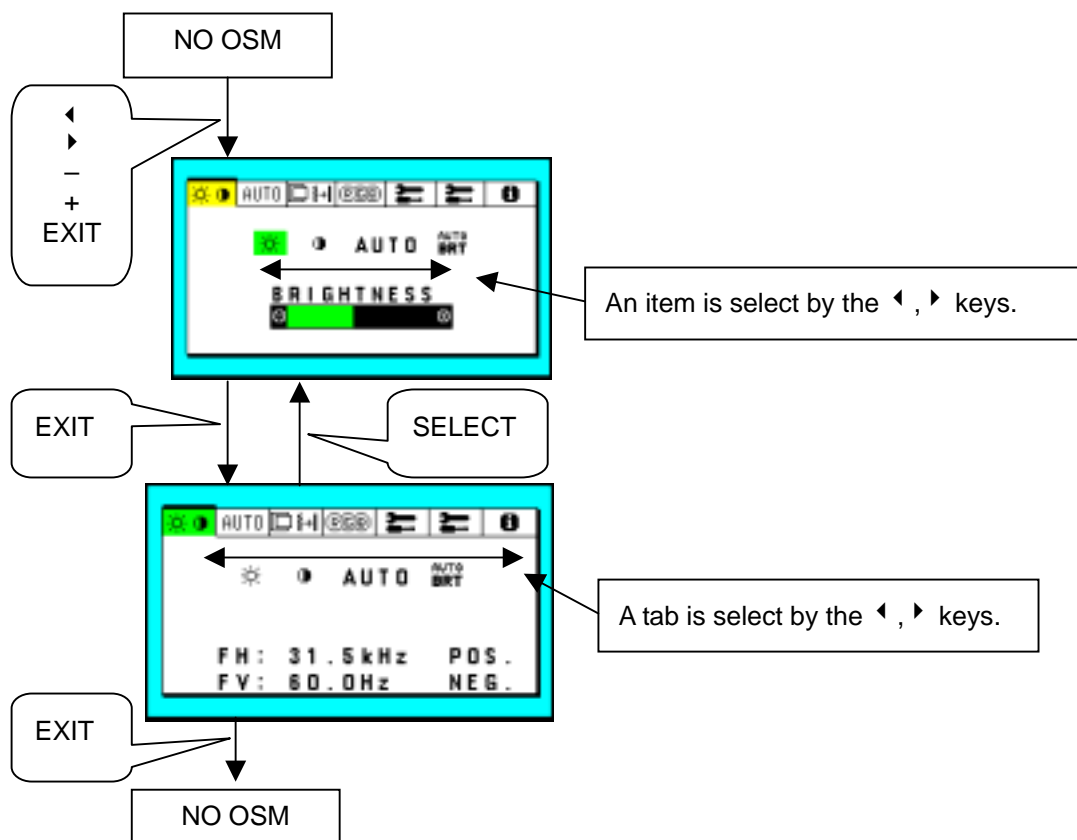
1.4 Power ON

- 1) Connect an AC power cable to the unit being inspected.
- 2) Connect the VG-819 cable to the unit being inspected. Any input connector is acceptable.
- 3) Turn on the POWER switch of the VG-819 to generate an output of Signal 32.
- 4) There is a vacation switch (a seesaw switch) at the right side of the unit being inspected. Confirm that this switch is set at the “|” side. Press the POWER key at the right end of the front to turn on the unit being inspected.
- 5) A screen can be checked within about 4 seconds after the POWER key ON. The LED is then lit in green (For factory mode, LED is yellow) and a screen is displayed.

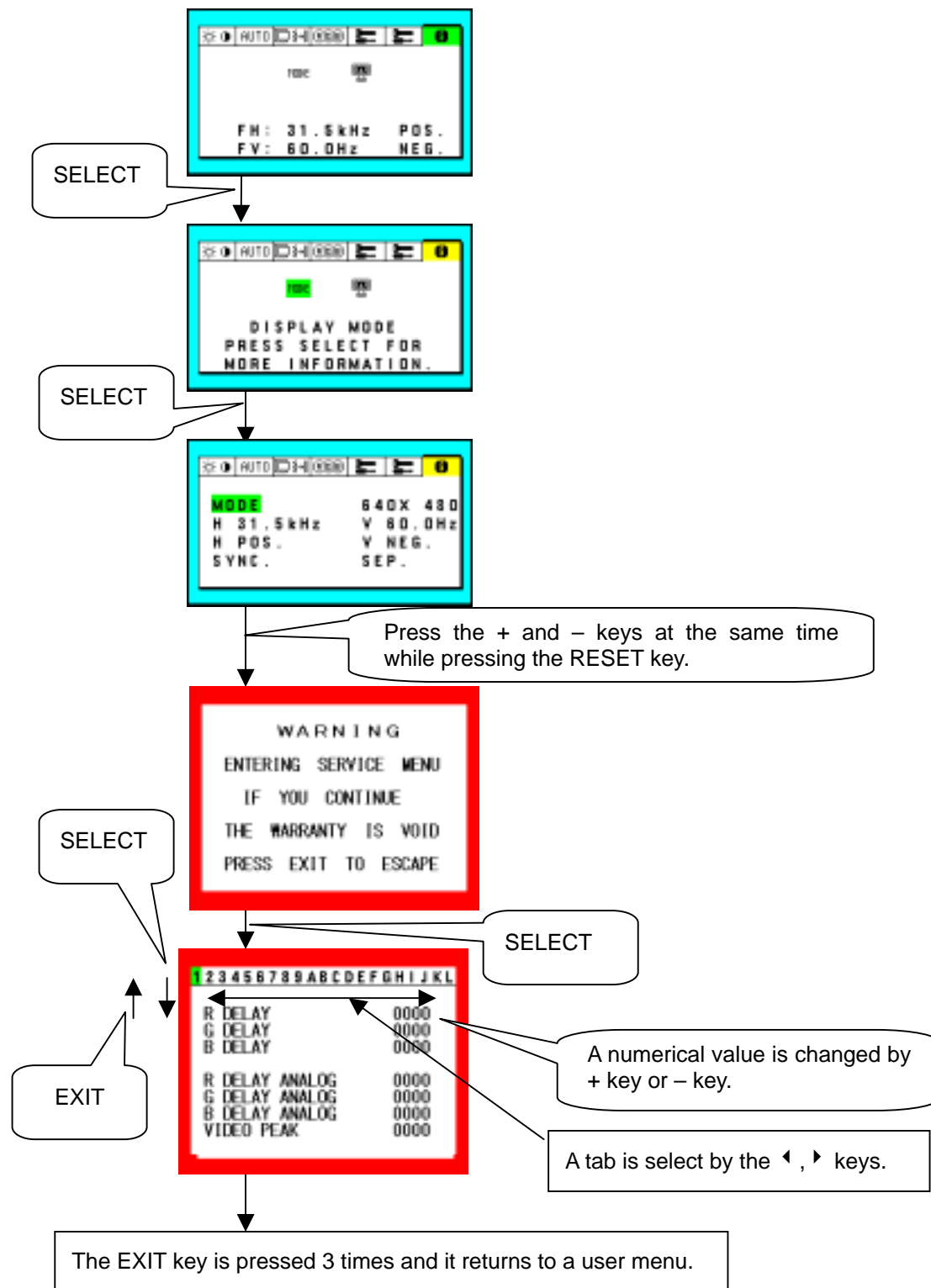
1.5 Inspection

1.5.1 How to Control a Menu

- 1) User menu



2) Factory menu



1.5.2 Inspection on LCD Brightness and Contrast

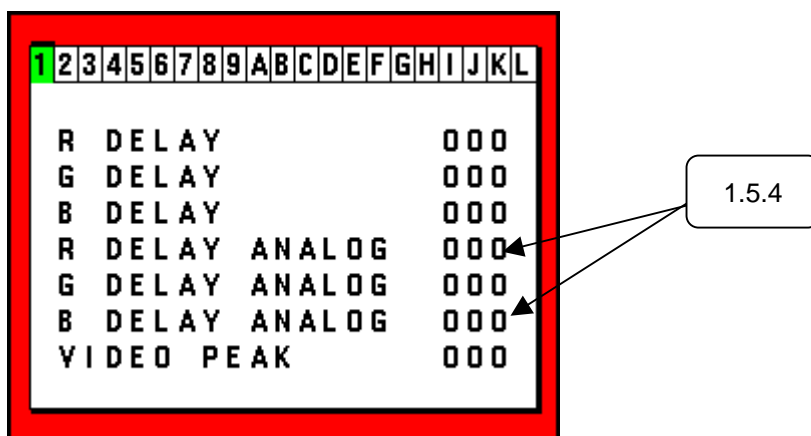
- 1) Enter Signal 23 through INPUT1. The screen display is made in all white.
- 2) Display the BRIGHTNESS/CONTRAST tab of the OSM menu.
- 3) Get BRIGHTNESS highlighted with the ◀ and ▶ keys.
- 4) Confirm that the yellow bar is changed by the operation of the (-) and (+) keys, and that the screen brightness is changed.
- 5) Confirm that the highlight display is for BRIGHTNESS. Press the RESET key. Then, the confirmation screen is displayed. Press the SELECT key to make resetting. (The BRIGHTNESS bar is returned fully to the right.)
- 6) Use the ◀ and ▶ keys to obtain CONTRAST displayed in the highlight mode.
- 7) Confirm that the green bar is changed and the screen brightness is also changed when the (-) and (+) keys are operated.
- 8) Get AUTO ADJUST highlighted with the ◀ and ▶ keys.
- 9) Press the SELECT key and wait until the OSM display is restored to the former display. At that time, confirm that the screen is normally displayed.

1.5.3 Inspection on Automatic Adjustment Function

- 1) Enter Signal 32 through INPUT1. (1-dot loss + Outer frame screen)
- 2) Display the OSM menu. Use the SELECT key to move as far as to the POSITION tab.
- 3) Move the cursor to the HORIZONTAL SIZE, using the ◀ and ▶ keys. Operate the (-) and (+) keys to shift the H.SIZE to an extent so that the caused difference can be visually perceived.
- 4) Use the EXIT key and ◀ and ▶ keys to move as far as to the AUTO ADJUST adjusting tab.
- 5) Press the SELECT key and execute automatic adjustments by the use of the SELECT key. Confirm that the screen (POSITION/SIZE/PHASE) is normally adjusted.

1.5.4 Analog Delay Operation Check

- 1) Enter Signal 32 from INPUT1. (1-dot missing + Outer frame screen)
- 2) Display the OSM menu, move it to the POSITION tab with the ◀ and ▶ keys, and press the SELECT key.
- 3) Adjust the cursor to H.SIZE with the ◀ and ▶ keys, and operate the + key to shift the H.SIZE by +4 steps.
- 4) Select R DELAY ANALOG in the first tab of the FACTORY mode and make a numerical modification of 0 → 1 → 2 → 3 → 4 by means of the + key. Confirm that there is an increase in the amount of red vertical stripes shifted to the right (the amount of leftward protrusion of cyan). Return it to 0 after the completion of inspection.
- 5) Similarly, select G DELAY ANALOG and make a numerical modification of 0 → 1 → 2 → 3 → 4 by means of the + key. Confirm that there is an increase in the amount of green vertical stripes shifted to the right (the amount of leftward protrusion of magenta). Return it to 0 after the completion of inspection.
- 6) Similarly, select B DELAY ANALOG and make a numerical modification of 0 → 1 → 2 → 3 → 4 by means of the + key. Confirm that there is an increase in the amount of blue vertical stripes shifted to the right (the amount of leftward protrusion of yellow). Return it to 0 after the completion of inspection.



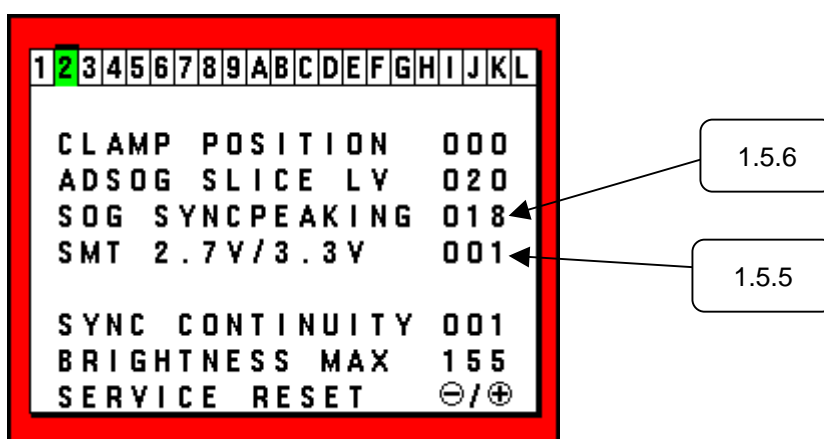
7) The same inspection should be carried out also for INPUT2 (DSUB).

1.5.5 HSYNC Threshold Changeover Check

- 1) Enter Signal 32 from INPUT1. (1-dot missing + Outer frame screen)
- 2) Display the OSM menu, move it to the POSITION tab with the ◀ and ▶ keys, and press the SELECT key.
- 3) Adjust the cursor to H.SIZE with the ◀ and ▶ keys, and operate the + key to shift the H.SIZE by +4 steps.
- 4) Move it to SMT 2.7V/3.3V in the second tab of the FACTORY mode and make a modification of 1 → 0. Confirm that the vertical stripes are shifted by about 1cm at that time. (The amount of shift depends on the type of signal source.) Return it to 1 after the completion of inspection.

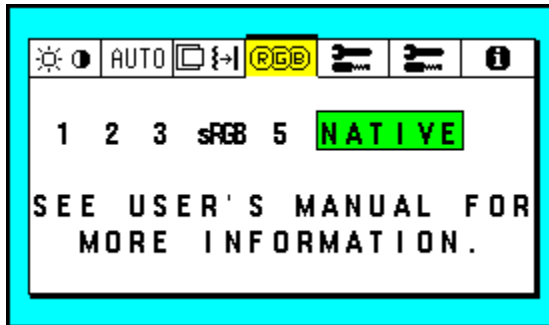
1.5.6 SOG SYNC correction Check

- 1) Enter Signal 33 from INPUT1 and make an SOG connection. (1-dot missing + Outer frame screen)
- 2) Move it to SOG SYNC PEAKING in the second tab of the FACTORY mode and make a modification of 0 → 1. Confirm that there appears a phase shift. (The amount of phase shift depends on the type of signal source.) Return it to 0 after the completion of inspection.



1.5.7 Color Temperature Check

- 1) Enter Signal 32 from INPUT1. (All white)
- 2) The user menu RGB tab is indications are 1 for 9300K, 2 for 8200K, 3 for 7500K, 4 for sRGB, and 5 for 5000K. confirm to change the color, in time case of each color temperature. (sRGB 6500K)
- 3) If you have doubt, confirm the below list within reference value.
- 4) After finish the inspection, return to NATIVE.



<Reference value of inspection>

Color temperature	x	y
5000K	0.345 ±0.015	0.352 ±0.015
5600K	0.330 ±0.015	0.339 ±0.015
6500K	0.313 ±0.010	0.329 ±0.010
7500K	0.300 ±0.015	0.310 ±0.015
8500K	0.291 ±0.015	0.300 ±0.015
9600K	0.283 ±0.015	0.291 ±0.015
NATIVE	0.312 ±0.015	0.327 ±0.015

1.5.8 Inspection on Input Signal Identification

Purpose of inspection: Confirming that a normal display is obtainable for each signal input.
Unless otherwise specified, the display pattern is as shown in the initial screen, conforming to 1.2.8 [Inspection Mode Setting].

--- Inspection of DVI-I (Analog) Input ---

- 1) According to the table below, make setting of the input connector and the signal, and enter a signal input.

Item No.	Input	Inspection signal No.	SYNC	Remark
1	INPUT 1	7	SEPARATE	CLK Min Fh Min
2	INPUT 1	11	SEPARATE	Fv Min
3	INPUT 1	31	SEPARATE	Fh Max Fv Max
4	INPUT 1	32	SEPARATE	Recommend/CLK Max

- 2) When a screen is displayed, visually check whether the display is free from abnormality.
(Freedom from any extreme displacement in position, size, and phase, flickering in the screen, and extreme color deterioration)

--- Inspection of D-SUB (Analog) Input ---

- 3) Change over the input port to the ANALOG INPUT of INPUT2.

According to the table below, make setting of the signal, and enter a signal input.

Item No.	Input	Inspection signal No.	SYNC	Remark
1	INPUT 2	32	SEPARATE	Recommend/CLK Max
2	INPUT 2	34	SEPARATE	Out of Range

- 4) By the signal 34, it checks that OSM of "OUT OF RANGE" is displayed.

--- Inspection of COMPOSITE Input ---

- 5) Return the setting of input port to INPUT1 and change the connection with the VG-819 to the COMPOSITE mode. (Pull out the BNC connectors H and V on the VG-819 side and connect the H cable to the CS connector.)
- 6) According to the table below, make setting of the signal, and enter a signal input. Make confirmation in the same manner as described in 2) above.

Item No.	Input	Inspection signal No.	SYNC	Remark
1	INPUT 1	13	COMPOSITE	Vsync width Max

--- Inspection of POWER SAVE ---

- 7) Remove the output signal of the VG-819 from the G connector (SOG sync also). Then, remove the output signal from the CS connector. Confirm that the screen disappears and the OSM menu of the [NO SIGNAL] is displayed. Wait in this state for about 5 seconds, and confirm that the LED display is turned into amber and the POWER SAVE mode is assumed.

--- Inspection of SYNC on GREEN Input ---

- 8) According to the table below, enter a signal input of SYNC on GREEN. Confirm that a normal screen is displayed.

Item No.	Input	Inspection signal No.	SYNC	Remark
1	INPUT 2	33	SYNC on GREEN	

--- Inspection of DVI (DIGITAL) Input ---

- 9) A personal computer is connected. According to the table below, make setting of the signal, and enter a signal input. Make confirmation in the same manner as described in 2) above.

Item No.	Input	Inspection signal No.	Remark
1	INPUT 1	VGA 60Hz Digital	DVI-I
2	INPUT 2	VGA 60Hz Digital	DVI-D
3	INPUT 1	UXGA 60Hz Digital	DVI-I
4	INPUT 2	UXGA 60Hz Digital	DVI-D

Synchronous polarity is unquestioned in order that a digital signal may determine resolution based on an image period signal (DE signal).

1.5.9 Inspection on VIDEO DETECT Function

This inspection is intended to confirm that a normal [VIDEO DETECT] function is available for the OSM menu and that the VIDEO INPUT port is automatically changed over according to the combination of the VIDEO INPUT signals.

Signal: 23 (SXGA, SEPARATE): All White

Signal: 27 (SXGA, SYNC on GREEN): Optional two screens

* The basic signal timing for Signal 27 is the same as that for Signal 26. However, since an output of [SYNC on GREEN] is needed in the initial condition, setting is made on the assumption that this signal is different from the other.

Inspection equipment needed:

Signal Source 1 (VG-819): For analog output.

Signal Source 2 (enabled to generate an analog output that is equivalent to that of the VG-812): For analog output.

Cable intended to send out an analog output of Signal Source 1 to the DVI-I connector (INPUT1).

Cable intended to send out an analog output of Signal Source 2 to the D-SUB connector (INPUT2).

Initial conditions:

Signal Source 1: Set at Signal 27.

Signal Source 2: Set at Signal 23.

An analog output of Signal Source 2 should be entered in INPUT2.

An analog output of Signal Source 1 should be entered in INPUT1.

The video input should be set at INPUT2.

Method of inspection:

- 1) Starting from the initial state, open the [VIDEO DETECT] in the OSM menu tool.



Adjust the cursor to the [LAST DETECT] and press the EXIT key three times to close the OSM menu.

- 2) According to the table shown below, make withdrawal and insertion of cables and take signal changeover actions. Confirm in this case that the operation and motions are the same as those indicated in the [RESULT] of the table below. The column on the right side of the table below shows the condition of each port connection assumed at that time.

Operation	Result	Signal Source 1	Signal Source 2
	Selected port	INPUT 1	INPUT 2
Initial state	INPUT 2	Signal 27	Signal 23
Pull out the INPUT2 connector.	INPUT 1	Signal 27	×
Connect the INPUT2 connector.	INPUT 2	Signal 27	Signal 23
Set the VIDEO INPUT at INPUT1.	INPUT 1	Signal 27	Signal 23
Pull out the INPUT1 connector.	INPUT 2	×	Signal 23
Connect the INPUT1 connector.	INPUT 1	Signal 27	Signal 23

Mark x indicates a condition that the connector is not connected.

The selected port can be known from the [VIDEO INPUT] OSM displayed at the time of signal changeover. (Not acceptable for displays of [NO SIGNAL], [OUT OF RANGE], etc.)

- 3) Open the [VIDEO DETECT] of the OSM menu again and select the [FIRST DETECT.] Press the EXIT key several times and close the OSM menu.

1.6 Setting before Shipment

In order to recover the initial conditions of all settings, the contents of the memory are reset before shipment. This reset process involves actions in regard to the memory of signal modes. Therefore, these actions should be taken after the completion of all electrical inspection and display inspection.

- 1) Enter an input of Signal 4 through INPUT1. Operate the OSM to enter the factory mode, and display a service menu.
- 2) Adjust the cursor to [SERVICE RESET] by the use of the ◀ and ▶ keys, and press the (+) or (-) keys.
- 3) When the OSM is displayed again, the resetting process has been finished. Press the EXIT key to withdraw from the service mode.

Note 1: After the completion of this process, confirm, without fail, that the present condition is surely after the withdrawal from the service mode (factory mode). This setting is also available under the condition that the factory mode is assumed. In this case, however, it must be borne in mind that the EXIT key need be pressed two more times at the time of completion.

1.7 Safety Test

- Destination : All over the world
- Applicable standards : UL60950/C-UL/EN60950
- Unit class : Class I units (the units protected against electric shocks by protective earthing,
or those equipped with 3-core power cords)
- Ratings : AC100 - 240V 50/60Hz 0.7A - 0.35A

1.7.1 Input Current Measurements

Under the measuring conditions specified below, an input current should be measured while the 50Hz input voltage is maintained at 230V AC (+0 to -5V). The input currents measured should be confirm so they satisfy the judgment standard. (The rear rating plates are the same as those for North America and Europe. Therefore, measurements should also be based on this setting.)

(1) Measuring conditions

- Condition of the set : ON mode
- Measuring conditions : The inspection signal is set at "28" and "white" is displayed throughout the screen. At that time, brightness is used to MAX and contrast is used as a center.

(2) Judgment standard

- The input current should be kept below 0.385A (0.35A +10%).

1.7.2 Power Source/Earth Connections

a. Checks on the power source/earth connections

The earth side of the cord or the earth wire of the inlet filter for the cord set should be visually checked to see that it is connected to the chassis block of the unit as specified below.

- 1) The earth wire color should be spiral of green and yellow.

[Units applicable to UL60950 or IEC60950 (EN60950)]

- 2) The earth wire should be firmly connected to the chassis block by the use of a screw (See Note) of 3.5mmØ in diameter.

Note: Spring washers or star washers should be used, without fail.

b. Earth resistance testing

This testing should be carried out prior to the dielectric strength test.

The earth resistance should be 100mΩ or less when a current of 25A AC is carried between the earth side of the cord and the metallic block that is used as a safety earth for the unit.

1.7.3 Dielectric Strength Test

To confirm the freedom from insulation breakdown, testing should be carried out under the conditions specified below.

1) Measuring conditions

- Measuring instrument: Dielectric strength tester (The specified voltage should be maintained in the state that a current of 10mA is carried.)
- Testing point : Between the electrical circuit block and the exposed metallic block (DVI connector)

Note: The electrical circuit block should mean the power input block (primary side). Testing should be carried out under the condition that both poles of the power plug are short-circuited. (Where a 3-core cord is used, the two poles other than the earth terminal should be short-circuited.)

2) Judgment standard

The freedom from insulation breakdown should be confirmed under the condition that the applied voltage is maintained at 1500V AC (+0 to 50V) for one minute.

Even though the result of this testing is OK, such a condition should be regarded as unacceptable if there is a leakage (flashing) around the section where the test voltage has been applied.

2. External Inspection on the LCD Module

2.1 External Inspection of the Display Surface

The display surface should be visually inspected according to the inspection items specified below. In cases of the discovery of extreme defects or doubtful judgment, final judgment should be made on the basis of relevant detailed standards for inspection.

Unless otherwise specified, the inspection signals should be used at the timing of Signal 32 specified in Paragraph 1.2.8 herein. However, the inspection screen should be arranged according to the "Instructions 1) to 5) of the Inspection Standard" set forth in Paragraph 2.1.2 (1).

2.1.1 Inspection Items

- 1) Examination of the missing of lines (horizontal or vertical lines failing to be displayed).
- 2) Presence of extreme missing of dots (bright dots and black dots), or conspicuous ones.
- 3) Presence of extreme flaws, wrinkles, air bubble, dents, lint, foreign matter, and conspicuous abnormality on the display surface.

2.1.2 Inspection Standards

Inspection standards for external appearance and display conditions

(1) Inspection Standards

Use a fluorescent lamp of 20w1 (for the inspection of external appearance) or the display plane illuminance of 60 to 75lx (for the inspection of display conditions). Secure a distance of 20cm between the eyes and the sample, and that of 20 to 30cm between the fluorescent lamp and the sample. Under the above-mentioned conditions or better, inspections should be carried out in the direction specified below.

A: Angle of visibility for inspection (Right and left: 30°/Up and down: 20° to 0°)

The direction of application should be recorded in the column of direction. Inspection should be carried out at a room temperature of $25 \pm 5^{\circ}\text{C}$.

The following screen should be used for the inspection.

- 1) All black or gray in 3 gradations
- 2) All red, all green, or all blue screen in solid color each
- 3) All white solid screen

(2) Standards for Display Conditions

Standard for errors (defects)

Item			Standard		Remarks	
Joined defects	(1)	Continuous 2 bright dots	(R+G, G+B) 2 continued horizontally	≤ 3 pairs	Note 1	
	(2)	Continuous 2 black dots		≤ 3 pairs	Note 2	
	(3)	Continuous 3 or more bright dots	Both the same color and different colors are counted.	≤ 0 pair	Note 3	
	(4)	Continuous 3 or more black dots		≤ 0 pair		
Dot defect	(5)	Dot defects other than (1) and (2)	R.G.B (Black dot + Bright dot)	≤ 7	Note 4	
Defective proximity	(6)	Adjacent to same-color bright-dot defect	Distance between defects ≤ 5.9mm	Each color ≤ 2 pairs	Note 5	
	(7)	Approach of adjacent defects of (6)	Distance of approach ≤ 9mm	≤ 0 pair	Note 6	
	(8)	Defect cluster	A set of 2 or more dot defects in an area of 5×5 pixels [(5) in consideration]	≤ 3 clusters	Note 7	
			Approach of adjacent defects of (1) in an area of 5×5 pixels	≤ 0 pair		Note 8
			Approach of adjacent defects of (2) in an area of 5×5 pixels			
Total No. of defects	Total No. of bright dots (R.G.B) + black dots (R.G.B)			≤ 13	-	
	Total No. of bright points in G			≤ 4	-	
Note 9: Irrespective of the continuous or intermittent occurrence, visible dots should be referred to as the dot defects (bright dots and black dots).						

 :Bright dot  :Black dot

Note 1: R + G, G + B, 2 dots continued horizontally

Counted as an NG

Not counted as NG



Combination of bright and black dots



Combination other than 2-horizontal combination



and others

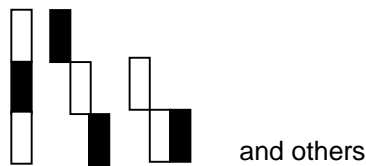
Note 2: $(1) + (2) \leq 3$ pairs

Note 3: 3-defect combination

Combination patterns to be counted as NG / Combination of all bright or all black dots

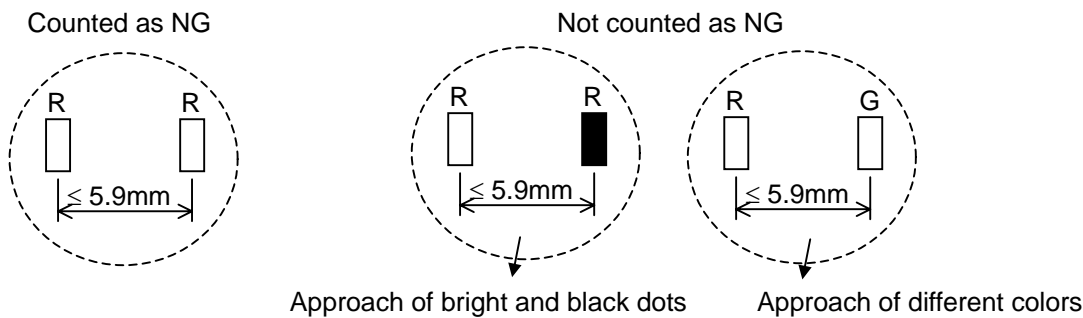


Not counted as NG / Combination of bright and black dots

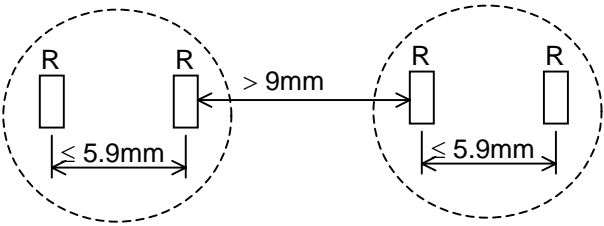


Note 4: The dots for composing 2-horizontal combinations of R + G should be excluded from counting.

Note 5: Adjacent to same-color bright-dot defect



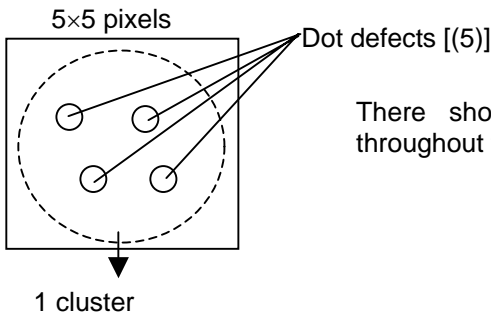
Note 6: Approach of adjacent defects



The distance between adjacent defects should be longer than 10mm.

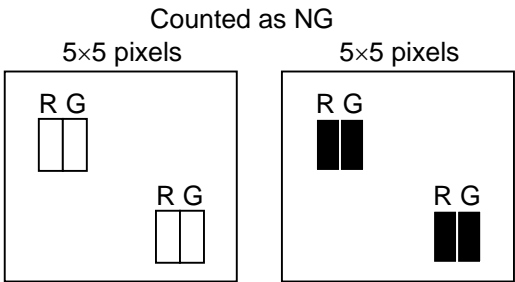
Note 7: A set of 2 or more dot defects in an area of 5×5 pixels

If there are two or more dot defects [(5)] in an area of 5×5 pixels, such a set of dot defects should be counted as one cluster.



There should be no more than 3 clusters throughout the screen area.

Note 8: Approach of detects of (1) or (2) in an area of 5×5 pixels



There should be no approach of detects of (1) or (2) within an area of 5×5 pixels

(3) Standard for External Inspection

Inspection item	Inspection spot	Direction	Standard value		
			Conditions		Number of permissions
Lint, foreign substance	Lint between the polarizing plate (all surface) and the glass substrate	A	Width(W)mm	Length(L)mm	
			$W < 0.03$	-	Don't care
			$0.03 \leq W < 0.10$	$L < 0.3$	4 pcs. or less
				$0.3 \leq L < 3.0$	0 pcs
				$3.0 \leq L$	0 pcs
			$0.10 \leq W$	$0.10 \leq L \leq 0.25$	Don't care
				$0.25 \leq L < 0.80$	4 pcs. or less
				$0.80 \leq L$	0 pcs
Contamination and flaws (Note) $L > 2W$: Line form $L \leq 2W$: Dot form	Contamination and flaws in the external appearance of the shield front plate and backlight	A	<ul style="list-style-type: none"> Freedom from fingerprints and contamination after cleaning. Base plate invisible even after the plate coating has been marred. Freedom from burrs around edges and holes. 		
	Flaws, foam, and dust on the polarizing plate. (Line form)	A	Width(W)mm	Length(L)mm	
			$W < 0.01$	-	Don't care
			$0.01 \leq W < 0.05$	$L < 1.0$	Don't care
				$1.0 \leq L < 10.0$	0 pcs
				$10.0 \leq L$	0 pcs
	Flaws, foam, and dust on the polarizing plate. (Dot form)	A	Average diameter Φ (mm)		
			$\Phi < 0.20$	-	Don't care
			$0.20 \leq \Phi < 0.80$	-	4 pcs. or less
			$0.80 \leq \Phi$	-	0 pcs

3. Inspection of PLUG & PLAY Communication and OSM "MONITOR INFORMATION" for Model Name/ Serial Number

3.1 System Connection

This system should be connected as shown below.

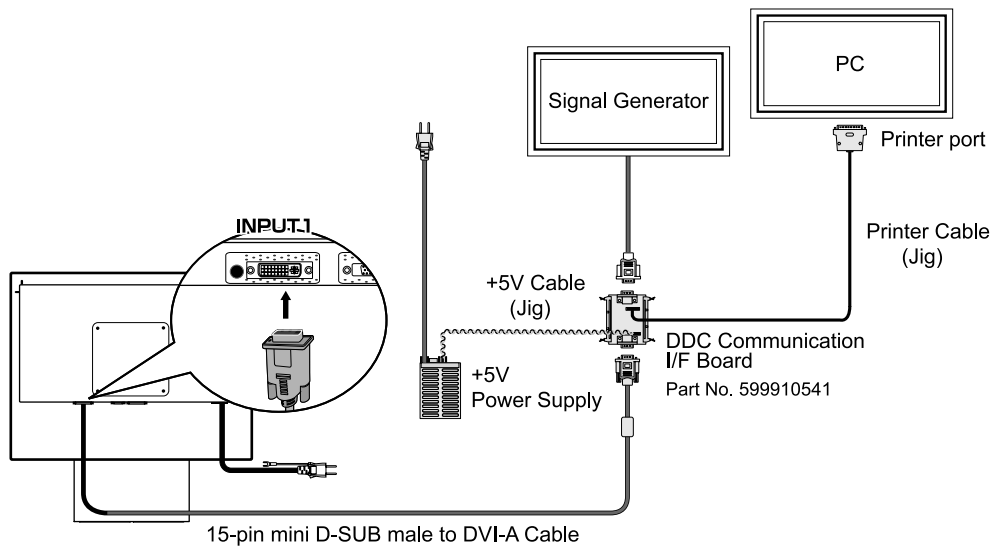


Fig 3.1.1 DVI-A connector connection

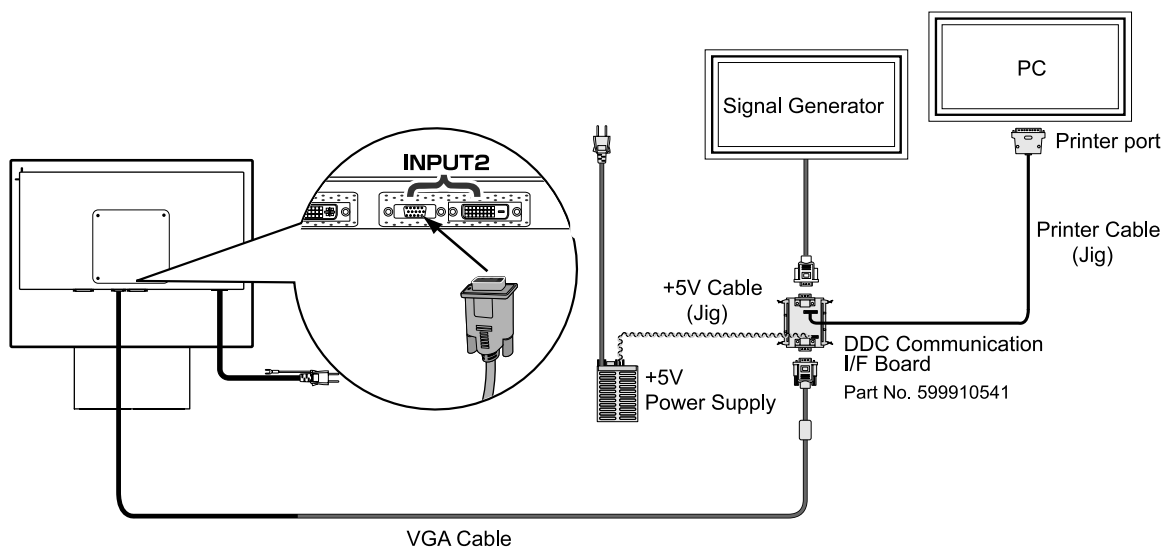


Fig 3.1.2 D-SUB connector connection

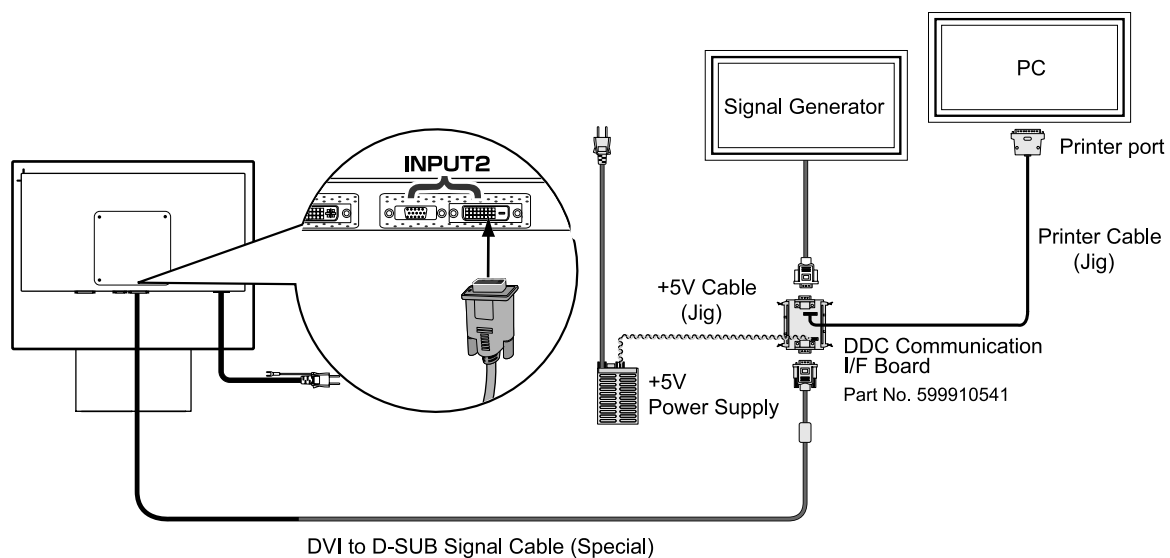
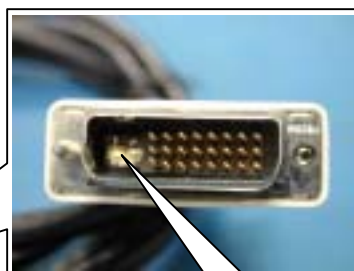


Fig 3.1.3 DVI-D connector connection



DVI to D-SUB Signal Cable (Special)



The pins of there points cuts it.



DDC Communication I/F BOARD
(Part No. 599910541)

3.2 Input Signal

Horizontal synchronization frequency : Not specified.

Vertical synchronization frequency : Not specified.

3.3 Program

Service tool Ver. 3.17 (Parameter ver. 1.0-S1) (Part No. 599910630)

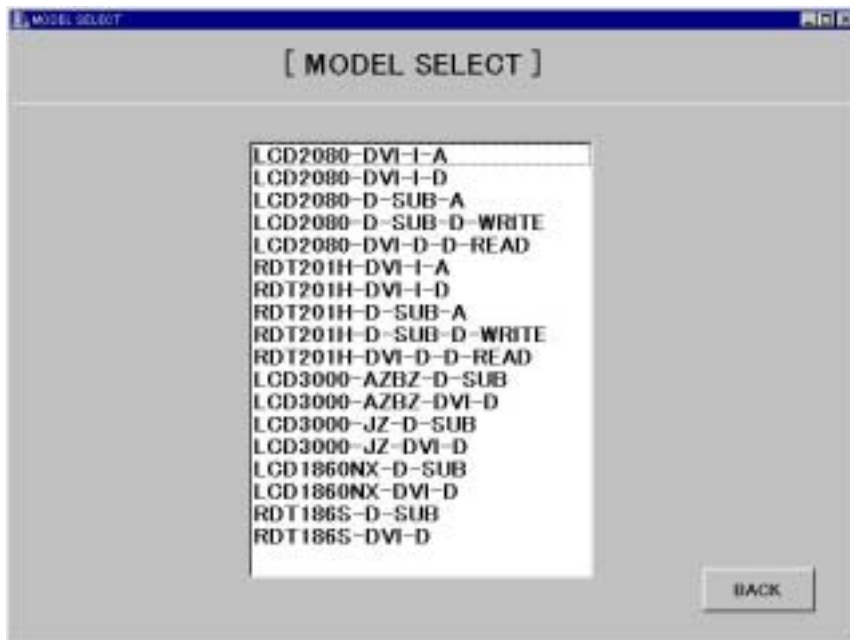
3.4 Operation

3.4.1 EDID Data Inspection and Writing to the DVI Connector (Input 1) Analog

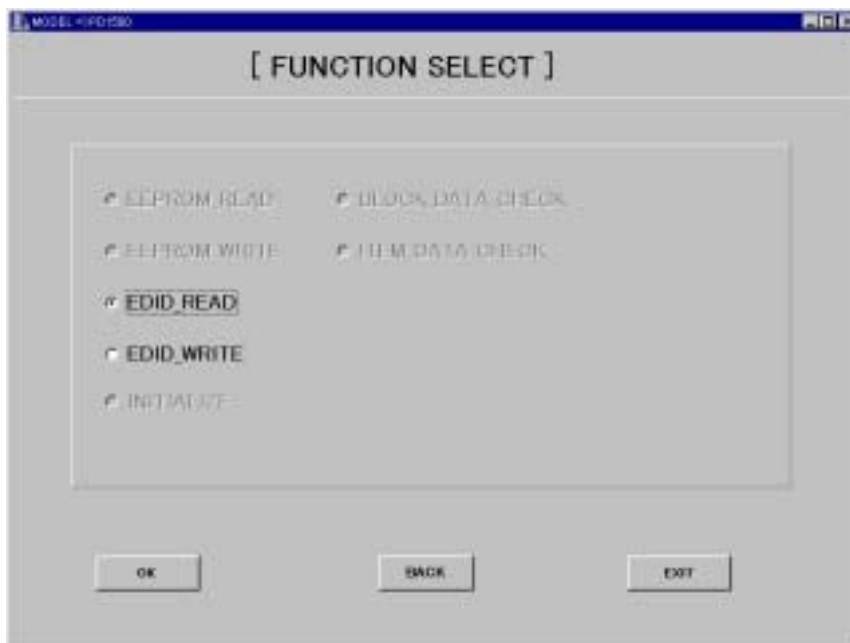
- 1) Connect the EDID data writing unit with jigs, etc. (Refer to a DVI-A connector connection figure)
- 2) Copy all the files of the service tool Ver. 3.17 (Parameter ver. 1.0-S1) in a proper directory.
- 3) Start [Service2.EXE] of the service tool Ver. 3.17.
- 4) When the screen as shown below appears, give a check to [LCD] of [Monitor Type] and press the [START] button.



- 5) When the screen as shown below appears, adjust the cursor to [LCD2080-DVI-I-A] and make a double click.



- 6) When the screen as shown below appears, give a check to [EDID_READ] and press the [OK] button.



- 7) When the screen as shown below appears, confirm that the correct data are displayed in the columns of EDID DATA CONTENTS and Serial information.

If all the displayed data are [FF] or the like, or if the serial number is different from that of the corresponding unit, then EDID data writing should be carried out.

EDID DATA CONTENTS

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
10	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
20	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
30	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
40	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
50	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
60	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
70	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF

Serial information

Year of Manufacture : 2245 Year =>

Week of Manufacture : 255 Month =>

Serial No1 => NONE Input OK

Serial No2 => *****

Read EDD [Discrimination No.]

STATUS: EDID Module read OK

BACK Exit

- 8) When a screen of Item 6 is displayed by pressing the [BACK] button, give a check to [EDID_WRITE] and press the [OK] button.

- 9) When the screen as shown below appears, examine the serial number of the unit, enter an input in the column of [Input Serial No.] through the keyboard, and press the [Input OK] button.

Enter an input in the column of [.Year=>] in manufactured year(A.D. four digits) and [Month=>] in manufactured month through the keyboard, and press the [Input OK] button.

Input Serial No. 31200001EB 10 byte Input OK EDD-TXT LOAD [Select File]

EDID DATA CONTENTS EDID CODE => LC0208 ANALOG

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	00	FF	FF	FF	FF	FF	FF	00	30	A3	05	88	01	01	01	01
10	30	0C	01	03	0F	26	1F	70	EE	4E	95	A1	57	4C	94	2A
20	1C	50	54	BF	EF	80	31	58	45	58	41	58	71	4F	31	4F
30	01	80	81	80	A8	40	48	3F	40	30	82	80	32	40	40	C0
40	13	00	80	32	11	00	00	1E	00	00	00	7D	00	30	57	1E
50	00	11	00	0A	20	20	20	20	20	20	00	00	00	FC	00	4C
60	43	44	32	30	38	30	55	58	0A	20	30	20	00	00	00	FF
70	00	32	58	30	30	30	30	30	3F	45	41	6A	20	20	00	EC

Serial information

Year of Manufacture : 2002 Year => 2003

Week of Manufacture : 40 Month => 02

Serial No1 => NONE Input OK

Serial No2 => 7X000001EA

Read EDD [Discrimination No.]

STATUS: EDID File Read OK

BACK Exit

- 10) When the [WRITE EDID] button is pressed, writing of the EDID data only is carried out. Upon the completion of correct writing, a display of [EDID Monitor Write OK] is presented in the column of [STATUS].

3.4.2 EDID Data Inspection and Writing to the DVI Connector (Input 1) Digital

- 1) Connect the EDID data writing unit with jigs, etc. (Refer to a DVI-A connector connection figure)
- 2) The "BACK" button is pushed twice and the [MODEL SELECT] screen is displayed. Cursor is united and double-clicked to [LCD2080-DVI-I-D].
- 3) 6) to 10) is carried out in the procedure of the 3.4.1 "EDID Data Inspection and Writing to the DVI Connector (Input 1) Analog".

3.4.3 EDID Data Inspection and Writing to the D-SUB Connector (Input 2) Analog

- 1) Connect the EDID data writing unit with jigs, etc. (Refer to a D-SUB connector connection figure)
- 2) The "BACK" button is pushed twice and the [MODEL SELECT] screen is displayed. Cursor is united and double-clicked to [LCD2080-D-SUB-A].
- 3) 6) to 10) is carried out in the procedure of the 3.4.1 "EDID Data Inspection and Writing to the DVI Connector (Input 1) Analog".

3.4.4 EDID Data Writing to the D-SUB Connector (Input 2) Digital

- 1) Connect the EDID data writing unit with jigs, etc. (Refer to a D-SUB connector connection figure)
- 2) The "BACK" button is pushed twice and the [MODEL SELECT] screen is displayed. Cursor is united and double-clicked to [LCD2080-D-SUB-D-WRITE].
- 3) 8) to 10) is carried out in the procedure of the 3.4.1 "EDID Data Inspection and Writing to the DVI Connector (Input 1) Analog".

3.4.5 EDID Data Inspection to the DVI-D Connector (Input 2) Digital

- 1) Connect the EDID data writing unit with jigs, etc. (Refer to a DVI-D connector connection figure)
- 2) The "BACK" button is pushed twice and the [MODEL SELECT] screen is displayed. Cursor is united and double-clicked to [LCD2080-DVI-D-READ].
- 3) 6) to 7) is carried out in the procedure of the 3.4.1 "EDID Data Inspection and Writing to the DVI Connector (Input 1) Analog".

3.4.6. OSM Model Name and Serial Number Check

Display "MONITOR INFORMATION" of the OSM, and confirm that the model name (LCD2080UX) and serial number have been correctly written. (Check that it is also in agreement with the written-in serial number.)

3.5 EDID Data File

EDID Data : LCD2080_A.edi (ANALOG)

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00	00	FF	FF	FF	FF	FF	FF	00	38	A3	05	66	01	01	01	01
10	30	0C	01	03	0F	29	1F	78	EE	4E	95	A1	57	4C	94	26
20	1C	50	54	BF	EF	80	31	59	45	59	61	59	71	4F	81	4F
30	81	80	81	99	A9	40	48	3F	40	30	62	B0	32	40	40	C0
40	13	00	98	32	11	00	00	1E	00	00	00	FD	00	30	57	1E
50	60	11	00	0A	20	20	20	20	20	20	00	00	00	FC	00	4C
60	43	44	32	30	38	30	55	58	0A	20	20	20	00	00	00	FF
70	00	32	58	30	30	30	30	30	31	45	41	0A	20	20	00	EC

EDID Data : LCD2080_D.edi (DIGITAL)

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00	00	FF	FF	FF	FF	FF	FF	00	38	A3	05	66	01	01	01	01
10	30	0C	01	03	80	29	1F	78	EE	4E	95	A1	57	4C	94	26
20	1C	50	54	BF	EF	80	31	59	45	59	61	59	71	4F	81	4F
30	81	80	81	99	A9	40	48	3F	40	30	62	B0	32	40	40	C0
40	13	00	98	32	11	00	00	1E	00	00	00	FD	00	30	57	1E
50	60	11	00	0A	20	20	20	20	20	20	00	00	00	FC	00	4C
60	43	44	32	30	38	30	55	58	0A	20	20	20	00	00	00	FF
70	00	32	58	30	30	30	30	30	31	45	41	0A	20	20	00	7B

Note 1: address 10h

Week of manufacture = Month of manufacture × 4

Note 2: address 11h

Year of manufacture - 1990

Note 3: address 71h ~ 7Dh

Serial Number (ASCII coded)

If less than 13 char, terminate with 0Ah and fill the rests with 20h.

Note 4: address 7Fh

Checksum

The sum of entire 128 byte should be equal to 00h.

TROUBLESHOOTING

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Note

Prior to the diagnostic servicing for troubleshooting, the following items should be examined to confirm the freedom from abnormality:

(1) Power supply voltage: 100 to 240VAC

(2) Input signal: 1600 x 1200 (60Hz), recommended (Separate)

DVI 2-input

Analog RGB 0.7Vp-p (when terminated with 75Ω)

Digital TMDS *1, *2

Display pattern

Display not in black

(3) All connectors should be correctly connected in the unit.

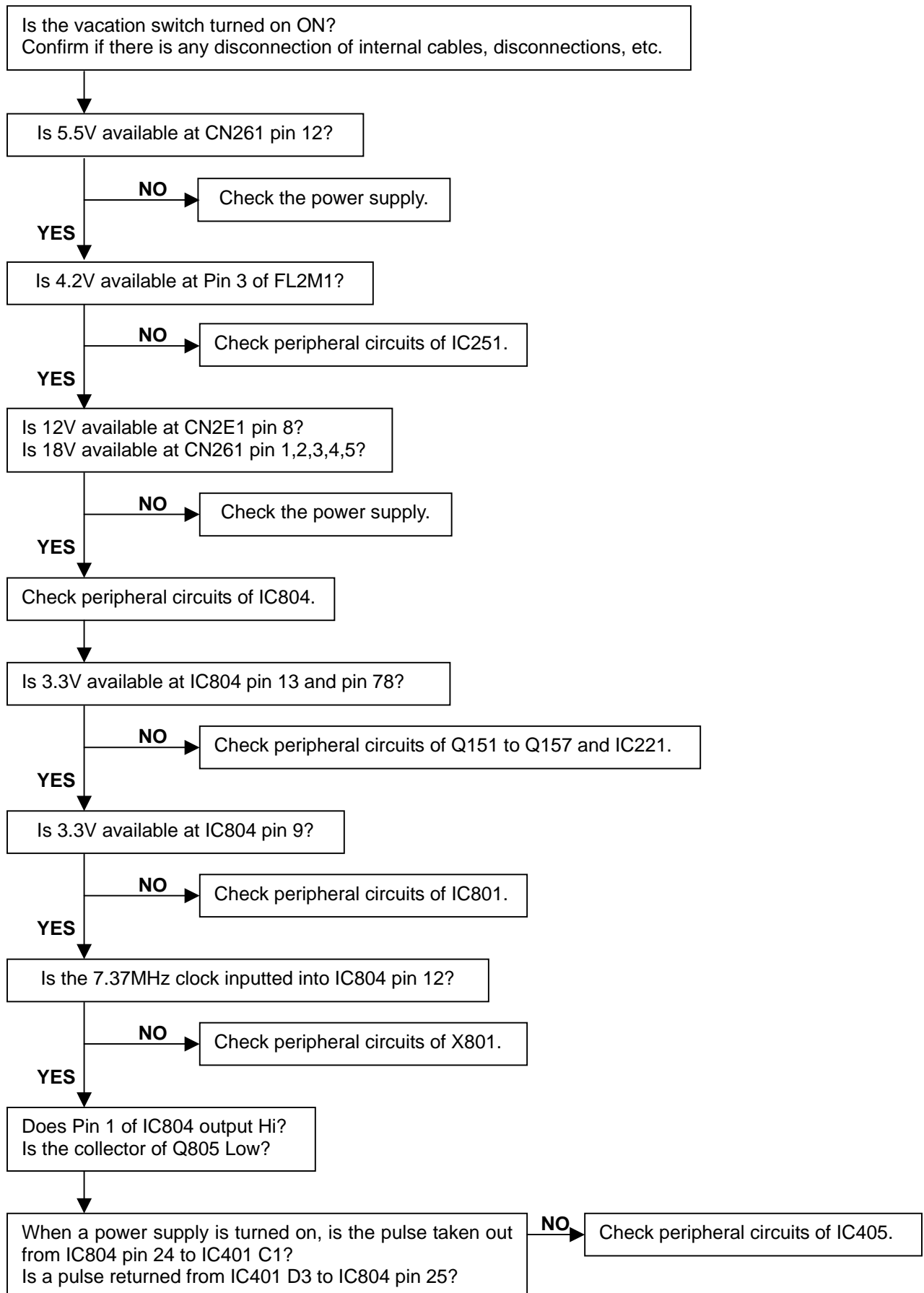
*1 With an ordinary oscilloscope, signal check is impossible to carry out. Confirm that the signal output is normally generated, using a normally operating unit (a different model acceptable).

*2 For some types of video boards, digital signal output may fail to be generated unless the DDC is read out on the unit side and the unit is confirmed to be a “digital compatible monitor.”

<< Explanations below are based on the analog DVI input(input 1).>>

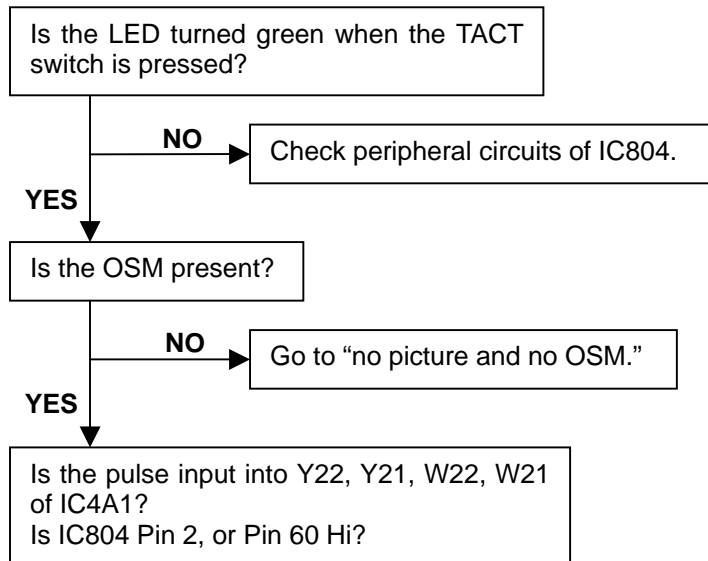
6-1

1. POWER is Not Available

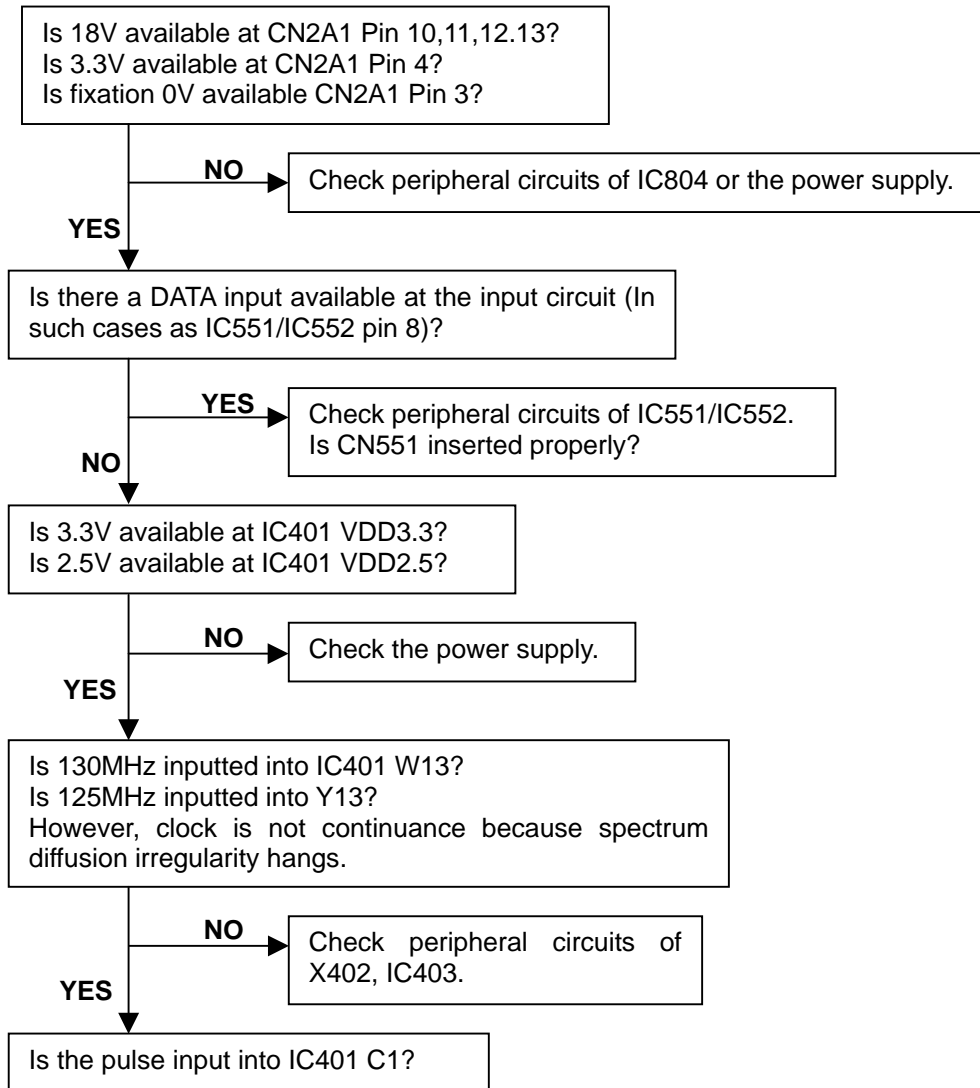


2. No Picture Display

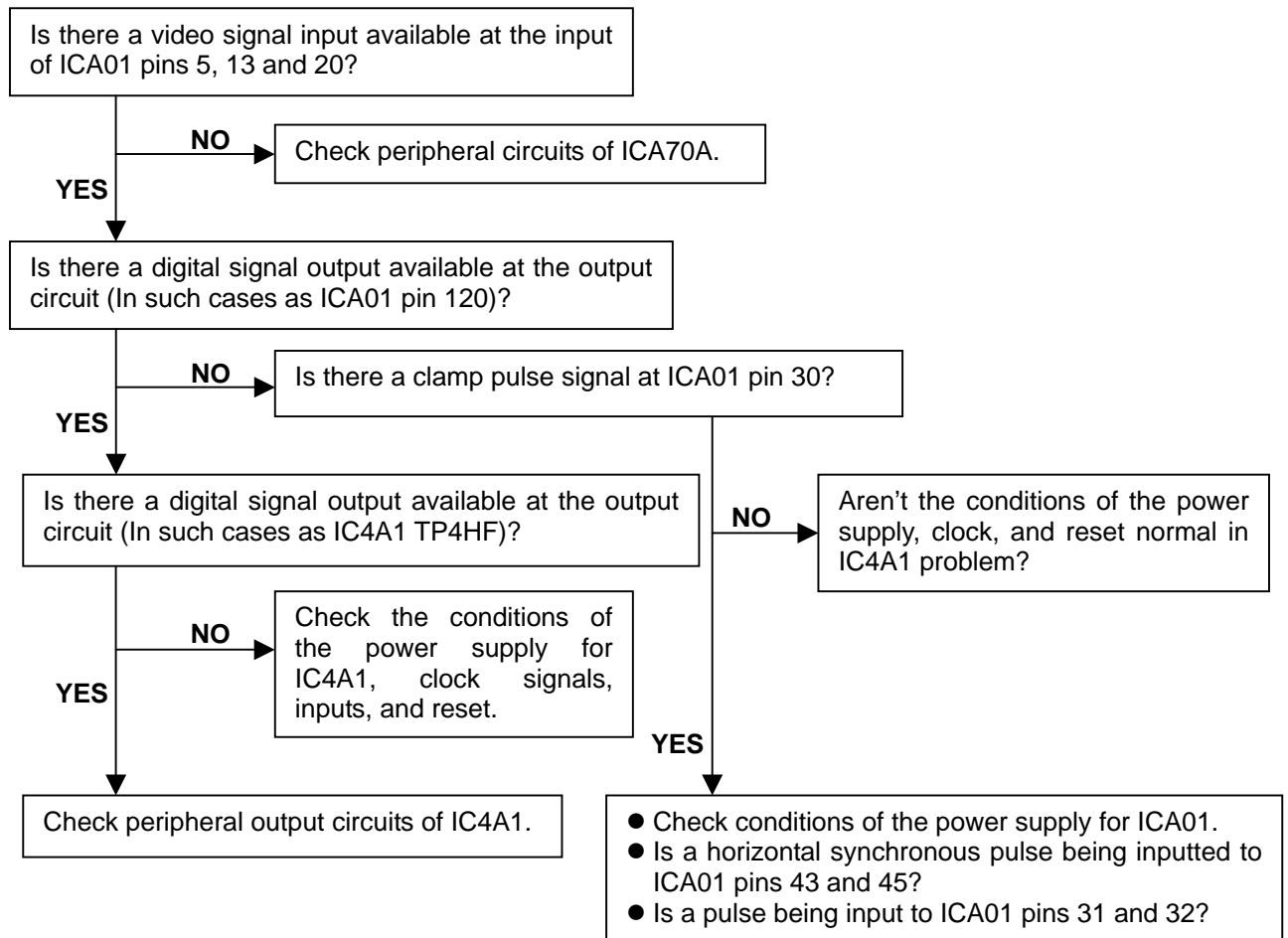
2.1 Black Screen and LED is Amber



2.2 Black Screen, LED Green, and No OSM Present

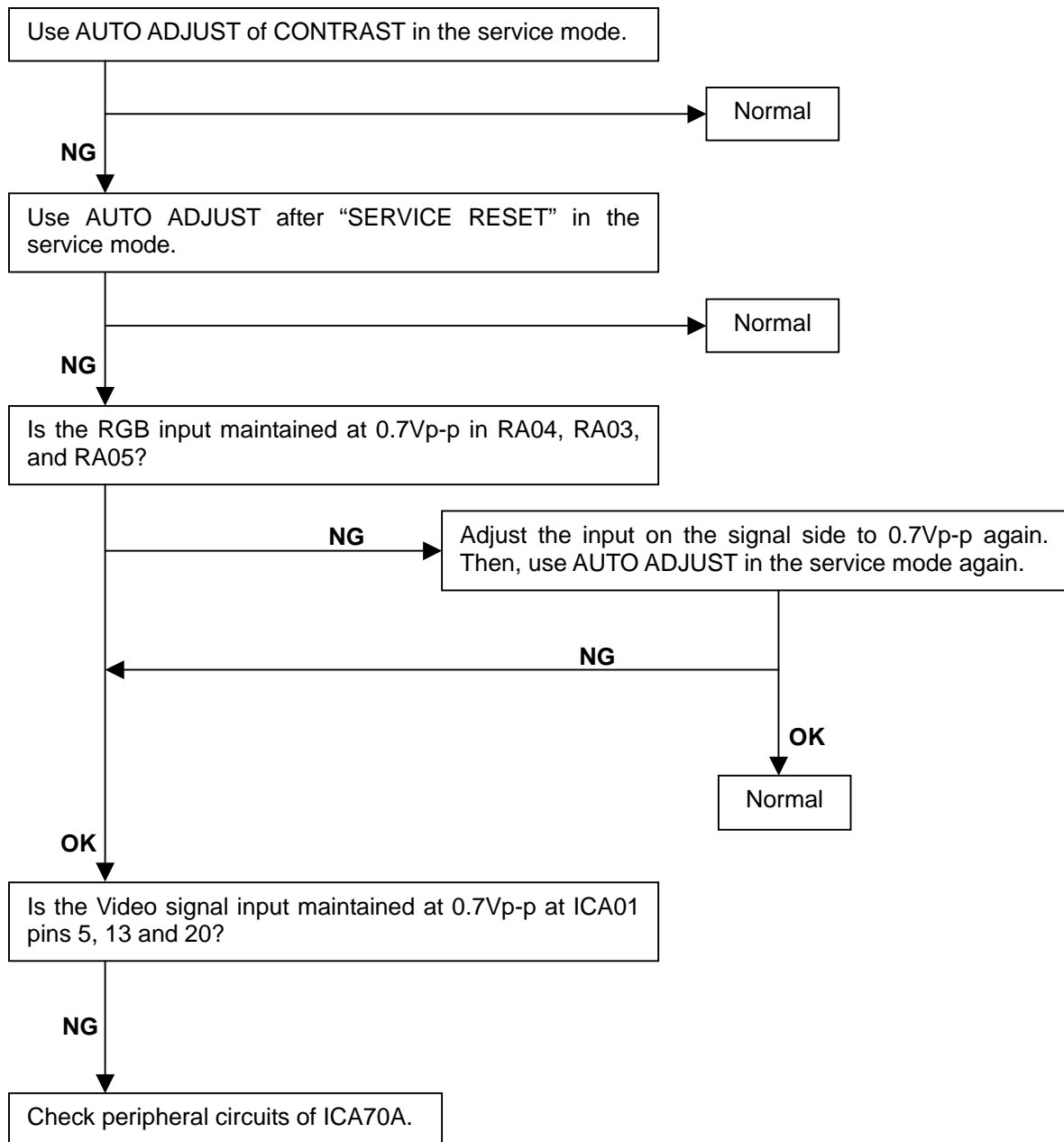


2.3 Black Screen, LED Green, and OSM Present

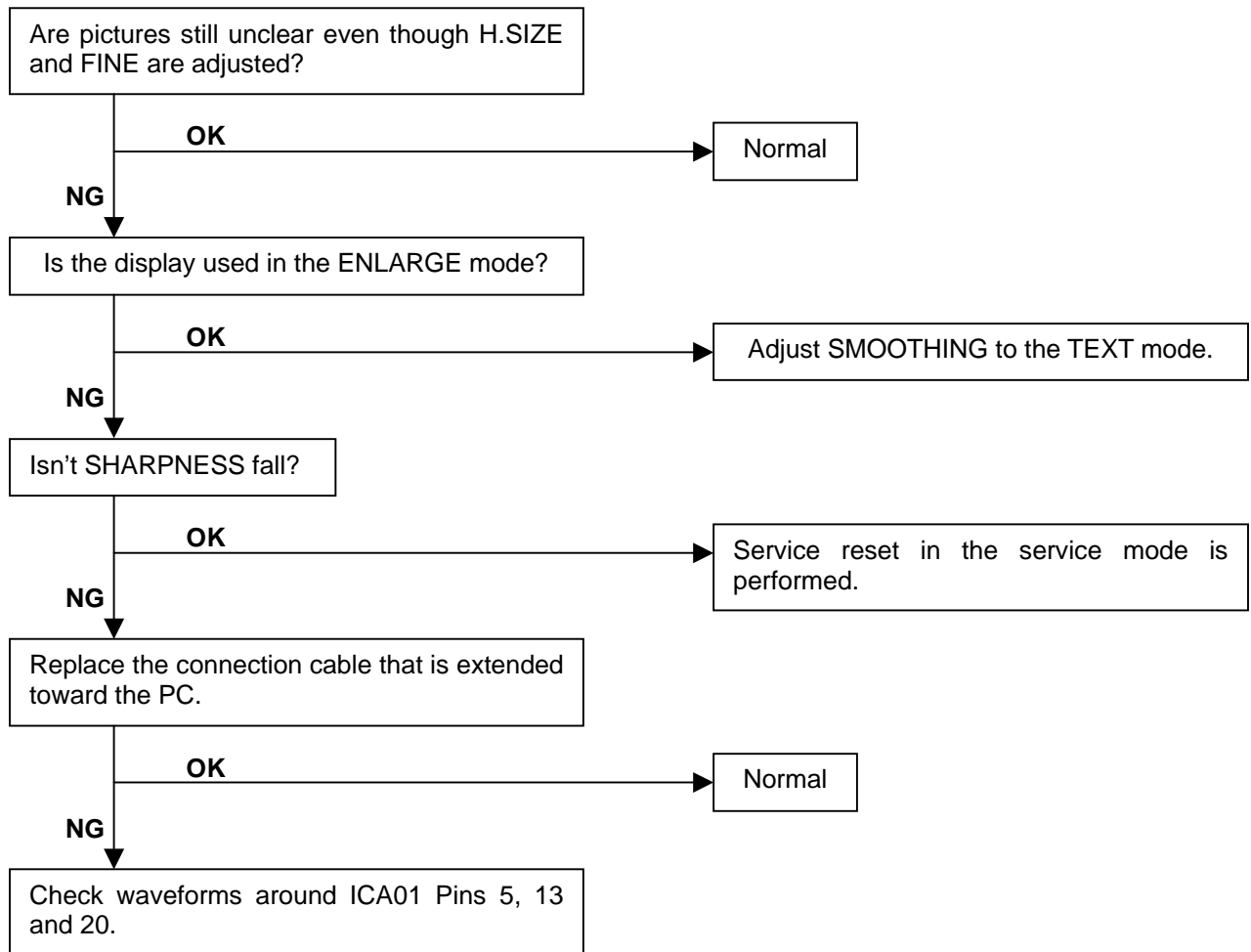


3. Picture Errors

3.1 High-Light Chroma in White or Black

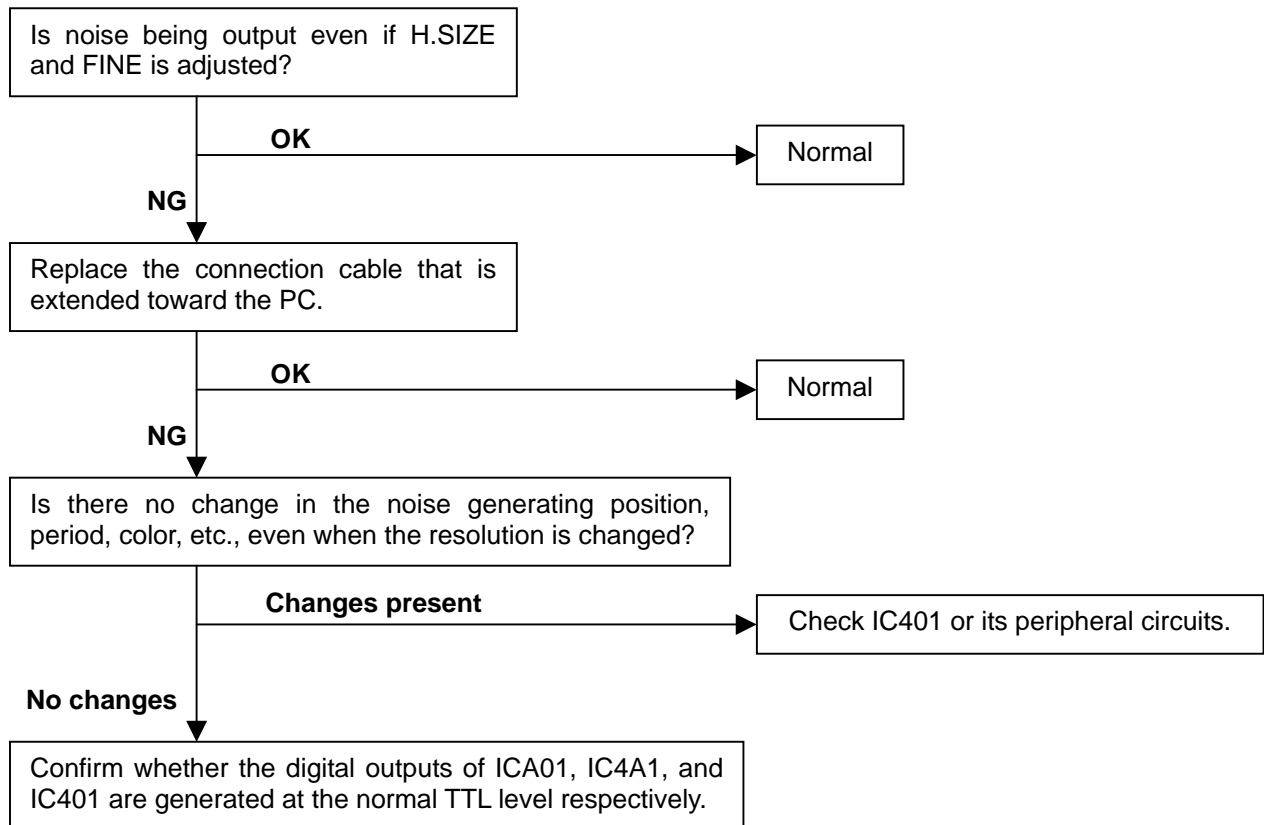


3.2 Images are Unclear

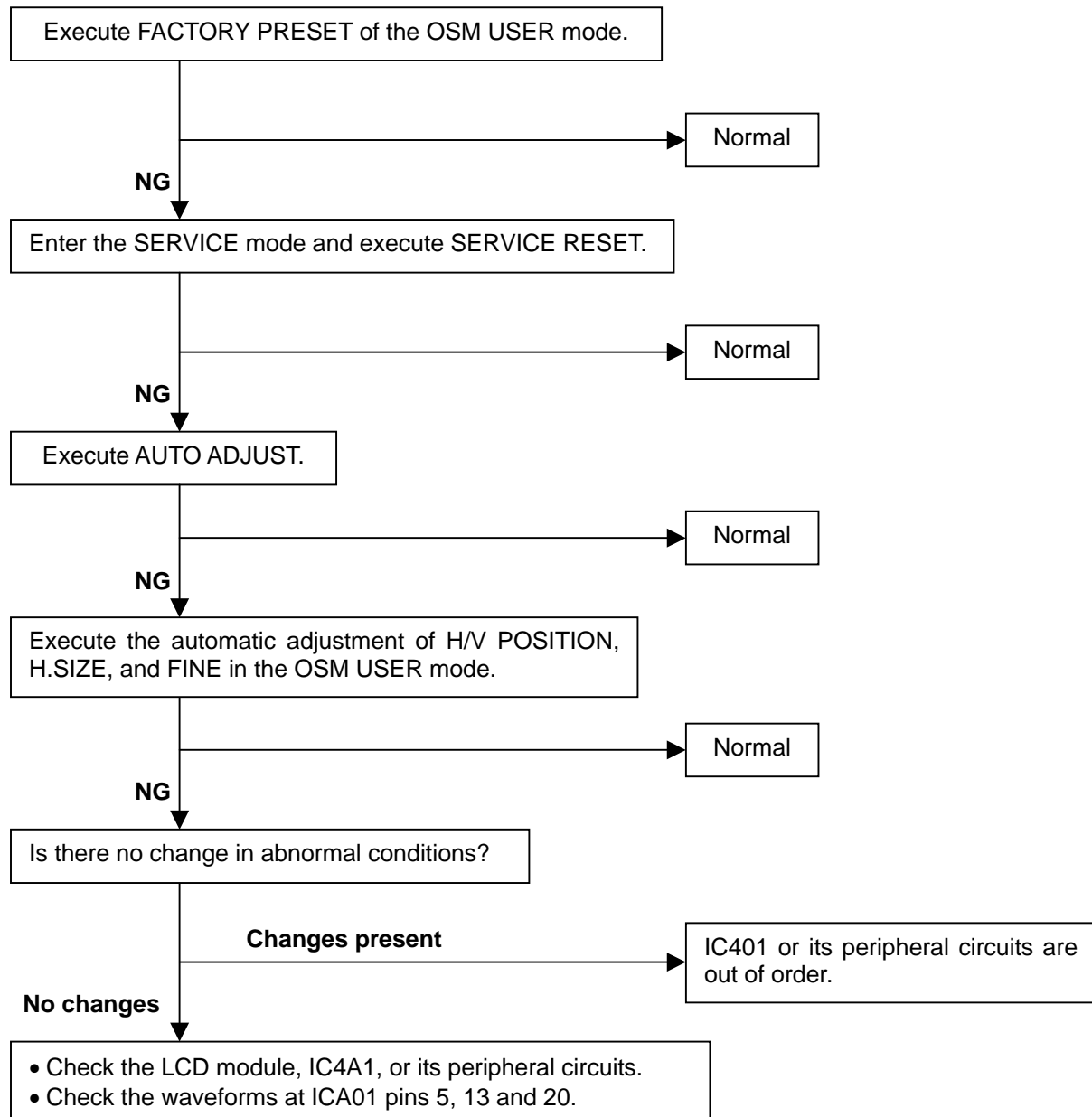


* For the automatic adjustment of H/V POSITION, H.SIZE, and FINE, it is necessary to use images in the outermost periphery of the video activity area. During adjustments, use images of full screen display by WINDOWS.

3.3 Image Noise



3.4 Color Errors



4. Other Operational Errors

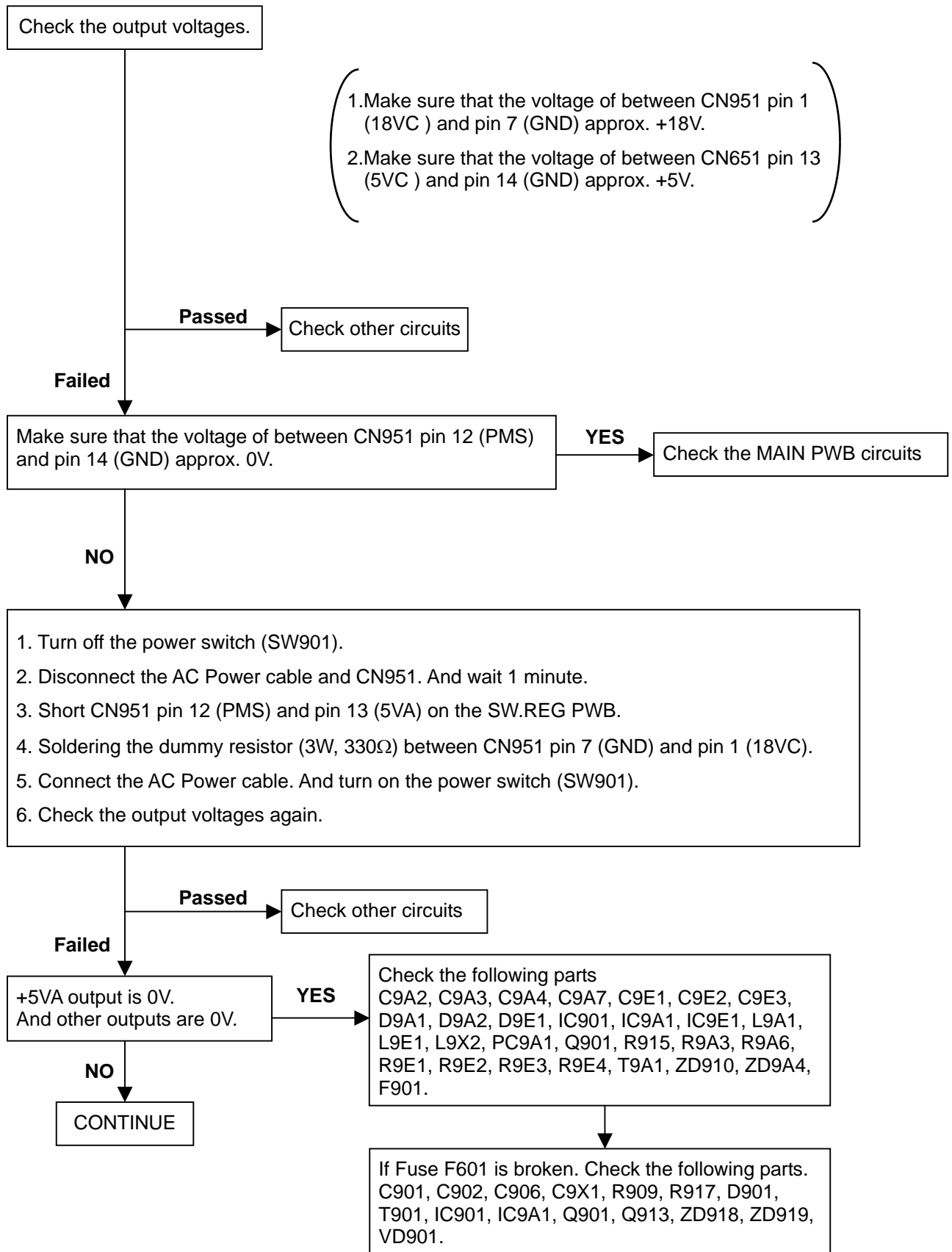
4.1 DDC Read Error

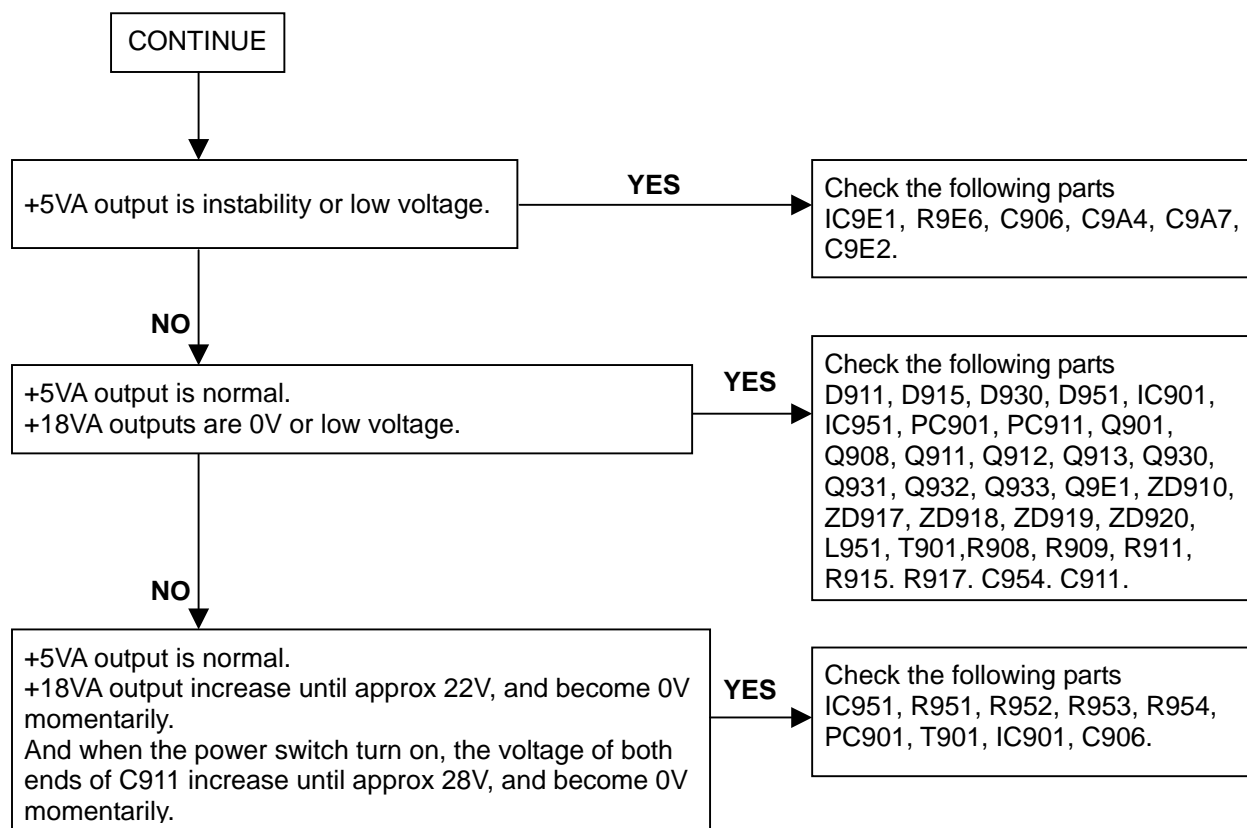
- Check the power supply for IC8A1/IC8F1.
- Check the clock signal waveform at IC8A1 Pin 1 and the data waveform at Pin 2.

4.2 Back Light Malfunction

- Check for the withdrawal of cables, if any.
- Is 18V available at CN2A1 Pins 10 to 13?
- Is 3.3V available at CN8A1 pin 4 ? Is there a waveform at CN2A1 pin 11?
- If there is still no lighting even though the above-mentioned voltages are maintained, then the inverter PWB is considered to be out of order.

5. Switching Regulator Circuit Failure





CIRCUIT DESCRIPTION

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1. Outlined Software Descriptions

The LCD2080UX is a 20.1-inch LCD monitor equipped with two systems of input connectors.

INPUT1 is the DVI-I connector that can pick up an input of either the digital signal (TMDS) or the analog signal. INPUT2 is provided with the DVI-D and VGA connectors either of which can be used for the input entry.

The analog input signal is selected in the RGB 2ch analog signal changeover circuit, incorporated in the AD converter (ICA01). The AD converter is used to convert the RGB signals into the digital signals, each consisting of 8 bits. The sampling frequency for AD conversion is generated through the multiplication of the sync signal. This signal frequency is transferred to the signal processor IC (IC4A1) together with the converted data.

In regard to the DVI digital signal input, on the one hand, the TMDS signal is decoded at the TMDS receiver (ICK01 or K02) and then transferred to IC4A1. For the two TMDS receiver outputs, each has a capacity of wiring for $8 \text{ bits} \times 3 \text{ (RGB)} \times 2 \text{ (pixel/ clock)} = 48 \text{ bits}$. These circuits are connected in the wired OR mode in order to reduce the number of circuit parts.

The signal processor IC (IC4A1) has the functions of sync signal telemetry, delay compensation, and color adjustment. The data after AD conversion or those decoded at the TMDS circuit are entered in the scalar LSI (IC401) via IC4A1. The scalar LSI tentatively stores the image data in its internal SDRAM for the purpose of extended conversion processing. The OSM images are also generated here. The control program of extended conversion and the OSM image data are stored in the flash memory of IC402. The rate of extended conversion and the OSM image data are controlled by the MPU (IC804) through the UART communication line (TXD, RXD).

The data processed in IC401 are sent to the LVDS transmitter. The LVDS signal is decoded again in the LCD panel control PWB, and the pictures are displayed at the panel.

The MPU is in charge of input signal discrimination, AD converter control, OSM control, key scan, signal reset detection, power sequence control, inverter control, signal processor IC control, hours running control, and so on. The IC804 program is stored in the internal ROM or the flash memory, and the user adjustment data are stored in the EEPROM (IC803) through the I²C bus.

2. Circuit Block Descriptions

2.1 Analog Signal Input Circuit

2.1.1 Analog Signal Processor Circuit (Descriptions Only for G ch on the DVI-I Side)

The analog video signal input entered in the DVI-I connector is put in the OP AMP of ICA70A through the emitter follower circuit of QA70G. This video signal is amplified about twice in this IC. The amplified video signal is attenuated by RA76A and RA77A to the 1/2 level. Through the C-coupling of CA12, the resultant signal is entered in the AD converter ICA01.

QA71G and QA72G are the transistors used for the ON/OFF operation of the analog delay circuit. When they are turned off, DA71G and DA72G and DA73G are turned on and a CR low pass filter is formed by RA75G, CA73G, CA75G and CA77G. QA81G and QA82G are the transistors used for the ON/OFF operation of the analog delay circuit. When they are turned off, DA81G and DA82G and DA83G are turned on and a CR low pass filter is formed by RA85G, CA83G, CA85G and CA87G. Thus a propagation delay takes place at a high frequency. The amount of delay can be adjusted in 4 steps inclusive of "no compensation" through the selective changeover of QA71G and QA72G. The high-domain frequency attenuated in the delay circuit is automatically compensated for by the function of sharpness available in IC4A1. For the purpose of waveform correction, QA73G and QA83G are used to sharpen the blunt video signal caused by raising the high-frequency gain.

2.1.2 SOG Sync Separator Circuit

After the completion of C-coupling, the G input signal is amplified to about three times at the current feedback type OP AMP of ICA70A through the video buffer circuit of QA70G and the SOG buffer circuit of QAM1 call for a power supply of negative potential.

The 3-times amplified signal is processed at the emitter earthed transistors (QAH1 and QAH2) and only the sync signal component of about 3.3V in the amplitude is output to the collector. The waveform of this output is shaped up at the Schmitt input inverter. Since then the output signal is entered in the signal processor LSI (IC4A1). This signal is used for the frequency measurement of the SOG signal.

At the time of the entry of the SOG signal input, the horizontal sync signal intended for the generation of the PLL clock for the AD converter is gained from the output of ICA70A and through the potential division by RA76A/RA77A and RA86A/RA87A. The obtained output is entered in the AD converter of ICA01. In the inside of AD, there is a comparator intended for the separation of video signals from sync signals. The slice level can be adjusted with the use of the advanced menu.

2.1.3 Sync Signal Changeover Circuit

1) Sync signal for measurements (separate, composite)

The horizontal (or composite) sync signal input entered in the Schmidt inverter of ICAA1 is entered together with the vertical sync signals in the signal processor IC (IC4A1) through the waveform shaping Schmidt inverter of IC4A2 and IC4A3.

2) Sync signals for AD sampling clock

The horizontal (or composite) sync signal input entered in the Schmidt inverter of ICAA1 and ICAA2 is entered in the AD converter (ICA01) through the analog switch of ICAA3 and ICAA4. The horizontal signal input entered in the AD converter is used as a PLL phase comparator signal intended for the generation of AD sampling clock signals. ICAA3 and ICAA4 has a function of sync signal line ON-OFF so that "signals are transmitted at a low resistance in normal operation and the AD converter is protected in the PMS mode."

3) Sync signals for measurements (SOG)

The SOG sync signal input of 3.3V in the amplitude, entered in the Schmidt inverter of ICAA1 and ICAA2, is entered in the signal processor IC (IC4A1) through ICAA6. This ICAA6 has a function of separation sync signal changeover so that "a high separation performance characteristic is gained in ordinary operation and less power is consumed in the PMS mode."

4) Schmidt power supply changeover circuit

The source voltage of the Schmidt inverter consisting of ICAA1 and ICAA2 is controlled by changing over the feedback voltage of ICAA6 with the aid of the SMT 2.7V signal that has been controlled by the MPU. When the sync waveform becomes blunt and a step-state waveform is observed in the vicinity of the threshold level of the Schmidt inverter (FINE noise does not disappear in the picture), the source voltage is changed with the advanced menu to regulate the threshold voltage.

2.2 AD Converter

Changeover of the two signals is controlled inside the AD converter, and this control is effected from the MPU through the I²C bus.

The AD converter (ICA01) is used to convert the RGB video signals of about 0.7Vp-p into the digital signals of 8 bits each, 24 bits in total. The conversion clock into the digital signals is based on the horizontal sync signal. The clock signal is generated in ICA01 by the incorporated PLL circuit.

The video signal input is entered in ICA01 through the C-coupling by CA05 to CA10. This signal input is clamped at the input stage of ICA01 by the clamp pulses in the horizontal back porch block. The clamp pulses are generated from the previously mentioned horizontal signals in the signal processor IC (ICA01), and entered in Pin 30. After clamping, the video signals pass through the built-in pre-AMP and AD conversion is effected with the sampling clock generated by the above-mentioned PLL.

The register used to set up the clamp pulses and the pre-AMP gain is controlled through the I²C bus of Pins 31 to 21. The circuit components of CA21, CA2A, CA22, and RA30 connected to Pin 50 are used to establish a loop filter for the generation of the PLL clock. If this block involves any abnormality, pictures cannot be reproduced correctly.

SOG and COMPOSITE SYNC are used to suspend the PLL phase comparison during the vertical blanking by the COAST (or called HOLD) generated in the inside of ICA01. If this signal is not available, the clock frequency changes during the vertical period and a curve is produced in the upper part of the screen.

2.3 Digital Signal Input Block

The TMDS (panel link) signal is decoded by the receiver IC circuit (ICK01, ICK02) and then converted into a digital signal of 48 bits. (The digital signal is used to select the Input 1 or Input 2 side while a wired OR circuit is established by the outputs of ICK01 and ICK02 and the PDO terminal of ICK01 and ICK02 is controlled by the MPU (IC804).)

2.4 IC4A1 Signal Processor Block

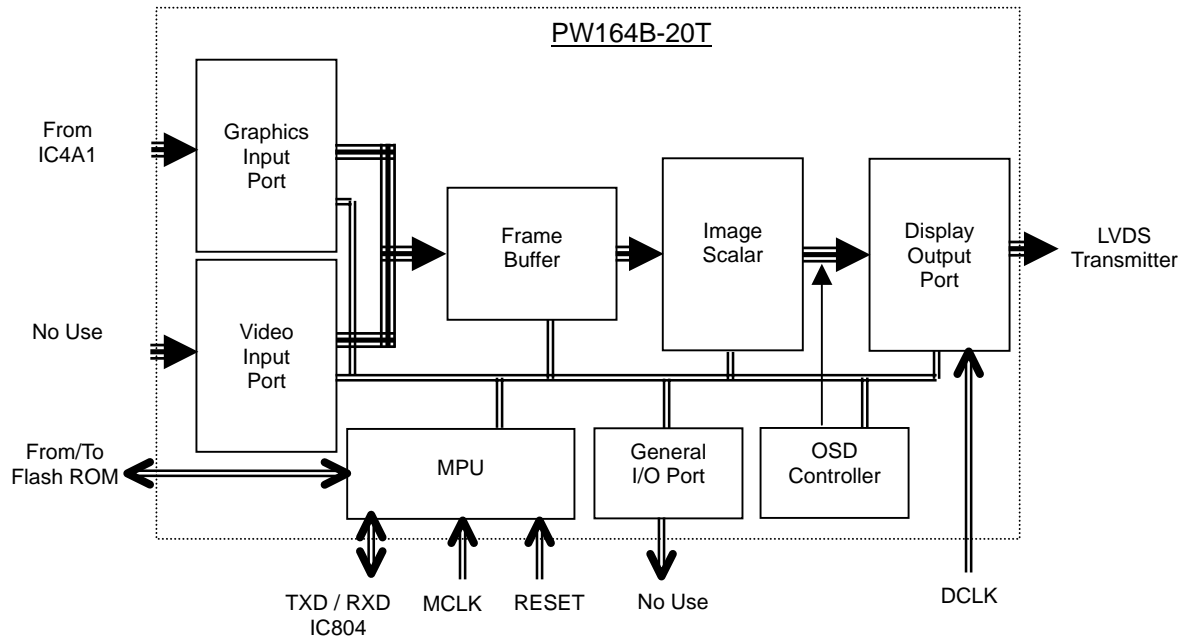
When the output image data are received from the ADC (ICA01) or the TMDS receiver (ICK01, ICK02) and the processing described below is carried out in the inside of IC4A1, the image data are sent out to the scalar of IC401.

- 1) Detection, measurement, and discrimination of sync signals
- 2) Input signal position control (RGB individual control enabled)
- 3) ADC/TMDS* input signal changeover
- 4) Color adjustment

* Mutual TMDS changeover is effected through the control of the PD/PDO terminal by the MPU.

2.5 Scalar (IC401) and Peripheral Circuits

2.5.1 Internal Block Diagram of IC401



2.5.2 LVDS

The 48-bit digital signal output from the scaling IC (IC401) is entered in the LVDS transmitter (IC551, IC552).

The LVDS signal is transmitted from CN551 to the panel control board, and decoded within this board.

2.5.3 Clock Generator Circuit

Original oscillation is caused in the 14.31818MHz oscillator (X402). Since then, the output is multiplied by 5 times at the PLL (IC403). As a result, a clock signal of 130MHz is gained and fed to IC401. This signal is called the MCLK and used for the control of SDRAM incorporated in IC401 and also for the internal MPU system clock (however 1/3) and others.

The difference frequency output is generated from IC403 Pin 4. This output signal is multiplied by 4 times at another PLL (IC403), and a clock signal of 125MHz is gained and fed to IC401. The multiplied signal is called the "DCLK" and used for the panel driving clock. However, the panel driving clock is DCLK/2.

2.5.4 Flash Memory

The flash memory (IC402) keeps the program data of the MPU incorporated in IC401. The address bus is "A[19:1]" and the data bus is "D[15:0]". These program data can be rewritten from CN401 through an appropriate jig.

2.6 MPU and Peripheral Circuits

2.6.1 Reset Circuit (1)

Resetting of the MPU is effected by IC801. The source voltage is raised from zero volt to 3.3Vdc and the resetting condition of the MPU is canceled after about 34ms after the moment when the potential at IC801 Pin 2 reaches 1.25V. In case of MPU runaway, this MPU can be forcibly reset from the outside, by pressing POWER and RESET of the front key simultaneously.

2.6.2 Reset Circuit (2)

The reset circuit installed in the periphery of IC802 is used to detect a momentary potential dip of 18V. If there is any abnormality in the power transformer output or load, IC802 maintains the potential of Pin 6 at the Low level during the period of about 34ms after the moment when 18V has lowered to about 1.34V. When the L potential is sensed, the MPU once causes the power transformer output to shift to the PMS state and then establishes the power again for the panel, the scalar, etc.

2.6.3 EEPROM

The various adjustment data are stored in IC803 that is connected to the MPU through I²C. For data writing from the MPU, the output is generated from Pin 29, but the data input read out of the EEPROM is entered in Pin 28. The clock signal is used in common for both writing and reading.

2.7 DDC

2.7.1 INPUT1 (IC8A1, IC8A2)

Two banks of EEPROMs, each with a capacity of 8 bits × 128 words, are loaded in this IC. The EDID data for both digital and analog can be read out of one IC by means of one set of the DDC lines.

The digital/analog changeover is effected by DVI selection of the OSM. The result of selection on the OSM is written in IC8A2 by the MPU. The output from Pin 5 of IC8A2 is switched over to H or L according to the written data. The switching of the output H/L status is carried out when this status information is applied to Pin 11 of the bank changeover terminal in IC8A1. Since IC8A2 is a non-volatile memory that enables the written data to be held, the required data can be read out by simply feeding a source voltage to IC8A1 and IC8A2 even though the MPU is not turned on. Please refer 2.7.3

2.7.2 INPUT2 (IC8F1)

This IC has the same characteristics as those of IC8A1. The EDID data for both digital and analog are written in one IC. However, when the potential at Pin 12 of IC8F1 is lowered to the L level, it becomes possible to read out the digital data and the analog data independently of each other.

In the same manner as that for IC8A1, data writing in IC8F1 is conducted from one set of the DDC lines. When the potential at Pin 12 is turned to the H level, only the DDC line on the VGA connector side becomes available. In the same manner as for IC8A1, two kinds of the EDID data can be written from a set of the DDC lines under the control from Pin 11 intended for bank changeover. For bank changeover, similarly as for conventional models, the V sync polarity is discriminated by the MPU and the related setting is made at IC8A2.

2.7.3 DDC-CI

In the DDC-CI, this unit can be controlled from the host side without using the front key. In the state that a picture of INPUT1 is displayed, /DVISEL1 of the MPU output terminal is set at L. When /DVISEL1 is set at L, the sections on Pins 8 and 9 of IC8A1 are turned on and those on Pins 8 and 9 of IC8F1 are turned off (Hi-Z). In the state that INPUT2 is displayed, /DVISEL1 is set at H, the sections on the IC8A1 side are turned off and those on the IC8F1 side are turned on. The DDC lines of IC8F1 come in two systems arranged so that the MPU can always maintain communication with the host DDC line on the picture display side while the MPU controls the bank changeover Pin 11 according to the display of analog or digital.

2.7.4 Auto DVI Selection

The two EDIDs of “digital” and “analog” of INPUT1 can be selected by any of the two methods of Auto and Manual.

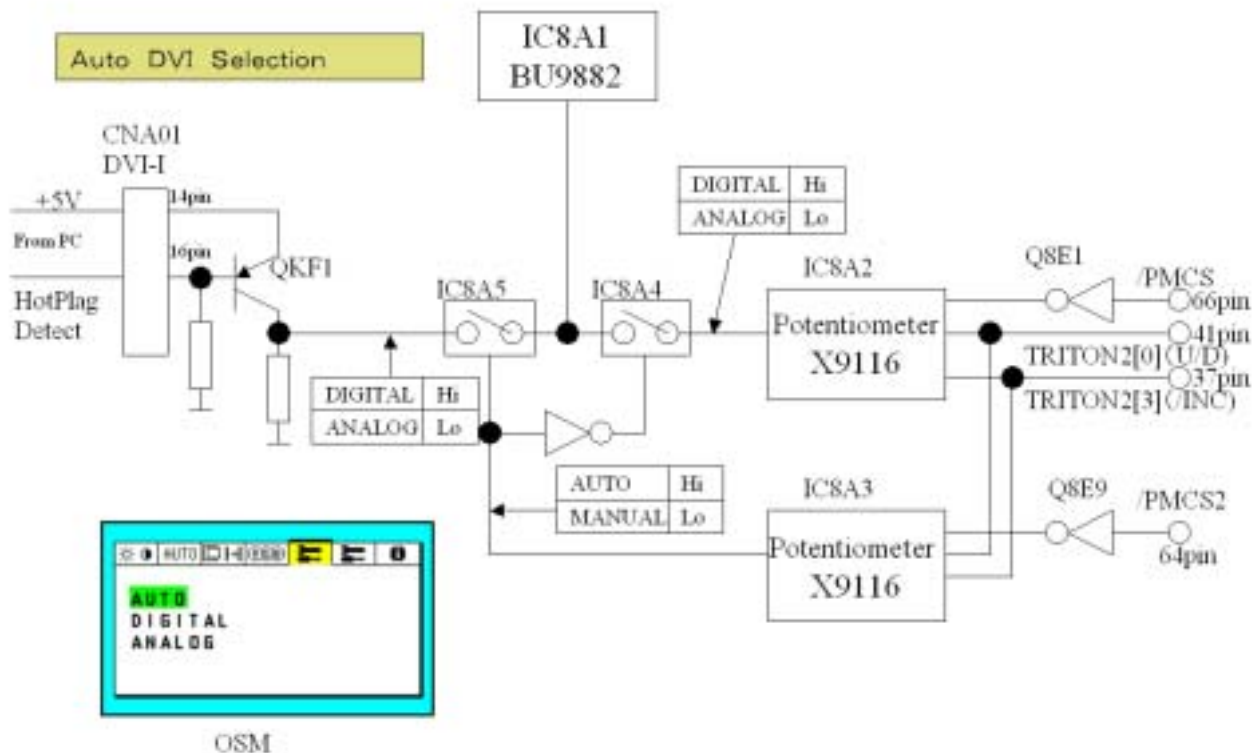
In the AUTO mode, Pin 14 and Pin 16 are short-circuited when the accessory cable is of DSUB-DVIA. In the DVID-DVID mode, on the other hand, DVI selection is automatically carried out, utilizing the fact that Pin 16 is for a high impedance.

When the DVI selection is performed in the AUTO mode and the signals are of analog, CKF1 is cut off and BANKSEL of IC8A1 (Pin 11) is turned low. In this state, the analog EDID is read out. In the digital mode, QKF1 is turned on, BANKSEL is turned high, and the digital EDID is read out.

A changeover action is taken between AUTO and MANUAL by IC8A5 and IC8A4. This status is maintained at the potentiometer of IC8A3 even though the power supply has been turned off.

Whether DIGITAL or ANALOG is selected in the manual mode is controlled by the microcomputer IC804 according to the user menu of the OSD. This status is maintained at the potentiometer of IC8A2 even though the power supply has been turned off.

IC8A2 and IC8A3 are controlled by the microcomputer IC804 through the three wires. /PMCS and /PMCS2 are the chip select ICs, respectively. The U/D is used to determine the direction in which the resistance at the potentiometer is increased or decreased, in order to secure an increment at the rising edge of /INC. Since this potentiometer is provided with 16 statuses, the status of high or low is changed over by applying the 16 pulses.



2.7.5 EDID DATA read/write

Table 2.7.5 Control Terminals of the EEPROM (IC8A1 / IC8F1)

		IC8A1 DDCENA 10pin	IC8F1 DDCENA 10pin	IC8A1 DUALPCB 12pin	IC8F1 DUALPCB 12pin	IC8A1 BANKSEL 11pin	IC8F1 BANKSEL 11pin	CPU /DVISL1 P21	CPU /WP P20
Reading from EEPROM	DVI-I DIGITAL	H	L	H	–	H	–	L	L
	DVI-I ANALOG	H	L	H	–	L	–	L	L
	DVI-D	L	H	H	L	–	H	H	L
	DSUB	L	H	H	L	–	L	H	L
Writing in EEPROM	DVI-I DIGITAL	–	–	H	–	H	–	L	H
	DVI-I ANALOG	–	–	H	–	L	–	L	H
	DVI-D	–	–	H	H	–	H	H	H
	DSUB	–	–	H	H	–	L	H	H

When writing EDID of DVI-D, the data input from the D-SUB should be entered. For both INPUT1 and INPUT2, the DDC-CI commands for writing should be as shown below.

- 1) Enter the Factory mode.
- 2) Send a cancel command of WRITE PROTECT. (6E-51-85-C8-03-7E-00-01-CHK)
- 3) Send a DIGITAL Select command. (6E-51-85-C8-02-36-00-01-CHK)
- 4) Write the EDID data of DIGITAL.
- 5) Send an ANALOG Select command. (6E-51-85-C8-02-36-00-00-CHK)
- 6) Write the EDID data of ANALOG.
- 7) Turn off the power supply.

2.8 POWER SW Circuit

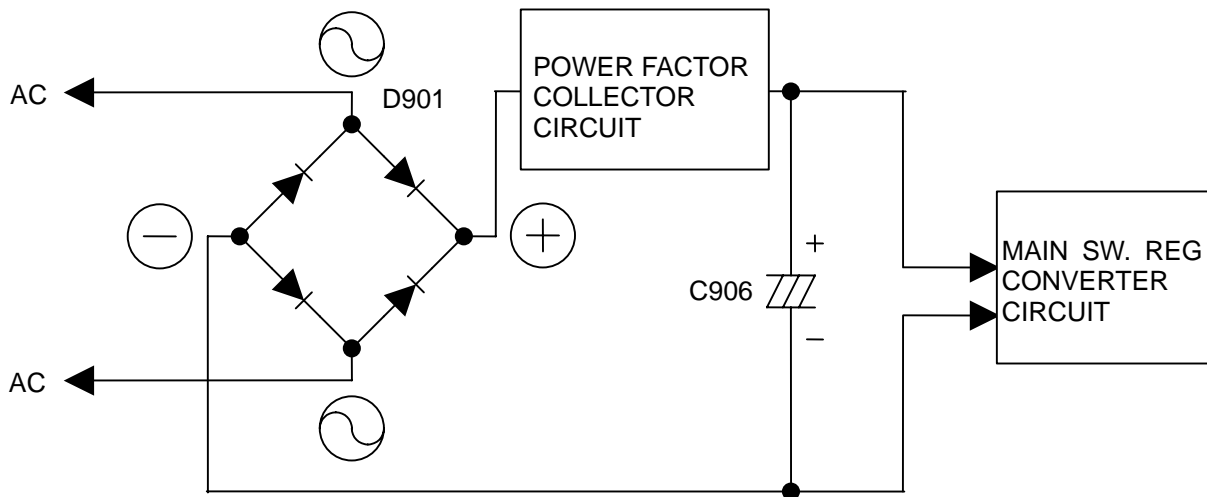
When the front POWER SW is pressed in the state that the vacation SW is turned ON and the LED is unlit, the POW_SW line is turned to the GND level and Q151 is turned on to supply a power of 5Vdc. The power circuit of 5Vdc is connected to the ON/OFF terminal of IC221. When IC221 is started, the power is fed to the MPU. The POW_SW line is connected also to the base of Q156, and therefore both Q156 and Q157 are turned on. The Q157 collector output circuit of "SWI" is connected to the MPU. When "SWI: L" is detected after the MPU has canceled the reset state, the condition of the front POWER SW pressed ON is identified.

If the front POWER SW is pressed ON in the state that the LED is lighting, Q156 and Q157 are turned on in the same manner as described above. When Q157 is turned on, SWI is turned to the L level. When the MPU identifies the condition of "SWI: L → H" in the state of normal operation, image blanking, panel power supply OFF, and other processes are carried out. Since then, the output port signal of "SWO" is set at the H level. When "SWO" attains the H level, Q154 is turned on and Q153 is turned off. Therefore, Q151 is turned off to stop the operation of this unit.

2.9 SWITCHING REGULATOR CIRCUIT

2.9.1 Rectifying Circuit

AC input is rectified by D901 and supplied to the power factor collector circuit.



(Fig. 2.9.1) Rectifying Circuit

2.9.2 MAIN Power Supply ON/OFF Circuit

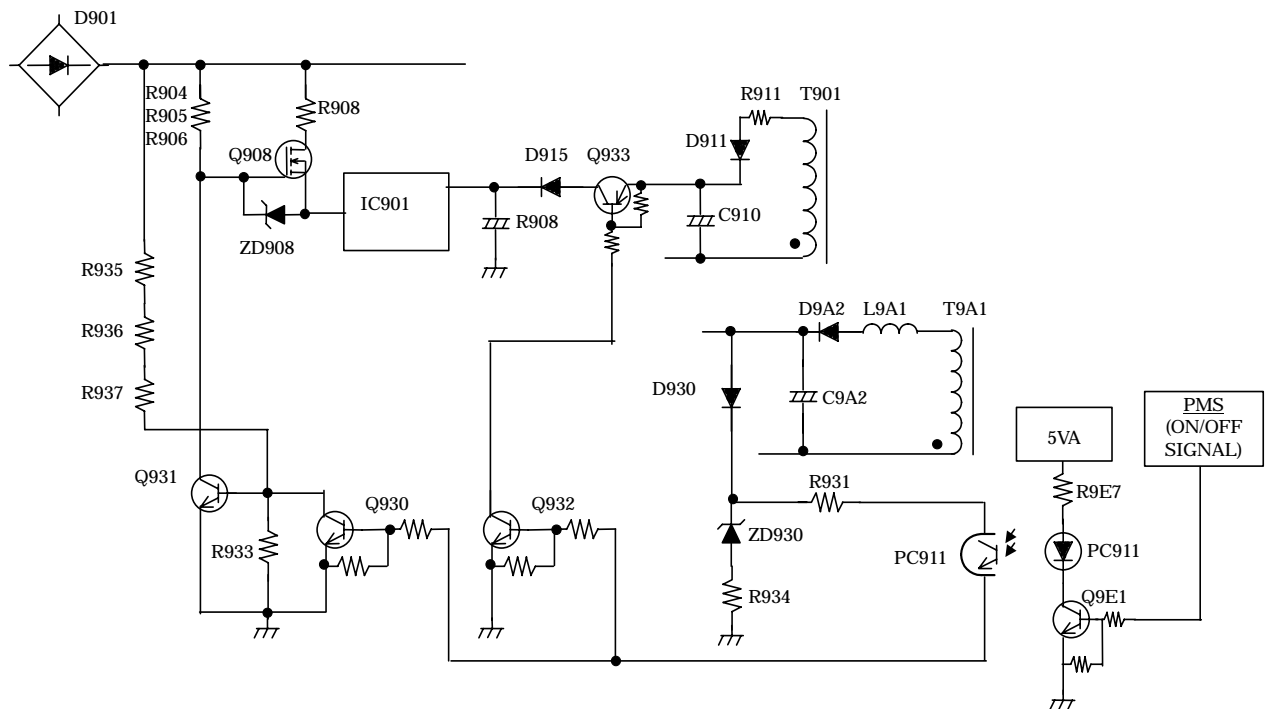
When the power switch (SW901) is turned on, at fast, the SUB SW.REG converter circuit starts oscillation. And the voltage of secondary output (5VA) is raised to 5V.

The Micro-computer on MAIN PWB starts operating, and SW.REG PWB is received "PMS" signal (approx 3V). Q9E1 turned on, and the signal is transmitted to the primary side through PC911.

On the primary side, Q930 is turned on, Q932 is turn on, and Q931 is turned off.

Therefore, Q933, Q908 is turned on, and the MAIN Power Supply and Power Factor Collector (PFC) circuits begin operating. The voltage of secondary outputs 18VC are raised.

When the PMS (power save) MODE, "PMS" signal drops to low. Opposite operation is done, and The Voltage of secondary outputs 18VC are stopped.



(Fig. 2.9.2) MAIN Power Supply ON/OFF Circuit

2.9.3 Auxiliary Power Supply Circuit

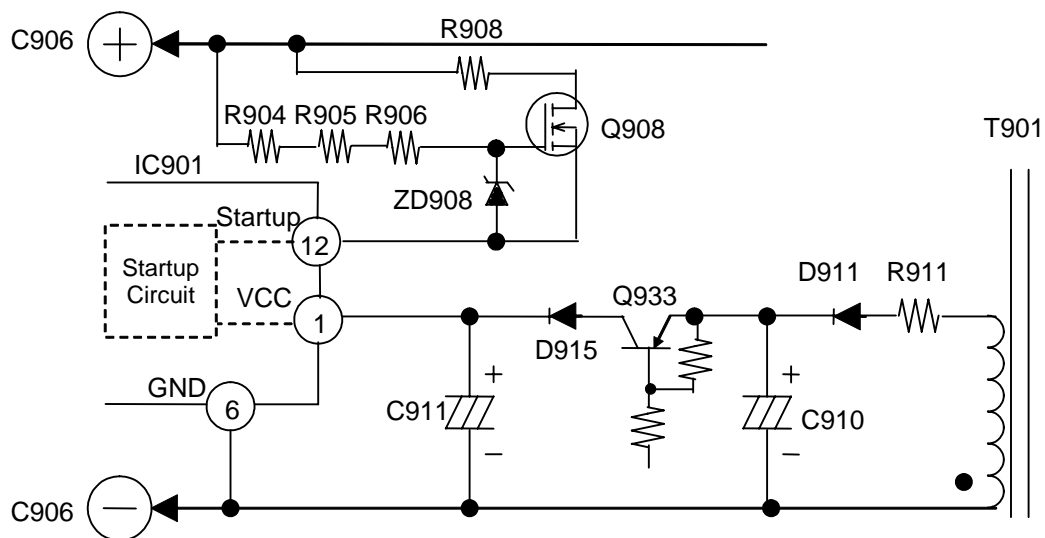
The auxiliary power supply circuit is needed to activate IC901.

When SW.REG PWB receives "PMS" signal, Q933 and Q908 is turned off with the above-mentioned ON/OFF circuits. The charging current flows into the capacitor C911 through IC901 pin12, IC901 pin1.

Oscillation starts when the voltage of IC901 pin1 reaches 17.5V by this charging operation.

After the start of oscillation, the fly-back voltage of auxiliary winding of T901 is rectified and smoothed by D911 and C910.

The resulting DC voltage is supplied to IC901 1pin.

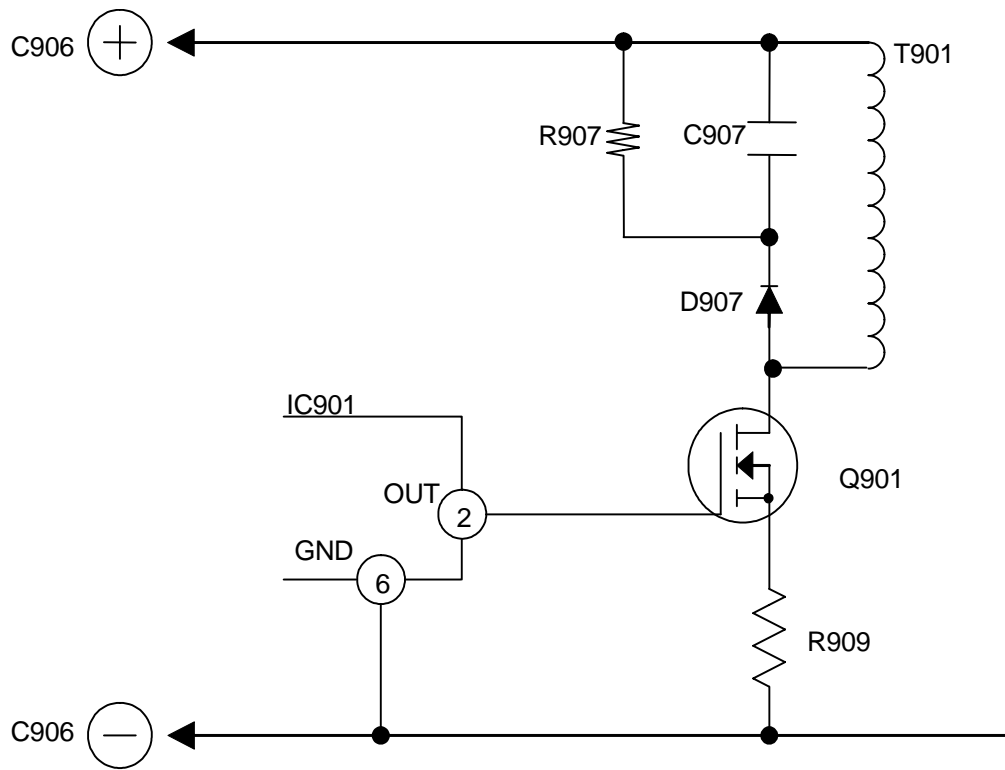


(Fig.2.9.3) Auxiliary Power Supply Circuit

2.9.4 MAIN SW.REG Converter Circuit

The converter circuit consists of the primary winding of T901, a switching device Q901 and surge absorber (C907,R907 and D907) which are connected to the primary winding of T901.

The oscillating signal from IC901 pin2 is applied to the gate of Q901 so that the drain - source is turned ON and OFF. In result, the oscillating voltage is applied to the primary winding of T901.



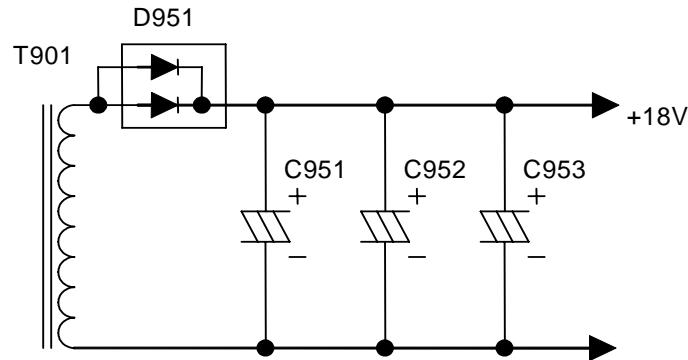
(Fig. 2.9.4) MAIN SW.REG Converter Circuit

2.9.5 Output Rectifying and Smoothing Circuit

The fly-back voltage which are generated at the secondary windings of T901 are rectified by D951.

Then, these voltage are smoothed by C951, C952 and C953 so that DC voltages are obtained.

The DC voltage is maintained constantly by controlling the ON period duty cycle of Q901 in the converter circuit.



(Fig. 2.9.5) Output Rectifying and Smoothing Circuit

2.9.6 Error Detection Amplifier Circuit and Control Circuit

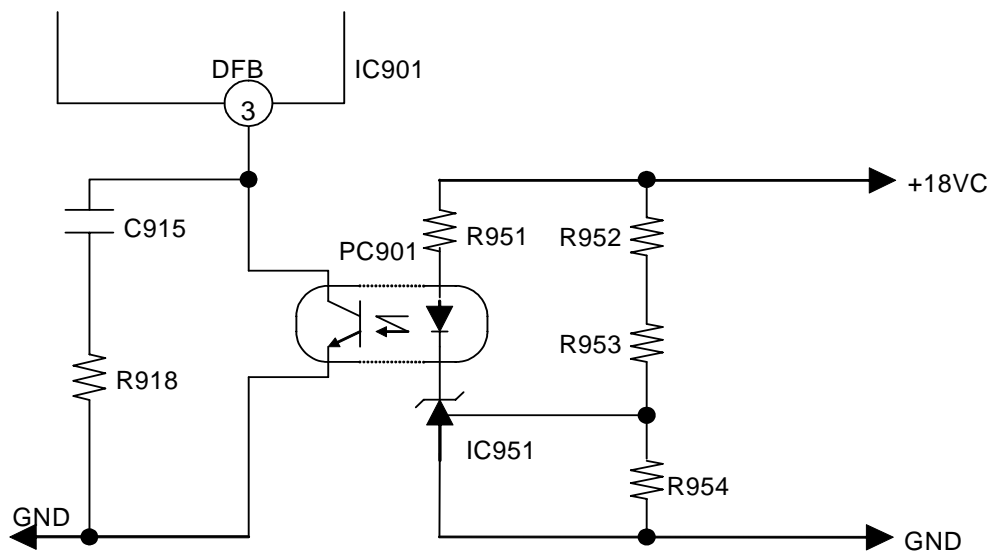
The output voltage +18VA is divided by the network resistors.

This divided voltage is compared with the reference voltage at the error amplifier IC951.

An error signal is applied to the control circuit via the photo coupler PC901.

The control circuits are contained in IC901.

The output of the error detection amplifier circuit is feed back to IC901 pin3 via PC901 to control the duty cycle of Q901. In result, the output voltage is kept constant.

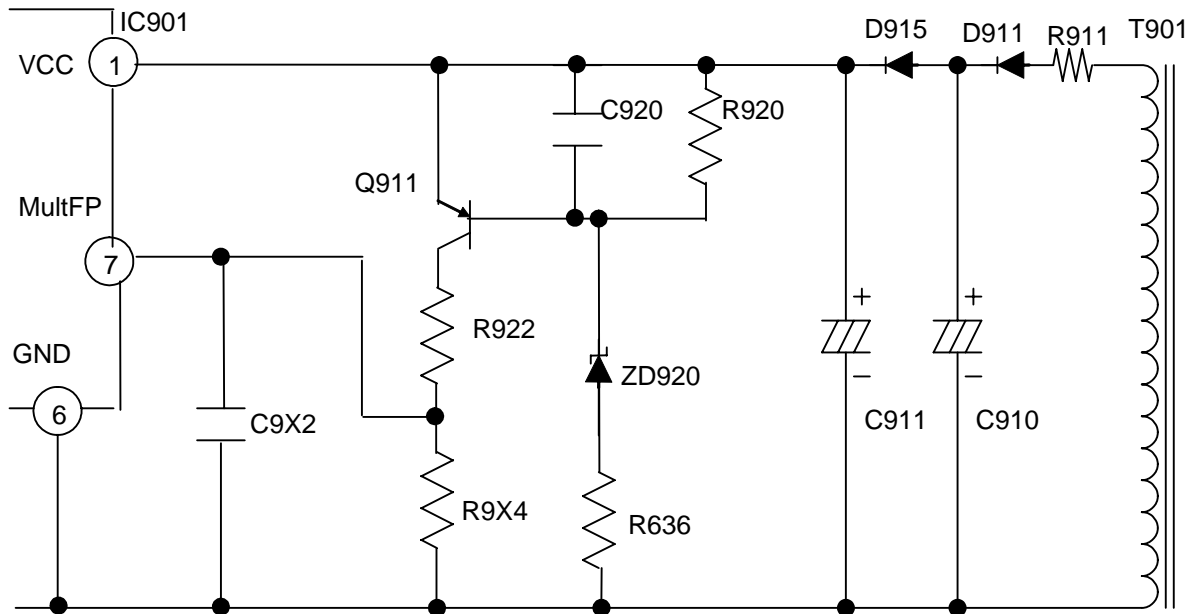


(Fig. 2.9.6) Error Detection Amplifier Circuit and Control Circuit

2.9.7 Over Voltage Protection

If some failure occurs and the output voltage of the secondary windings of T901 increase, the voltage of the auxiliary winding of T901 also will increase proportionally. The protection circuit built into IC901 operates when the voltage of 1pin of IC901 rises to about 28V, and Q911 is turned on.

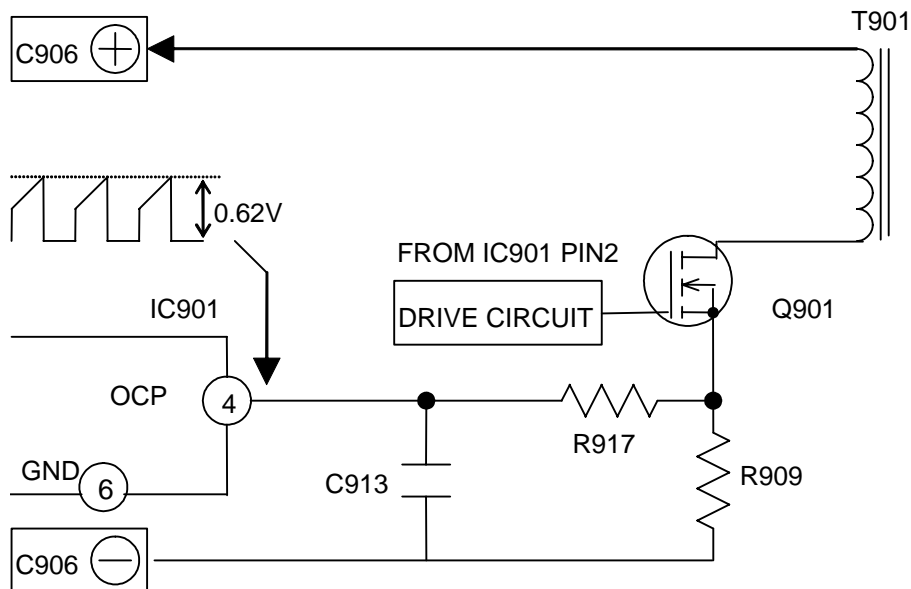
Then the voltage of IC901 pin7 reaches over 8.8V and the oscillation is stopped.



(Fig. 2.9.7) Over Voltage Protection

2.9.8 Over Current Protection

If some failure occurs and the total power of secondary outputs increase, the peak voltage of 4pin of IC901 increases proportionally. And when the peak voltage of 4pin reaches 0.62V, IC901 decreases the period duty cycle of Q901, and limits the transmission of the electric power. IC901 stops oscillating.



(Fig. 2.9.8) Over Current Protection

2.9.9 Power Factor Collector (PFC) Circuit

Oscillation starts when the voltage of IC901 pin1 reaches 17.5V by this charging operation.

After the start of oscillation, the pulse voltage of auxiliary winding of L9X1 is rectified and smoothed by D9X2, C925, R928 and R926. The resulting DC voltage is supplied to IC901 pin8.

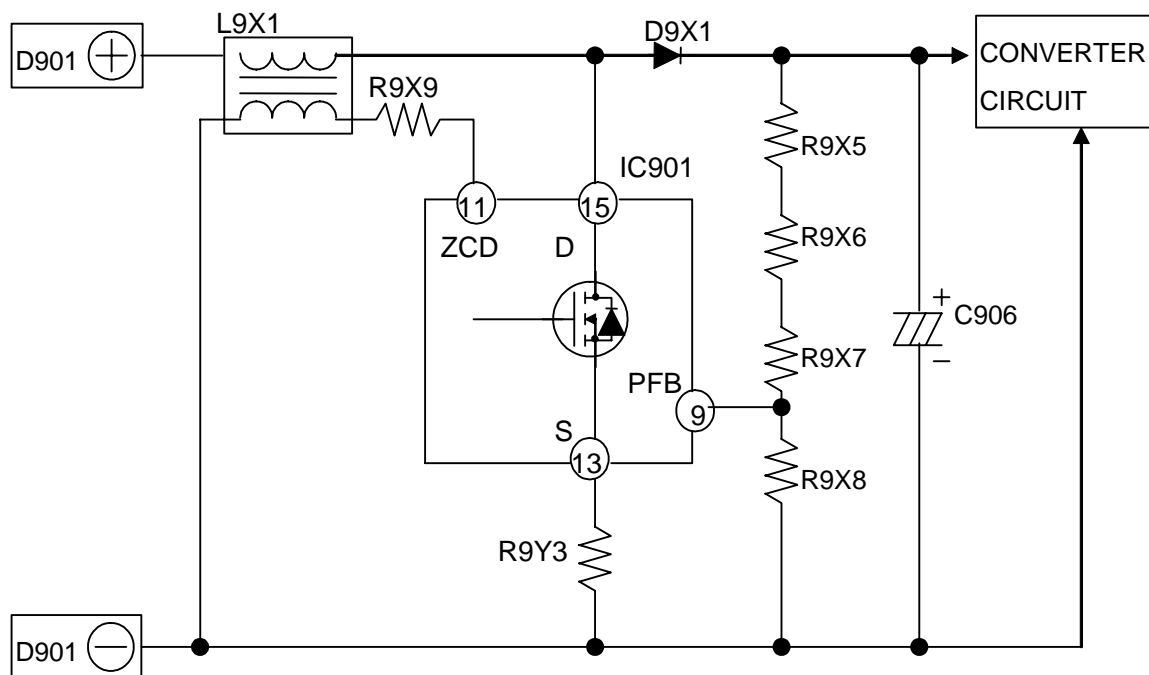
The PFC converter circuit consists of the main winding of L9X1 and a switching device in IC901. The switching device in IC901 begin to turn ON and OFF.

In result, the pulse voltage is applied to the main winding of L9X1.

The pulse voltage generated at the main winding of L9X1 rectified by D9X1. Then, this voltage are smoothed by C906 so that DC voltage are obtained. The DC voltage are maintained constantly by controlling the ON period duty cycle of IC901 in the PFC converter circuit.

The DC voltage is divided by the resistors R9X5, R9X6, R9X7 and R9X8.

This divided voltage is compared with the reference voltage at the error amplifier in IC901.



(Fig.2.9.9) Power Factor Collector (PFC) Circuit

2.9.10 SUB Switching Regulator Circuit

After the AC power switch (SW901) is turned on, the charging current flows into the capacitor C905 through terminal “C”(control) from “D”(drain) of IC9A1. MOS FET is built in by IC9A1.

Oscillation starts when the voltage of C9A4 reaches 5.9V by this charging operation.

After the start of oscillation, the voltage of secondary output is raised. At the same time, the fly-back voltage of auxiliary winding of T9A1 is rectified and smoothed by D9A2 and C9A2.

The resulting DC voltage is supplied to PC9A1.

SUB switching regulator have the error detection amplifier circuit.

The output of the error detection amplifier circuit is feed back to IC9A1 terminal “C” via PC9A1 to control the duty cycle of built-in switching devices. In result, the output voltage is kept constant.

Intermittent oscillates at a light load, and the oscillation period shortens.

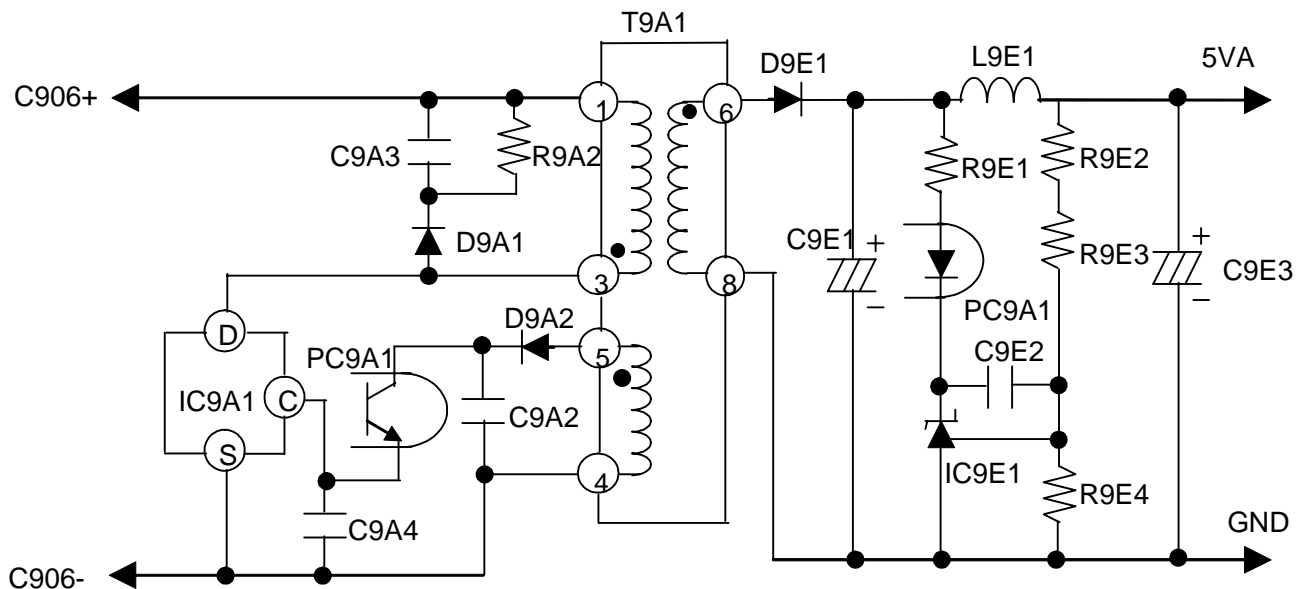
The period which oscillates by the load heavy becomes long.

The drain current is regulated by peak current control.

The drain electric current is detected the “Vds” turn ON pulse by pulse.

It is detected by the resistance of “Ron” of MOS FET.

When a Vds exceeds regulation value, it stops until the next oscillation period.



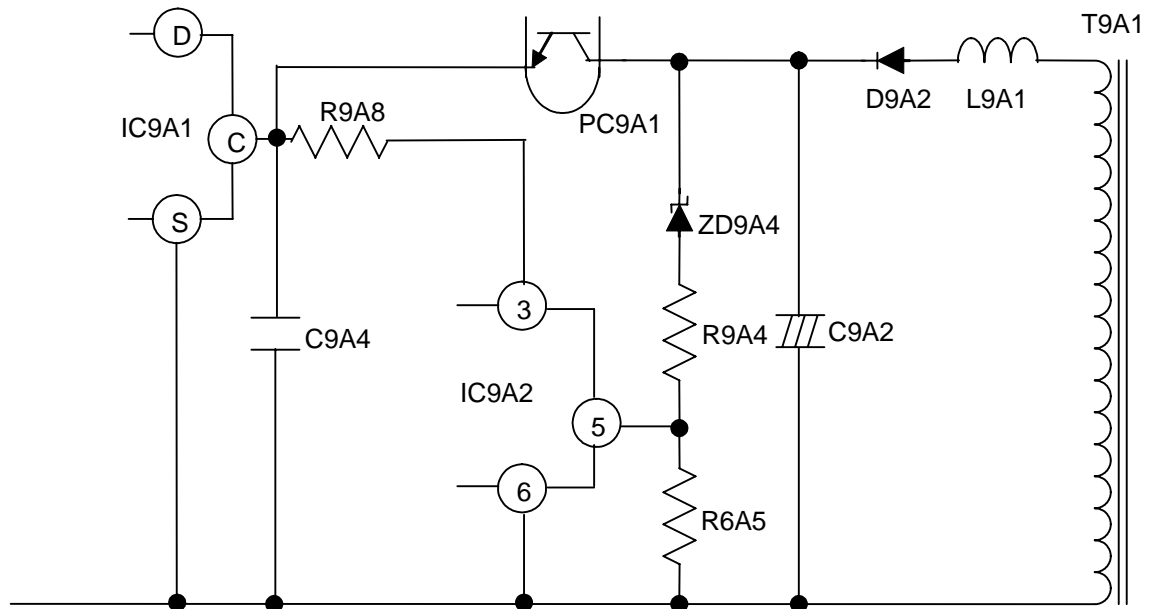
(Fig.2.9.10) SUB Switching Regulator Circuit

2.9.11 Over Voltage Protection (SUB Switching Regulator)

If some failure occurs and the output voltage of the secondary windings of T9A1 increase, the voltage of the auxiliary winding of T9A1 also will increase proportionally. When the voltage of C9A2 increases beyond the zener voltage of ZD9A4, terminal "3" to "6" of IC9A2 is short and latch.

As a result, the voltage of "C" terminal of IC9A1 decreases, and the oscillation is stopped.

This operation is maintained until the AC cable is pulled out or the power switch (SW901) is turned off.



(Fig. 2.9.11) Over Voltage Protection (SUB Switching Regulator)

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Parts Compatibility List

Manufactured by NMV	Manufactured by NPG		Description	Compatibility
Part No for NMV	Part No for NPG	Part No for NMV		
3A773094	EHA10701	79PQ6124	IC SMD M30625MGN-A26GP	No
Other Electric Parts				Yes
8BEV1M01	AM0EV1ML	79PQ6103	MAIN INSERT ASSY	No
8BEV1P01	AP0EV1ML	79PQ6104	POWER INSERT ASSY	Yes
7A930026	JM100131	79PQ6286	INVERTER UNIT L202EV	Yes
3A684034	JG502011	3A684034	LCD LM201U03 LGPHILIPS	Yes
25327291	10104361	79PQ6074	BEZEL,L202EV(WH,N)	Yes
25327491	10104371	79PQ6075	BEZEL,L202EV(BK,N)	Yes
25327301	10104391	79PQ6062	BACK ASSY,L202EV(WH,N)	No
25327501	10104401	79PQ6063	BACK ASSY,L202EV(BK,N)	No
25261611	11002191	79PQ6077	STAND UNIT,L202EV(WH)	Yes
25261651	11002201	79PQ6078	STAND UNIT,L202EV(BK)	Yes
25435661	11002211	79PQ6079	STAND COVER TB,L202EV(WH)	Yes
25435791	11002221	79PQ6080	STAND COVER TB,L202EV(BK)	Yes
25435671	11002231	79PQ6081	COVER CABLE,L202EV(WH)	Yes
25435801	11002241	79PQ6082	COVER CABLE,L202EV(BK)	Yes
25551431	12301201	---	SHEILD B,L202EV	Yes
25551401	12301211	79PQ6065	BRACKET BASE ASSY,L202EV	No
25841191	13202961	79PQ6066	CARTON BOX,L202EV(WHA)	No
25841231	13202971	79PQ6067	CARTON BOX,L202EV(BKA)	No
25841241	13202981	79PQ6068	CARTON BOX,L202EV(B)	No
25841311	13203011	79PQ6084	CARTON SHEET,L202EV	No
25841201	13401261	79PQ6085	FILLER T,L202EV	Yes
25841211	13401271	79PQ6086	FILLER B,L202EV	Yes
25841501	13401281	79PQ6087	FILLER C,L202EV	Yes
---	13700251	79PQ5129	PE BAG	No
25841511	13700521	79PQ6089	PACKING BAG(BK)	Yes
25841511	13700531	79PQ6052	PROTECTION SHEET	Yes
25794903	15002611	79PQ6071	RATING LABEL,L202EV(WH)	No
25794913	15002621	79PQ6418	RATING LABEL,L202EV(BK)	No
---	15201611	79EN0733	LABEL TYPE R	No
25793801	15202111	79PQ6764	LABEL(ANBIX+)	Yes
7A861541	15800231	79PQ5232	CAUTION SHEET	Yes
7A861751	15800551	79PQ6095	SHEET SETUP,L202EV(A)	Yes
7A861761	15800561	79PQ6096	SHEET SETUP,L202EV(B)	Yes
---	19700392	79PQ6100	CD PIVOT,NEC(A,B)	No
7A392036	JM100111	79PQ6284	CABLE BUTTON WHT	Yes
7A392037	JM100121	79PQ6285	CABLE BUTTON BLK	Yes
---	15501832	79PQ6091	MANUAL,L202EV(A)	No
---	15501841	79PQ6092	MANUAL,L202EV(B)	No
7A391014	RE010201	79PQ6290	CABLE VIDEO DVID-DVID 2.0M HG	Yes
7A391010	RE010211	79PQ6291	CABLE VIDEO DVID-DSUB 2.0M HG	Yes
7A391005	RE010221	79PQ6292	CABLE VIDEO DVID-DVID 2.0M BLK	Yes
7A391011	RE010231	79PQ6293	CABLE VIDEO DVID-DSUB 2.0M BLK	Yes
7A081006	RG021071	79PQ6295	PW CORD NA 2.0M HG I-SHEN	No
7A081007	RG021081	79PQ6296	PW CORD NA 2.0M BLK I-SHENG	No
7A082004	RG031091	79PQ6298	PW CORD EU 1.95M HG I-SHENG	No
7A082005	RG031081	79PQ6297	PW CORD EU 1.95M BLK I-SHENG	No
7A860142	15700171	79PQ2605	WARRANTY CARD	Yes

Detail of accessory

A version

Manufactured by NMV	Manufactured by NPG		Description	Compatibility
Part No for NMV	Part No for NPG	Part No for NMV		
NMV Nagasaki: With PIVOT/LVIEW				
7A813152	---	---	MANUAL,L202EV(A)	No
	15900251	79PQ2790	NAVISET FLYER	No
	---	---	TCO99 FLYER	No
	---	---	LVIEW SHEET	No
	13700251	79PQ5129	PE BAG	No
7A960491	---	---	CD PIVOT,NEC(A,B)	No
NPG: With out PIVOT/VIEW				
---	15501832	79PQ6091	MANUAL,L202EV(A)	No
	15900251	79PQ2790	NAVISET FLYER	No
	13700251	79PQ5129	PE BAG	No
---	19700392	79PQ6100	CD PIVOT,NEC(A,B)	No

B version

Manufactured by NMV	Manufactured by NPG		Description	Compatibility
Part No for NMV	Part No for NPG	Part No for NMV		
NMV Nagasaki: With PIVOT/LVIEW				
7A813163	15501841	79PQ6092	MANUAL,L202EV(B)	No
	15900251	79PQ2790	NAVISET FLYER	No
	---	---	TCO99 FLYER	No
	15900056	79PQ5832	SALES OFFICE LIST	No
	---	---	LVIEW SHEET	No
	13700251	79PQ5129	PE BAG	No
7A960491	---	---	CD PIVOT,NEC(A,B)	No
NPG: With out PIVOT/VIEW				
---	15501841	79PQ6092	MANUAL,L202EV(B)	No
	15900251	79PQ2790	NAVISET FLYER	No
	15900056	79PQ5832	SALES OFFICE LIST	No
	13700251	79PQ5129	PE BAG	No
---	19700392	79PQ6100	CD PIVOT,NEC(A,B)	No

REPLACEMENT PARTS LIST

The components specified for Model LCD2080UX(A)

Manufactured by NMV

SYMBOL	PART NO	DESCRIPTION
*** ICS ***		
IC201	3A7KB073	IC SMD BA00BCOWFP
IC221	3A7KB045	IC SMD PQ1CZ21H2ZP
IC222	3A7KB073	IC SMD BA00BCOWFP
IC251	3A7KB070	IC SMD L4978 REGULATOR
IC271	3A7KB073	IC SMD BA00BCOWFP
IC272	3A7KB073	IC SMD BA00BCOWFP
IC2A1	3A7KB045	IC SMD PQ1CZ21H2ZP
IC401	3A775023	IC SMD PW164B
IC402	3A752045	IC SMD LHF28F800-L202EV
IC403	3A7EF036	IC SMD ICS332M-L202EV
IC405	3A7EF003	MOS SN74AHC2G125H
IC4A1	3A774007	IC SMD UPD65545-Y-6C
IC4A2	3A7EA002	IC NC7WZ14
IC4A3	3A7EA002	IC NC7WZ14
IC551	3A7EJ034	IC DS90C385MTDX
IC552	3A7EJ034	IC DS90C385MTDX
IC801	3A7KB030	IC SMD M51957AFP
IC802	3A7KB030	IC SMD M51957AFP
IC803	3A7EB005	MOS CAT24WC64JI-TE13
IC804	3A753017	IC M30625FGNGP L202EV F
IC8A1	3A7EB016	MOS BU9882F-E2
IC8A2	3A7EJ022	IC X9116WM8-2.7T4 MOS
IC8A3	3A7EJ022	IC X9116WM8-2.7T4 MOS
IC8A4	3A7EF037	IC SMD SN74CBT1G125DCK
IC8A5	3A7EF037	IC SMD SN74CBT1G125DCK
IC8F1	3A7EB016	MOS BU9882F-E2
IC901	3A709036	IC STR-E1717
IC951	3A7K9039	IC UPC1093J-T
IC9A1	3A709009	IC MIP2E2
IC9A2	3A709038	IC XN04A88
IC9E1	3A7K9039	IC UPC1093J-T
ICA01	3A754002	IC SMD AD9888KS-170
ICA70A	3A7KA024	IC SMD AD8002AR
ICAA1	3A7EA002	IC NC7WZ14
ICAA2	3A7EA002	IC NC7WZ14
ICAA3	3A7EF033	IC SMD SN74CBTLV1G125DCK
ICAA4	3A7EF033	IC SMD SN74CBTLV1G125DCK
ICAA5	3A7KJ035	IC SMD UPC1093T-E2
ICAA6	3A7EF030	IC SN74CBTLV3125PW
ICK01	3A775006	MOS TFP401
ICK02	3A775006	MOS TFP401

SYMBOL	PART NO	DESCRIPTION
*** TRANSISTORS ***		
Q101	3AEF0038	TR SMD DTC143ZKA-T146
Q102	3AEA0026	TR 2SA812-T1BM6
Q104	3AEF0038	TR SMD DTC143ZKA-T146
Q105	3AEA0026	TR 2SA812-T1BM6
Q151	3AEE0038	FET SMD 2SJ356-T1 P
Q152	3AEA0027	TR 2SA1037AK-T146 Q
Q153	3AEC0025	TR SMD 2412K R
Q154	3AEF0035	TR DTC144EKA-T146(0)
Q155	3AEF0035	TR DTC144EKA-T146(0)
Q156	3AEF0037	TR SMD DTA144EKA
Q157	3AEF0035	TR DTC144EKA-T146(0)
Q261	3AEF0035	TR DTC144EKA-T146(0)
Q262	3AEE0039	FET SMD 2SJ325-Z E2 P
Q265	3AEE0034	FET 2SK3018-T106
Q271	3AEF0035	TR DTC144EKA-T146(0)
Q272	3AEF0035	TR DTC144EKA-T146(0)
Q451	3AEA0026	TR 2SA812-T1BM6
Q452	3AEF0035	TR DTC144EKA-T146(0)
Q453	3AEF0035	TR DTC144EKA-T146(0)
Q805	3AEF0035	TR DTC144EKA-T146(0)
Q806	3AEC0053	TR SMD 2SC3734
Q807	3AEC0053	TR SMD 2SC3734
Q861	3AEE0034	FET 2SK3018-T106
Q863	3AEE0034	FET 2SK3018-T106
Q8A3	3AEF0035	TR DTC144EKA-T146(0)
Q8E1	3AEF0035	TR DTC144EKA-T146(0)
Q8E5	3AEF0035	TR DTC144EKA-T146(0)
Q8E6	3AEF0035	TR DTC144EKA-T146(0)
Q901	3A550043	FET 2SK3673-01MR
Q908	3AEE0044	FET 2SK2715 P
Q911	3AEA0027	TR 2SA1037AK-T146 Q
Q912	3AEC0025	TR SMD 2412K R
Q913	3AEC0025	TR SMD 2412K R
Q930	3AEF0035	TR DTC144EKA-T146(0)
Q931	3A5C0054	TR 2SC5562
Q932	3AEF0035	TR DTC144EKA-T146(0)
Q933	3AEF0040	TR SMD DTB114EK
Q9E1	3AEF0035	TR DTC144EKA-T146(0)
QA70A	3AEF0035	TR DTC144EKA-T146(0)
QA70B	3AEC0052	TR SMD 2SC3356(M)
QA70G	3AEC0052	TR SMD 2SC3356(M)
QA70R	3AEC0052	TR SMD 2SC3356(M)
QA71A	3AEE0038	FET SMD 2SJ356-T1 P
QA71B	3AEF0037	TR SMD DTA144EKA
QA71G	3AEF0037	TR SMD DTA144EKA
QA71R	3AEF0037	TR SMD DTA144EKA

SYMBOL	PART NO	DESCRIPTION
QA72A	3AEF0037	TR SMD DTA144EKA
QA72B	3AEF0037	TR SMD DTA144EKA
QA72G	3AEF0037	TR SMD DTA144EKA
QA72R	3AEF0037	TR SMD DTA144EKA
QA73B	3AEF0037	TR SMD DTA144EKA
QA73G	3AEF0037	TR SMD DTA144EKA
QA73R	3AEF0037	TR SMD DTA144EKA
QA80B	3AEC0052	TR SMD 2SC3356(M)
QA80G	3AEC0052	TR SMD 2SC3356(M)
QA80R	3AEC0052	TR SMD 2SC3356(M)
QA81B	3AEF0037	TR SMD DTA144EKA
QA81G	3AEF0037	TR SMD DTA144EKA
QA81R	3AEF0037	TR SMD DTA144EKA
QA82B	3AEF0037	TR SMD DTA144EKA
QA82G	3AEF0037	TR SMD DTA144EKA
QA82R	3AEF0037	TR SMD DTA144EKA
QA83B	3AEF0037	TR SMD DTA144EKA
QA83G	3AEF0037	TR SMD DTA144EKA
QA83R	3AEF0037	TR SMD DTA144EKA
QAA1	3AEF0035	TR DTC144EKA-T146(0)
QAH1	3AEA0028	TR SMD 2SA1434-TB
QAH2	3AEA0028	TR SMD 2SA1434-TB
QAM1	3AEC0053	TR SMD 2SC3734
QAM2	3AEC0053	TR SMD 2SC3734
QAN1	3AEA0028	TR SMD 2SA1434-TB
QAN2	3AEA0028	TR SMD 2SA1434-TB
QKF1	3AEA0027	TR 2SA1037AK-T146 Q

*** DIODES ***

D151	3AFK1009	DI SMD 1SS355 TE-17
D152	3AFA0029	DI RB715F-T106
D221	3AFK9002	DI SFPB-64
D222	3AFK1009	DI SMD 1SS355 TE-17
D271	3AFK1009	DI SMD 1SS355 TE-17
D272	3AFK1009	DI SMD 1SS355 TE-17
D273	3AFK1009	DI SMD 1SS355 TE-17
D274	3AFA0112	DI SMD RB495D
D275	3AFA0112	DI SMD RB495D
D2A1	3AFK9002	DI SFPB-64
D2M1	3AFK9002	DI SFPB-64
D901	3A609011	DI D3SBA60
D902	3A6A0075	DI RM10A
D907	3A6A0120	DI EG01CV1-T
D911	3A6C0022	DI SMD 1SR156-400
D912	3AFK1006	DI MA2Z001
D913	3AFK9010	DI DG1M3
D914	3AFK9010	DI DG1M3
D915	3AFK1006	DI MA2Z001

SYMBOL	PART NO	DESCRIPTION
D930	3AFK1009	DI SMD 1SS355 TE-17
D951	3A610091	DI FMX-22S
D9A1	3A6A0120	DI EG01CV1-T
D9A2	3AFK1006	DI MA2Z001
D9E1	3A609003	DI RK39(LF-C1)
D9X1	3A610069	DI FMG-G26S
D9X2	3AFC0001	DI SFPL-52
DA01	3AFK1008	DI SMD DAN217 T146
DA02	3AFK1008	DI SMD DAN217 T146
DA03	3AFK1008	DI SMD DAN217 T146
DA04	3AFK1009	DI SMD 1SS355 TE-17
DA11	3AFK1008	DI SMD DAN217 T146
DA12	3AFK1008	DI SMD DAN217 T146
DA13	3AFK1008	DI SMD DAN217 T146
DA70A	3A6K1005	DI 1SS356
DA71B	3A6K1005	DI 1SS356
DA71G	3A6K1005	DI 1SS356
DA71R	3A6K1005	DI 1SS356
DA72B	3A6K1005	DI 1SS356
DA72G	3A6K1005	DI 1SS356
DA72R	3A6K1005	DI 1SS356
DA73B	3A6K1005	DI 1SS356
DA73G	3A6K1005	DI 1SS356
DA73R	3A6K1005	DI 1SS356
DA80A	3A6K1005	DI 1SS356
DA81B	3A6K1005	DI 1SS356
DA81G	3A6K1005	DI 1SS356
DA81R	3A6K1005	DI 1SS356
DA82B	3A6K1005	DI 1SS356
DA82G	3A6K1005	DI 1SS356
DA82R	3A6K1005	DI 1SS356
DA83B	3A6K1005	DI 1SS356
DA83G	3A6K1005	DI 1SS356
DA83R	3A6K1005	DI 1SS356
ZD8G2	3AFK5505	DI STZ6.2N
ZD908	3AFK5741	ZD SMD UDZS 7.5B TE-17
ZD910	3AFK6102	ZD SMD UDZS27B
ZD917	3AFK6101	ZD SMD UDZS18B
ZD918	3AFK5742	ZD SMD UDZS 5.1B TE-17
ZD919	3AFK6100	ZD SMD UDZS4.7B
ZD920	3AFK6102	ZD SMD UDZS27B
ZD930	3AFK5741	ZD SMD UDZS 7.5B TE-17
ZD9A4	3AFK6101	ZD SMD UDZS18B
ZDA01	3AFK5506	DI NNCD6.2MG
ZDA11	3AFK5506	DI NNCD6.2MG

*** TRANSFORMERS ***

T901	4A530011	TRANS SWITH ST-1102A
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SYMBOL	PART NO	DESCRIPTION
T9A1	4A530007	SWTCHING TRANS L2.3MH

*** RELAYS & SWITCHES ***

SW901	6A530001	SWITCH,SEESAW SDDJE12400
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*** PWB ASSYS ***

X01	8BEV1M01	ASSY-PWB-MAIN
X02	8BEV1P01	ASSY-PWB-POWER
X7A01	7A930026	SKD LCD2080UX INVERTER

*** COILS & FILTERS ***

FL203	6AAK2004	FILTER,NOISE
FL2M1	6AAK2004	FILTER,NOISE
FL901	6A101870	L FILTER LFZ28H05
IN901	4A660003	LINE FILTER 03ME3G
L115	6AAK2070	L BEAD SMD BK1608LM252
L116	6AAK2070	L BEAD SMD BK1608LM252
L117	6AAK2070	L BEAD SMD BK1608LM252
L118	6AAK2070	L BEAD SMD BK1608LM252
L119	6AAK2070	L BEAD SMD BK1608LM252
L120	6AAK2070	L BEAD SMD BK1608LM252
L121	6AAK2070	L BEAD SMD BK1608LM252
L122	6AAK2070	L BEAD SMD BK1608LM252
L123	6AAK2070	L BEAD SMD BK1608LM252
L125	6AAK2070	L BEAD SMD BK1608LM252
L221	6AAK2005	CHIP COIL FBMH3216HM501NT
L222	6AAK2005	CHIP COIL FBMH3216HM501NT
L223	6AAK2107	SLF10145T-101M1R0
L261	6AAK2005	CHIP COIL FBMH3216HM501NT
L262	6AAK2311	COIL BEAD FBMH4525HM102NT
L263	6AAK2005	CHIP COIL FBMH3216HM501NT
L271	6AAK2005	CHIP COIL FBMH3216HM501NT
L272	6AAK2005	CHIP COIL FBMH3216HM501NT
L2A1	6AAK2107	SLF10145T-101M1R0
L2A2	6AAK2005	CHIP COIL FBMH3216HM501NT
L2M1	6A1K1867	L NOISE FILTER SMD 100UH
L405	6AAK2005	CHIP COIL FBMH3216HM501NT
L406	6AAK2005	CHIP COIL FBMH3216HM501NT
L451	6AAK2070	L BEAD SMD BK1608LM252
L452	6AAK2010	FERRITE,CHIP BK1608HS800-
L453	6AAK2010	FERRITE,CHIP BK1608HS800-
L454	6AAK2070	L BEAD SMD BK1608LM252
L459	6AAK2070	L BEAD SMD BK1608LM252
L4A1	6AAK2070	L BEAD SMD BK1608LM252
L4A2	6AAK2005	CHIP COIL FBMH3216HM501NT
L4A3	6AAK2005	CHIP COIL FBMH3216HM501NT
L4A4	6AAK2369	L BEAD SMD BKP1608HS330
L4A5	6AAK2369	L BEAD SMD BKP1608HS330

SYMBOL	PART NO	DESCRIPTION
L551	6AAK2080	L BEAD SMD BK1608HS601
L552	6AAK2080	L BEAD SMD BK1608HS601
L553	6AAK2080	L BEAD SMD BK1608HS601
L561	6AAK2080	L BEAD SMD BK1608HS601
L562	6AAK2080	L BEAD SMD BK1608HS601
L563	6AAK2080	L BEAD SMD BK1608HS601
L951	6A101868	L SBC7-100-532
L9A1	6AAK2162	LEMC3225T101K
L9E1	6A1K2124	L CHOKE 10UH 3.7A TSL1112
L9X1	6A101869	L PFC COIL 77A-2702
L9X2	6A109001	L CHOKE 72UH 2A
LAA3	6AAK2369	L BEAD SMD BKP1608HS330
LAA4	6AAK2369	L BEAD SMD BKP1608HS330
LAA5	6AAK2369	L BEAD SMD BKP1608HS330
LAA6	6AAK2369	L BEAD SMD BKP1608HS330
LAA7	6AAK2369	L BEAD SMD BKP1608HS330
LAH1	6AAK2369	L BEAD SMD BKP1608HS330
LAH2	6AAK2369	L BEAD SMD BKP1608HS330
LAN1	6AAK2369	L BEAD SMD BKP1608HS330
LAN2	6AAK2369	L BEAD SMD BKP1608HS330
X801	6AAF0004	CERALOCK CSTCR7M37G53-R0

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

CNA01	7A057042	CN CA-29DVI2SIR-X-X
CNA02	7A057043	CN DV11201-P8(BLUE)
CNA03	7A057041	CN CA-24DVI2SDR-X-X
F901	6A600255	FUSE SG5013 250V 3.15A
OSC4A1	6ADE0004	CRYSTAL SG-8002JF PCC 55M
PC901	3A820003	IC PC123Y22 PHOTO
PC911	3A820003	IC PC123Y22 PHOTO
PC9A1	3A820003	IC PC123Y22 PHOTO
TH901	3A810010	NTCR 10D2-10LC
VD901	3A0K0009	VARISTOR ENE471D-10A
X3A01	3A684034	LCD LM201U03 LGPHILIPS
X402	6A410026	OSC XTAL SMD HC-49U03C
XD7A01	7A392036	CABLE BUTTON WHT
XD7A02	7A391014	CABLE DVI HG 2.0M
XD7A03	7A391010	DVI_A-VGA CABLE 2.0M HG
XD7A04	7A081006	POWER CORD U3 L2.0 HG
XD7A09	7A960491	CD PIVOT LVIEW,NEC(A,B)

*** APPEARANCE PARTS ***

X5501	25551401	BRACKET BASE ASSY,L202EV
XD2601	25261611	STAND UNIT,L202EV-W
XD3201	25327291	BEZEL,L202EV-WH(AB)-N
XD3202	25327301	BACK ASSY,L202EV-WH(AB)-N
XD4301	25435661	STAND COVER TB,L202EV-W
XD4302	25435671	COVER CABLE,L202EV-W

SYMBOL	PART NO	DESCRIPTION
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*** PRINTED & PACKING MATERIALS ***

X7901	25792531	LABEL,PIVOT
X7902	25793801	LABEL(AMBIX+)
X8401	25841201	FILLER T,L202EV
X8402	25841211	FILLER B,L202EV
X8403	25841501	FILLER C,L202EV
X8404	25841511	PROTECTION SHEET
XD7901	25794902	RATING LABEL,L202EV-WH-AB
XD7902	25795302	LABEL BARCODE,L202EV-WA
XD7903	25795352	LABEL REV,L202EV-WA
XD7A05	7A813151	ACCESSORY LCD2080UX(A)
XD7A06	7A861751	SHEET SETUP,L202EV(A)
XD8401	25841191	CARTON BOX,L202EV-WH(A)-N
XD8402	25841481	PACKING BAG
XD8403	25841311	CARTON SHEET,L202EV

*** RESISTORS ***

J921	4AAA1065	R SMD METAL 1/8W 0 OHM
J923	4AAA1065	R SMD METAL 1/8W 0 OHM
J924	4AAA1065	R SMD METAL 1/8W 0 OHM
J925	4AAA1065	R SMD METAL 1/8W 0 OHM
J926	4AAA1065	R SMD METAL 1/8W 0 OHM
J927	4AAA1065	R SMD METAL 1/8W 0 OHM
J928	4AAA1065	R SMD METAL 1/8W 0 OHM
J929	4AAA1065	R SMD METAL 1/8W 0 OHM
J930	4AKE1081	R SMD METAL 1/4W 0OHM
J940	4AAA1065	R SMD METAL 1/8W 0 OHM
J961	4AAA1065	R SMD METAL 1/8W 0 OHM
J962	4AAA1065	R SMD METAL 1/8W 0 OHM
MR401	4ACF1282	R SMD NET 1/16W 150 J
MR402	4ACF1282	R SMD NET 1/16W 150 J
MR403	4ACF1282	R SMD NET 1/16W 150 J
MR404	4ACF1282	R SMD NET 1/16W 150 J
MR405	4ACF1282	R SMD NET 1/16W 150 J
MR406	4ACF1282	R SMD NET 1/16W 150 J
MR407	4ACF1282	R SMD NET 1/16W 150 J
MR408	4ACF1282	R SMD NET 1/16W 150 J
MR409	4ACF1282	R SMD NET 1/16W 150 J
MR410	4ACF1282	R SMD NET 1/16W 150 J
MR411	4ACF1282	R SMD NET 1/16W 150 J
MR412	4ACF1282	R SMD NET 1/16W 150 J
MR4G1	4ACF1202	R SMD NET 1/16W 33 J
MR4G3	4ACF1202	R SMD NET 1/16W 33 J
MR4G5	4ACF1202	R SMD NET 1/16W 33 J
MR4G7	4ACF1202	R SMD NET 1/16W 33 J
MR4G9	4ACF1202	R SMD NET 1/16W 33 J
MR4H1	4ACF1202	R SMD NET 1/16W 33 J

SYMBOL	PART NO	DESCRIPTION
MRA01	4ACF1203	R SMD NET 1/16W 100 J
MRA03	4ACF1203	R SMD NET 1/16W 100 J
MRA05	4ACF1203	R SMD NET 1/16W 100 J
MRA07	4ACF1203	R SMD NET 1/16W 100 J
MRA09	4ACF1203	R SMD NET 1/16W 100 J
MRA11	4ACF1203	R SMD NET 1/16W 100 J
MRK01	4ACF1202	R SMD NET 1/16W 33 J
MRK03	4ACF1202	R SMD NET 1/16W 33 J
MRK05	4ACF1202	R SMD NET 1/16W 33 J
MRK07	4ACF1202	R SMD NET 1/16W 33 J
MRK09	4ACF1202	R SMD NET 1/16W 33 J
MRK11	4ACF1202	R SMD NET 1/16W 33 J
MRK13	4ACF1202	R SMD NET 1/16W 33 J
MRK15	4ACF1202	R SMD NET 1/16W 33 J
MRK17	4ACF1202	R SMD NET 1/16W 33 J
MRK19	4ACF1202	R SMD NET 1/16W 33 J
MRK21	4ACF1202	R SMD NET 1/16W 33 J
MRK23	4ACF1202	R SMD NET 1/16W 33 J
R101	4AAA3489	R,METAL 4.7KH 5% 1/16W
R102	4AAA3489	R,METAL 4.7KH 5% 1/16W
R103	4ABE2031	R SMD METAL 1/16W 180 F
R105	4AAA3489	R,METAL 4.7KH 5% 1/16W
R106	4AAA3489	R,METAL 4.7KH 5% 1/16W
R107	4ABE2031	R SMD METAL 1/16W 180 F
R117	4AKB1028	R SMD METAL 1/10W 1K J
R118	4AKB1028	R SMD METAL 1/10W 1K J
R119	4AKB1028	R SMD METAL 1/10W 1K J
R120	4AKB1028	R SMD METAL 1/10W 1K J
R121	4AKB1028	R SMD METAL 1/10W 1K J
R122	4AKB1028	R SMD METAL 1/10W 1K J
R123	4AKB1028	R SMD METAL 1/10W 1K J
R125	4AKB1028	R SMD METAL 1/10W 1K J
R151	4ABE2053	R SMD METAL 1/16W 1.5K F
R152	4AAA3483	R,METAL 2.7KH 5% 1/16W
R153	4AAA3497	R,METAL 10KH 5% 1/16W
R154	4AAA3483	R,METAL 2.7KH 5% 1/16W
R155	4AAA3443	R,METAL 56H 5% 1/16W
R156	4AAA3543	R,METAL 820KH 5% 1/16W
R157	4AAA3497	R,METAL 10KH 5% 1/16W
R158	4AAA3515	R,METAL 56KH 5% 1/16W
R159	4AAA3497	R,METAL 10KH 5% 1/16W
R15A	4AAA3497	R,METAL 10KH 5% 1/16W
R15E	4AAA3497	R,METAL 10KH 5% 1/16W
R15F	4AAA3473	R,METAL 1.0KH 5% 1/16W
R15L	4AAA3473	R,METAL 1.0KH 5% 1/16W
R201	4AAA3473	R,METAL 1.0KH 5% 1/16W
R202	4ABE2091	R SMD METAL 1/16W 56K F
R203	4ABE2085	R SMD METAL 1/16W 33K F

SYMBOL	PART NO	DESCRIPTION
R221	4ABE2055	R SMD METAL 1/16W 1.8K F
R222	4ABE2083	R SMD METAL 1/16W 27K F
R223	4ABE2051	R SMD METAL 1/16W 1.2K F
R224	4ABE2084	R SMD METAL 1/16W 30K F
R225	4AAA3473	R,METAL 1.0KH 5% 1/16W
R226	4AAA3473	R,METAL 1.0KH 5% 1/16W
R261	4AAA3509	R,METAL 33KH 5% 1/16W
R262	4AAA3509	R,METAL 33KH 5% 1/16W
R266	4ABE2105	R SMD METAL 1/16W 150K F
R267	4ABE2085	R SMD METAL 1/16W 33K F
R268	4ACF1070	R SMD TFC 1/2W 680 J
R269	4ACF1070	R SMD TFC 1/2W 680 J
R26A	4AAA3473	R,METAL 1.0KH 5% 1/16W
R271	4AAA3481	R,METAL 2.2KH 5% 1/16W
R272	4AAA3491	R,METAL 5.6KH 5% 1/16W
R273	4ABE2091	R SMD METAL 1/16W 56K F
R274	4ABE2085	R SMD METAL 1/16W 33K F
R274A	4ABE2057	R SMD METAL 1/16W 2.2K F
R275	4AAA3485	R,METAL 3.3KH 5% 1/16W
R276	4ABE2085	R SMD METAL 1/16W 33K F
R277	4ABE2085	R SMD METAL 1/16W 33K F
R277A	4ABE2051	R SMD METAL 1/16W 1.2K F
R278	4AAA3497	R,METAL 10KH 5% 1/16W
R2A1	4AAA3443	R,METAL 56H 5% 1/16W
R2A2	4AAA3443	R,METAL 56H 5% 1/16W
R2A3	4ABE2039	R SMD METAL 1/16W 390 F
R2A4	4ABE2049	R SMD METAL 1/16W 1K F
R2A5	4ABE2071	R SMD METAL 1/16W 8.2K F
R2A7	4AAA3473	R,METAL 1.0KH 5% 1/16W
R2M1	4ABE2065	R SMD METAL 1/16W 4.7K F
R2M2	4ABE2081	R SMD METAL 1/16W 22K F
R2M3	4ABE2051	R SMD METAL 1/16W 1.2K F
R2M4	4ABE2065	R SMD METAL 1/16W 4.7K F
R2M5	4ABE2023	R SMD METAL 1/16W 82 F
R402	4ABE2020	R SMD METAL 1/16W 62 F
R403	4AAA3400	R,METAL 0.0H 5% 1/16W
R405	4AAA3400	R,METAL 0.0H 5% 1/16W
R409	4AAA3473	R,METAL 1.0KH 5% 1/16W
R412	4AAA3443	R,METAL 56H 5% 1/16W
R415	4AAA3473	R,METAL 1.0KH 5% 1/16W
R416	4AAA3513	R,METAL 47KH 5% 1/16W
R418	4AAA3400	R,METAL 0.0H 5% 1/16W
R422	4AAA3400	R,METAL 0.0H 5% 1/16W
R429	4AAA3449	R,METAL 100H 5% 1/16W
R430	4AAA3449	R,METAL 100H 5% 1/16W
R433	4AAA3443	R,METAL 56H 5% 1/16W
R435	4AAA3443	R,METAL 56H 5% 1/16W
R449	4AAA3481	R,METAL 2.2KH 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
R451	4AAA3485	R,METAL 3.3KH 5% 1/16W
R452	4AAA3485	R,METAL 3.3KH 5% 1/16W
R453	4AAA3497	R,METAL 10KH 5% 1/16W
R454	4AAA3513	R,METAL 47KH 5% 1/16W
R455	4AAA3473	R,METAL 1.0KH 5% 1/16W
R456	4AAA3449	R,METAL 100H 5% 1/16W
R457	4AAA3473	R,METAL 1.0KH 5% 1/16W
R458	4AAA3513	R,METAL 47KH 5% 1/16W
R459	4AAA3513	R,METAL 47KH 5% 1/16W
R45E	4AAA3497	R,METAL 10KH 5% 1/16W
R45K	4AAA3497	R,METAL 10KH 5% 1/16W
R45P	4AAA3449	R,METAL 100H 5% 1/16W
R45T	4AAA3449	R,METAL 100H 5% 1/16W
R463	4AAA3497	R,METAL 10KH 5% 1/16W
R464	4AAA3497	R,METAL 10KH 5% 1/16W
R465	4AAA3449	R,METAL 100H 5% 1/16W
R466	4AAA3449	R,METAL 100H 5% 1/16W
R467	4AAA3449	R,METAL 100H 5% 1/16W
R468	4AAA3449	R,METAL 100H 5% 1/16W
R470	4AAA3473	R,METAL 1.0KH 5% 1/16W
R4A2	4AAA3443	R,METAL 56H 5% 1/16W
R4A3	4AAA3437	R,METAL 33H 5% 1/16W
R4A4	4AAA3437	R,METAL 33H 5% 1/16W
R4A5	4AAA3437	R,METAL 33H 5% 1/16W
R4A6	4AAA3437	R,METAL 33H 5% 1/16W
R4A7	4AAA3437	R,METAL 33H 5% 1/16W
R4A8	4AAA3437	R,METAL 33H 5% 1/16W
R4A9	4AAA3437	R,METAL 33H 5% 1/16W
R4AK	4AAA3437	R,METAL 33H 5% 1/16W
R4AL	4AAA3437	R,METAL 33H 5% 1/16W
R4AM	4AAA3437	R,METAL 33H 5% 1/16W
R4AN	4AAA3437	R,METAL 33H 5% 1/16W
R4AP	4AAA3437	R,METAL 33H 5% 1/16W
R4AT	4AAA3437	R,METAL 33H 5% 1/16W
R4E0	4AAA3437	R,METAL 33H 5% 1/16W
R4E1	4AAA3437	R,METAL 33H 5% 1/16W
R4E2	4AAA3437	R,METAL 33H 5% 1/16W
R4E3	4AAA3437	R,METAL 33H 5% 1/16W
R4E4	4AAA3437	R,METAL 33H 5% 1/16W
R4E5	4AAA3449	R,METAL 100H 5% 1/16W
R4E6	4AAA3449	R,METAL 100H 5% 1/16W
R4E7	4AAA3449	R,METAL 100H 5% 1/16W
R4E8	4AAA3449	R,METAL 100H 5% 1/16W
R4E9	4AAA3449	R,METAL 100H 5% 1/16W
R4EA	4AAA3497	R,METAL 10KH 5% 1/16W
R550	4AAA3090	R,CHIP 1/8W 5.1K 5%
R801	4AAA3505	R,METAL 22KH 5% 1/16W
R802	4AAA3497	R,METAL 10KH 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
R803	4ABE2083	R SMD METAL 1/16W 27K F
R805	4ABE2082	R SMD METAL 1/16W 24K F
R806	4AAA3513	R,METAL 47KH 5% 1/16W
R807	4AAA3497	R,METAL 10KH 5% 1/16W
R808	4AAA3497	R,METAL 10KH 5% 1/16W
R809	4AAA3497	R,METAL 10KH 5% 1/16W
R811	4AAA3449	R,METAL 100H 5% 1/16W
R812	4AAA3449	R,METAL 100H 5% 1/16W
R813	4AAA3437	R,METAL 33H 5% 1/16W
R814	4AAA3437	R,METAL 33H 5% 1/16W
R815	4AAA3437	R,METAL 33H 5% 1/16W
R816	4AAA3437	R,METAL 33H 5% 1/16W
R818	4AAA3437	R,METAL 33H 5% 1/16W
R819	4AAA3437	R,METAL 33H 5% 1/16W
R820	4AAA3437	R,METAL 33H 5% 1/16W
R821	4AAA3449	R,METAL 100H 5% 1/16W
R822	4AAA3449	R,METAL 100H 5% 1/16W
R823	4AAA3449	R,METAL 100H 5% 1/16W
R826	4AAA3449	R,METAL 100H 5% 1/16W
R827	4AAA3449	R,METAL 100H 5% 1/16W
R828	4AAA3513	R,METAL 47KH 5% 1/16W
R829	4AAA3513	R,METAL 47KH 5% 1/16W
R830	4AAA3513	R,METAL 47KH 5% 1/16W
R831	4AAA3449	R,METAL 100H 5% 1/16W
R832	4AAA3449	R,METAL 100H 5% 1/16W
R833	4AAA3449	R,METAL 100H 5% 1/16W
R834	4AAA3513	R,METAL 47KH 5% 1/16W
R838	4AAA3437	R,METAL 33H 5% 1/16W
R839	4AAA3449	R,METAL 100H 5% 1/16W
R840	4AAA3449	R,METAL 100H 5% 1/16W
R841	4AAA3449	R,METAL 100H 5% 1/16W
R842	4AAA3513	R,METAL 47KH 5% 1/16W
R844	4AAA3513	R,METAL 47KH 5% 1/16W
R845	4AAA3513	R,METAL 47KH 5% 1/16W
R846	4AAA3505	R,METAL 22KH 5% 1/16W
R849	4ABE2079	R SMD METAL 1/16W 18K F
R850	4ABE2109	R SMD METAL 1/16W 220K F
R883	4AAA3505	R,METAL 22KH 5% 1/16W
R885	4AAA3505	R,METAL 22KH 5% 1/16W
R886	4AAA3505	R,METAL 22KH 5% 1/16W
R887	4AAA3505	R,METAL 22KH 5% 1/16W
R889	4AAA3505	R,METAL 22KH 5% 1/16W
R890	4AAA3505	R,METAL 22KH 5% 1/16W
R891	4AAA3505	R,METAL 22KH 5% 1/16W
R8A2	4AKG1037	R,CHIP 33H 5% 1W
R8A4	4AAA3449	R,METAL 100H 5% 1/16W
R8A5	4AAA3449	R,METAL 100H 5% 1/16W
R8A6	4AAA3513	R,METAL 47KH 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
R8A7	4AAA3513	R,METAL 47KH 5% 1/16W
R8AA	4AAA3513	R,METAL 47KH 5% 1/16W
R8AE	4AAA3513	R,METAL 47KH 5% 1/16W
R8AL	4AAA3513	R,METAL 47KH 5% 1/16W
R8AX	4AAA3513	R,METAL 47KH 5% 1/16W
R8AY	4AAA3513	R,METAL 47KH 5% 1/16W
R8E1	4AAA3513	R,METAL 47KH 5% 1/16W
R8E7	4AAA3513	R,METAL 47KH 5% 1/16W
R8E8	4AAA3513	R,METAL 47KH 5% 1/16W
R8E9	4AAA3513	R,METAL 47KH 5% 1/16W
R8EA	4AAA3513	R,METAL 47KH 5% 1/16W
R8EF	4AAA3513	R,METAL 47KH 5% 1/16W
R8F2	4AKG1037	R,CHIP 33H 5% 1W
R8F3	4AAA3497	R,METAL 10KH 5% 1/16W
R8F4	4AAA3449	R,METAL 100H 5% 1/16W
R8F5	4AAA3449	R,METAL 100H 5% 1/16W
R8F6	4AAA3513	R,METAL 47KH 5% 1/16W
R8F7	4AAA3513	R,METAL 47KH 5% 1/16W
R8FX	4AAA3513	R,METAL 47KH 5% 1/16W
R8FY	4AAA3513	R,METAL 47KH 5% 1/16W
R8G2	4AKG1037	R,CHIP 33H 5% 1W
R8G3	4AAA3497	R,METAL 10KH 5% 1/16W
R8G4	4AAA3449	R,METAL 100H 5% 1/16W
R8G5	4AAA3449	R,METAL 100H 5% 1/16W
R901	4AAA1060	R SMD METAL 1/8W 470K J
R902	4AAA1060	R SMD METAL 1/8W 470K J
R903	4AAA1060	R SMD METAL 1/8W 470K J
R904	4AAA1064	R SMD METAL 1/8W 1M J
R905	4AAA1064	R SMD METAL 1/8W 1M J
R906	4AAA1064	R SMD METAL 1/8W 1M J
R907	4A231049	R METAL 2W 100K J
R908	4AKE1032	R SMD METAL 1/4W 2.2K J
R909	4A231074	R METAL 2W 0.33 J
R910	4AKB1044	R SMD METAL 1/10W 22K J
R911	4AKB7002	R SMD METAL 1/10W 4.7 K
R912	4AAA2073	R SMD METAL 1/8W 10K F
R913	4AKB2126	R SMD METAL 1/10W 680 F
R914	4AKB1052	R SMD METAL 1/10W 100K J
R915	4A0E1089	R CARBON 1/4W 5.6 J
R916	4AKB1020	R SMD METAL 1/10W 220 J
R917	4AKB1024	R SMD METAL 1/10W 470 J
R918	4AKB1016	R SMD METAL 1/10W 100 J
R920	4AKB1040	R SMD METAL 1/10W 10K J
R921	4AKB1046	R SMD METAL 1/10W 33K J
R922	4AAA1046	R SMD METAL 1/8W 33K J
R923	4AKB1040	R SMD METAL 1/10W 10K J
R924	4AKB1040	R SMD METAL 1/10W 10K J
R925	4AKB1046	R SMD METAL 1/10W 33K J

SYMBOL	PART NO	DESCRIPTION
R926	4AKB2171	R SMD METAL 1/10W 9.1K F
R927	4AKB1052	R SMD METAL 1/10W 100K J
R928	4AKB2140	R SMD METAL 1/10W 10K F
R929	4AKB1040	R SMD METAL 1/10W 10K J
R931	4AKB1044	R SMD METAL 1/10W 22K J
R933	4AKB1052	R SMD METAL 1/10W 100K J
R934	4AKB1040	R SMD METAL 1/10W 10K J
R935	4AAA1064	R SMD METAL 1/8W 1M J
R936	4AAA1064	R SMD METAL 1/8W 1M J
R937	4AAA1064	R SMD METAL 1/8W 1M J
R951	4AKB1029	R SMD METAL 1/10W 1.2K J
R952	4AKB2176	R SMD METAL 1/10W 7.5K F
R953	4AKB2165	R SMD METAL 1/10W 6.2K F
R954	4AKB2132	R SMD METAL 1/10W 2.2K F
R955	4AKB1072	R SMD METAL 1/10W 0OHM
R956	4AKB1028	R SMD METAL 1/10W 1K J
R9A2	4A221045	R METAL 1W 47K J
R9A3	4AKB1009	R SMD METAL 1/10W 27 J
R9A4	4AAA1028	R SMD METAL 1/8W 1K J
R9A5	4AKB1035	R SMD METAL 1/10W 3.9K J
R9A6	4AKB1072	R SMD METAL 1/10W 0OHM
R9A7	4AKB1040	R SMD METAL 1/10W 10K J
R9A8	4AAA1016	R SMD METAL 1/8W 100 J
R9E1	4AKB1016	R SMD METAL 1/10W 100 J
R9E2	4AKB2128	R SMD METAL 1/10W 1K F
R9E3	4AKB1008	R SMD METAL 1/10W 22 J
R9E4	4AKB2128	R SMD METAL 1/10W 1K F
R9E6	4AKB1072	R SMD METAL 1/10W 0OHM
R9E7	4AKB1035	R SMD METAL 1/10W 3.9K J
R9X1	4AAA3153	R,CHIP 1/8W 2.2M 5%
R9X2	4AAA3153	R,CHIP 1/8W 2.2M 5%
R9X4	4AKB1046	R SMD METAL 1/10W 33K J
R9X5	4AAA3342	R,CHIP 1/8W 750K 1%
R9X6	4AAA3342	R,CHIP 1/8W 750K 1%
R9X7	4AAA3341	R,CHIP 1/8W 680K 1%
R9X8	4AKB2144	R SMD METAL 1/10W 22K F
R9X9	4AAA1044	R SMD METAL 1/8W 22K J
R9Y1	4AKB1028	R SMD METAL 1/10W 1K J
R9Y2	4AKB1016	R SMD METAL 1/10W 100 J
R9Y3	4A231074	R METAL 2W 0.33 J
RA03	4AAA3437	R,METAL 33H 5% 1/16W
RA04	4AAA3437	R,METAL 33H 5% 1/16W
RA05	4AAA3437	R,METAL 33H 5% 1/16W
RA06	4AAA3437	R,METAL 33H 5% 1/16W
RA07	4AAA3481	R,METAL 2.2KH 5% 1/16W
RA08	4AAA3481	R,METAL 2.2KH 5% 1/16W
RA11	4AAA3425	R,METAL 10H 5% 1/16W
RA12	4AAA3425	R,METAL 10H 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
RA19	4AAA3437	R,METAL 33H 5% 1/16W
RA20	4AAA3437	R,METAL 33H 5% 1/16W
RA21	4AAA3437	R,METAL 33H 5% 1/16W
RA22	4AAA3437	R,METAL 33H 5% 1/16W
RA23	4AAA3437	R,METAL 33H 5% 1/16W
RA24	4AAA3437	R,METAL 33H 5% 1/16W
RA27	4AAA3449	R,METAL 100H 5% 1/16W
RA28	4AAA3449	R,METAL 100H 5% 1/16W
RA29	4AAA3449	R,METAL 100H 5% 1/16W
RA30	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA34	4AAA3497	R,METAL 10KH 5% 1/16W
RA37	4AAA3437	R,METAL 33H 5% 1/16W
RA43	4AAA3497	R,METAL 10KH 5% 1/16W
RA44	4AAA3497	R,METAL 10KH 5% 1/16W
RA4A	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA4E	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA70A	4AAA3505	R,METAL 22KH 5% 1/16W
RA70B	4ABE2022	R SMD METAL 1/16W 75 F
RA70G	4ABE2022	R SMD METAL 1/16W 75 F
RA70R	4ABE2022	R SMD METAL 1/16W 75 F
RA71A	4AAA3449	R,METAL 100H 5% 1/16W
RA71B	4AAA3497	R,METAL 10KH 5% 1/16W
RA71G	4AAA3497	R,METAL 10KH 5% 1/16W
RA71R	4AAA3497	R,METAL 10KH 5% 1/16W
RA72A	4AAA3461	R,METAL 330H 5% 1/16W
RA72B	4AAA3501	R,METAL 15KH 5% 1/16W
RA72G	4AAA3501	R,METAL 15KH 5% 1/16W
RA72R	4AAA3501	R,METAL 15KH 5% 1/16W
RA73A	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA73B	4AAA3449	R,METAL 100H 5% 1/16W
RA73G	4AAA3449	R,METAL 100H 5% 1/16W
RA73R	4AAA3449	R,METAL 100H 5% 1/16W
RA74A	4ABE2033	R SMD METAL 1/16W 220 F
RA74B	4AAA3461	R,METAL 330H 5% 1/16W
RA74G	4AAA3461	R,METAL 330H 5% 1/16W
RA74R	4AAA3461	R,METAL 330H 5% 1/16W
RA75A	4ABE2042	R SMD METAL 1/16W 510 F
RA75B	4AAA3441	R,METAL 47H 5% 1/16W
RA75G	4AAA3441	R,METAL 47H 5% 1/16W
RA75R	4AAA3441	R,METAL 47H 5% 1/16W
RA76A	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA76B	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA76G	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA76R	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA77A	4AAA3471	R,METAL 820H 5% 1/16W
RA77B	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA77G	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA77R	4AAA3473	R,METAL 1.0KH 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
RA78A	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA78B	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA78G	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA78R	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA79A	4AAA3449	R,METAL 100H 5% 1/16W
RA79B	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA79G	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA79R	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA7AA	4AAA3449	R,METAL 100H 5% 1/16W
RA7AB	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA7AG	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA7AR	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA7EA	4AAA3485	R,METAL 3.3KH 5% 1/16W
RA7HB	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA7HG	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA7HR	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA7LA	4AAA3400	R,METAL 0.0H 5% 1/16W
RA80B	4ABE2022	R SMD METAL 1/16W 75 F
RA80G	4ABE2022	R SMD METAL 1/16W 75 F
RA80R	4ABE2022	R SMD METAL 1/16W 75 F
RA81B	4AAA3497	R,METAL 10KH 5% 1/16W
RA81G	4AAA3497	R,METAL 10KH 5% 1/16W
RA81R	4AAA3497	R,METAL 10KH 5% 1/16W
RA82A	4AAA3461	R,METAL 330H 5% 1/16W
RA82B	4AAA3501	R,METAL 15KH 5% 1/16W
RA82G	4AAA3501	R,METAL 15KH 5% 1/16W
RA82R	4AAA3501	R,METAL 15KH 5% 1/16W
RA83	4AAA3437	R,METAL 33H 5% 1/16W
RA83A	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA83B	4AAA3449	R,METAL 100H 5% 1/16W
RA83G	4AAA3449	R,METAL 100H 5% 1/16W
RA83R	4AAA3449	R,METAL 100H 5% 1/16W
RA84	4AAA3437	R,METAL 33H 5% 1/16W
RA84A	4ABE2033	R SMD METAL 1/16W 220 F
RA84B	4AAA3461	R,METAL 330H 5% 1/16W
RA84G	4AAA3461	R,METAL 330H 5% 1/16W
RA84R	4AAA3461	R,METAL 330H 5% 1/16W
RA85A	4ABE2042	R SMD METAL 1/16W 510 F
RA85B	4AAA3441	R,METAL 47H 5% 1/16W
RA85G	4AAA3441	R,METAL 47H 5% 1/16W
RA85R	4AAA3441	R,METAL 47H 5% 1/16W
RA86	4AAA3481	R,METAL 2.2KH 5% 1/16W
RA86A	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA86B	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA86G	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA86R	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA87	4AAA3481	R,METAL 2.2KH 5% 1/16W
RA87A	4AAA3471	R,METAL 820H 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
RA87B	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA87G	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA87R	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA88A	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA88B	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA88G	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA88R	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA89A	4AAA3449	R,METAL 100H 5% 1/16W
RA89B	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA89G	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA89R	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA8AA	4AAA3449	R,METAL 100H 5% 1/16W
RA8AB	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA8AG	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA8AR	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA8EA	4AAA3485	R,METAL 3.3KH 5% 1/16W
RA8HB	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA8HG	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA8HR	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA8KA	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA8LA	4AAA3400	R,METAL 0.0H 5% 1/16W
RAA3	4AAA3465	R,METAL 470H 5% 1/16W
RAA4	4AAA3481	R,METAL 2.2KH 5% 1/16W
RAA5	4AAA3493	R,METAL 6.8KH 5% 1/16W
RAA6	4AAA3505	R,METAL 22KH 5% 1/16W
RAE3	4AAA3431	R,METAL 18H 5% 1/16W
RAE4	4AAA3437	R,METAL 33H 5% 1/16W
RAE5	4AAA3437	R,METAL 33H 5% 1/16W
RAE6	4AAA3437	R,METAL 33H 5% 1/16W
RAFH	4AAA3425	R,METAL 10H 5% 1/16W
RAFK	4AAA3425	R,METAL 10H 5% 1/16W
RAH1	4AAA3527	R,METAL 180KH 5% 1/16W
RAH2	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAH3	4AAA3453	R,METAL 150H 5% 1/16W
RAH3	4ABE2029	R SMD METAL 1/16W 150 F
RAH5	4AAA3527	R,METAL 180KH 5% 1/16W
RAH6	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAH7	4AAA3453	R,METAL 150H 5% 1/16W
RAH7	4ABE2029	R SMD METAL 1/16W 150 F
RAM1	4AAA3497	R,METAL 10KH 5% 1/16W
RAM2	4AAA3497	R,METAL 10KH 5% 1/16W
RAM3	4AAA3503	R,METAL 18KH 5% 1/16W
RAM4	4AAA3503	R,METAL 18KH 5% 1/16W
RAM5	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAM6	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAM7	4AAA3483	R,METAL 2.7KH 5% 1/16W
RAM8	4AAA3483	R,METAL 2.7KH 5% 1/16W
RAN1	4AAA3441	R,METAL 47H 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
RAN2	4AAA3441	R,METAL 47H 5% 1/16W
RAN3	4AAA3517	R,METAL 68KH 5% 1/16W
RAN4	4AAA3517	R,METAL 68KH 5% 1/16W
RAN5	4AAA3527	R,METAL 180KH 5% 1/16W
RAN6	4AAA3527	R,METAL 180KH 5% 1/16W
RAN7	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAN8	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAN9	4AAA3449	R,METAL 100H 5% 1/16W
RANA	4AAA3449	R,METAL 100H 5% 1/16W
RK01	4AAA3463	R,METAL 390H 5% 1/16W
RK07	4AAA3443	R,METAL 56H 5% 1/16W
RK08	4AAA3437	R,METAL 33H 5% 1/16W
RK09	4AAA3513	R,METAL 47KH 5% 1/16W
RK0A	4AAA3513	R,METAL 47KH 5% 1/16W
RK10	4AAA3513	R,METAL 47KH 5% 1/16W
RK11	4AAA3400	R,METAL 0.0H 5% 1/16W
RK16	4AAA3463	R,METAL 390H 5% 1/16W
RK22	4AAA3443	R,METAL 56H 5% 1/16W
RK23	4AAA3437	R,METAL 33H 5% 1/16W
RK24	4AAA3513	R,METAL 47KH 5% 1/16W
RK25	4AAA3513	R,METAL 47KH 5% 1/16W
RK26	4AAA3400	R,METAL 0.0H 5% 1/16W
RK2A	4AAA3513	R,METAL 47KH 5% 1/16W
RK2E	4AAA3513	R,METAL 47KH 5% 1/16W
RKAE	4AAA3513	R,METAL 47KH 5% 1/16W
RKF1	4ABE2042	R SMD METAL 1/16W 510 F
RKF2	4ABE2042	R SMD METAL 1/16W 510 F
RKF6	4ABE2059	R SMD METAL 1/16W 2.7K F
RKF7	4AAA3449	R,METAL 100H 5% 1/16W
RKF8	4AAA3513	R,METAL 47KH 5% 1/16W
RKF9	4AAA3449	R,METAL 100H 5% 1/16W

*** CAPACITORS ***

C151	5ADK1049	C SMD CER 2C 390P 50V J
C152	5ACK1002	C,CERAMIC 6.3V 1UF
C153	5AHK3546	CE734W1E4R7M-T(WT)
C154	5AFK0230	C SMD CER 1U 10V M
C15A	5AFK0216	C SMD CER 10U 6.3V M
C201	5AFK0261	C SMD CER 22UF 6.3V M
C221	5AHK5001	C SMD ELE105 100U 10V M
C222	5AFK0216	C SMD CER 10U 6.3V M
C223	5AHK2961	C 16V 330UF
C224	5AHK0711	C SMD ELE105 10U 16V M
C225	5ACK1363	C SMD CER F1 0.1U 25V Z
C226	5ACK1363	C SMD CER F1 0.1U 25V Z
C22E	5ACK1363	C SMD CER F1 0.1U 25V Z
C261	5ACK1363	C SMD CER F1 0.1U 25V Z
C263	5AHK0711	C SMD ELE105 10U 16V M

SYMBOL	PART NO	DESCRIPTION
C265	5ACK1363	C SMD CER F1 0.1U 25V Z
C26A	5ACK1363	C SMD CER F1 0.1U 25V Z
C271	5AFK0261	C SMD CER 22UF 6.3V M
C273	5ACK1363	C SMD CER F1 0.1U 25V Z
C274	5ACK1363	C SMD CER F1 0.1U 25V Z
C275	5ACK1363	C SMD CER F1 0.1U 25V Z
C276	5ACK1363	C SMD CER F1 0.1U 25V Z
C277	5AFK0216	C SMD CER 10U 6.3V M
C278	5AFK0216	C SMD CER 10U 6.3V M
C27E	5ACK1002	C,CERAMIC 6.3V 1UF
C281	5AFK0261	C SMD CER 22UF 6.3V M
C2A2	5ACK1363	C SMD CER F1 0.1U 25V Z
C2A3	5ACK1363	C SMD CER F1 0.1U 25V Z
C2A4	5AHK5021	C SMD ELE105 22U 25V M
C2A5	5AHK2961	C 16V 330UF
C2E1	5ACK1363	C SMD CER F1 0.1U 25V Z
C2M1	5AHK5024	C SMD ELE105 100U 25V M
C2M2	5ACK0106	C SMD BJ 0.047U 25V K
C2M3	5ACK1118	C SMD B1 2700P 50V K
C2M4	5ACK1363	C SMD CER F1 0.1U 25V Z
C2M5	5ACK1363	C SMD CER F1 0.1U 25V Z
C2M6	5AHK2969	CE04W1C681M-HTATS
C409	5AFK0216	C SMD CER 10U 6.3V M
C410	5ACK1363	C SMD CER F1 0.1U 25V Z
C411	5ACK1363	C SMD CER F1 0.1U 25V Z
C412	5ACK1363	C SMD CER F1 0.1U 25V Z
C413	5ACK1363	C SMD CER F1 0.1U 25V Z
C414	5ACK1363	C SMD CER F1 0.1U 25V Z
C415	5ACK1363	C SMD CER F1 0.1U 25V Z
C416	5ACK1363	C SMD CER F1 0.1U 25V Z
C417	5ACK1363	C SMD CER F1 0.1U 25V Z
C418	5ACK1363	C SMD CER F1 0.1U 25V Z
C419	5ACK1363	C SMD CER F1 0.1U 25V Z
C420	5ACK1363	C SMD CER F1 0.1U 25V Z
C421	5ACK1363	C SMD CER F1 0.1U 25V Z
C422	5ACK1363	C SMD CER F1 0.1U 25V Z
C423	5ACK1363	C SMD CER F1 0.1U 25V Z
C424	5ACK1363	C SMD CER F1 0.1U 25V Z
C425	5AFK0216	C SMD CER 10U 6.3V M
C426	5ACK1363	C SMD CER F1 0.1U 25V Z
C427	5ACK1363	C SMD CER F1 0.1U 25V Z
C428	5ACK1363	C SMD CER F1 0.1U 25V Z
C429	5ACK1363	C SMD CER F1 0.1U 25V Z
C430	5ACK1363	C SMD CER F1 0.1U 25V Z
C431	5ACK1363	C SMD CER F1 0.1U 25V Z
C432	5ACK1363	C SMD CER F1 0.1U 25V Z
C433	5ACK1363	C SMD CER F1 0.1U 25V Z
C434	5ACK1363	C SMD CER F1 0.1U 25V Z

SYMBOL	PART NO	DESCRIPTION
C443	5AFK0216	C SMD CER 10U 6.3V M
C444	5AFK0216	C SMD CER 10U 6.3V M
C451	5ACK1363	C SMD CER F1 0.1U 25V Z
C452	5AFK0216	C SMD CER 10U 6.3V M
C454	5ADK1007	C SMD CER 2C 10P 50V D
C455	5ADK1007	C SMD CER 2C 10P 50V D
C458	5ACK1363	C SMD CER F1 0.1U 25V Z
C459	5ACK1363	C SMD CER F1 0.1U 25V Z
C45F	5ACK1363	C SMD CER F1 0.1U 25V Z
C4A2	5AHK0711	C SMD ELE105 10U 16V M
C4A4	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E0	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E1	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E2	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E3	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E4	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E5	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E6	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E7	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E8	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E9	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F0	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F1	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F2	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F3	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F4	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F5	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F6	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F7	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F8	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F9	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FA	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FE	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FF	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FH	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FJ	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FK	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FL	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FM	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FMZ	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FN	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FP	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FQ	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FR	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FS	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FT	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FW	5AHK0711	C SMD ELE105 10U 16V M
C4FY	5ACK1363	C SMD CER F1 0.1U 25V Z

SYMBOL	PART NO	DESCRIPTION
C551	5ACK1363	C SMD CER F1 0.1U 25V Z
C552	5ACK1363	C SMD CER F1 0.1U 25V Z
C553	5ACK1363	C SMD CER F1 0.1U 25V Z
C554	5ACK1363	C SMD CER F1 0.1U 25V Z
C555	5ACK1363	C SMD CER F1 0.1U 25V Z
C556	5ACK1363	C SMD CER F1 0.1U 25V Z
C561	5ACK1363	C SMD CER F1 0.1U 25V Z
C562	5ACK1363	C SMD CER F1 0.1U 25V Z
C563	5ACK1363	C SMD CER F1 0.1U 25V Z
C564	5ACK1363	C SMD CER F1 0.1U 25V Z
C565	5ACK1363	C SMD CER F1 0.1U 25V Z
C566	5ACK1363	C SMD CER F1 0.1U 25V Z
C801	5ACK1363	C SMD CER F1 0.1U 25V Z
C802	5ACK1213	C SMD CER B1 0.1U 16V K
C805	5ACK1363	C SMD CER F1 0.1U 25V Z
C806	5ACK1363	C SMD CER F1 0.1U 25V Z
C807	5ACK1363	C SMD CER F1 0.1U 25V Z
C808	5ACK1363	C SMD CER F1 0.1U 25V Z
C809	5ACK1363	C SMD CER F1 0.1U 25V Z
C810	5ACK1363	C SMD CER F1 0.1U 25V Z
C811	5ACK1363	C SMD CER F1 0.1U 25V Z
C812	5ACK1363	C SMD CER F1 0.1U 25V Z
C813	5ACK1363	C SMD CER F1 0.1U 25V Z
C815	5ACK1363	C SMD CER F1 0.1U 25V Z
C818	5ACK1363	C SMD CER F1 0.1U 25V Z
C819	5ACK1363	C SMD CER F1 0.1U 25V Z
C820	5ACK1213	C SMD CER B1 0.1U 16V K
C821	5ACK1213	C SMD CER B1 0.1U 16V K
C8A1	5ACK1363	C SMD CER F1 0.1U 25V Z
C8A2	5ACK1363	C SMD CER F1 0.1U 25V Z
C8E1	5ACK1363	C SMD CER F1 0.1U 25V Z
C901	5A200105	C SAFE X 0.47U AC275V K
C902	5A200105	C SAFE X 0.47U AC275V K
C905	5A500983	C CER 400V 1000
C906	5A805119	C ELE105 120U 450V
C907	5A1BA501	C FILM MM 0.01U 400V
C910	5A9K0059	C ELE105 22U 50V M
C911	5A8K0042	C ELE105 100U 35V M
C912	5ACK0040	C SMD CER F1 0.1U 50V Z
C913	5ADK0172	C SMD CER 2C 1000P 50V J
C914	5ADK0113	C SMD 2C 10P 50V C
C915	5ACK0108	C SMD BJ 0.1U 25V K
C920	5ACK0021	C SMD CER B1 0.01U 50V K
C925	5A1BA503	C FILM MM 0.47U 100V
C926	5ACK0115	C SMD CER BJ 1U 10V K
C927	5A8K0872	C ELE105 4.7U 50V M
C951	5A8K5132	C ELE105 1500U 25V M
C952	5A8K5132	C ELE105 1500U 25V M

SYMBOL	PART NO	DESCRIPTION
C953	5A8K5130	C ELE105 1000U 25V M
C954	5AFK0251	C SMD CER 1.0UF 16V M
C955	5A5K0123	C CER 1X 150P 1KV J
C9A2	5A8K0869	C ELE105 2.2U 50V M
C9A3	5A1BA501	C FILM MM 0.01U 400V
C9A4	5ACK0108	C SMD BJ 0.1U 25V K
C9A6	5ACK0115	C SMD CER BJ 1U 10V K
C9A7	5A8K0839	C ELE105 47U 25V M
C9E1	5A8K5112	C ELE105 2200U 10V M
C9E2	5ACK0115	C SMD CER BJ 1U 10V K
C9E3	5A8K0012	C ELE105 1000U 10V M
C9X1	5A1B1502	C FILM PMS 0.47U 400V
C9X2	5ACK0021	C SMD CER B1 0.01U 50V K
C9X3	5ACK0005	C SMD CER B1 470P 50V K
C9X4	5ACK0112	C SMD CER BJ 0.33U 16V K
C9X5	5ADK0025	C SMD CER 1X 100P 50V J
CA05	5ACK1933	C SMD CER B 0.047U 16V K
CA06	5ACK1933	C SMD CER B 0.047U 16V K
CA07	5ACK1933	C SMD CER B 0.047U 16V K
CA08	5ACK1933	C SMD CER B 0.047U 16V K
CA09	5ACK1933	C SMD CER B 0.047U 16V K
CA10	5ACK1933	C SMD CER B 0.047U 16V K
CA12	5ACK1113	C SMD CER B1 1000P 50V K
CA19	5ACK1113	C SMD CER B1 1000P 50V K
CA20	5AFK0216	C SMD CER 10U 6.3V M
CA21	5AAB1424	C 16V 8200PF
CA22	5AAB1433	C 16V 47000PF
CA23	5ACK1363	C SMD CER F1 0.1U 25V Z
CA24	5ACK1363	C SMD CER F1 0.1U 25V Z
CA25	5ACK1363	C SMD CER F1 0.1U 25V Z
CA26	5ACK1002	C,CERAMIC 6.3V 1UF
CA28	5ACK1363	C SMD CER F1 0.1U 25V Z
CA29	5ACK1363	C SMD CER F1 0.1U 25V Z
CA2A	5AAB1427	C 16V 15000PF
CA36	5ACK1363	C SMD CER F1 0.1U 25V Z
CA37	5ACK1363	C SMD CER F1 0.1U 25V Z
CA38	5ACK1363	C SMD CER F1 0.1U 25V Z
CA39	5ACK1363	C SMD CER F1 0.1U 25V Z
CA40	5ACK1363	C SMD CER F1 0.1U 25V Z
CA41	5ACK1363	C SMD CER F1 0.1U 25V Z
CA42	5ACK1363	C SMD CER F1 0.1U 25V Z
CA43	5ACK1363	C SMD CER F1 0.1U 25V Z
CA44	5ACK1363	C SMD CER F1 0.1U 25V Z
CA45	5ACK1363	C SMD CER F1 0.1U 25V Z
CA53	5AFK0216	C SMD CER 10U 6.3V M
CA67	5AFK0216	C SMD CER 10U 6.3V M
CA70A	5AFK0216	C SMD CER 10U 6.3V M
CA70B	5ACK1363	C SMD CER F1 0.1U 25V Z

SYMBOL	PART NO	DESCRIPTION
CA70G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA70R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA71B	5AFK0216	C SMD CER 10U 6.3V M
CA71G	5AFK0216	C SMD CER 10U 6.3V M
CA71R	5AFK0216	C SMD CER 10U 6.3V M
CA72A	5ACK1363	C SMD CER F1 0.1U 25V Z
CA72B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA72G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA72R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA73B	5ADK1007	C SMD CER 2C 10P 50V D
CA73G	5ADK1007	C SMD CER 2C 10P 50V D
CA73R	5ADK1007	C SMD CER 2C 10P 50V D
CA74B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA74G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA74R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA75A	5AFK0216	C SMD CER 10U 6.3V M
CA75B	5ADK1016	C SMD CER 2C 22P 50V J
CA75G	5ADK1016	C SMD CER 2C 22P 50V J
CA75R	5ADK1016	C SMD CER 2C 22P 50V J
CA76B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA76G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA76R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA77A	5ADK1029	C SMD CER 2C 68P 50V J
CA77B	5ADK1025	C SMD CER 2C 47P 50V J
CA77G	5ADK1025	C SMD CER 2C 47P 50V J
CA77R	5ADK1025	C SMD CER 2C 47P 50V J
CA78A	5ACK1363	C SMD CER F1 0.1U 25V Z
CA80A	5AFK0216	C SMD CER 10U 6.3V M
CA80B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA80G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA80R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA81B	5AFK0216	C SMD CER 10U 6.3V M
CA81G	5AFK0216	C SMD CER 10U 6.3V M
CA81R	5AFK0216	C SMD CER 10U 6.3V M
CA82B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA82G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA82R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA83B	5ADK1007	C SMD CER 2C 10P 50V D
CA83G	5ADK1007	C SMD CER 2C 10P 50V D
CA83R	5ADK1007	C SMD CER 2C 10P 50V D
CA84B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA84G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA84R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA85A	5AFK0216	C SMD CER 10U 6.3V M
CA85B	5ADK1016	C SMD CER 2C 22P 50V J
CA85G	5ADK1016	C SMD CER 2C 22P 50V J
CA85R	5ADK1016	C SMD CER 2C 22P 50V J
CA86B	5ACK1363	C SMD CER F1 0.1U 25V Z

SYMBOL	PART NO	DESCRIPTION
CA86G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA86R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA87A	5ADK1029	C SMD CER 2C 68P 50V J
CA87B	5ADK1025	C SMD CER 2C 47P 50V J
CA87G	5ADK1025	C SMD CER 2C 47P 50V J
CA87R	5ADK1025	C SMD CER 2C 47P 50V J
CA88A	5ACK1363	C SMD CER F1 0.1U 25V Z
CA90	5ACK1113	C SMD CER B1 1000P 50V K
CA91	5ACK1113	C SMD CER B1 1000P 50V K
CAA1	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA2	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA3	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA4	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA5	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA6	5AHK0711	C SMD ELE105 10U 16V M
CAH1	5ACK1002	C,CERAMIC 6.3V 1UF
CAH2	5ACK1002	C,CERAMIC 6.3V 1UF
CAH3	5ACK1123	C SMD B1 6800P 50V K
CAH4	5ACK1123	C SMD B1 6800P 50V K
CAM3	5AFK0216	C SMD CER 10U 6.3V M
CAM4	5AFK0216	C SMD CER 10U 6.3V M
CAN1	5ACK1002	C,CERAMIC 6.3V 1UF
CAN2	5ACK1002	C,CERAMIC 6.3V 1UF
CAN3	5ACK1123	C SMD B1 6800P 50V K
CAN4	5ACK1123	C SMD B1 6800P 50V K
CK01	5ACK1363	C SMD CER F1 0.1U 25V Z
CK02	5ACK1363	C SMD CER F1 0.1U 25V Z
CK03	5ACK1363	C SMD CER F1 0.1U 25V Z
CK04	5ACK1363	C SMD CER F1 0.1U 25V Z
CK05	5ACK1363	C SMD CER F1 0.1U 25V Z
CK06	5ACK1363	C SMD CER F1 0.1U 25V Z
CK07	5ACK1363	C SMD CER F1 0.1U 25V Z
CK08	5ACK1363	C SMD CER F1 0.1U 25V Z
CK09	5ADK1034	C SMD CER 2C 100P 50V J
CK10	5ADK1034	C SMD CER 2C 100P 50V J
CK11	5ADK1034	C SMD CER 2C 100P 50V J
CK12	5ADK1034	C SMD CER 2C 100P 50V J
CK13	5ADK1034	C SMD CER 2C 100P 50V J
CK14	5AFK0216	C SMD CER 10U 6.3V M
CK16	5AHK5016	C SMD ELE105 100U 16V M
CK17	5ADK1034	C SMD CER 2C 100P 50V J
CK18	5AFK0216	C SMD CER 10U 6.3V M
CK19	5ACK1363	C SMD CER F1 0.1U 25V Z
CK20	5ACK1363	C SMD CER F1 0.1U 25V Z
CK21	5ACK1363	C SMD CER F1 0.1U 25V Z
CK22	5ACK1363	C SMD CER F1 0.1U 25V Z
CK23	5ACK1363	C SMD CER F1 0.1U 25V Z
CK24	5ACK1363	C SMD CER F1 0.1U 25V Z

SYMBOL	PART NO	DESCRIPTION
CK25	5ACK1363	C SMD CER F1 0.1U 25V Z
CK26	5ACK1363	C SMD CER F1 0.1U 25V Z
CK27	5ADK1034	C SMD CER 2C 100P 50V J
CK28	5ADK1034	C SMD CER 2C 100P 50V J
CK29	5ADK1034	C SMD CER 2C 100P 50V J
CK30	5ADK1034	C SMD CER 2C 100P 50V J
CK31	5ADK1034	C SMD CER 2C 100P 50V J
CK32	5AFK0216	C SMD CER 10U 6.3V M
CK34	5AHK5016	C SMD ELE105 100U 16V M
CK35	5ADK1034	C SMD CER 2C 100P 50V J
CK36	5AFK0216	C SMD CER 10U 6.3V M
CKF1	5ACK1363	C SMD CER F1 0.1U 25V Z
CKF2	5ACK1363	C SMD CER F1 0.1U 25V Z

REPLACEMENT PARTS LIST

The components specified for Model LCD2080UX-BK(A)

Manufactured by NMV

SYMBOL	PART NO	DESCRIPTION
*** ICS ***		
IC201	3A7KB073	IC SMD BA00BCOWFP
IC221	3A7KB045	IC SMD PQ1CZ21H2ZP
IC222	3A7KB073	IC SMD BA00BCOWFP
IC251	3A7KB070	IC SMD L4978 REGULATOR
IC271	3A7KB073	IC SMD BA00BCOWFP
IC272	3A7KB073	IC SMD BA00BCOWFP
IC2A1	3A7KB045	IC SMD PQ1CZ21H2ZP
IC401	3A775023	IC SMD PW164B
IC402	3A752045	IC SMD LHF28F800-L202EV
IC403	3A7EF036	IC SMD ICS332M-L202EV
IC405	3A7EF003	MOS SN74AHC2G125H
IC4A1	3A774007	IC SMD UPD65545-Y-6C
IC4A2	3A7EA002	IC NC7WZ14
IC4A3	3A7EA002	IC NC7WZ14
IC551	3A7EJ034	IC DS90C385MTDX
IC552	3A7EJ034	IC DS90C385MTDX
IC801	3A7KB030	IC SMD M51957AFP
IC802	3A7KB030	IC SMD M51957AFP
IC803	3A7EB005	MOS CAT24WC64JI-TE13
IC804	3A753017	IC M30625FGNGP L202EV F
IC8A1	3A7EB016	MOS BU9882F-E2
IC8A2	3A7EJ022	IC X9116WM8-2.7T4 MOS
IC8A3	3A7EJ022	IC X9116WM8-2.7T4 MOS
IC8A4	3A7EF037	IC SMD SN74CBT1G125DCK
IC8A5	3A7EF037	IC SMD SN74CBT1G125DCK
IC8F1	3A7EB016	MOS BU9882F-E2
IC901	3A709036	IC STR-E1717
IC951	3A7K9039	IC UPC1093J-T
IC9A1	3A709009	IC MIP2E2
IC9A2	3A709038	IC XN04A88
IC9E1	3A7K9039	IC UPC1093J-T
ICA01	3A754002	IC SMD AD9888KS-170
ICA70A	3A7KA024	IC SMD AD8002AR
ICAA1	3A7EA002	IC NC7WZ14
ICAA2	3A7EA002	IC NC7WZ14
ICAA3	3A7EF033	IC SMD SN74CBTLV1G125DCK
ICAA4	3A7EF033	IC SMD SN74CBTLV1G125DCK
ICAA5	3A7KJ035	IC SMD UPC1093T-E2
ICAA6	3A7EF030	IC SN74CBTLV3125PW
ICK01	3A775006	MOS TFP401
ICK02	3A775006	MOS TFP401

SYMBOL	PART NO	DESCRIPTION
*** TRANSISTORS ***		
Q101	3AEF0038	TR SMD DTC143ZKA-T146
Q102	3AEA0026	TR 2SA812-T1BM6
Q104	3AEF0038	TR SMD DTC143ZKA-T146
Q105	3AEA0026	TR 2SA812-T1BM6
Q151	3AEE0038	FET SMD 2SJ356-T1 P
Q152	3AEA0027	TR 2SA1037AK-T146 Q
Q153	3AEC0025	TR SMD 2412K R
Q154	3AEF0035	TR DTC144EKA-T146(0)
Q155	3AEF0035	TR DTC144EKA-T146(0)
Q156	3AEF0037	TR SMD DTA144EKA
Q157	3AEF0035	TR DTC144EKA-T146(0)
Q261	3AEF0035	TR DTC144EKA-T146(0)
Q262	3AEE0039	FET SMD 2SJ325-Z E2 P
Q265	3AEE0034	FET 2SK3018-T106
Q271	3AEF0035	TR DTC144EKA-T146(0)
Q272	3AEF0035	TR DTC144EKA-T146(0)
Q451	3AEA0026	TR 2SA812-T1BM6
Q452	3AEF0035	TR DTC144EKA-T146(0)
Q453	3AEF0035	TR DTC144EKA-T146(0)
Q805	3AEF0035	TR DTC144EKA-T146(0)
Q806	3AEC0053	TR SMD 2SC3734
Q807	3AEC0053	TR SMD 2SC3734
Q861	3AEE0034	FET 2SK3018-T106
Q863	3AEE0034	FET 2SK3018-T106
Q8A3	3AEF0035	TR DTC144EKA-T146(0)
Q8E1	3AEF0035	TR DTC144EKA-T146(0)
Q8E5	3AEF0035	TR DTC144EKA-T146(0)
Q8E6	3AEF0035	TR DTC144EKA-T146(0)
Q901	3A550043	FET 2SK3673-01MR
Q908	3AEE0044	FET 2SK2715 P
Q911	3AEA0027	TR 2SA1037AK-T146 Q
Q912	3AEC0025	TR SMD 2412K R
Q913	3AEC0025	TR SMD 2412K R
Q930	3AEF0035	TR DTC144EKA-T146(0)
Q931	3A5C0054	TR 2SC5562
Q932	3AEF0035	TR DTC144EKA-T146(0)
Q933	3AEF0040	TR SMD DTB114EK
Q9E1	3AEF0035	TR DTC144EKA-T146(0)
QA70A	3AEF0035	TR DTC144EKA-T146(0)
QA70B	3AEC0052	TR SMD 2SC3356(M)
QA70G	3AEC0052	TR SMD 2SC3356(M)
QA70R	3AEC0052	TR SMD 2SC3356(M)
QA71A	3AEE0038	FET SMD 2SJ356-T1 P
QA71B	3AEF0037	TR SMD DTA144EKA
QA71G	3AEF0037	TR SMD DTA144EKA
QA71R	3AEF0037	TR SMD DTA144EKA

SYMBOL	PART NO	DESCRIPTION
QA72A	3AEF0037	TR SMD DTA144EKA
QA72B	3AEF0037	TR SMD DTA144EKA
QA72G	3AEF0037	TR SMD DTA144EKA
QA72R	3AEF0037	TR SMD DTA144EKA
QA73B	3AEF0037	TR SMD DTA144EKA
QA73G	3AEF0037	TR SMD DTA144EKA
QA73R	3AEF0037	TR SMD DTA144EKA
QA80B	3AEC0052	TR SMD 2SC3356(M)
QA80G	3AEC0052	TR SMD 2SC3356(M)
QA80R	3AEC0052	TR SMD 2SC3356(M)
QA81B	3AEF0037	TR SMD DTA144EKA
QA81G	3AEF0037	TR SMD DTA144EKA
QA81R	3AEF0037	TR SMD DTA144EKA
QA82B	3AEF0037	TR SMD DTA144EKA
QA82G	3AEF0037	TR SMD DTA144EKA
QA82R	3AEF0037	TR SMD DTA144EKA
QA83B	3AEF0037	TR SMD DTA144EKA
QA83G	3AEF0037	TR SMD DTA144EKA
QA83R	3AEF0037	TR SMD DTA144EKA
QAA1	3AEF0035	TR DTC144EKA-T146(0)
QAH1	3AEA0028	TR SMD 2SA1434-TB
QAH2	3AEA0028	TR SMD 2SA1434-TB
QAM1	3AEC0053	TR SMD 2SC3734
QAM2	3AEC0053	TR SMD 2SC3734
QAN1	3AEA0028	TR SMD 2SA1434-TB
QAN2	3AEA0028	TR SMD 2SA1434-TB
QKF1	3AEA0027	TR 2SA1037AK-T146 Q

*** DIODES ***

D151	3AFK1009	DI SMD 1SS355 TE-17
D152	3AFA0029	DI RB715F-T106
D221	3AFK9002	DI SFPB-64
D222	3AFK1009	DI SMD 1SS355 TE-17
D271	3AFK1009	DI SMD 1SS355 TE-17
D272	3AFK1009	DI SMD 1SS355 TE-17
D273	3AFK1009	DI SMD 1SS355 TE-17
D274	3AFA0112	DI SMD RB495D
D275	3AFA0112	DI SMD RB495D
D2A1	3AFK9002	DI SFPB-64
D2M1	3AFK9002	DI SFPB-64
D901	3A609011	DI D3SBA60
D902	3A6A0075	DI RM10A
D907	3A6A0120	DI EG01CV1-T
D911	3A6C0022	DI SMD 1SR156-400
D912	3AFK1006	DI MA2Z001
D913	3AFK9010	DI DG1M3
D914	3AFK9010	DI DG1M3
D915	3AFK1006	DI MA2Z001

SYMBOL	PART NO	DESCRIPTION
D930	3AFK1009	DI SMD 1SS355 TE-17
D951	3A610091	DI FMX-22S
D9A1	3A6A0120	DI EG01CV1-T
D9A2	3AFK1006	DI MA2Z001
D9E1	3A609003	DI RK39(LF-C1)
D9X1	3A610069	DI FMG-G26S
D9X2	3AFC0001	DI SFPL-52
DA01	3AFK1008	DI SMD DAN217 T146
DA02	3AFK1008	DI SMD DAN217 T146
DA03	3AFK1008	DI SMD DAN217 T146
DA04	3AFK1009	DI SMD 1SS355 TE-17
DA11	3AFK1008	DI SMD DAN217 T146
DA12	3AFK1008	DI SMD DAN217 T146
DA13	3AFK1008	DI SMD DAN217 T146
DA70A	3A6K1005	DI 1SS356
DA71B	3A6K1005	DI 1SS356
DA71G	3A6K1005	DI 1SS356
DA71R	3A6K1005	DI 1SS356
DA72B	3A6K1005	DI 1SS356
DA72G	3A6K1005	DI 1SS356
DA72R	3A6K1005	DI 1SS356
DA73B	3A6K1005	DI 1SS356
DA73G	3A6K1005	DI 1SS356
DA73R	3A6K1005	DI 1SS356
DA80A	3A6K1005	DI 1SS356
DA81B	3A6K1005	DI 1SS356
DA81G	3A6K1005	DI 1SS356
DA81R	3A6K1005	DI 1SS356
DA82B	3A6K1005	DI 1SS356
DA82G	3A6K1005	DI 1SS356
DA82R	3A6K1005	DI 1SS356
DA83B	3A6K1005	DI 1SS356
DA83G	3A6K1005	DI 1SS356
DA83R	3A6K1005	DI 1SS356
ZD8G2	3AFK5505	DI STZ6.2N
ZD908	3AFK5741	ZD SMD UDZS 7.5B TE-17
ZD910	3AFK6102	ZD SMD UDZS27B
ZD917	3AFK6101	ZD SMD UDZS18B
ZD918	3AFK5742	ZD SMD UDZS 5.1B TE-17
ZD919	3AFK6100	ZD SMD UDZS4.7B
ZD920	3AFK6102	ZD SMD UDZS27B
ZD930	3AFK5741	ZD SMD UDZS 7.5B TE-17
ZD9A4	3AFK6101	ZD SMD UDZS18B
ZDA01	3AFK5506	DI NNCD6.2MG
ZDA11	3AFK5506	DI NNCD6.2MG

*** TRANSFORMERS ***

T901	4A530011	TRANS SWITH ST-1102A
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SYMBOL	PART NO	DESCRIPTION
T9A1	4A530007	SWTCHING TRANS L2.3MH

*** RELAYS & SWITCHES ***

SW901	6A530001	SWITCH,SEESAW SDDJE12400
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*** PWB ASSYS ***

X01	8BEV1M01	ASSY-PWB-MAIN
X02	8BEV1P01	ASSY-PWB-POWER
X7A01	7A930026	SKD LCD2080UX INVERTER

*** COILS & FILTERS ***

FL203	6AAK2004	FILTER,NOISE
FL2M1	6AAK2004	FILTER,NOISE
FL901	6A101870	L FILTER LFZ28H05
IN901	4A660003	LINE FILTER 03ME3G
L115	6AAK2070	L BEAD SMD BK1608LM252
L116	6AAK2070	L BEAD SMD BK1608LM252
L117	6AAK2070	L BEAD SMD BK1608LM252
L118	6AAK2070	L BEAD SMD BK1608LM252
L119	6AAK2070	L BEAD SMD BK1608LM252
L120	6AAK2070	L BEAD SMD BK1608LM252
L121	6AAK2070	L BEAD SMD BK1608LM252
L122	6AAK2070	L BEAD SMD BK1608LM252
L123	6AAK2070	L BEAD SMD BK1608LM252
L125	6AAK2070	L BEAD SMD BK1608LM252
L221	6AAK2005	CHIP COIL FBMH3216HM501NT
L222	6AAK2005	CHIP COIL FBMH3216HM501NT
L223	6AAK2107	SLF10145T-101M1R0
L261	6AAK2005	CHIP COIL FBMH3216HM501NT
L262	6AAK2311	COIL BEAD FBMH4525HM102NT
L263	6AAK2005	CHIP COIL FBMH3216HM501NT
L271	6AAK2005	CHIP COIL FBMH3216HM501NT
L272	6AAK2005	CHIP COIL FBMH3216HM501NT
L2A1	6AAK2107	SLF10145T-101M1R0
L2A2	6AAK2005	CHIP COIL FBMH3216HM501NT
L2M1	6A1K1867	L NOISE FILTER SMD 100UH
L405	6AAK2005	CHIP COIL FBMH3216HM501NT
L406	6AAK2005	CHIP COIL FBMH3216HM501NT
L451	6AAK2070	L BEAD SMD BK1608LM252
L452	6AAK2010	FERRITE,CHIP BK1608HS800-
L453	6AAK2010	FERRITE,CHIP BK1608HS800-
L454	6AAK2070	L BEAD SMD BK1608LM252
L459	6AAK2070	L BEAD SMD BK1608LM252
L4A1	6AAK2070	L BEAD SMD BK1608LM252
L4A2	6AAK2005	CHIP COIL FBMH3216HM501NT
L4A3	6AAK2005	CHIP COIL FBMH3216HM501NT
L4A4	6AAK2369	L BEAD SMD BKP1608HS330
L4A5	6AAK2369	L BEAD SMD BKP1608HS330

SYMBOL	PART NO	DESCRIPTION
L551	6AAK2080	L BEAD SMD BK1608HS601
L552	6AAK2080	L BEAD SMD BK1608HS601
L553	6AAK2080	L BEAD SMD BK1608HS601
L561	6AAK2080	L BEAD SMD BK1608HS601
L562	6AAK2080	L BEAD SMD BK1608HS601
L563	6AAK2080	L BEAD SMD BK1608HS601
L951	6A101868	L SBC7-100-532
L9A1	6AAK2162	LEMC3225T101K
L9E1	6A1K2124	L CHOKE 10UH 3.7A TSL1112
L9X1	6A101869	L PFC COIL 77A-2702
L9X2	6A109001	L CHOKE 72UH 2A
LAA3	6AAK2369	L BEAD SMD BKP1608HS330
LAA4	6AAK2369	L BEAD SMD BKP1608HS330
LAA5	6AAK2369	L BEAD SMD BKP1608HS330
LAA6	6AAK2369	L BEAD SMD BKP1608HS330
LAA7	6AAK2369	L BEAD SMD BKP1608HS330
LAH1	6AAK2369	L BEAD SMD BKP1608HS330
LAH2	6AAK2369	L BEAD SMD BKP1608HS330
LAN1	6AAK2369	L BEAD SMD BKP1608HS330
LAN2	6AAK2369	L BEAD SMD BKP1608HS330
X801	6AAF0004	CERALOCK CSTCR7M37G53-R0

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

CNA01	7A057042	CN CA-29DVI2SIR-X-X
CNA02	7A057043	CN DV11201-P8(BLUE)
CNA03	7A057041	CN CA-24DVI2SDR-X-X
F901	6A600255	FUSE SG5013 250V 3.15A
OSC4A1	6ADE0004	CRYSTAL SG-8002JF PCC 55M
PC901	3A820003	IC PC123Y22 PHOTO
PC911	3A820003	IC PC123Y22 PHOTO
PC9A1	3A820003	IC PC123Y22 PHOTO
TH901	3A810010	NTCR 10D2-10LC
VD901	3A0K0009	VARISTOR ENE471D-10A
X3A01	3A684034	LCD LM201U03 LGPHILIPS
X402	6A410026	OSC XTAL SMD HC-49U03C
XD7A01	7A392037	CABLE BUTTON BLK
XD7A02	7A391005	DVI_D-DVI_D CABLE 2.0M BK
XD7A03	7A391011	DVI_A-VGA CABLE 2.0M BK
XD7A04	7A081007	POWER CORD U3 L2.0 BK
XD7A09	7A960491	CD PIVOT LVIEW,NEC(A,B)

*** APPEARANCE PARTS ***

X5501	25551401	BRACKET BASE ASSY,L202EV
XD2601	25261651	STAND UNIT,L202EV-BK
XD3201	25327491	BEZEL,L202EV-BK(AB)-N
XD3202	25327501	BACK ASSY,L202EV-BK(AB)-N
XD4301	25435791	STAND COVER TB,L202EV-BK
XD4302	25435801	COVER CABLE,L202EV-BK

SYMBOL	PART NO	DESCRIPTION
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*** PRINTED & PACKING MATERIALS ***

X7901	25792531	LABEL,PIVOT
X7902	25793801	LABEL(AMBIX+)
X8401	25841201	FILLER T,L202EV
X8402	25841211	FILLER B,L202EV
X8403	25841501	FILLER C,L202EV
X8404	25841511	PROTECTION SHEET
XD7901	25794912	RATING LABEL,L202EV-BK-AB
XD7902	25795312	LABEL BARCODE,L202EV-BKA
XD7903	25795362	LABEL REV,L202EV-BKA
XD7A05	7A813151	ACCESSORY LCD2080UX(A)
XD7A06	7A861751	SHEET SETUP,L202EV(A)
XD8401	25841231	CARTON BOX,L202EV-BK(A)-N
XD8402	25841531	PACKING BAG
XD8403	25841311	CARTON SHEET,L202EV

*** RESISTORS ***

J921	4AAA1065	R SMD METAL 1/8W 0 OHM
J923	4AAA1065	R SMD METAL 1/8W 0 OHM
J924	4AAA1065	R SMD METAL 1/8W 0 OHM
J925	4AAA1065	R SMD METAL 1/8W 0 OHM
J926	4AAA1065	R SMD METAL 1/8W 0 OHM
J927	4AAA1065	R SMD METAL 1/8W 0 OHM
J928	4AAA1065	R SMD METAL 1/8W 0 OHM
J929	4AAA1065	R SMD METAL 1/8W 0 OHM
J930	4AKE1081	R SMD METAL 1/4W 0OHM
J940	4AAA1065	R SMD METAL 1/8W 0 OHM
J961	4AAA1065	R SMD METAL 1/8W 0 OHM
J962	4AAA1065	R SMD METAL 1/8W 0 OHM
MR401	4ACF1282	R SMD NET 1/16W 150 J
MR402	4ACF1282	R SMD NET 1/16W 150 J
MR403	4ACF1282	R SMD NET 1/16W 150 J
MR404	4ACF1282	R SMD NET 1/16W 150 J
MR405	4ACF1282	R SMD NET 1/16W 150 J
MR406	4ACF1282	R SMD NET 1/16W 150 J
MR407	4ACF1282	R SMD NET 1/16W 150 J
MR408	4ACF1282	R SMD NET 1/16W 150 J
MR409	4ACF1282	R SMD NET 1/16W 150 J
MR410	4ACF1282	R SMD NET 1/16W 150 J
MR411	4ACF1282	R SMD NET 1/16W 150 J
MR412	4ACF1282	R SMD NET 1/16W 150 J
MR4G1	4ACF1202	R SMD NET 1/16W 33 J
MR4G3	4ACF1202	R SMD NET 1/16W 33 J
MR4G5	4ACF1202	R SMD NET 1/16W 33 J
MR4G7	4ACF1202	R SMD NET 1/16W 33 J
MR4G9	4ACF1202	R SMD NET 1/16W 33 J
MR4H1	4ACF1202	R SMD NET 1/16W 33 J

SYMBOL	PART NO	DESCRIPTION
MRA01	4ACF1203	R SMD NET 1/16W 100 J
MRA03	4ACF1203	R SMD NET 1/16W 100 J
MRA05	4ACF1203	R SMD NET 1/16W 100 J
MRA07	4ACF1203	R SMD NET 1/16W 100 J
MRA09	4ACF1203	R SMD NET 1/16W 100 J
MRA11	4ACF1203	R SMD NET 1/16W 100 J
MRK01	4ACF1202	R SMD NET 1/16W 33 J
MRK03	4ACF1202	R SMD NET 1/16W 33 J
MRK05	4ACF1202	R SMD NET 1/16W 33 J
MRK07	4ACF1202	R SMD NET 1/16W 33 J
MRK09	4ACF1202	R SMD NET 1/16W 33 J
MRK11	4ACF1202	R SMD NET 1/16W 33 J
MRK13	4ACF1202	R SMD NET 1/16W 33 J
MRK15	4ACF1202	R SMD NET 1/16W 33 J
MRK17	4ACF1202	R SMD NET 1/16W 33 J
MRK19	4ACF1202	R SMD NET 1/16W 33 J
MRK21	4ACF1202	R SMD NET 1/16W 33 J
MRK23	4ACF1202	R SMD NET 1/16W 33 J
R101	4AAA3489	R,METAL 4.7KH 5% 1/16W
R102	4AAA3489	R,METAL 4.7KH 5% 1/16W
R103	4ABE2031	R SMD METAL 1/16W 180 F
R105	4AAA3489	R,METAL 4.7KH 5% 1/16W
R106	4AAA3489	R,METAL 4.7KH 5% 1/16W
R107	4ABE2031	R SMD METAL 1/16W 180 F
R117	4AKB1028	R SMD METAL 1/10W 1K J
R118	4AKB1028	R SMD METAL 1/10W 1K J
R119	4AKB1028	R SMD METAL 1/10W 1K J
R120	4AKB1028	R SMD METAL 1/10W 1K J
R121	4AKB1028	R SMD METAL 1/10W 1K J
R122	4AKB1028	R SMD METAL 1/10W 1K J
R123	4AKB1028	R SMD METAL 1/10W 1K J
R125	4AKB1028	R SMD METAL 1/10W 1K J
R151	4ABE2053	R SMD METAL 1/16W 1.5K F
R152	4AAA3483	R,METAL 2.7KH 5% 1/16W
R153	4AAA3497	R,METAL 10KH 5% 1/16W
R154	4AAA3483	R,METAL 2.7KH 5% 1/16W
R155	4AAA3443	R,METAL 56H 5% 1/16W
R156	4AAA3543	R,METAL 820KH 5% 1/16W
R157	4AAA3497	R,METAL 10KH 5% 1/16W
R158	4AAA3515	R,METAL 56KH 5% 1/16W
R159	4AAA3497	R,METAL 10KH 5% 1/16W
R15A	4AAA3497	R,METAL 10KH 5% 1/16W
R15E	4AAA3497	R,METAL 10KH 5% 1/16W
R15F	4AAA3473	R,METAL 1.0KH 5% 1/16W
R15L	4AAA3473	R,METAL 1.0KH 5% 1/16W
R201	4AAA3473	R,METAL 1.0KH 5% 1/16W
R202	4ABE2091	R SMD METAL 1/16W 56K F
R203	4ABE2085	R SMD METAL 1/16W 33K F

SYMBOL	PART NO	DESCRIPTION
R221	4ABE2055	R SMD METAL 1/16W 1.8K F
R222	4ABE2083	R SMD METAL 1/16W 27K F
R223	4ABE2051	R SMD METAL 1/16W 1.2K F
R224	4ABE2084	R SMD METAL 1/16W 30K F
R225	4AAA3473	R,METAL 1.0KH 5% 1/16W
R226	4AAA3473	R,METAL 1.0KH 5% 1/16W
R261	4AAA3509	R,METAL 33KH 5% 1/16W
R262	4AAA3509	R,METAL 33KH 5% 1/16W
R266	4ABE2105	R SMD METAL 1/16W 150K F
R267	4ABE2085	R SMD METAL 1/16W 33K F
R268	4ACF1070	R SMD TFC 1/2W 680 J
R269	4ACF1070	R SMD TFC 1/2W 680 J
R26A	4AAA3473	R,METAL 1.0KH 5% 1/16W
R271	4AAA3481	R,METAL 2.2KH 5% 1/16W
R272	4AAA3491	R,METAL 5.6KH 5% 1/16W
R273	4ABE2091	R SMD METAL 1/16W 56K F
R274	4ABE2085	R SMD METAL 1/16W 33K F
R274A	4ABE2057	R SMD METAL 1/16W 2.2K F
R275	4AAA3485	R,METAL 3.3KH 5% 1/16W
R276	4ABE2085	R SMD METAL 1/16W 33K F
R277	4ABE2085	R SMD METAL 1/16W 33K F
R277A	4ABE2051	R SMD METAL 1/16W 1.2K F
R278	4AAA3497	R,METAL 10KH 5% 1/16W
R2A1	4AAA3443	R,METAL 56H 5% 1/16W
R2A2	4AAA3443	R,METAL 56H 5% 1/16W
R2A3	4ABE2039	R SMD METAL 1/16W 390 F
R2A4	4ABE2049	R SMD METAL 1/16W 1K F
R2A5	4ABE2071	R SMD METAL 1/16W 8.2K F
R2A7	4AAA3473	R,METAL 1.0KH 5% 1/16W
R2M1	4ABE2065	R SMD METAL 1/16W 4.7K F
R2M2	4ABE2081	R SMD METAL 1/16W 22K F
R2M3	4ABE2051	R SMD METAL 1/16W 1.2K F
R2M4	4ABE2065	R SMD METAL 1/16W 4.7K F
R2M5	4ABE2023	R SMD METAL 1/16W 82 F
R402	4ABE2020	R SMD METAL 1/16W 62 F
R403	4AAA3400	R,METAL 0.0H 5% 1/16W
R405	4AAA3400	R,METAL 0.0H 5% 1/16W
R409	4AAA3473	R,METAL 1.0KH 5% 1/16W
R412	4AAA3443	R,METAL 56H 5% 1/16W
R415	4AAA3473	R,METAL 1.0KH 5% 1/16W
R416	4AAA3513	R,METAL 47KH 5% 1/16W
R418	4AAA3400	R,METAL 0.0H 5% 1/16W
R422	4AAA3400	R,METAL 0.0H 5% 1/16W
R429	4AAA3449	R,METAL 100H 5% 1/16W
R430	4AAA3449	R,METAL 100H 5% 1/16W
R433	4AAA3443	R,METAL 56H 5% 1/16W
R435	4AAA3443	R,METAL 56H 5% 1/16W
R449	4AAA3481	R,METAL 2.2KH 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
R451	4AAA3485	R,METAL 3.3KH 5% 1/16W
R452	4AAA3485	R,METAL 3.3KH 5% 1/16W
R453	4AAA3497	R,METAL 10KH 5% 1/16W
R454	4AAA3513	R,METAL 47KH 5% 1/16W
R455	4AAA3473	R,METAL 1.0KH 5% 1/16W
R456	4AAA3449	R,METAL 100H 5% 1/16W
R457	4AAA3473	R,METAL 1.0KH 5% 1/16W
R458	4AAA3513	R,METAL 47KH 5% 1/16W
R459	4AAA3513	R,METAL 47KH 5% 1/16W
R45E	4AAA3497	R,METAL 10KH 5% 1/16W
R45K	4AAA3497	R,METAL 10KH 5% 1/16W
R45P	4AAA3449	R,METAL 100H 5% 1/16W
R45T	4AAA3449	R,METAL 100H 5% 1/16W
R463	4AAA3497	R,METAL 10KH 5% 1/16W
R464	4AAA3497	R,METAL 10KH 5% 1/16W
R465	4AAA3449	R,METAL 100H 5% 1/16W
R466	4AAA3449	R,METAL 100H 5% 1/16W
R467	4AAA3449	R,METAL 100H 5% 1/16W
R468	4AAA3449	R,METAL 100H 5% 1/16W
R470	4AAA3473	R,METAL 1.0KH 5% 1/16W
R4A2	4AAA3443	R,METAL 56H 5% 1/16W
R4A3	4AAA3437	R,METAL 33H 5% 1/16W
R4A4	4AAA3437	R,METAL 33H 5% 1/16W
R4A5	4AAA3437	R,METAL 33H 5% 1/16W
R4A6	4AAA3437	R,METAL 33H 5% 1/16W
R4A7	4AAA3437	R,METAL 33H 5% 1/16W
R4A8	4AAA3437	R,METAL 33H 5% 1/16W
R4A9	4AAA3437	R,METAL 33H 5% 1/16W
R4AK	4AAA3437	R,METAL 33H 5% 1/16W
R4AL	4AAA3437	R,METAL 33H 5% 1/16W
R4AM	4AAA3437	R,METAL 33H 5% 1/16W
R4AN	4AAA3437	R,METAL 33H 5% 1/16W
R4AP	4AAA3437	R,METAL 33H 5% 1/16W
R4AT	4AAA3437	R,METAL 33H 5% 1/16W
R4E0	4AAA3437	R,METAL 33H 5% 1/16W
R4E1	4AAA3437	R,METAL 33H 5% 1/16W
R4E2	4AAA3437	R,METAL 33H 5% 1/16W
R4E3	4AAA3437	R,METAL 33H 5% 1/16W
R4E4	4AAA3437	R,METAL 33H 5% 1/16W
R4E5	4AAA3449	R,METAL 100H 5% 1/16W
R4E6	4AAA3449	R,METAL 100H 5% 1/16W
R4E7	4AAA3449	R,METAL 100H 5% 1/16W
R4E8	4AAA3449	R,METAL 100H 5% 1/16W
R4E9	4AAA3449	R,METAL 100H 5% 1/16W
R4EA	4AAA3497	R,METAL 10KH 5% 1/16W
R550	4AAA3090	R,CHIP 1/8W 5.1K 5%
R801	4AAA3505	R,METAL 22KH 5% 1/16W
R802	4AAA3497	R,METAL 10KH 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
R803	4ABE2083	R SMD METAL 1/16W 27K F
R805	4ABE2082	R SMD METAL 1/16W 24K F
R806	4AAA3513	R,METAL 47KH 5% 1/16W
R807	4AAA3497	R,METAL 10KH 5% 1/16W
R808	4AAA3497	R,METAL 10KH 5% 1/16W
R809	4AAA3497	R,METAL 10KH 5% 1/16W
R811	4AAA3449	R,METAL 100H 5% 1/16W
R812	4AAA3449	R,METAL 100H 5% 1/16W
R813	4AAA3437	R,METAL 33H 5% 1/16W
R814	4AAA3437	R,METAL 33H 5% 1/16W
R815	4AAA3437	R,METAL 33H 5% 1/16W
R816	4AAA3437	R,METAL 33H 5% 1/16W
R818	4AAA3437	R,METAL 33H 5% 1/16W
R819	4AAA3437	R,METAL 33H 5% 1/16W
R820	4AAA3437	R,METAL 33H 5% 1/16W
R821	4AAA3449	R,METAL 100H 5% 1/16W
R822	4AAA3449	R,METAL 100H 5% 1/16W
R823	4AAA3449	R,METAL 100H 5% 1/16W
R826	4AAA3449	R,METAL 100H 5% 1/16W
R827	4AAA3449	R,METAL 100H 5% 1/16W
R828	4AAA3513	R,METAL 47KH 5% 1/16W
R829	4AAA3513	R,METAL 47KH 5% 1/16W
R830	4AAA3513	R,METAL 47KH 5% 1/16W
R831	4AAA3449	R,METAL 100H 5% 1/16W
R832	4AAA3449	R,METAL 100H 5% 1/16W
R833	4AAA3449	R,METAL 100H 5% 1/16W
R834	4AAA3513	R,METAL 47KH 5% 1/16W
R838	4AAA3437	R,METAL 33H 5% 1/16W
R839	4AAA3449	R,METAL 100H 5% 1/16W
R840	4AAA3449	R,METAL 100H 5% 1/16W
R841	4AAA3449	R,METAL 100H 5% 1/16W
R842	4AAA3513	R,METAL 47KH 5% 1/16W
R844	4AAA3513	R,METAL 47KH 5% 1/16W
R845	4AAA3513	R,METAL 47KH 5% 1/16W
R846	4AAA3505	R,METAL 22KH 5% 1/16W
R849	4ABE2079	R SMD METAL 1/16W 18K F
R850	4ABE2109	R SMD METAL 1/16W 220K F
R883	4AAA3505	R,METAL 22KH 5% 1/16W
R885	4AAA3505	R,METAL 22KH 5% 1/16W
R886	4AAA3505	R,METAL 22KH 5% 1/16W
R887	4AAA3505	R,METAL 22KH 5% 1/16W
R889	4AAA3505	R,METAL 22KH 5% 1/16W
R890	4AAA3505	R,METAL 22KH 5% 1/16W
R891	4AAA3505	R,METAL 22KH 5% 1/16W
R8A2	4AKG1037	R,CHIP 33H 5% 1W
R8A4	4AAA3449	R,METAL 100H 5% 1/16W
R8A5	4AAA3449	R,METAL 100H 5% 1/16W
R8A6	4AAA3513	R,METAL 47KH 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
R8A7	4AAA3513	R,METAL 47KH 5% 1/16W
R8AA	4AAA3513	R,METAL 47KH 5% 1/16W
R8AE	4AAA3513	R,METAL 47KH 5% 1/16W
R8AL	4AAA3513	R,METAL 47KH 5% 1/16W
R8AX	4AAA3513	R,METAL 47KH 5% 1/16W
R8AY	4AAA3513	R,METAL 47KH 5% 1/16W
R8E1	4AAA3513	R,METAL 47KH 5% 1/16W
R8E7	4AAA3513	R,METAL 47KH 5% 1/16W
R8E8	4AAA3513	R,METAL 47KH 5% 1/16W
R8E9	4AAA3513	R,METAL 47KH 5% 1/16W
R8EA	4AAA3513	R,METAL 47KH 5% 1/16W
R8EF	4AAA3513	R,METAL 47KH 5% 1/16W
R8F2	4AKG1037	R,CHIP 33H 5% 1W
R8F3	4AAA3497	R,METAL 10KH 5% 1/16W
R8F4	4AAA3449	R,METAL 100H 5% 1/16W
R8F5	4AAA3449	R,METAL 100H 5% 1/16W
R8F6	4AAA3513	R,METAL 47KH 5% 1/16W
R8F7	4AAA3513	R,METAL 47KH 5% 1/16W
R8FX	4AAA3513	R,METAL 47KH 5% 1/16W
R8FY	4AAA3513	R,METAL 47KH 5% 1/16W
R8G2	4AKG1037	R,CHIP 33H 5% 1W
R8G3	4AAA3497	R,METAL 10KH 5% 1/16W
R8G4	4AAA3449	R,METAL 100H 5% 1/16W
R8G5	4AAA3449	R,METAL 100H 5% 1/16W
R901	4AAA1060	R SMD METAL 1/8W 470K J
R902	4AAA1060	R SMD METAL 1/8W 470K J
R903	4AAA1060	R SMD METAL 1/8W 470K J
R904	4AAA1064	R SMD METAL 1/8W 1M J
R905	4AAA1064	R SMD METAL 1/8W 1M J
R906	4AAA1064	R SMD METAL 1/8W 1M J
R907	4A231049	R METAL 2W 100K J
R908	4AKE1032	R SMD METAL 1/4W 2.2K J
R909	4A231074	R METAL 2W 0.33 J
R910	4AKB1044	R SMD METAL 1/10W 22K J
R911	4AKB7002	R SMD METAL 1/10W 4.7 K
R912	4AAA2073	R SMD METAL 1/8W 10K F
R913	4AKB2126	R SMD METAL 1/10W 680 F
R914	4AKB1052	R SMD METAL 1/10W 100K J
R915	4A0E1089	R CARBON 1/4W 5.6 J
R916	4AKB1020	R SMD METAL 1/10W 220 J
R917	4AKB1024	R SMD METAL 1/10W 470 J
R918	4AKB1016	R SMD METAL 1/10W 100 J
R920	4AKB1040	R SMD METAL 1/10W 10K J
R921	4AKB1046	R SMD METAL 1/10W 33K J
R922	4AAA1046	R SMD METAL 1/8W 33K J
R923	4AKB1040	R SMD METAL 1/10W 10K J
R924	4AKB1040	R SMD METAL 1/10W 10K J
R925	4AKB1046	R SMD METAL 1/10W 33K J

SYMBOL	PART NO	DESCRIPTION
R926	4AKB2171	R SMD METAL 1/10W 9.1K F
R927	4AKB1052	R SMD METAL 1/10W 100K J
R928	4AKB2140	R SMD METAL 1/10W 10K F
R929	4AKB1040	R SMD METAL 1/10W 10K J
R931	4AKB1044	R SMD METAL 1/10W 22K J
R933	4AKB1052	R SMD METAL 1/10W 100K J
R934	4AKB1040	R SMD METAL 1/10W 10K J
R935	4AAA1064	R SMD METAL 1/8W 1M J
R936	4AAA1064	R SMD METAL 1/8W 1M J
R937	4AAA1064	R SMD METAL 1/8W 1M J
R951	4AKB1029	R SMD METAL 1/10W 1.2K J
R952	4AKB2176	R SMD METAL 1/10W 7.5K F
R953	4AKB2165	R SMD METAL 1/10W 6.2K F
R954	4AKB2132	R SMD METAL 1/10W 2.2K F
R955	4AKB1072	R SMD METAL 1/10W 0OHM
R956	4AKB1028	R SMD METAL 1/10W 1K J
R9A2	4A221045	R METAL 1W 47K J
R9A3	4AKB1009	R SMD METAL 1/10W 27 J
R9A4	4AAA1028	R SMD METAL 1/8W 1K J
R9A5	4AKB1035	R SMD METAL 1/10W 3.9K J
R9A6	4AKB1072	R SMD METAL 1/10W 0OHM
R9A7	4AKB1040	R SMD METAL 1/10W 10K J
R9A8	4AAA1016	R SMD METAL 1/8W 100 J
R9E1	4AKB1016	R SMD METAL 1/10W 100 J
R9E2	4AKB2128	R SMD METAL 1/10W 1K F
R9E3	4AKB1008	R SMD METAL 1/10W 22 J
R9E4	4AKB2128	R SMD METAL 1/10W 1K F
R9E6	4AKB1072	R SMD METAL 1/10W 0OHM
R9E7	4AKB1035	R SMD METAL 1/10W 3.9K J
R9X1	4AAA3153	R,CHIP 1/8W 2.2M 5%
R9X2	4AAA3153	R,CHIP 1/8W 2.2M 5%
R9X4	4AKB1046	R SMD METAL 1/10W 33K J
R9X5	4AAA3342	R,CHIP 1/8W 750K 1%
R9X6	4AAA3342	R,CHIP 1/8W 750K 1%
R9X7	4AAA3341	R,CHIP 1/8W 680K 1%
R9X8	4AKB2144	R SMD METAL 1/10W 22K F
R9X9	4AAA1044	R SMD METAL 1/8W 22K J
R9Y1	4AKB1028	R SMD METAL 1/10W 1K J
R9Y2	4AKB1016	R SMD METAL 1/10W 100 J
R9Y3	4A231074	R METAL 2W 0.33 J
RA03	4AAA3437	R,METAL 33H 5% 1/16W
RA04	4AAA3437	R,METAL 33H 5% 1/16W
RA05	4AAA3437	R,METAL 33H 5% 1/16W
RA06	4AAA3437	R,METAL 33H 5% 1/16W
RA07	4AAA3481	R,METAL 2.2KH 5% 1/16W
RA08	4AAA3481	R,METAL 2.2KH 5% 1/16W
RA11	4AAA3425	R,METAL 10H 5% 1/16W
RA12	4AAA3425	R,METAL 10H 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
RA19	4AAA3437	R,METAL 33H 5% 1/16W
RA20	4AAA3437	R,METAL 33H 5% 1/16W
RA21	4AAA3437	R,METAL 33H 5% 1/16W
RA22	4AAA3437	R,METAL 33H 5% 1/16W
RA23	4AAA3437	R,METAL 33H 5% 1/16W
RA24	4AAA3437	R,METAL 33H 5% 1/16W
RA27	4AAA3449	R,METAL 100H 5% 1/16W
RA28	4AAA3449	R,METAL 100H 5% 1/16W
RA29	4AAA3449	R,METAL 100H 5% 1/16W
RA30	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA34	4AAA3497	R,METAL 10KH 5% 1/16W
RA37	4AAA3437	R,METAL 33H 5% 1/16W
RA43	4AAA3497	R,METAL 10KH 5% 1/16W
RA44	4AAA3497	R,METAL 10KH 5% 1/16W
RA4A	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA4E	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA70A	4AAA3505	R,METAL 22KH 5% 1/16W
RA70B	4ABE2022	R SMD METAL 1/16W 75 F
RA70G	4ABE2022	R SMD METAL 1/16W 75 F
RA70R	4ABE2022	R SMD METAL 1/16W 75 F
RA71A	4AAA3449	R,METAL 100H 5% 1/16W
RA71B	4AAA3497	R,METAL 10KH 5% 1/16W
RA71G	4AAA3497	R,METAL 10KH 5% 1/16W
RA71R	4AAA3497	R,METAL 10KH 5% 1/16W
RA72A	4AAA3461	R,METAL 330H 5% 1/16W
RA72B	4AAA3501	R,METAL 15KH 5% 1/16W
RA72G	4AAA3501	R,METAL 15KH 5% 1/16W
RA72R	4AAA3501	R,METAL 15KH 5% 1/16W
RA73A	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA73B	4AAA3449	R,METAL 100H 5% 1/16W
RA73G	4AAA3449	R,METAL 100H 5% 1/16W
RA73R	4AAA3449	R,METAL 100H 5% 1/16W
RA74A	4ABE2033	R SMD METAL 1/16W 220 F
RA74B	4AAA3461	R,METAL 330H 5% 1/16W
RA74G	4AAA3461	R,METAL 330H 5% 1/16W
RA74R	4AAA3461	R,METAL 330H 5% 1/16W
RA75A	4ABE2042	R SMD METAL 1/16W 510 F
RA75B	4AAA3441	R,METAL 47H 5% 1/16W
RA75G	4AAA3441	R,METAL 47H 5% 1/16W
RA75R	4AAA3441	R,METAL 47H 5% 1/16W
RA76A	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA76B	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA76G	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA76R	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA77A	4AAA3471	R,METAL 820H 5% 1/16W
RA77B	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA77G	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA77R	4AAA3473	R,METAL 1.0KH 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
RA78A	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA78B	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA78G	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA78R	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA79A	4AAA3449	R,METAL 100H 5% 1/16W
RA79B	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA79G	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA79R	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA7AA	4AAA3449	R,METAL 100H 5% 1/16W
RA7AB	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA7AG	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA7AR	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA7EA	4AAA3485	R,METAL 3.3KH 5% 1/16W
RA7HB	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA7HG	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA7HR	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA7LA	4AAA3400	R,METAL 0.0H 5% 1/16W
RA80B	4ABE2022	R SMD METAL 1/16W 75 F
RA80G	4ABE2022	R SMD METAL 1/16W 75 F
RA80R	4ABE2022	R SMD METAL 1/16W 75 F
RA81B	4AAA3497	R,METAL 10KH 5% 1/16W
RA81G	4AAA3497	R,METAL 10KH 5% 1/16W
RA81R	4AAA3497	R,METAL 10KH 5% 1/16W
RA82A	4AAA3461	R,METAL 330H 5% 1/16W
RA82B	4AAA3501	R,METAL 15KH 5% 1/16W
RA82G	4AAA3501	R,METAL 15KH 5% 1/16W
RA82R	4AAA3501	R,METAL 15KH 5% 1/16W
RA83	4AAA3437	R,METAL 33H 5% 1/16W
RA83A	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA83B	4AAA3449	R,METAL 100H 5% 1/16W
RA83G	4AAA3449	R,METAL 100H 5% 1/16W
RA83R	4AAA3449	R,METAL 100H 5% 1/16W
RA84	4AAA3437	R,METAL 33H 5% 1/16W
RA84A	4ABE2033	R SMD METAL 1/16W 220 F
RA84B	4AAA3461	R,METAL 330H 5% 1/16W
RA84G	4AAA3461	R,METAL 330H 5% 1/16W
RA84R	4AAA3461	R,METAL 330H 5% 1/16W
RA85A	4ABE2042	R SMD METAL 1/16W 510 F
RA85B	4AAA3441	R,METAL 47H 5% 1/16W
RA85G	4AAA3441	R,METAL 47H 5% 1/16W
RA85R	4AAA3441	R,METAL 47H 5% 1/16W
RA86	4AAA3481	R,METAL 2.2KH 5% 1/16W
RA86A	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA86B	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA86G	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA86R	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA87	4AAA3481	R,METAL 2.2KH 5% 1/16W
RA87A	4AAA3471	R,METAL 820H 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
RA87B	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA87G	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA87R	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA88A	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA88B	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA88G	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA88R	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA89A	4AAA3449	R,METAL 100H 5% 1/16W
RA89B	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA89G	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA89R	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA8AA	4AAA3449	R,METAL 100H 5% 1/16W
RA8AB	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA8AG	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA8AR	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA8EA	4AAA3485	R,METAL 3.3KH 5% 1/16W
RA8HB	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA8HG	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA8HR	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA8KA	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA8LA	4AAA3400	R,METAL 0.0H 5% 1/16W
RAA3	4AAA3465	R,METAL 470H 5% 1/16W
RAA4	4AAA3481	R,METAL 2.2KH 5% 1/16W
RAA5	4AAA3493	R,METAL 6.8KH 5% 1/16W
RAA6	4AAA3505	R,METAL 22KH 5% 1/16W
RAE3	4AAA3431	R,METAL 18H 5% 1/16W
RAE4	4AAA3437	R,METAL 33H 5% 1/16W
RAE5	4AAA3437	R,METAL 33H 5% 1/16W
RAE6	4AAA3437	R,METAL 33H 5% 1/16W
RAFH	4AAA3425	R,METAL 10H 5% 1/16W
RAFK	4AAA3425	R,METAL 10H 5% 1/16W
RAH1	4AAA3527	R,METAL 180KH 5% 1/16W
RAH2	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAH3	4AAA3453	R,METAL 150H 5% 1/16W
RAH3	4ABE2029	R SMD METAL 1/16W 150 F
RAH5	4AAA3527	R,METAL 180KH 5% 1/16W
RAH6	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAH7	4AAA3453	R,METAL 150H 5% 1/16W
RAH7	4ABE2029	R SMD METAL 1/16W 150 F
RAM1	4AAA3497	R,METAL 10KH 5% 1/16W
RAM2	4AAA3497	R,METAL 10KH 5% 1/16W
RAM3	4AAA3503	R,METAL 18KH 5% 1/16W
RAM4	4AAA3503	R,METAL 18KH 5% 1/16W
RAM5	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAM6	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAM7	4AAA3483	R,METAL 2.7KH 5% 1/16W
RAM8	4AAA3483	R,METAL 2.7KH 5% 1/16W
RAN1	4AAA3441	R,METAL 47H 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
RAN2	4AAA3441	R,METAL 47H 5% 1/16W
RAN3	4AAA3517	R,METAL 68KH 5% 1/16W
RAN4	4AAA3517	R,METAL 68KH 5% 1/16W
RAN5	4AAA3527	R,METAL 180KH 5% 1/16W
RAN6	4AAA3527	R,METAL 180KH 5% 1/16W
RAN7	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAN8	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAN9	4AAA3449	R,METAL 100H 5% 1/16W
RANA	4AAA3449	R,METAL 100H 5% 1/16W
RK01	4AAA3463	R,METAL 390H 5% 1/16W
RK07	4AAA3443	R,METAL 56H 5% 1/16W
RK08	4AAA3437	R,METAL 33H 5% 1/16W
RK09	4AAA3513	R,METAL 47KH 5% 1/16W
RK0A	4AAA3513	R,METAL 47KH 5% 1/16W
RK10	4AAA3513	R,METAL 47KH 5% 1/16W
RK11	4AAA3400	R,METAL 0.0H 5% 1/16W
RK16	4AAA3463	R,METAL 390H 5% 1/16W
RK22	4AAA3443	R,METAL 56H 5% 1/16W
RK23	4AAA3437	R,METAL 33H 5% 1/16W
RK24	4AAA3513	R,METAL 47KH 5% 1/16W
RK25	4AAA3513	R,METAL 47KH 5% 1/16W
RK26	4AAA3400	R,METAL 0.0H 5% 1/16W
RK2A	4AAA3513	R,METAL 47KH 5% 1/16W
RK2E	4AAA3513	R,METAL 47KH 5% 1/16W
RKAE	4AAA3513	R,METAL 47KH 5% 1/16W
RKF1	4ABE2042	R SMD METAL 1/16W 510 F
RKF2	4ABE2042	R SMD METAL 1/16W 510 F
RKF6	4ABE2059	R SMD METAL 1/16W 2.7K F
RKF7	4AAA3449	R,METAL 100H 5% 1/16W
RKF8	4AAA3513	R,METAL 47KH 5% 1/16W
RKF9	4AAA3449	R,METAL 100H 5% 1/16W

*** CAPACITORS ***

C151	5ADK1049	C SMD CER 2C 390P 50V J
C152	5ACK1002	C,CERAMIC 6.3V 1UF
C153	5AHK3546	CE734W1E4R7M-T(WT)
C154	5AFK0230	C SMD CER 1U 10V M
C15A	5AFK0216	C SMD CER 10U 6.3V M
C201	5AFK0261	C SMD CER 22UF 6.3V M
C221	5AHK5001	C SMD ELE105 100U 10V M
C222	5AFK0216	C SMD CER 10U 6.3V M
C223	5AHK2961	C 16V 330UF
C224	5AHK0711	C SMD ELE105 10U 16V M
C225	5ACK1363	C SMD CER F1 0.1U 25V Z
C226	5ACK1363	C SMD CER F1 0.1U 25V Z
C22E	5ACK1363	C SMD CER F1 0.1U 25V Z
C261	5ACK1363	C SMD CER F1 0.1U 25V Z
C263	5AHK0711	C SMD ELE105 10U 16V M

SYMBOL	PART NO	DESCRIPTION
C265	5ACK1363	C SMD CER F1 0.1U 25V Z
C26A	5ACK1363	C SMD CER F1 0.1U 25V Z
C271	5AFK0261	C SMD CER 22UF 6.3V M
C273	5ACK1363	C SMD CER F1 0.1U 25V Z
C274	5ACK1363	C SMD CER F1 0.1U 25V Z
C275	5ACK1363	C SMD CER F1 0.1U 25V Z
C276	5ACK1363	C SMD CER F1 0.1U 25V Z
C277	5AFK0216	C SMD CER 10U 6.3V M
C278	5AFK0216	C SMD CER 10U 6.3V M
C27E	5ACK1002	C,CERAMIC 6.3V 1UF
C281	5AFK0261	C SMD CER 22UF 6.3V M
C2A2	5ACK1363	C SMD CER F1 0.1U 25V Z
C2A3	5ACK1363	C SMD CER F1 0.1U 25V Z
C2A4	5AHK5021	C SMD ELE105 22U 25V M
C2A5	5AHK2961	C 16V 330UF
C2E1	5ACK1363	C SMD CER F1 0.1U 25V Z
C2M1	5AHK5024	C SMD ELE105 100U 25V M
C2M2	5ACK0106	C SMD BJ 0.047U 25V K
C2M3	5ACK1118	C SMD B1 2700P 50V K
C2M4	5ACK1363	C SMD CER F1 0.1U 25V Z
C2M5	5ACK1363	C SMD CER F1 0.1U 25V Z
C2M6	5AHK2969	CE04W1C681M-HTATS
C409	5AFK0216	C SMD CER 10U 6.3V M
C410	5ACK1363	C SMD CER F1 0.1U 25V Z
C411	5ACK1363	C SMD CER F1 0.1U 25V Z
C412	5ACK1363	C SMD CER F1 0.1U 25V Z
C413	5ACK1363	C SMD CER F1 0.1U 25V Z
C414	5ACK1363	C SMD CER F1 0.1U 25V Z
C415	5ACK1363	C SMD CER F1 0.1U 25V Z
C416	5ACK1363	C SMD CER F1 0.1U 25V Z
C417	5ACK1363	C SMD CER F1 0.1U 25V Z
C418	5ACK1363	C SMD CER F1 0.1U 25V Z
C419	5ACK1363	C SMD CER F1 0.1U 25V Z
C420	5ACK1363	C SMD CER F1 0.1U 25V Z
C421	5ACK1363	C SMD CER F1 0.1U 25V Z
C422	5ACK1363	C SMD CER F1 0.1U 25V Z
C423	5ACK1363	C SMD CER F1 0.1U 25V Z
C424	5ACK1363	C SMD CER F1 0.1U 25V Z
C425	5AFK0216	C SMD CER 10U 6.3V M
C426	5ACK1363	C SMD CER F1 0.1U 25V Z
C427	5ACK1363	C SMD CER F1 0.1U 25V Z
C428	5ACK1363	C SMD CER F1 0.1U 25V Z
C429	5ACK1363	C SMD CER F1 0.1U 25V Z
C430	5ACK1363	C SMD CER F1 0.1U 25V Z
C431	5ACK1363	C SMD CER F1 0.1U 25V Z
C432	5ACK1363	C SMD CER F1 0.1U 25V Z
C433	5ACK1363	C SMD CER F1 0.1U 25V Z
C434	5ACK1363	C SMD CER F1 0.1U 25V Z

SYMBOL	PART NO	DESCRIPTION
C443	5AFK0216	C SMD CER 10U 6.3V M
C444	5AFK0216	C SMD CER 10U 6.3V M
C451	5ACK1363	C SMD CER F1 0.1U 25V Z
C452	5AFK0216	C SMD CER 10U 6.3V M
C454	5ADK1007	C SMD CER 2C 10P 50V D
C455	5ADK1007	C SMD CER 2C 10P 50V D
C458	5ACK1363	C SMD CER F1 0.1U 25V Z
C459	5ACK1363	C SMD CER F1 0.1U 25V Z
C45F	5ACK1363	C SMD CER F1 0.1U 25V Z
C4A2	5AHK0711	C SMD ELE105 10U 16V M
C4A4	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E0	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E1	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E2	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E3	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E4	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E5	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E6	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E7	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E8	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E9	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F0	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F1	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F2	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F3	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F4	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F5	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F6	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F7	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F8	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F9	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FA	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FE	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FF	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FH	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FJ	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FK	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FL	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FM	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FMZ	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FN	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FP	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FQ	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FR	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FS	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FT	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FW	5AHK0711	C SMD ELE105 10U 16V M
C4FY	5ACK1363	C SMD CER F1 0.1U 25V Z

SYMBOL	PART NO	DESCRIPTION
C551	5ACK1363	C SMD CER F1 0.1U 25V Z
C552	5ACK1363	C SMD CER F1 0.1U 25V Z
C553	5ACK1363	C SMD CER F1 0.1U 25V Z
C554	5ACK1363	C SMD CER F1 0.1U 25V Z
C555	5ACK1363	C SMD CER F1 0.1U 25V Z
C556	5ACK1363	C SMD CER F1 0.1U 25V Z
C561	5ACK1363	C SMD CER F1 0.1U 25V Z
C562	5ACK1363	C SMD CER F1 0.1U 25V Z
C563	5ACK1363	C SMD CER F1 0.1U 25V Z
C564	5ACK1363	C SMD CER F1 0.1U 25V Z
C565	5ACK1363	C SMD CER F1 0.1U 25V Z
C566	5ACK1363	C SMD CER F1 0.1U 25V Z
C801	5ACK1363	C SMD CER F1 0.1U 25V Z
C802	5ACK1213	C SMD CER B1 0.1U 16V K
C805	5ACK1363	C SMD CER F1 0.1U 25V Z
C806	5ACK1363	C SMD CER F1 0.1U 25V Z
C807	5ACK1363	C SMD CER F1 0.1U 25V Z
C808	5ACK1363	C SMD CER F1 0.1U 25V Z
C809	5ACK1363	C SMD CER F1 0.1U 25V Z
C810	5ACK1363	C SMD CER F1 0.1U 25V Z
C811	5ACK1363	C SMD CER F1 0.1U 25V Z
C812	5ACK1363	C SMD CER F1 0.1U 25V Z
C813	5ACK1363	C SMD CER F1 0.1U 25V Z
C815	5ACK1363	C SMD CER F1 0.1U 25V Z
C818	5ACK1363	C SMD CER F1 0.1U 25V Z
C819	5ACK1363	C SMD CER F1 0.1U 25V Z
C820	5ACK1213	C SMD CER B1 0.1U 16V K
C821	5ACK1213	C SMD CER B1 0.1U 16V K
C8A1	5ACK1363	C SMD CER F1 0.1U 25V Z
C8A2	5ACK1363	C SMD CER F1 0.1U 25V Z
C8E1	5ACK1363	C SMD CER F1 0.1U 25V Z
C901	5A200105	C SAFE X 0.47U AC275V K
C902	5A200105	C SAFE X 0.47U AC275V K
C905	5A500983	C CER 400V 1000
C906	5A805119	C ELE105 120U 450V
C907	5A1BA501	C FILM MM 0.01U 400V
C910	5A9K0059	C ELE105 22U 50V M
C911	5A8K0042	C ELE105 100U 35V M
C912	5ACK0040	C SMD CER F1 0.1U 50V Z
C913	5ADK0172	C SMD CER 2C 1000P 50V J
C914	5ADK0113	C SMD 2C 10P 50V C
C915	5ACK0108	C SMD BJ 0.1U 25V K
C920	5ACK0021	C SMD CER B1 0.01U 50V K
C925	5A1BA503	C FILM MM 0.47U 100V
C926	5ACK0115	C SMD CER BJ 1U 10V K
C927	5A8K0872	C ELE105 4.7U 50V M
C951	5A8K5132	C ELE105 1500U 25V M
C952	5A8K5132	C ELE105 1500U 25V M

SYMBOL	PART NO	DESCRIPTION
C953	5A8K5130	C ELE105 1000U 25V M
C954	5AFK0251	C SMD CER 1.0UF 16V M
C955	5A5K0123	C CER 1X 150P 1KV J
C9A2	5A8K0869	C ELE105 2.2U 50V M
C9A3	5A1BA501	C FILM MM 0.01U 400V
C9A4	5ACK0108	C SMD BJ 0.1U 25V K
C9A6	5ACK0115	C SMD CER BJ 1U 10V K
C9A7	5A8K0839	C ELE105 47U 25V M
C9E1	5A8K5112	C ELE105 2200U 10V M
C9E2	5ACK0115	C SMD CER BJ 1U 10V K
C9E3	5A8K0012	C ELE105 1000U 10V M
C9X1	5A1B1502	C FILM PMS 0.47U 400V
C9X2	5ACK0021	C SMD CER B1 0.01U 50V K
C9X3	5ACK0005	C SMD CER B1 470P 50V K
C9X4	5ACK0112	C SMD CER BJ 0.33U 16V K
C9X5	5ADK0025	C SMD CER 1X 100P 50V J
CA05	5ACK1933	C SMD CER B 0.047U 16V K
CA06	5ACK1933	C SMD CER B 0.047U 16V K
CA07	5ACK1933	C SMD CER B 0.047U 16V K
CA08	5ACK1933	C SMD CER B 0.047U 16V K
CA09	5ACK1933	C SMD CER B 0.047U 16V K
CA10	5ACK1933	C SMD CER B 0.047U 16V K
CA12	5ACK1113	C SMD CER B1 1000P 50V K
CA19	5ACK1113	C SMD CER B1 1000P 50V K
CA20	5AFK0216	C SMD CER 10U 6.3V M
CA21	5AAB1424	C 16V 8200PF
CA22	5AAB1433	C 16V 47000PF
CA23	5ACK1363	C SMD CER F1 0.1U 25V Z
CA24	5ACK1363	C SMD CER F1 0.1U 25V Z
CA25	5ACK1363	C SMD CER F1 0.1U 25V Z
CA26	5ACK1002	C,CERAMIC 6.3V 1UF
CA28	5ACK1363	C SMD CER F1 0.1U 25V Z
CA29	5ACK1363	C SMD CER F1 0.1U 25V Z
CA2A	5AAB1427	C 16V 15000PF
CA36	5ACK1363	C SMD CER F1 0.1U 25V Z
CA37	5ACK1363	C SMD CER F1 0.1U 25V Z
CA38	5ACK1363	C SMD CER F1 0.1U 25V Z
CA39	5ACK1363	C SMD CER F1 0.1U 25V Z
CA40	5ACK1363	C SMD CER F1 0.1U 25V Z
CA41	5ACK1363	C SMD CER F1 0.1U 25V Z
CA42	5ACK1363	C SMD CER F1 0.1U 25V Z
CA43	5ACK1363	C SMD CER F1 0.1U 25V Z
CA44	5ACK1363	C SMD CER F1 0.1U 25V Z
CA45	5ACK1363	C SMD CER F1 0.1U 25V Z
CA53	5AFK0216	C SMD CER 10U 6.3V M
CA67	5AFK0216	C SMD CER 10U 6.3V M
CA70A	5AFK0216	C SMD CER 10U 6.3V M
CA70B	5ACK1363	C SMD CER F1 0.1U 25V Z

SYMBOL	PART NO	DESCRIPTION
CA70G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA70R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA71B	5AFK0216	C SMD CER 10U 6.3V M
CA71G	5AFK0216	C SMD CER 10U 6.3V M
CA71R	5AFK0216	C SMD CER 10U 6.3V M
CA72A	5ACK1363	C SMD CER F1 0.1U 25V Z
CA72B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA72G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA72R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA73B	5ADK1007	C SMD CER 2C 10P 50V D
CA73G	5ADK1007	C SMD CER 2C 10P 50V D
CA73R	5ADK1007	C SMD CER 2C 10P 50V D
CA74B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA74G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA74R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA75A	5AFK0216	C SMD CER 10U 6.3V M
CA75B	5ADK1016	C SMD CER 2C 22P 50V J
CA75G	5ADK1016	C SMD CER 2C 22P 50V J
CA75R	5ADK1016	C SMD CER 2C 22P 50V J
CA76B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA76G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA76R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA77A	5ADK1029	C SMD CER 2C 68P 50V J
CA77B	5ADK1025	C SMD CER 2C 47P 50V J
CA77G	5ADK1025	C SMD CER 2C 47P 50V J
CA77R	5ADK1025	C SMD CER 2C 47P 50V J
CA78A	5ACK1363	C SMD CER F1 0.1U 25V Z
CA80A	5AFK0216	C SMD CER 10U 6.3V M
CA80B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA80G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA80R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA81B	5AFK0216	C SMD CER 10U 6.3V M
CA81G	5AFK0216	C SMD CER 10U 6.3V M
CA81R	5AFK0216	C SMD CER 10U 6.3V M
CA82B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA82G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA82R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA83B	5ADK1007	C SMD CER 2C 10P 50V D
CA83G	5ADK1007	C SMD CER 2C 10P 50V D
CA83R	5ADK1007	C SMD CER 2C 10P 50V D
CA84B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA84G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA84R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA85A	5AFK0216	C SMD CER 10U 6.3V M
CA85B	5ADK1016	C SMD CER 2C 22P 50V J
CA85G	5ADK1016	C SMD CER 2C 22P 50V J
CA85R	5ADK1016	C SMD CER 2C 22P 50V J
CA86B	5ACK1363	C SMD CER F1 0.1U 25V Z

SYMBOL	PART NO	DESCRIPTION
CA86G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA86R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA87A	5ADK1029	C SMD CER 2C 68P 50V J
CA87B	5ADK1025	C SMD CER 2C 47P 50V J
CA87G	5ADK1025	C SMD CER 2C 47P 50V J
CA87R	5ADK1025	C SMD CER 2C 47P 50V J
CA88A	5ACK1363	C SMD CER F1 0.1U 25V Z
CA90	5ACK1113	C SMD CER B1 1000P 50V K
CA91	5ACK1113	C SMD CER B1 1000P 50V K
CAA1	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA2	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA3	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA4	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA5	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA6	5AHK0711	C SMD ELE105 10U 16V M
CAH1	5ACK1002	C,CERAMIC 6.3V 1UF
CAH2	5ACK1002	C,CERAMIC 6.3V 1UF
CAH3	5ACK1123	C SMD B1 6800P 50V K
CAH4	5ACK1123	C SMD B1 6800P 50V K
CAM3	5AFK0216	C SMD CER 10U 6.3V M
CAM4	5AFK0216	C SMD CER 10U 6.3V M
CAN1	5ACK1002	C,CERAMIC 6.3V 1UF
CAN2	5ACK1002	C,CERAMIC 6.3V 1UF
CAN3	5ACK1123	C SMD B1 6800P 50V K
CAN4	5ACK1123	C SMD B1 6800P 50V K
CK01	5ACK1363	C SMD CER F1 0.1U 25V Z
CK02	5ACK1363	C SMD CER F1 0.1U 25V Z
CK03	5ACK1363	C SMD CER F1 0.1U 25V Z
CK04	5ACK1363	C SMD CER F1 0.1U 25V Z
CK05	5ACK1363	C SMD CER F1 0.1U 25V Z
CK06	5ACK1363	C SMD CER F1 0.1U 25V Z
CK07	5ACK1363	C SMD CER F1 0.1U 25V Z
CK08	5ACK1363	C SMD CER F1 0.1U 25V Z
CK09	5ADK1034	C SMD CER 2C 100P 50V J
CK10	5ADK1034	C SMD CER 2C 100P 50V J
CK11	5ADK1034	C SMD CER 2C 100P 50V J
CK12	5ADK1034	C SMD CER 2C 100P 50V J
CK13	5ADK1034	C SMD CER 2C 100P 50V J
CK14	5AFK0216	C SMD CER 10U 6.3V M
CK16	5AHK5016	C SMD ELE105 100U 16V M
CK17	5ADK1034	C SMD CER 2C 100P 50V J
CK18	5AFK0216	C SMD CER 10U 6.3V M
CK19	5ACK1363	C SMD CER F1 0.1U 25V Z
CK20	5ACK1363	C SMD CER F1 0.1U 25V Z
CK21	5ACK1363	C SMD CER F1 0.1U 25V Z
CK22	5ACK1363	C SMD CER F1 0.1U 25V Z
CK23	5ACK1363	C SMD CER F1 0.1U 25V Z
CK24	5ACK1363	C SMD CER F1 0.1U 25V Z

SYMBOL	PART NO	DESCRIPTION
CK25	5ACK1363	C SMD CER F1 0.1U 25V Z
CK26	5ACK1363	C SMD CER F1 0.1U 25V Z
CK27	5ADK1034	C SMD CER 2C 100P 50V J
CK28	5ADK1034	C SMD CER 2C 100P 50V J
CK29	5ADK1034	C SMD CER 2C 100P 50V J
CK30	5ADK1034	C SMD CER 2C 100P 50V J
CK31	5ADK1034	C SMD CER 2C 100P 50V J
CK32	5AFK0216	C SMD CER 10U 6.3V M
CK34	5AHK5016	C SMD ELE105 100U 16V M
CK35	5ADK1034	C SMD CER 2C 100P 50V J
CK36	5AFK0216	C SMD CER 10U 6.3V M
CKF1	5ACK1363	C SMD CER F1 0.1U 25V Z
CKF2	5ACK1363	C SMD CER F1 0.1U 25V Z

REPLACEMENT PARTS LIST

The components specified for Model LCD2080UX(B)

Manufactured by NMV

SYMBOL	PART NO	DESCRIPTION
*** ICS ***		
IC201	3A7KB073	IC SMD BA00BCOWFP
IC221	3A7KB045	IC SMD PQ1CZ21H2ZP
IC222	3A7KB073	IC SMD BA00BCOWFP
IC251	3A7KB070	IC SMD L4978 REGULATOR
IC271	3A7KB073	IC SMD BA00BCOWFP
IC272	3A7KB073	IC SMD BA00BCOWFP
IC2A1	3A7KB045	IC SMD PQ1CZ21H2ZP
IC401	3A775023	IC SMD PW164B
IC402	3A752045	IC SMD LHF28F800-L202EV
IC403	3A7EF036	IC SMD ICS332M-L202EV
IC405	3A7EF003	MOS SN74AHC2G125H
IC4A1	3A774007	IC SMD UPD65545-Y-6C
IC4A2	3A7EA002	IC NC7WZ14
IC4A3	3A7EA002	IC NC7WZ14
IC551	3A7EJ034	IC DS90C385MTDX
IC552	3A7EJ034	IC DS90C385MTDX
IC801	3A7KB030	IC SMD M51957AFP
IC802	3A7KB030	IC SMD M51957AFP
IC803	3A7EB005	MOS CAT24WC64JI-TE13
IC804	3A753017	IC M30625FGNGP L202EV F
IC8A1	3A7EB016	MOS BU9882F-E2
IC8A2	3A7EJ022	IC X9116WM8-2.7T4 MOS
IC8A3	3A7EJ022	IC X9116WM8-2.7T4 MOS
IC8A4	3A7EF037	IC SMD SN74CBT1G125DCK
IC8A5	3A7EF037	IC SMD SN74CBT1G125DCK
IC8F1	3A7EB016	MOS BU9882F-E2
IC901	3A709036	IC STR-E1717
IC951	3A7K9039	IC UPC1093J-T
IC9A1	3A709009	IC MIP2E2
IC9A2	3A709038	IC XN04A88
IC9E1	3A7K9039	IC UPC1093J-T
ICA01	3A754002	IC SMD AD9888KS-170
ICA70A	3A7KA024	IC SMD AD8002AR
ICAA1	3A7EA002	IC NC7WZ14
ICAA2	3A7EA002	IC NC7WZ14
ICAA3	3A7EF033	IC SMD SN74CBTLV1G125DCK
ICAA4	3A7EF033	IC SMD SN74CBTLV1G125DCK
ICAA5	3A7KJ035	IC SMD UPC1093T-E2
ICAA6	3A7EF030	IC SN74CBTLV3125PW
ICK01	3A775006	MOS TFP401
ICK02	3A775006	MOS TFP401

SYMBOL	PART NO	DESCRIPTION
*** TRANSISTORS ***		
Q101	3AEF0038	TR SMD DTC143ZKA-T146
Q102	3AEA0026	TR 2SA812-T1BM6
Q104	3AEF0038	TR SMD DTC143ZKA-T146
Q105	3AEA0026	TR 2SA812-T1BM6
Q151	3AEE0038	FET SMD 2SJ356-T1 P
Q152	3AEA0027	TR 2SA1037AK-T146 Q
Q153	3AEC0025	TR SMD 2412K R
Q154	3AEF0035	TR DTC144EKA-T146(0)
Q155	3AEF0035	TR DTC144EKA-T146(0)
Q156	3AEF0037	TR SMD DTA144EKA
Q157	3AEF0035	TR DTC144EKA-T146(0)
Q261	3AEF0035	TR DTC144EKA-T146(0)
Q262	3AEE0039	FET SMD 2SJ325-Z E2 P
Q265	3AEE0034	FET 2SK3018-T106
Q271	3AEF0035	TR DTC144EKA-T146(0)
Q272	3AEF0035	TR DTC144EKA-T146(0)
Q451	3AEA0026	TR 2SA812-T1BM6
Q452	3AEF0035	TR DTC144EKA-T146(0)
Q453	3AEF0035	TR DTC144EKA-T146(0)
Q805	3AEF0035	TR DTC144EKA-T146(0)
Q806	3AEC0053	TR SMD 2SC3734
Q807	3AEC0053	TR SMD 2SC3734
Q861	3AEE0034	FET 2SK3018-T106
Q863	3AEE0034	FET 2SK3018-T106
Q8A3	3AEF0035	TR DTC144EKA-T146(0)
Q8E1	3AEF0035	TR DTC144EKA-T146(0)
Q8E5	3AEF0035	TR DTC144EKA-T146(0)
Q8E6	3AEF0035	TR DTC144EKA-T146(0)
Q901	3A550043	FET 2SK3673-01MR
Q908	3AEE0044	FET 2SK2715 P
Q911	3AEA0027	TR 2SA1037AK-T146 Q
Q912	3AEC0025	TR SMD 2412K R
Q913	3AEC0025	TR SMD 2412K R
Q930	3AEF0035	TR DTC144EKA-T146(0)
Q931	3A5C0054	TR 2SC5562
Q932	3AEF0035	TR DTC144EKA-T146(0)
Q933	3AEF0040	TR SMD DTB114EK
Q9E1	3AEF0035	TR DTC144EKA-T146(0)
QA70A	3AEF0035	TR DTC144EKA-T146(0)
QA70B	3AEC0052	TR SMD 2SC3356(M)
QA70G	3AEC0052	TR SMD 2SC3356(M)
QA70R	3AEC0052	TR SMD 2SC3356(M)
QA71A	3AEE0038	FET SMD 2SJ356-T1 P
QA71B	3AEF0037	TR SMD DTA144EKA
QA71G	3AEF0037	TR SMD DTA144EKA
QA71R	3AEF0037	TR SMD DTA144EKA

SYMBOL	PART NO	DESCRIPTION
QA72A	3AEF0037	TR SMD DTA144EKA
QA72B	3AEF0037	TR SMD DTA144EKA
QA72G	3AEF0037	TR SMD DTA144EKA
QA72R	3AEF0037	TR SMD DTA144EKA
QA73B	3AEF0037	TR SMD DTA144EKA
QA73G	3AEF0037	TR SMD DTA144EKA
QA73R	3AEF0037	TR SMD DTA144EKA
QA80B	3AEC0052	TR SMD 2SC3356(M)
QA80G	3AEC0052	TR SMD 2SC3356(M)
QA80R	3AEC0052	TR SMD 2SC3356(M)
QA81B	3AEF0037	TR SMD DTA144EKA
QA81G	3AEF0037	TR SMD DTA144EKA
QA81R	3AEF0037	TR SMD DTA144EKA
QA82B	3AEF0037	TR SMD DTA144EKA
QA82G	3AEF0037	TR SMD DTA144EKA
QA82R	3AEF0037	TR SMD DTA144EKA
QA83B	3AEF0037	TR SMD DTA144EKA
QA83G	3AEF0037	TR SMD DTA144EKA
QA83R	3AEF0037	TR SMD DTA144EKA
QAA1	3AEF0035	TR DTC144EKA-T146(0)
QAH1	3AEA0028	TR SMD 2SA1434-TB
QAH2	3AEA0028	TR SMD 2SA1434-TB
QAM1	3AEC0053	TR SMD 2SC3734
QAM2	3AEC0053	TR SMD 2SC3734
QAN1	3AEA0028	TR SMD 2SA1434-TB
QAN2	3AEA0028	TR SMD 2SA1434-TB
QKF1	3AEA0027	TR 2SA1037AK-T146 Q

*** DIODES ***

D151	3AFK1009	DI SMD 1SS355 TE-17
D152	3AFA0029	DI RB715F-T106
D221	3AFK9002	DI SFPB-64
D222	3AFK1009	DI SMD 1SS355 TE-17
D271	3AFK1009	DI SMD 1SS355 TE-17
D272	3AFK1009	DI SMD 1SS355 TE-17
D273	3AFK1009	DI SMD 1SS355 TE-17
D274	3AFA0112	DI SMD RB495D
D275	3AFA0112	DI SMD RB495D
D2A1	3AFK9002	DI SFPB-64
D2M1	3AFK9002	DI SFPB-64
D901	3A609011	DI D3SBA60
D902	3A6A0075	DI RM10A
D907	3A6A0120	DI EG01CV1-T
D911	3A6C0022	DI SMD 1SR156-400
D912	3AFK1006	DI MA2Z001
D913	3AFK9010	DI DG1M3
D914	3AFK9010	DI DG1M3
D915	3AFK1006	DI MA2Z001

SYMBOL	PART NO	DESCRIPTION
D930	3AFK1009	DI SMD 1SS355 TE-17
D951	3A610091	DI FMX-22S
D9A1	3A6A0120	DI EG01CV1-T
D9A2	3AFK1006	DI MA2Z001
D9E1	3A609003	DI RK39(LF-C1)
D9X1	3A610069	DI FMG-G26S
D9X2	3AFC0001	DI SFPL-52
DA01	3AFK1008	DI SMD DAN217 T146
DA02	3AFK1008	DI SMD DAN217 T146
DA03	3AFK1008	DI SMD DAN217 T146
DA04	3AFK1009	DI SMD 1SS355 TE-17
DA11	3AFK1008	DI SMD DAN217 T146
DA12	3AFK1008	DI SMD DAN217 T146
DA13	3AFK1008	DI SMD DAN217 T146
DA70A	3A6K1005	DI 1SS356
DA71B	3A6K1005	DI 1SS356
DA71G	3A6K1005	DI 1SS356
DA71R	3A6K1005	DI 1SS356
DA72B	3A6K1005	DI 1SS356
DA72G	3A6K1005	DI 1SS356
DA72R	3A6K1005	DI 1SS356
DA73B	3A6K1005	DI 1SS356
DA73G	3A6K1005	DI 1SS356
DA73R	3A6K1005	DI 1SS356
DA80A	3A6K1005	DI 1SS356
DA81B	3A6K1005	DI 1SS356
DA81G	3A6K1005	DI 1SS356
DA81R	3A6K1005	DI 1SS356
DA82B	3A6K1005	DI 1SS356
DA82G	3A6K1005	DI 1SS356
DA82R	3A6K1005	DI 1SS356
DA83B	3A6K1005	DI 1SS356
DA83G	3A6K1005	DI 1SS356
DA83R	3A6K1005	DI 1SS356
ZD8G2	3AFK5505	DI STZ6.2N
ZD908	3AFK5741	ZD SMD UDZS 7.5B TE-17
ZD910	3AFK6102	ZD SMD UDZS27B
ZD917	3AFK6101	ZD SMD UDZS18B
ZD918	3AFK5742	ZD SMD UDZS 5.1B TE-17
ZD919	3AFK6100	ZD SMD UDZS4.7B
ZD920	3AFK6102	ZD SMD UDZS27B
ZD930	3AFK5741	ZD SMD UDZS 7.5B TE-17
ZD9A4	3AFK6101	ZD SMD UDZS18B
ZDA01	3AFK5506	DI NNCD6.2MG
ZDA11	3AFK5506	DI NNCD6.2MG

*** TRANSFORMERS ***

T901	4A530011	TRANS SWITH ST-1102A
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SYMBOL	PART NO	DESCRIPTION
T9A1	4A530007	SWTCHING TRANS L2.3MH

*** RELAYS & SWITCHES ***

SW901	6A530001	SWITCH,SEESAW SDDJE12400
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*** PWB ASSYS ***

X01	8BEV1M01	ASSY-PWB-MAIN
X02	8BEV1P01	ASSY-PWB-POWER
X7A01	7A930026	SKD LCD2080UX INVERTER

*** COILS & FILTERS ***

FL203	6AAK2004	FILTER,NOISE
FL2M1	6AAK2004	FILTER,NOISE
FL901	6A101870	L FILTER LFZ28H05
IN901	4A660003	LINE FILTER 03ME3G
L115	6AAK2070	L BEAD SMD BK1608LM252
L116	6AAK2070	L BEAD SMD BK1608LM252
L117	6AAK2070	L BEAD SMD BK1608LM252
L118	6AAK2070	L BEAD SMD BK1608LM252
L119	6AAK2070	L BEAD SMD BK1608LM252
L120	6AAK2070	L BEAD SMD BK1608LM252
L121	6AAK2070	L BEAD SMD BK1608LM252
L122	6AAK2070	L BEAD SMD BK1608LM252
L123	6AAK2070	L BEAD SMD BK1608LM252
L125	6AAK2070	L BEAD SMD BK1608LM252
L221	6AAK2005	CHIP COIL FBMH3216HM501NT
L222	6AAK2005	CHIP COIL FBMH3216HM501NT
L223	6AAK2107	SLF10145T-101M1R0
L261	6AAK2005	CHIP COIL FBMH3216HM501NT
L262	6AAK2311	COIL BEAD FBMH4525HM102NT
L263	6AAK2005	CHIP COIL FBMH3216HM501NT
L271	6AAK2005	CHIP COIL FBMH3216HM501NT
L272	6AAK2005	CHIP COIL FBMH3216HM501NT
L2A1	6AAK2107	SLF10145T-101M1R0
L2A2	6AAK2005	CHIP COIL FBMH3216HM501NT
L2M1	6A1K1867	L NOISE FILTER SMD 100UH
L405	6AAK2005	CHIP COIL FBMH3216HM501NT
L406	6AAK2005	CHIP COIL FBMH3216HM501NT
L451	6AAK2070	L BEAD SMD BK1608LM252
L452	6AAK2010	FERRITE,CHIP BK1608HS800-
L453	6AAK2010	FERRITE,CHIP BK1608HS800-
L454	6AAK2070	L BEAD SMD BK1608LM252
L459	6AAK2070	L BEAD SMD BK1608LM252
L4A1	6AAK2070	L BEAD SMD BK1608LM252
L4A2	6AAK2005	CHIP COIL FBMH3216HM501NT
L4A3	6AAK2005	CHIP COIL FBMH3216HM501NT
L4A4	6AAK2369	L BEAD SMD BKP1608HS330
L4A5	6AAK2369	L BEAD SMD BKP1608HS330

SYMBOL	PART NO	DESCRIPTION
L551	6AAK2080	L BEAD SMD BK1608HS601
L552	6AAK2080	L BEAD SMD BK1608HS601
L553	6AAK2080	L BEAD SMD BK1608HS601
L561	6AAK2080	L BEAD SMD BK1608HS601
L562	6AAK2080	L BEAD SMD BK1608HS601
L563	6AAK2080	L BEAD SMD BK1608HS601
L951	6A101868	L SBC7-100-532
L9A1	6AAK2162	LEMC3225T101K
L9E1	6A1K2124	L CHOKE 10UH 3.7A TSL1112
L9X1	6A101869	L PFC COIL 77A-2702
L9X2	6A109001	L CHOKE 72UH 2A
LAA3	6AAK2369	L BEAD SMD BKP1608HS330
LAA4	6AAK2369	L BEAD SMD BKP1608HS330
LAA5	6AAK2369	L BEAD SMD BKP1608HS330
LAA6	6AAK2369	L BEAD SMD BKP1608HS330
LAA7	6AAK2369	L BEAD SMD BKP1608HS330
LAH1	6AAK2369	L BEAD SMD BKP1608HS330
LAH2	6AAK2369	L BEAD SMD BKP1608HS330
LAN1	6AAK2369	L BEAD SMD BKP1608HS330
LAN2	6AAK2369	L BEAD SMD BKP1608HS330
X801	6AAF0004	CERALOCK CSTCR7M37G53-R0

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

CNA01	7A057042	CN CA-29DVI2SIR-X-X
CNA02	7A057043	CN DV11201-P8(BLUE)
CNA03	7A057041	CN CA-24DVI2SDR-X-X
F901	6A600255	FUSE SG5013 250V 3.15A
OSC4A1	6ADE0004	CRYSTAL SG-8002JF PCC 55M
PC901	3A820003	IC PC123Y22 PHOTO
PC911	3A820003	IC PC123Y22 PHOTO
PC9A1	3A820003	IC PC123Y22 PHOTO
TH901	3A810010	NTCR 10D2-10LC
VD901	3A0K0009	VARISTOR ENE471D-10A
X3A01	3A684034	LCD LM201U03 LGPHILIPS
X402	6A410026	OSC XTAL SMD HC-49U03C
XD7A01	7A392036	CABLE BUTTON WHT
XD7A02	7A391014	CABLE DVI HG 2.0M
XD7A03	7A391010	DVI_A-VGA CABLE 2.0M HG
XD7A04	7A082004	POWER CORD E3 L1.95 HG
XD7A09	7A960491	CD PIVOT LVIEW,NEC(A,B)

*** APPEARANCE PARTS ***

X5501	25551401	BRACKET BASE ASSY,L202EV
XD2601	25261611	STAND UNIT,L202EV-W
XD3201	25327291	BEZEL,L202EV-WH(AB)-N
XD3202	25327301	BACK ASSY,L202EV-WH(AB)-N
XD4301	25435661	STAND COVER TB,L202EV-W
XD4302	25435671	COVER CABLE,L202EV-W

SYMBOL	PART NO	DESCRIPTION
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*** PRINTED & PACKING MATERIALS ***

X7901	25792531	LABEL,PIVOT
X7902	25793801	LABEL(AMBIX+)
X8401	25841201	FILLER T,L202EV
X8402	25841211	FILLER B,L202EV
X8403	25841501	FILLER C,L202EV
X8404	25841511	PROTECTION SHEET
XD7901	25794902	RATING LABEL,L202EV-WH-AB
XD7902	25795322	LABEL BARCODE,L202EV-WB
XD7903	25795372	LABEL REV,L202EV-WB
XD7A05	7A813161	ACCESSORY LCD2080UX(B)
XD7A06	7A861761	SHEET SETUP,L202EV(B)
XD7A07	7A861541	SHEET-CAUTION
XD8401	25841241	CARTON BOX,L202EV-WH(B)-N
XD8402	25841481	PACKING BAG
XD8403	25841311	CARTON SHEET,L202EV

*** RESISTORS ***

J921	4AAA1065	R SMD METAL 1/8W 0 OHM
J923	4AAA1065	R SMD METAL 1/8W 0 OHM
J924	4AAA1065	R SMD METAL 1/8W 0 OHM
J925	4AAA1065	R SMD METAL 1/8W 0 OHM
J926	4AAA1065	R SMD METAL 1/8W 0 OHM
J927	4AAA1065	R SMD METAL 1/8W 0 OHM
J928	4AAA1065	R SMD METAL 1/8W 0 OHM
J929	4AAA1065	R SMD METAL 1/8W 0 OHM
J930	4AKE1081	R SMD METAL 1/4W 0OHM
J940	4AAA1065	R SMD METAL 1/8W 0 OHM
J961	4AAA1065	R SMD METAL 1/8W 0 OHM
J962	4AAA1065	R SMD METAL 1/8W 0 OHM
MR401	4ACF1282	R SMD NET 1/16W 150 J
MR402	4ACF1282	R SMD NET 1/16W 150 J
MR403	4ACF1282	R SMD NET 1/16W 150 J
MR404	4ACF1282	R SMD NET 1/16W 150 J
MR405	4ACF1282	R SMD NET 1/16W 150 J
MR406	4ACF1282	R SMD NET 1/16W 150 J
MR407	4ACF1282	R SMD NET 1/16W 150 J
MR408	4ACF1282	R SMD NET 1/16W 150 J
MR409	4ACF1282	R SMD NET 1/16W 150 J
MR410	4ACF1282	R SMD NET 1/16W 150 J
MR411	4ACF1282	R SMD NET 1/16W 150 J
MR412	4ACF1282	R SMD NET 1/16W 150 J
MR4G1	4ACF1202	R SMD NET 1/16W 33 J
MR4G3	4ACF1202	R SMD NET 1/16W 33 J
MR4G5	4ACF1202	R SMD NET 1/16W 33 J
MR4G7	4ACF1202	R SMD NET 1/16W 33 J
MR4G9	4ACF1202	R SMD NET 1/16W 33 J

SYMBOL	PART NO	DESCRIPTION
MR4H1	4ACF1202	R SMD NET 1/16W 33 J
MRA01	4ACF1203	R SMD NET 1/16W 100 J
MRA03	4ACF1203	R SMD NET 1/16W 100 J
MRA05	4ACF1203	R SMD NET 1/16W 100 J
MRA07	4ACF1203	R SMD NET 1/16W 100 J
MRA09	4ACF1203	R SMD NET 1/16W 100 J
MRA11	4ACF1203	R SMD NET 1/16W 100 J
MRK01	4ACF1202	R SMD NET 1/16W 33 J
MRK03	4ACF1202	R SMD NET 1/16W 33 J
MRK05	4ACF1202	R SMD NET 1/16W 33 J
MRK07	4ACF1202	R SMD NET 1/16W 33 J
MRK09	4ACF1202	R SMD NET 1/16W 33 J
MRK11	4ACF1202	R SMD NET 1/16W 33 J
MRK13	4ACF1202	R SMD NET 1/16W 33 J
MRK15	4ACF1202	R SMD NET 1/16W 33 J
MRK17	4ACF1202	R SMD NET 1/16W 33 J
MRK19	4ACF1202	R SMD NET 1/16W 33 J
MRK21	4ACF1202	R SMD NET 1/16W 33 J
MRK23	4ACF1202	R SMD NET 1/16W 33 J
R101	4AAA3489	R,METAL 4.7KH 5% 1/16W
R102	4AAA3489	R,METAL 4.7KH 5% 1/16W
R103	4ABE2031	R SMD METAL 1/16W 180 F
R105	4AAA3489	R,METAL 4.7KH 5% 1/16W
R106	4AAA3489	R,METAL 4.7KH 5% 1/16W
R107	4ABE2031	R SMD METAL 1/16W 180 F
R117	4AKB1028	R SMD METAL 1/10W 1K J
R118	4AKB1028	R SMD METAL 1/10W 1K J
R119	4AKB1028	R SMD METAL 1/10W 1K J
R120	4AKB1028	R SMD METAL 1/10W 1K J
R121	4AKB1028	R SMD METAL 1/10W 1K J
R122	4AKB1028	R SMD METAL 1/10W 1K J
R123	4AKB1028	R SMD METAL 1/10W 1K J
R125	4AKB1028	R SMD METAL 1/10W 1K J
R151	4ABE2053	R SMD METAL 1/16W 1.5K F
R152	4AAA3483	R,METAL 2.7KH 5% 1/16W
R153	4AAA3497	R,METAL 10KH 5% 1/16W
R154	4AAA3483	R,METAL 2.7KH 5% 1/16W
R155	4AAA3443	R,METAL 56H 5% 1/16W
R156	4AAA3543	R,METAL 820KH 5% 1/16W
R157	4AAA3497	R,METAL 10KH 5% 1/16W
R158	4AAA3515	R,METAL 56KH 5% 1/16W
R159	4AAA3497	R,METAL 10KH 5% 1/16W
R15A	4AAA3497	R,METAL 10KH 5% 1/16W
R15E	4AAA3497	R,METAL 10KH 5% 1/16W
R15F	4AAA3473	R,METAL 1.0KH 5% 1/16W
R15L	4AAA3473	R,METAL 1.0KH 5% 1/16W
R201	4AAA3473	R,METAL 1.0KH 5% 1/16W
R202	4ABE2091	R SMD METAL 1/16W 56K F

SYMBOL	PART NO	DESCRIPTION
R203	4ABE2085	R SMD METAL 1/16W 33K F
R221	4ABE2055	R SMD METAL 1/16W 1.8K F
R222	4ABE2083	R SMD METAL 1/16W 27K F
R223	4ABE2051	R SMD METAL 1/16W 1.2K F
R224	4ABE2084	R SMD METAL 1/16W 30K F
R225	4AAA3473	R,METAL 1.0KH 5% 1/16W
R226	4AAA3473	R,METAL 1.0KH 5% 1/16W
R261	4AAA3509	R,METAL 33KH 5% 1/16W
R262	4AAA3509	R,METAL 33KH 5% 1/16W
R266	4ABE2105	R SMD METAL 1/16W 150K F
R267	4ABE2085	R SMD METAL 1/16W 33K F
R268	4ACF1070	R SMD TFC 1/2W 680 J
R269	4ACF1070	R SMD TFC 1/2W 680 J
R26A	4AAA3473	R,METAL 1.0KH 5% 1/16W
R271	4AAA3481	R,METAL 2.2KH 5% 1/16W
R272	4AAA3491	R,METAL 5.6KH 5% 1/16W
R273	4ABE2091	R SMD METAL 1/16W 56K F
R274	4ABE2085	R SMD METAL 1/16W 33K F
R274A	4ABE2057	R SMD METAL 1/16W 2.2K F
R275	4AAA3485	R,METAL 3.3KH 5% 1/16W
R276	4ABE2085	R SMD METAL 1/16W 33K F
R277	4ABE2085	R SMD METAL 1/16W 33K F
R277A	4ABE2051	R SMD METAL 1/16W 1.2K F
R278	4AAA3497	R,METAL 10KH 5% 1/16W
R2A1	4AAA3443	R,METAL 56H 5% 1/16W
R2A2	4AAA3443	R,METAL 56H 5% 1/16W
R2A3	4ABE2039	R SMD METAL 1/16W 390 F
R2A4	4ABE2049	R SMD METAL 1/16W 1K F
R2A5	4ABE2071	R SMD METAL 1/16W 8.2K F
R2A7	4AAA3473	R,METAL 1.0KH 5% 1/16W
R2M1	4ABE2065	R SMD METAL 1/16W 4.7K F
R2M2	4ABE2081	R SMD METAL 1/16W 22K F
R2M3	4ABE2051	R SMD METAL 1/16W 1.2K F
R2M4	4ABE2065	R SMD METAL 1/16W 4.7K F
R2M5	4ABE2023	R SMD METAL 1/16W 82 F
R402	4ABE2020	R SMD METAL 1/16W 62 F
R403	4AAA3400	R,METAL 0.0H 5% 1/16W
R405	4AAA3400	R,METAL 0.0H 5% 1/16W
R409	4AAA3473	R,METAL 1.0KH 5% 1/16W
R412	4AAA3443	R,METAL 56H 5% 1/16W
R415	4AAA3473	R,METAL 1.0KH 5% 1/16W
R416	4AAA3513	R,METAL 47KH 5% 1/16W
R418	4AAA3400	R,METAL 0.0H 5% 1/16W
R422	4AAA3400	R,METAL 0.0H 5% 1/16W
R429	4AAA3449	R,METAL 100H 5% 1/16W
R430	4AAA3449	R,METAL 100H 5% 1/16W
R433	4AAA3443	R,METAL 56H 5% 1/16W
R435	4AAA3443	R,METAL 56H 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
R449	4AAA3481	R,METAL 2.2KH 5% 1/16W
R451	4AAA3485	R,METAL 3.3KH 5% 1/16W
R452	4AAA3485	R,METAL 3.3KH 5% 1/16W
R453	4AAA3497	R,METAL 10KH 5% 1/16W
R454	4AAA3513	R,METAL 47KH 5% 1/16W
R455	4AAA3473	R,METAL 1.0KH 5% 1/16W
R456	4AAA3449	R,METAL 100H 5% 1/16W
R457	4AAA3473	R,METAL 1.0KH 5% 1/16W
R458	4AAA3513	R,METAL 47KH 5% 1/16W
R459	4AAA3513	R,METAL 47KH 5% 1/16W
R45E	4AAA3497	R,METAL 10KH 5% 1/16W
R45K	4AAA3497	R,METAL 10KH 5% 1/16W
R45P	4AAA3449	R,METAL 100H 5% 1/16W
R45T	4AAA3449	R,METAL 100H 5% 1/16W
R463	4AAA3497	R,METAL 10KH 5% 1/16W
R464	4AAA3497	R,METAL 10KH 5% 1/16W
R465	4AAA3449	R,METAL 100H 5% 1/16W
R466	4AAA3449	R,METAL 100H 5% 1/16W
R467	4AAA3449	R,METAL 100H 5% 1/16W
R468	4AAA3449	R,METAL 100H 5% 1/16W
R470	4AAA3473	R,METAL 1.0KH 5% 1/16W
R4A2	4AAA3443	R,METAL 56H 5% 1/16W
R4A3	4AAA3437	R,METAL 33H 5% 1/16W
R4A4	4AAA3437	R,METAL 33H 5% 1/16W
R4A5	4AAA3437	R,METAL 33H 5% 1/16W
R4A6	4AAA3437	R,METAL 33H 5% 1/16W
R4A7	4AAA3437	R,METAL 33H 5% 1/16W
R4A8	4AAA3437	R,METAL 33H 5% 1/16W
R4A9	4AAA3437	R,METAL 33H 5% 1/16W
R4AK	4AAA3437	R,METAL 33H 5% 1/16W
R4AL	4AAA3437	R,METAL 33H 5% 1/16W
R4AM	4AAA3437	R,METAL 33H 5% 1/16W
R4AN	4AAA3437	R,METAL 33H 5% 1/16W
R4AP	4AAA3437	R,METAL 33H 5% 1/16W
R4AT	4AAA3437	R,METAL 33H 5% 1/16W
R4E0	4AAA3437	R,METAL 33H 5% 1/16W
R4E1	4AAA3437	R,METAL 33H 5% 1/16W
R4E2	4AAA3437	R,METAL 33H 5% 1/16W
R4E3	4AAA3437	R,METAL 33H 5% 1/16W
R4E4	4AAA3437	R,METAL 33H 5% 1/16W
R4E5	4AAA3449	R,METAL 100H 5% 1/16W
R4E6	4AAA3449	R,METAL 100H 5% 1/16W
R4E7	4AAA3449	R,METAL 100H 5% 1/16W
R4E8	4AAA3449	R,METAL 100H 5% 1/16W
R4E9	4AAA3449	R,METAL 100H 5% 1/16W
R4EA	4AAA3497	R,METAL 10KH 5% 1/16W
R550	4AAA3090	R,CHIP 1/8W 5.1K 5%
R801	4AAA3505	R,METAL 22KH 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
R802	4AAA3497	R,METAL 10KH 5% 1/16W
R803	4ABE2083	R SMD METAL 1/16W 27K F
R805	4ABE2082	R SMD METAL 1/16W 24K F
R806	4AAA3513	R,METAL 47KH 5% 1/16W
R807	4AAA3497	R,METAL 10KH 5% 1/16W
R808	4AAA3497	R,METAL 10KH 5% 1/16W
R809	4AAA3497	R,METAL 10KH 5% 1/16W
R811	4AAA3449	R,METAL 100H 5% 1/16W
R812	4AAA3449	R,METAL 100H 5% 1/16W
R813	4AAA3437	R,METAL 33H 5% 1/16W
R814	4AAA3437	R,METAL 33H 5% 1/16W
R815	4AAA3437	R,METAL 33H 5% 1/16W
R816	4AAA3437	R,METAL 33H 5% 1/16W
R818	4AAA3437	R,METAL 33H 5% 1/16W
R819	4AAA3437	R,METAL 33H 5% 1/16W
R820	4AAA3437	R,METAL 33H 5% 1/16W
R821	4AAA3449	R,METAL 100H 5% 1/16W
R822	4AAA3449	R,METAL 100H 5% 1/16W
R823	4AAA3449	R,METAL 100H 5% 1/16W
R826	4AAA3449	R,METAL 100H 5% 1/16W
R827	4AAA3449	R,METAL 100H 5% 1/16W
R828	4AAA3513	R,METAL 47KH 5% 1/16W
R829	4AAA3513	R,METAL 47KH 5% 1/16W
R830	4AAA3513	R,METAL 47KH 5% 1/16W
R831	4AAA3449	R,METAL 100H 5% 1/16W
R832	4AAA3449	R,METAL 100H 5% 1/16W
R833	4AAA3449	R,METAL 100H 5% 1/16W
R834	4AAA3513	R,METAL 47KH 5% 1/16W
R838	4AAA3437	R,METAL 33H 5% 1/16W
R839	4AAA3449	R,METAL 100H 5% 1/16W
R840	4AAA3449	R,METAL 100H 5% 1/16W
R841	4AAA3449	R,METAL 100H 5% 1/16W
R842	4AAA3513	R,METAL 47KH 5% 1/16W
R844	4AAA3513	R,METAL 47KH 5% 1/16W
R845	4AAA3513	R,METAL 47KH 5% 1/16W
R846	4AAA3505	R,METAL 22KH 5% 1/16W
R849	4ABE2079	R SMD METAL 1/16W 18K F
R850	4ABE2109	R SMD METAL 1/16W 220K F
R883	4AAA3505	R,METAL 22KH 5% 1/16W
R885	4AAA3505	R,METAL 22KH 5% 1/16W
R886	4AAA3505	R,METAL 22KH 5% 1/16W
R887	4AAA3505	R,METAL 22KH 5% 1/16W
R889	4AAA3505	R,METAL 22KH 5% 1/16W
R890	4AAA3505	R,METAL 22KH 5% 1/16W
R891	4AAA3505	R,METAL 22KH 5% 1/16W
R8A2	4AKG1037	R,CHIP 33H 5% 1W
R8A4	4AAA3449	R,METAL 100H 5% 1/16W
R8A5	4AAA3449	R,METAL 100H 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
R8A6	4AAA3513	R,METAL 47KH 5% 1/16W
R8A7	4AAA3513	R,METAL 47KH 5% 1/16W
R8AA	4AAA3513	R,METAL 47KH 5% 1/16W
R8AE	4AAA3513	R,METAL 47KH 5% 1/16W
R8AL	4AAA3513	R,METAL 47KH 5% 1/16W
R8AX	4AAA3513	R,METAL 47KH 5% 1/16W
R8AY	4AAA3513	R,METAL 47KH 5% 1/16W
R8E1	4AAA3513	R,METAL 47KH 5% 1/16W
R8E7	4AAA3513	R,METAL 47KH 5% 1/16W
R8E8	4AAA3513	R,METAL 47KH 5% 1/16W
R8E9	4AAA3513	R,METAL 47KH 5% 1/16W
R8EA	4AAA3513	R,METAL 47KH 5% 1/16W
R8EF	4AAA3513	R,METAL 47KH 5% 1/16W
R8F2	4AKG1037	R,CHIP 33H 5% 1W
R8F3	4AAA3497	R,METAL 10KH 5% 1/16W
R8F4	4AAA3449	R,METAL 100H 5% 1/16W
R8F5	4AAA3449	R,METAL 100H 5% 1/16W
R8F6	4AAA3513	R,METAL 47KH 5% 1/16W
R8F7	4AAA3513	R,METAL 47KH 5% 1/16W
R8FX	4AAA3513	R,METAL 47KH 5% 1/16W
R8FY	4AAA3513	R,METAL 47KH 5% 1/16W
R8G2	4AKG1037	R,CHIP 33H 5% 1W
R8G3	4AAA3497	R,METAL 10KH 5% 1/16W
R8G4	4AAA3449	R,METAL 100H 5% 1/16W
R8G5	4AAA3449	R,METAL 100H 5% 1/16W
R901	4AAA1060	R SMD METAL 1/8W 470K J
R902	4AAA1060	R SMD METAL 1/8W 470K J
R903	4AAA1060	R SMD METAL 1/8W 470K J
R904	4AAA1064	R SMD METAL 1/8W 1M J
R905	4AAA1064	R SMD METAL 1/8W 1M J
R906	4AAA1064	R SMD METAL 1/8W 1M J
R907	4A231049	R METAL 2W 100K J
R908	4AKE1032	R SMD METAL 1/4W 2.2K J
R909	4A231074	R METAL 2W 0.33 J
R910	4AKB1044	R SMD METAL 1/10W 22K J
R911	4AKB7002	R SMD METAL 1/10W 4.7 K
R912	4AAA2073	R SMD METAL 1/8W 10K F
R913	4AKB2126	R SMD METAL 1/10W 680 F
R914	4AKB1052	R SMD METAL 1/10W 100K J
R915	4A0E1089	R CARBON 1/4W 5.6 J
R916	4AKB1020	R SMD METAL 1/10W 220 J
R917	4AKB1024	R SMD METAL 1/10W 470 J
R918	4AKB1016	R SMD METAL 1/10W 100 J
R920	4AKB1040	R SMD METAL 1/10W 10K J
R921	4AKB1046	R SMD METAL 1/10W 33K J
R922	4AAA1046	R SMD METAL 1/8W 33K J
R923	4AKB1040	R SMD METAL 1/10W 10K J
R924	4AKB1040	R SMD METAL 1/10W 10K J

SYMBOL	PART NO	DESCRIPTION
R925	4AKB1046	R SMD METAL 1/10W 33K J
R926	4AKB2171	R SMD METAL 1/10W 9.1K F
R927	4AKB1052	R SMD METAL 1/10W 100K J
R928	4AKB2140	R SMD METAL 1/10W 10K F
R929	4AKB1040	R SMD METAL 1/10W 10K J
R931	4AKB1044	R SMD METAL 1/10W 22K J
R933	4AKB1052	R SMD METAL 1/10W 100K J
R934	4AKB1040	R SMD METAL 1/10W 10K J
R935	4AAA1064	R SMD METAL 1/8W 1M J
R936	4AAA1064	R SMD METAL 1/8W 1M J
R937	4AAA1064	R SMD METAL 1/8W 1M J
R951	4AKB1029	R SMD METAL 1/10W 1.2K J
R952	4AKB2176	R SMD METAL 1/10W 7.5K F
R953	4AKB2165	R SMD METAL 1/10W 6.2K F
R954	4AKB2132	R SMD METAL 1/10W 2.2K F
R955	4AKB1072	R SMD METAL 1/10W 0OHM
R956	4AKB1028	R SMD METAL 1/10W 1K J
R9A2	4A221045	R METAL 1W 47K J
R9A3	4AKB1009	R SMD METAL 1/10W 27 J
R9A4	4AAA1028	R SMD METAL 1/8W 1K J
R9A5	4AKB1035	R SMD METAL 1/10W 3.9K J
R9A6	4AKB1072	R SMD METAL 1/10W 0OHM
R9A7	4AKB1040	R SMD METAL 1/10W 10K J
R9A8	4AAA1016	R SMD METAL 1/8W 100 J
R9E1	4AKB1016	R SMD METAL 1/10W 100 J
R9E2	4AKB2128	R SMD METAL 1/10W 1K F
R9E3	4AKB1008	R SMD METAL 1/10W 22 J
R9E4	4AKB2128	R SMD METAL 1/10W 1K F
R9E6	4AKB1072	R SMD METAL 1/10W 0OHM
R9E7	4AKB1035	R SMD METAL 1/10W 3.9K J
R9X1	4AAA3153	R,CHIP 1/8W 2.2M 5%
R9X2	4AAA3153	R,CHIP 1/8W 2.2M 5%
R9X4	4AKB1046	R SMD METAL 1/10W 33K J
R9X5	4AAA3342	R,CHIP 1/8W 750K 1%
R9X6	4AAA3342	R,CHIP 1/8W 750K 1%
R9X7	4AAA3341	R,CHIP 1/8W 680K 1%
R9X8	4AKB2144	R SMD METAL 1/10W 22K F
R9X9	4AAA1044	R SMD METAL 1/8W 22K J
R9Y1	4AKB1028	R SMD METAL 1/10W 1K J
R9Y2	4AKB1016	R SMD METAL 1/10W 100 J
R9Y3	4A231074	R METAL 2W 0.33 J
RA03	4AAA3437	R,METAL 33H 5% 1/16W
RA04	4AAA3437	R,METAL 33H 5% 1/16W
RA05	4AAA3437	R,METAL 33H 5% 1/16W
RA06	4AAA3437	R,METAL 33H 5% 1/16W
RA07	4AAA3481	R,METAL 2.2KH 5% 1/16W
RA08	4AAA3481	R,METAL 2.2KH 5% 1/16W
RA11	4AAA3425	R,METAL 10H 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
RA12	4AAA3425	R,METAL 10H 5% 1/16W
RA19	4AAA3437	R,METAL 33H 5% 1/16W
RA20	4AAA3437	R,METAL 33H 5% 1/16W
RA21	4AAA3437	R,METAL 33H 5% 1/16W
RA22	4AAA3437	R,METAL 33H 5% 1/16W
RA23	4AAA3437	R,METAL 33H 5% 1/16W
RA24	4AAA3437	R,METAL 33H 5% 1/16W
RA27	4AAA3449	R,METAL 100H 5% 1/16W
RA28	4AAA3449	R,METAL 100H 5% 1/16W
RA29	4AAA3449	R,METAL 100H 5% 1/16W
RA30	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA34	4AAA3497	R,METAL 10KH 5% 1/16W
RA37	4AAA3437	R,METAL 33H 5% 1/16W
RA43	4AAA3497	R,METAL 10KH 5% 1/16W
RA44	4AAA3497	R,METAL 10KH 5% 1/16W
RA4A	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA4E	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA70A	4AAA3505	R,METAL 22KH 5% 1/16W
RA70B	4ABE2022	R SMD METAL 1/16W 75 F
RA70G	4ABE2022	R SMD METAL 1/16W 75 F
RA70R	4ABE2022	R SMD METAL 1/16W 75 F
RA71A	4AAA3449	R,METAL 100H 5% 1/16W
RA71B	4AAA3497	R,METAL 10KH 5% 1/16W
RA71G	4AAA3497	R,METAL 10KH 5% 1/16W
RA71R	4AAA3497	R,METAL 10KH 5% 1/16W
RA72A	4AAA3461	R,METAL 330H 5% 1/16W
RA72B	4AAA3501	R,METAL 15KH 5% 1/16W
RA72G	4AAA3501	R,METAL 15KH 5% 1/16W
RA72R	4AAA3501	R,METAL 15KH 5% 1/16W
RA73A	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA73B	4AAA3449	R,METAL 100H 5% 1/16W
RA73G	4AAA3449	R,METAL 100H 5% 1/16W
RA73R	4AAA3449	R,METAL 100H 5% 1/16W
RA74A	4ABE2033	R SMD METAL 1/16W 220 F
RA74B	4AAA3461	R,METAL 330H 5% 1/16W
RA74G	4AAA3461	R,METAL 330H 5% 1/16W
RA74R	4AAA3461	R,METAL 330H 5% 1/16W
RA75A	4ABE2042	R SMD METAL 1/16W 510 F
RA75B	4AAA3441	R,METAL 47H 5% 1/16W
RA75G	4AAA3441	R,METAL 47H 5% 1/16W
RA75R	4AAA3441	R,METAL 47H 5% 1/16W
RA76A	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA76B	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA76G	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA76R	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA77A	4AAA3471	R,METAL 820H 5% 1/16W
RA77B	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA77G	4AAA3473	R,METAL 1.0KH 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
RA77R	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA78A	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA78B	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA78G	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA78R	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA79A	4AAA3449	R,METAL 100H 5% 1/16W
RA79B	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA79G	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA79R	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA7AA	4AAA3449	R,METAL 100H 5% 1/16W
RA7AB	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA7AG	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA7AR	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA7EA	4AAA3485	R,METAL 3.3KH 5% 1/16W
RA7HB	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA7HG	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA7HR	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA7LA	4AAA3400	R,METAL 0.0H 5% 1/16W
RA80B	4ABE2022	R SMD METAL 1/16W 75 F
RA80G	4ABE2022	R SMD METAL 1/16W 75 F
RA80R	4ABE2022	R SMD METAL 1/16W 75 F
RA81B	4AAA3497	R,METAL 10KH 5% 1/16W
RA81G	4AAA3497	R,METAL 10KH 5% 1/16W
RA81R	4AAA3497	R,METAL 10KH 5% 1/16W
RA82A	4AAA3461	R,METAL 330H 5% 1/16W
RA82B	4AAA3501	R,METAL 15KH 5% 1/16W
RA82G	4AAA3501	R,METAL 15KH 5% 1/16W
RA82R	4AAA3501	R,METAL 15KH 5% 1/16W
RA83	4AAA3437	R,METAL 33H 5% 1/16W
RA83A	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA83B	4AAA3449	R,METAL 100H 5% 1/16W
RA83G	4AAA3449	R,METAL 100H 5% 1/16W
RA83R	4AAA3449	R,METAL 100H 5% 1/16W
RA84	4AAA3437	R,METAL 33H 5% 1/16W
RA84A	4ABE2033	R SMD METAL 1/16W 220 F
RA84B	4AAA3461	R,METAL 330H 5% 1/16W
RA84G	4AAA3461	R,METAL 330H 5% 1/16W
RA84R	4AAA3461	R,METAL 330H 5% 1/16W
RA85A	4ABE2042	R SMD METAL 1/16W 510 F
RA85B	4AAA3441	R,METAL 47H 5% 1/16W
RA85G	4AAA3441	R,METAL 47H 5% 1/16W
RA85R	4AAA3441	R,METAL 47H 5% 1/16W
RA86	4AAA3481	R,METAL 2.2KH 5% 1/16W
RA86A	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA86B	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA86G	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA86R	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA87	4AAA3481	R,METAL 2.2KH 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
RA87A	4AAA3471	R,METAL 820H 5% 1/16W
RA87B	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA87G	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA87R	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA88A	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA88B	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA88G	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA88R	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA89A	4AAA3449	R,METAL 100H 5% 1/16W
RA89B	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA89G	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA89R	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA8AA	4AAA3449	R,METAL 100H 5% 1/16W
RA8AB	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA8AG	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA8AR	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA8EA	4AAA3485	R,METAL 3.3KH 5% 1/16W
RA8HB	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA8HG	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA8HR	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA8KA	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA8LA	4AAA3400	R,METAL 0.0H 5% 1/16W
RAA3	4AAA3465	R,METAL 470H 5% 1/16W
RAA4	4AAA3481	R,METAL 2.2KH 5% 1/16W
RAA5	4AAA3493	R,METAL 6.8KH 5% 1/16W
RAA6	4AAA3505	R,METAL 22KH 5% 1/16W
RAE3	4AAA3431	R,METAL 18H 5% 1/16W
RAE4	4AAA3437	R,METAL 33H 5% 1/16W
RAE5	4AAA3437	R,METAL 33H 5% 1/16W
RAE6	4AAA3437	R,METAL 33H 5% 1/16W
RAFH	4AAA3425	R,METAL 10H 5% 1/16W
RAFK	4AAA3425	R,METAL 10H 5% 1/16W
RAH1	4AAA3527	R,METAL 180KH 5% 1/16W
RAH2	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAH3	4AAA3453	R,METAL 150H 5% 1/16W
RAH3	4ABE2029	R SMD METAL 1/16W 150 F
RAH5	4AAA3527	R,METAL 180KH 5% 1/16W
RAH6	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAH7	4AAA3453	R,METAL 150H 5% 1/16W
RAH7	4ABE2029	R SMD METAL 1/16W 150 F
RAM1	4AAA3497	R,METAL 10KH 5% 1/16W
RAM2	4AAA3497	R,METAL 10KH 5% 1/16W
RAM3	4AAA3503	R,METAL 18KH 5% 1/16W
RAM4	4AAA3503	R,METAL 18KH 5% 1/16W
RAM5	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAM6	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAM7	4AAA3483	R,METAL 2.7KH 5% 1/16W
RAM8	4AAA3483	R,METAL 2.7KH 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
RAN1	4AAA3441	R,METAL 47H 5% 1/16W
RAN2	4AAA3441	R,METAL 47H 5% 1/16W
RAN3	4AAA3517	R,METAL 68KH 5% 1/16W
RAN4	4AAA3517	R,METAL 68KH 5% 1/16W
RAN5	4AAA3527	R,METAL 180KH 5% 1/16W
RAN6	4AAA3527	R,METAL 180KH 5% 1/16W
RAN7	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAN8	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAN9	4AAA3449	R,METAL 100H 5% 1/16W
RANA	4AAA3449	R,METAL 100H 5% 1/16W
RK01	4AAA3463	R,METAL 390H 5% 1/16W
RK07	4AAA3443	R,METAL 56H 5% 1/16W
RK08	4AAA3437	R,METAL 33H 5% 1/16W
RK09	4AAA3513	R,METAL 47KH 5% 1/16W
RK0A	4AAA3513	R,METAL 47KH 5% 1/16W
RK10	4AAA3513	R,METAL 47KH 5% 1/16W
RK11	4AAA3400	R,METAL 0.0H 5% 1/16W
RK16	4AAA3463	R,METAL 390H 5% 1/16W
RK22	4AAA3443	R,METAL 56H 5% 1/16W
RK23	4AAA3437	R,METAL 33H 5% 1/16W
RK24	4AAA3513	R,METAL 47KH 5% 1/16W
RK25	4AAA3513	R,METAL 47KH 5% 1/16W
RK26	4AAA3400	R,METAL 0.0H 5% 1/16W
RK2A	4AAA3513	R,METAL 47KH 5% 1/16W
RK2E	4AAA3513	R,METAL 47KH 5% 1/16W
RKAE	4AAA3513	R,METAL 47KH 5% 1/16W
RKF1	4ABE2042	R SMD METAL 1/16W 510 F
RKF2	4ABE2042	R SMD METAL 1/16W 510 F
RKF6	4ABE2059	R SMD METAL 1/16W 2.7K F
RKF7	4AAA3449	R,METAL 100H 5% 1/16W
RKF8	4AAA3513	R,METAL 47KH 5% 1/16W
RKF9	4AAA3449	R,METAL 100H 5% 1/16W

*** CAPACITORS ***

C151	5ADK1049	C SMD CER 2C 390P 50V J
C152	5ACK1002	C,CERAMIC 6.3V 1UF
C153	5AHK3546	CE734W1E4R7M-T(WT)
C154	5AFK0230	C SMD CER 1U 10V M
C15A	5AFK0216	C SMD CER 10U 6.3V M
C201	5AFK0261	C SMD CER 22UF 6.3V M
C221	5AHK5001	C SMD ELE105 100U 10V M
C222	5AFK0216	C SMD CER 10U 6.3V M
C223	5AHK2961	C 16V 330UF
C224	5AHK0711	C SMD ELE105 10U 16V M
C225	5ACK1363	C SMD CER F1 0.1U 25V Z
C226	5ACK1363	C SMD CER F1 0.1U 25V Z
C22E	5ACK1363	C SMD CER F1 0.1U 25V Z
C261	5ACK1363	C SMD CER F1 0.1U 25V Z

SYMBOL	PART NO	DESCRIPTION
C263	5AHK0711	C SMD ELE105 10U 16V M
C265	5ACK1363	C SMD CER F1 0.1U 25V Z
C26A	5ACK1363	C SMD CER F1 0.1U 25V Z
C271	5AFK0261	C SMD CER 22UF 6.3V M
C273	5ACK1363	C SMD CER F1 0.1U 25V Z
C274	5ACK1363	C SMD CER F1 0.1U 25V Z
C275	5ACK1363	C SMD CER F1 0.1U 25V Z
C276	5ACK1363	C SMD CER F1 0.1U 25V Z
C277	5AFK0216	C SMD CER 10U 6.3V M
C278	5AFK0216	C SMD CER 10U 6.3V M
C27E	5ACK1002	C,CERAMIC 6.3V 1UF
C281	5AFK0261	C SMD CER 22UF 6.3V M
C2A2	5ACK1363	C SMD CER F1 0.1U 25V Z
C2A3	5ACK1363	C SMD CER F1 0.1U 25V Z
C2A4	5AHK5021	C SMD ELE105 22U 25V M
C2A5	5AHK2961	C 16V 330UF
C2E1	5ACK1363	C SMD CER F1 0.1U 25V Z
C2M1	5AHK5024	C SMD ELE105 100U 25V M
C2M2	5ACK0106	C SMD BJ 0.047U 25V K
C2M3	5ACK1118	C SMD B1 2700P 50V K
C2M4	5ACK1363	C SMD CER F1 0.1U 25V Z
C2M5	5ACK1363	C SMD CER F1 0.1U 25V Z
C2M6	5AHK2969	CE04W1C681M-HTATS
C409	5AFK0216	C SMD CER 10U 6.3V M
C410	5ACK1363	C SMD CER F1 0.1U 25V Z
C411	5ACK1363	C SMD CER F1 0.1U 25V Z
C412	5ACK1363	C SMD CER F1 0.1U 25V Z
C413	5ACK1363	C SMD CER F1 0.1U 25V Z
C414	5ACK1363	C SMD CER F1 0.1U 25V Z
C415	5ACK1363	C SMD CER F1 0.1U 25V Z
C416	5ACK1363	C SMD CER F1 0.1U 25V Z
C417	5ACK1363	C SMD CER F1 0.1U 25V Z
C418	5ACK1363	C SMD CER F1 0.1U 25V Z
C419	5ACK1363	C SMD CER F1 0.1U 25V Z
C420	5ACK1363	C SMD CER F1 0.1U 25V Z
C421	5ACK1363	C SMD CER F1 0.1U 25V Z
C422	5ACK1363	C SMD CER F1 0.1U 25V Z
C423	5ACK1363	C SMD CER F1 0.1U 25V Z
C424	5ACK1363	C SMD CER F1 0.1U 25V Z
C425	5AFK0216	C SMD CER 10U 6.3V M
C426	5ACK1363	C SMD CER F1 0.1U 25V Z
C427	5ACK1363	C SMD CER F1 0.1U 25V Z
C428	5ACK1363	C SMD CER F1 0.1U 25V Z
C429	5ACK1363	C SMD CER F1 0.1U 25V Z
C430	5ACK1363	C SMD CER F1 0.1U 25V Z
C431	5ACK1363	C SMD CER F1 0.1U 25V Z
C432	5ACK1363	C SMD CER F1 0.1U 25V Z
C433	5ACK1363	C SMD CER F1 0.1U 25V Z

SYMBOL	PART NO	DESCRIPTION
C434	5ACK1363	C SMD CER F1 0.1U 25V Z
C443	5AFK0216	C SMD CER 10U 6.3V M
C444	5AFK0216	C SMD CER 10U 6.3V M
C451	5ACK1363	C SMD CER F1 0.1U 25V Z
C452	5AFK0216	C SMD CER 10U 6.3V M
C454	5ADK1007	C SMD CER 2C 10P 50V D
C455	5ADK1007	C SMD CER 2C 10P 50V D
C458	5ACK1363	C SMD CER F1 0.1U 25V Z
C459	5ACK1363	C SMD CER F1 0.1U 25V Z
C45F	5ACK1363	C SMD CER F1 0.1U 25V Z
C4A2	5AHK0711	C SMD ELE105 10U 16V M
C4A4	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E0	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E1	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E2	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E3	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E4	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E5	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E6	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E7	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E8	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E9	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F0	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F1	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F2	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F3	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F4	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F5	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F6	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F7	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F8	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F9	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FA	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FE	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FF	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FH	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FJ	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FK	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FL	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FM	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FMZ	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FN	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FP	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FQ	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FR	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FS	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FT	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FW	5AHK0711	C SMD ELE105 10U 16V M

SYMBOL	PART NO	DESCRIPTION
C4FY	5ACK1363	C SMD CER F1 0.1U 25V Z
C551	5ACK1363	C SMD CER F1 0.1U 25V Z
C552	5ACK1363	C SMD CER F1 0.1U 25V Z
C553	5ACK1363	C SMD CER F1 0.1U 25V Z
C554	5ACK1363	C SMD CER F1 0.1U 25V Z
C555	5ACK1363	C SMD CER F1 0.1U 25V Z
C556	5ACK1363	C SMD CER F1 0.1U 25V Z
C561	5ACK1363	C SMD CER F1 0.1U 25V Z
C562	5ACK1363	C SMD CER F1 0.1U 25V Z
C563	5ACK1363	C SMD CER F1 0.1U 25V Z
C564	5ACK1363	C SMD CER F1 0.1U 25V Z
C565	5ACK1363	C SMD CER F1 0.1U 25V Z
C566	5ACK1363	C SMD CER F1 0.1U 25V Z
C801	5ACK1363	C SMD CER F1 0.1U 25V Z
C802	5ACK1213	C SMD CER B1 0.1U 16V K
C805	5ACK1363	C SMD CER F1 0.1U 25V Z
C806	5ACK1363	C SMD CER F1 0.1U 25V Z
C807	5ACK1363	C SMD CER F1 0.1U 25V Z
C808	5ACK1363	C SMD CER F1 0.1U 25V Z
C809	5ACK1363	C SMD CER F1 0.1U 25V Z
C810	5ACK1363	C SMD CER F1 0.1U 25V Z
C811	5ACK1363	C SMD CER F1 0.1U 25V Z
C812	5ACK1363	C SMD CER F1 0.1U 25V Z
C813	5ACK1363	C SMD CER F1 0.1U 25V Z
C815	5ACK1363	C SMD CER F1 0.1U 25V Z
C818	5ACK1363	C SMD CER F1 0.1U 25V Z
C819	5ACK1363	C SMD CER F1 0.1U 25V Z
C820	5ACK1213	C SMD CER B1 0.1U 16V K
C821	5ACK1213	C SMD CER B1 0.1U 16V K
C8A1	5ACK1363	C SMD CER F1 0.1U 25V Z
C8A2	5ACK1363	C SMD CER F1 0.1U 25V Z
C8E1	5ACK1363	C SMD CER F1 0.1U 25V Z
C901	5A200105	C SAFE X 0.47U AC275V K
C902	5A200105	C SAFE X 0.47U AC275V K
C905	5A500983	C CER 400V 1000
C906	5A805119	C ELE105 120U 450V
C907	5A1BA501	C FILM MM 0.01U 400V
C910	5A9K0059	C ELE105 22U 50V M
C911	5A8K0042	C ELE105 100U 35V M
C912	5ACK0040	C SMD CER F1 0.1U 50V Z
C913	5ADK0172	C SMD CER 2C 1000P 50V J
C914	5ADK0113	C SMD 2C 10P 50V C
C915	5ACK0108	C SMD BJ 0.1U 25V K
C920	5ACK0021	C SMD CER B1 0.01U 50V K
C925	5A1BA503	C FILM MM 0.47U 100V
C926	5ACK0115	C SMD CER BJ 1U 10V K
C927	5A8K0872	C ELE105 4.7U 50V M
C951	5A8K5132	C ELE105 1500U 25V M

SYMBOL	PART NO	DESCRIPTION
C952	5A8K5132	C ELE105 1500U 25V M
C953	5A8K5130	C ELE105 1000U 25V M
C954	5AFK0251	C SMD CER 1.0UF 16V M
C955	5A5K0123	C CER 1X 150P 1KV J
C9A2	5A8K0869	C ELE105 2.2U 50V M
C9A3	5A1BA501	C FILM MM 0.01U 400V
C9A4	5ACK0108	C SMD BJ 0.1U 25V K
C9A6	5ACK0115	C SMD CER BJ 1U 10V K
C9A7	5A8K0839	C ELE105 47U 25V M
C9E1	5A8K5112	C ELE105 2200U 10V M
C9E2	5ACK0115	C SMD CER BJ 1U 10V K
C9E3	5A8K0012	C ELE105 1000U 10V M
C9X1	5A1B1502	C FILM PMS 0.47U 400V
C9X2	5ACK0021	C SMD CER B1 0.01U 50V K
C9X3	5ACK0005	C SMD CER B1 470P 50V K
C9X4	5ACK0112	C SMD CER BJ 0.33U 16V K
C9X5	5ADK0025	C SMD CER 1X 100P 50V J
CA05	5ACK1933	C SMD CER B 0.047U 16V K
CA06	5ACK1933	C SMD CER B 0.047U 16V K
CA07	5ACK1933	C SMD CER B 0.047U 16V K
CA08	5ACK1933	C SMD CER B 0.047U 16V K
CA09	5ACK1933	C SMD CER B 0.047U 16V K
CA10	5ACK1933	C SMD CER B 0.047U 16V K
CA12	5ACK1113	C SMD CER B1 1000P 50V K
CA19	5ACK1113	C SMD CER B1 1000P 50V K
CA20	5AFK0216	C SMD CER 10U 6.3V M
CA21	5AAB1424	C 16V 8200PF
CA22	5AAB1433	C 16V 47000PF
CA23	5ACK1363	C SMD CER F1 0.1U 25V Z
CA24	5ACK1363	C SMD CER F1 0.1U 25V Z
CA25	5ACK1363	C SMD CER F1 0.1U 25V Z
CA26	5ACK1002	C,CERAMIC 6.3V 1UF
CA28	5ACK1363	C SMD CER F1 0.1U 25V Z
CA29	5ACK1363	C SMD CER F1 0.1U 25V Z
CA2A	5AAB1427	C 16V 15000PF
CA36	5ACK1363	C SMD CER F1 0.1U 25V Z
CA37	5ACK1363	C SMD CER F1 0.1U 25V Z
CA38	5ACK1363	C SMD CER F1 0.1U 25V Z
CA39	5ACK1363	C SMD CER F1 0.1U 25V Z
CA40	5ACK1363	C SMD CER F1 0.1U 25V Z
CA41	5ACK1363	C SMD CER F1 0.1U 25V Z
CA42	5ACK1363	C SMD CER F1 0.1U 25V Z
CA43	5ACK1363	C SMD CER F1 0.1U 25V Z
CA44	5ACK1363	C SMD CER F1 0.1U 25V Z
CA45	5ACK1363	C SMD CER F1 0.1U 25V Z
CA53	5AFK0216	C SMD CER 10U 6.3V M
CA67	5AFK0216	C SMD CER 10U 6.3V M
CA70A	5AFK0216	C SMD CER 10U 6.3V M

SYMBOL	PART NO	DESCRIPTION
CA70B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA70G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA70R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA71B	5AFK0216	C SMD CER 10U 6.3V M
CA71G	5AFK0216	C SMD CER 10U 6.3V M
CA71R	5AFK0216	C SMD CER 10U 6.3V M
CA72A	5ACK1363	C SMD CER F1 0.1U 25V Z
CA72B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA72G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA72R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA73B	5ADK1007	C SMD CER 2C 10P 50V D
CA73G	5ADK1007	C SMD CER 2C 10P 50V D
CA73R	5ADK1007	C SMD CER 2C 10P 50V D
CA74B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA74G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA74R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA75A	5AFK0216	C SMD CER 10U 6.3V M
CA75B	5ADK1016	C SMD CER 2C 22P 50V J
CA75G	5ADK1016	C SMD CER 2C 22P 50V J
CA75R	5ADK1016	C SMD CER 2C 22P 50V J
CA76B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA76G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA76R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA77A	5ADK1029	C SMD CER 2C 68P 50V J
CA77B	5ADK1025	C SMD CER 2C 47P 50V J
CA77G	5ADK1025	C SMD CER 2C 47P 50V J
CA77R	5ADK1025	C SMD CER 2C 47P 50V J
CA78A	5ACK1363	C SMD CER F1 0.1U 25V Z
CA80A	5AFK0216	C SMD CER 10U 6.3V M
CA80B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA80G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA80R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA81B	5AFK0216	C SMD CER 10U 6.3V M
CA81G	5AFK0216	C SMD CER 10U 6.3V M
CA81R	5AFK0216	C SMD CER 10U 6.3V M
CA82B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA82G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA82R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA83B	5ADK1007	C SMD CER 2C 10P 50V D
CA83G	5ADK1007	C SMD CER 2C 10P 50V D
CA83R	5ADK1007	C SMD CER 2C 10P 50V D
CA84B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA84G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA84R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA85A	5AFK0216	C SMD CER 10U 6.3V M
CA85B	5ADK1016	C SMD CER 2C 22P 50V J
CA85G	5ADK1016	C SMD CER 2C 22P 50V J
CA85R	5ADK1016	C SMD CER 2C 22P 50V J

SYMBOL	PART NO	DESCRIPTION
CA86B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA86G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA86R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA87A	5ADK1029	C SMD CER 2C 68P 50V J
CA87B	5ADK1025	C SMD CER 2C 47P 50V J
CA87G	5ADK1025	C SMD CER 2C 47P 50V J
CA87R	5ADK1025	C SMD CER 2C 47P 50V J
CA88A	5ACK1363	C SMD CER F1 0.1U 25V Z
CA90	5ACK1113	C SMD CER B1 1000P 50V K
CA91	5ACK1113	C SMD CER B1 1000P 50V K
CAA1	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA2	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA3	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA4	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA5	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA6	5AHK0711	C SMD ELE105 10U 16V M
CAH1	5ACK1002	C,CERAMIC 6.3V 1UF
CAH2	5ACK1002	C,CERAMIC 6.3V 1UF
CAH3	5ACK1123	C SMD B1 6800P 50V K
CAH4	5ACK1123	C SMD B1 6800P 50V K
CAM3	5AFK0216	C SMD CER 10U 6.3V M
CAM4	5AFK0216	C SMD CER 10U 6.3V M
CAN1	5ACK1002	C,CERAMIC 6.3V 1UF
CAN2	5ACK1002	C,CERAMIC 6.3V 1UF
CAN3	5ACK1123	C SMD B1 6800P 50V K
CAN4	5ACK1123	C SMD B1 6800P 50V K
CK01	5ACK1363	C SMD CER F1 0.1U 25V Z
CK02	5ACK1363	C SMD CER F1 0.1U 25V Z
CK03	5ACK1363	C SMD CER F1 0.1U 25V Z
CK04	5ACK1363	C SMD CER F1 0.1U 25V Z
CK05	5ACK1363	C SMD CER F1 0.1U 25V Z
CK06	5ACK1363	C SMD CER F1 0.1U 25V Z
CK07	5ACK1363	C SMD CER F1 0.1U 25V Z
CK08	5ACK1363	C SMD CER F1 0.1U 25V Z
CK09	5ADK1034	C SMD CER 2C 100P 50V J
CK10	5ADK1034	C SMD CER 2C 100P 50V J
CK11	5ADK1034	C SMD CER 2C 100P 50V J
CK12	5ADK1034	C SMD CER 2C 100P 50V J
CK13	5ADK1034	C SMD CER 2C 100P 50V J
CK14	5AFK0216	C SMD CER 10U 6.3V M
CK16	5AHK5016	C SMD ELE105 100U 16V M
CK17	5ADK1034	C SMD CER 2C 100P 50V J
CK18	5AFK0216	C SMD CER 10U 6.3V M
CK19	5ACK1363	C SMD CER F1 0.1U 25V Z
CK20	5ACK1363	C SMD CER F1 0.1U 25V Z
CK21	5ACK1363	C SMD CER F1 0.1U 25V Z
CK22	5ACK1363	C SMD CER F1 0.1U 25V Z
CK23	5ACK1363	C SMD CER F1 0.1U 25V Z

SYMBOL	PART NO	DESCRIPTION
CK24	5ACK1363	C SMD CER F1 0.1U 25V Z
CK25	5ACK1363	C SMD CER F1 0.1U 25V Z
CK26	5ACK1363	C SMD CER F1 0.1U 25V Z
CK27	5ADK1034	C SMD CER 2C 100P 50V J
CK28	5ADK1034	C SMD CER 2C 100P 50V J
CK29	5ADK1034	C SMD CER 2C 100P 50V J
CK30	5ADK1034	C SMD CER 2C 100P 50V J
CK31	5ADK1034	C SMD CER 2C 100P 50V J
CK32	5AFK0216	C SMD CER 10U 6.3V M
CK34	5AHK5016	C SMD ELE105 100U 16V M
CK35	5ADK1034	C SMD CER 2C 100P 50V J
CK36	5AFK0216	C SMD CER 10U 6.3V M
CKF1	5ACK1363	C SMD CER F1 0.1U 25V Z
CKF2	5ACK1363	C SMD CER F1 0.1U 25V Z

REPLACEMENT PARTS LIST

The components specified for Model LCD2080UX-BK(B)

Manufactured by NMV

SYMBOL	PART NO	DESCRIPTION
*** ICS ***		
IC201	3A7KB073	IC SMD BA00BCOWFP
IC221	3A7KB045	IC SMD PQ1CZ21H2ZP
IC222	3A7KB073	IC SMD BA00BCOWFP
IC251	3A7KB070	IC SMD L4978 REGULATOR
IC271	3A7KB073	IC SMD BA00BCOWFP
IC272	3A7KB073	IC SMD BA00BCOWFP
IC2A1	3A7KB045	IC SMD PQ1CZ21H2ZP
IC401	3A775023	IC SMD PW164B
IC402	3A752045	IC SMD LHF28F800-L202EV
IC403	3A7EF036	IC SMD ICS332M-L202EV
IC405	3A7EF003	MOS SN74AHC2G125H
IC4A1	3A774007	IC SMD UPD65545-Y-6C
IC4A2	3A7EA002	IC NC7WZ14
IC4A3	3A7EA002	IC NC7WZ14
IC551	3A7EJ034	IC DS90C385MTDX
IC552	3A7EJ034	IC DS90C385MTDX
IC801	3A7KB030	IC SMD M51957AFP
IC802	3A7KB030	IC SMD M51957AFP
IC803	3A7EB005	MOS CAT24WC64JI-TE13
IC804	3A753017	IC M30625FGNGP L202EV F
IC8A1	3A7EB016	MOS BU9882F-E2
IC8A2	3A7EJ022	IC X9116WM8-2.7T4 MOS
IC8A3	3A7EJ022	IC X9116WM8-2.7T4 MOS
IC8A4	3A7EF037	IC SMD SN74CBT1G125DCK
IC8A5	3A7EF037	IC SMD SN74CBT1G125DCK
IC8F1	3A7EB016	MOS BU9882F-E2
IC901	3A709036	IC STR-E1717
IC951	3A7K9039	IC UPC1093J-T
IC9A1	3A709009	IC MIP2E2
IC9A2	3A709038	IC XN04A88
IC9E1	3A7K9039	IC UPC1093J-T
ICA01	3A754002	IC SMD AD9888KS-170
ICA70A	3A7KA024	IC SMD AD8002AR
ICAA1	3A7EA002	IC NC7WZ14
ICAA2	3A7EA002	IC NC7WZ14
ICAA3	3A7EF033	IC SMD SN74CBTLV1G125DCK
ICAA4	3A7EF033	IC SMD SN74CBTLV1G125DCK
ICAA5	3A7KJ035	IC SMD UPC1093T-E2
ICAA6	3A7EF030	IC SN74CBTLV3125PW
ICK01	3A775006	MOS TFP401
ICK02	3A775006	MOS TFP401

SYMBOL	PART NO	DESCRIPTION
*** TRANSISTORS ***		
Q101	3AEF0038	TR SMD DTC143ZKA-T146
Q102	3AEA0026	TR 2SA812-T1BM6
Q104	3AEF0038	TR SMD DTC143ZKA-T146
Q105	3AEA0026	TR 2SA812-T1BM6
Q151	3AEE0038	FET SMD 2SJ356-T1 P
Q152	3AEA0027	TR 2SA1037AK-T146 Q
Q153	3AEC0025	TR SMD 2412K R
Q154	3AEF0035	TR DTC144EKA-T146(0)
Q155	3AEF0035	TR DTC144EKA-T146(0)
Q156	3AEF0037	TR SMD DTA144EKA
Q157	3AEF0035	TR DTC144EKA-T146(0)
Q261	3AEF0035	TR DTC144EKA-T146(0)
Q262	3AEE0039	FET SMD 2SJ325-Z E2 P
Q265	3AEE0034	FET 2SK3018-T106
Q271	3AEF0035	TR DTC144EKA-T146(0)
Q272	3AEF0035	TR DTC144EKA-T146(0)
Q451	3AEA0026	TR 2SA812-T1BM6
Q452	3AEF0035	TR DTC144EKA-T146(0)
Q453	3AEF0035	TR DTC144EKA-T146(0)
Q805	3AEF0035	TR DTC144EKA-T146(0)
Q806	3AEC0053	TR SMD 2SC3734
Q807	3AEC0053	TR SMD 2SC3734
Q861	3AEE0034	FET 2SK3018-T106
Q863	3AEE0034	FET 2SK3018-T106
Q8A3	3AEF0035	TR DTC144EKA-T146(0)
Q8E1	3AEF0035	TR DTC144EKA-T146(0)
Q8E5	3AEF0035	TR DTC144EKA-T146(0)
Q8E6	3AEF0035	TR DTC144EKA-T146(0)
Q901	3A550043	FET 2SK3673-01MR
Q908	3AEE0044	FET 2SK2715 P
Q911	3AEA0027	TR 2SA1037AK-T146 Q
Q912	3AEC0025	TR SMD 2412K R
Q913	3AEC0025	TR SMD 2412K R
Q930	3AEF0035	TR DTC144EKA-T146(0)
Q931	3A5C0054	TR 2SC5562
Q932	3AEF0035	TR DTC144EKA-T146(0)
Q933	3AEF0040	TR SMD DTB114EK
Q9E1	3AEF0035	TR DTC144EKA-T146(0)
QA70A	3AEF0035	TR DTC144EKA-T146(0)
QA70B	3AEC0052	TR SMD 2SC3356(M)
QA70G	3AEC0052	TR SMD 2SC3356(M)
QA70R	3AEC0052	TR SMD 2SC3356(M)
QA71A	3AEE0038	FET SMD 2SJ356-T1 P
QA71B	3AEF0037	TR SMD DTA144EKA
QA71G	3AEF0037	TR SMD DTA144EKA
QA71R	3AEF0037	TR SMD DTA144EKA

SYMBOL	PART NO	DESCRIPTION
QA72A	3AEF0037	TR SMD DTA144EKA
QA72B	3AEF0037	TR SMD DTA144EKA
QA72G	3AEF0037	TR SMD DTA144EKA
QA72R	3AEF0037	TR SMD DTA144EKA
QA73B	3AEF0037	TR SMD DTA144EKA
QA73G	3AEF0037	TR SMD DTA144EKA
QA73R	3AEF0037	TR SMD DTA144EKA
QA80B	3AEC0052	TR SMD 2SC3356(M)
QA80G	3AEC0052	TR SMD 2SC3356(M)
QA80R	3AEC0052	TR SMD 2SC3356(M)
QA81B	3AEF0037	TR SMD DTA144EKA
QA81G	3AEF0037	TR SMD DTA144EKA
QA81R	3AEF0037	TR SMD DTA144EKA
QA82B	3AEF0037	TR SMD DTA144EKA
QA82G	3AEF0037	TR SMD DTA144EKA
QA82R	3AEF0037	TR SMD DTA144EKA
QA83B	3AEF0037	TR SMD DTA144EKA
QA83G	3AEF0037	TR SMD DTA144EKA
QA83R	3AEF0037	TR SMD DTA144EKA
QAA1	3AEF0035	TR DTC144EKA-T146(0)
QAH1	3AEA0028	TR SMD 2SA1434-TB
QAH2	3AEA0028	TR SMD 2SA1434-TB
QAM1	3AEC0053	TR SMD 2SC3734
QAM2	3AEC0053	TR SMD 2SC3734
QAN1	3AEA0028	TR SMD 2SA1434-TB
QAN2	3AEA0028	TR SMD 2SA1434-TB
QKF1	3AEA0027	TR 2SA1037AK-T146 Q

*** DIODES ***

D151	3AFK1009	DI SMD 1SS355 TE-17
D152	3AFA0029	DI RB715F-T106
D221	3AFK9002	DI SFPB-64
D222	3AFK1009	DI SMD 1SS355 TE-17
D271	3AFK1009	DI SMD 1SS355 TE-17
D272	3AFK1009	DI SMD 1SS355 TE-17
D273	3AFK1009	DI SMD 1SS355 TE-17
D274	3AFA0112	DI SMD RB495D
D275	3AFA0112	DI SMD RB495D
D2A1	3AFK9002	DI SFPB-64
D2M1	3AFK9002	DI SFPB-64
D901	3A609011	DI D3SBA60
D902	3A6A0075	DI RM10A
D907	3A6A0120	DI EG01CV1-T
D911	3A6C0022	DI SMD 1SR156-400
D912	3AFK1006	DI MA2Z001
D913	3AFK9010	DI DG1M3
D914	3AFK9010	DI DG1M3
D915	3AFK1006	DI MA2Z001

SYMBOL	PART NO	DESCRIPTION
D930	3AFK1009	DI SMD 1SS355 TE-17
D951	3A610091	DI FMX-22S
D9A1	3A6A0120	DI EG01CV1-T
D9A2	3AFK1006	DI MA2Z001
D9E1	3A609003	DI RK39(LF-C1)
D9X1	3A610069	DI FMG-G26S
D9X2	3AFC0001	DI SFPL-52
DA01	3AFK1008	DI SMD DAN217 T146
DA02	3AFK1008	DI SMD DAN217 T146
DA03	3AFK1008	DI SMD DAN217 T146
DA04	3AFK1009	DI SMD 1SS355 TE-17
DA11	3AFK1008	DI SMD DAN217 T146
DA12	3AFK1008	DI SMD DAN217 T146
DA13	3AFK1008	DI SMD DAN217 T146
DA70A	3A6K1005	DI 1SS356
DA71B	3A6K1005	DI 1SS356
DA71G	3A6K1005	DI 1SS356
DA71R	3A6K1005	DI 1SS356
DA72B	3A6K1005	DI 1SS356
DA72G	3A6K1005	DI 1SS356
DA72R	3A6K1005	DI 1SS356
DA73B	3A6K1005	DI 1SS356
DA73G	3A6K1005	DI 1SS356
DA73R	3A6K1005	DI 1SS356
DA80A	3A6K1005	DI 1SS356
DA81B	3A6K1005	DI 1SS356
DA81G	3A6K1005	DI 1SS356
DA81R	3A6K1005	DI 1SS356
DA82B	3A6K1005	DI 1SS356
DA82G	3A6K1005	DI 1SS356
DA82R	3A6K1005	DI 1SS356
DA83B	3A6K1005	DI 1SS356
DA83G	3A6K1005	DI 1SS356
DA83R	3A6K1005	DI 1SS356
ZD8G2	3AFK5505	DI STZ6.2N
ZD908	3AFK5741	ZD SMD UDZS 7.5B TE-17
ZD910	3AFK6102	ZD SMD UDZS27B
ZD917	3AFK6101	ZD SMD UDZS18B
ZD918	3AFK5742	ZD SMD UDZS 5.1B TE-17
ZD919	3AFK6100	ZD SMD UDZS4.7B
ZD920	3AFK6102	ZD SMD UDZS27B
ZD930	3AFK5741	ZD SMD UDZS 7.5B TE-17
ZD9A4	3AFK6101	ZD SMD UDZS18B
ZDA01	3AFK5506	DI NNCD6.2MG
ZDA11	3AFK5506	DI NNCD6.2MG

*** TRANSFORMERS ***

T901	4A530011	TRANS SWITH ST-1102A
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SYMBOL	PART NO	DESCRIPTION
T9A1	4A530007	SWTCHING TRANS L2.3MH

*** RELAYS & SWITCHES ***

SW901	6A530001	SWITCH,SEESAW SDDJE12400
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*** PWB ASSYS ***

X01	8BEV1M01	ASSY-PWB-MAIN
X02	8BEV1P01	ASSY-PWB-POWER
X7A01	7A930026	SKD LCD2080UX INVERTER

*** COILS & FILTERS ***

FL203	6AAK2004	FILTER,NOISE
FL2M1	6AAK2004	FILTER,NOISE
FL901	6A101870	L FILTER LFZ28H05
IN901	4A660003	LINE FILTER 03ME3G
L115	6AAK2070	L BEAD SMD BK1608LM252
L116	6AAK2070	L BEAD SMD BK1608LM252
L117	6AAK2070	L BEAD SMD BK1608LM252
L118	6AAK2070	L BEAD SMD BK1608LM252
L119	6AAK2070	L BEAD SMD BK1608LM252
L120	6AAK2070	L BEAD SMD BK1608LM252
L121	6AAK2070	L BEAD SMD BK1608LM252
L122	6AAK2070	L BEAD SMD BK1608LM252
L123	6AAK2070	L BEAD SMD BK1608LM252
L125	6AAK2070	L BEAD SMD BK1608LM252
L221	6AAK2005	CHIP COIL FBMH3216HM501NT
L222	6AAK2005	CHIP COIL FBMH3216HM501NT
L223	6AAK2107	SLF10145T-101M1R0
L261	6AAK2005	CHIP COIL FBMH3216HM501NT
L262	6AAK2311	COIL BEAD FBMH4525HM102NT
L263	6AAK2005	CHIP COIL FBMH3216HM501NT
L271	6AAK2005	CHIP COIL FBMH3216HM501NT
L272	6AAK2005	CHIP COIL FBMH3216HM501NT
L2A1	6AAK2107	SLF10145T-101M1R0
L2A2	6AAK2005	CHIP COIL FBMH3216HM501NT
L2M1	6A1K1867	L NOISE FILTER SMD 100UH
L405	6AAK2005	CHIP COIL FBMH3216HM501NT
L406	6AAK2005	CHIP COIL FBMH3216HM501NT
L451	6AAK2070	L BEAD SMD BK1608LM252
L452	6AAK2010	FERRITE,CHIP BK1608HS800-
L453	6AAK2010	FERRITE,CHIP BK1608HS800-
L454	6AAK2070	L BEAD SMD BK1608LM252
L459	6AAK2070	L BEAD SMD BK1608LM252
L4A1	6AAK2070	L BEAD SMD BK1608LM252
L4A2	6AAK2005	CHIP COIL FBMH3216HM501NT
L4A3	6AAK2005	CHIP COIL FBMH3216HM501NT
L4A4	6AAK2369	L BEAD SMD BKP1608HS330
L4A5	6AAK2369	L BEAD SMD BKP1608HS330

SYMBOL	PART NO	DESCRIPTION
L551	6AAK2080	L BEAD SMD BK1608HS601
L552	6AAK2080	L BEAD SMD BK1608HS601
L553	6AAK2080	L BEAD SMD BK1608HS601
L561	6AAK2080	L BEAD SMD BK1608HS601
L562	6AAK2080	L BEAD SMD BK1608HS601
L563	6AAK2080	L BEAD SMD BK1608HS601
L951	6A101868	L SBC7-100-532
L9A1	6AAK2162	LEMC3225T101K
L9E1	6A1K2124	L CHOKE 10UH 3.7A TSL1112
L9X1	6A101869	L PFC COIL 77A-2702
L9X2	6A109001	L CHOKE 72UH 2A
LAA3	6AAK2369	L BEAD SMD BKP1608HS330
LAA4	6AAK2369	L BEAD SMD BKP1608HS330
LAA5	6AAK2369	L BEAD SMD BKP1608HS330
LAA6	6AAK2369	L BEAD SMD BKP1608HS330
LAA7	6AAK2369	L BEAD SMD BKP1608HS330
LAH1	6AAK2369	L BEAD SMD BKP1608HS330
LAH2	6AAK2369	L BEAD SMD BKP1608HS330
LAN1	6AAK2369	L BEAD SMD BKP1608HS330
LAN2	6AAK2369	L BEAD SMD BKP1608HS330
X801	6AAF0004	CERALOCK CSTCR7M37G53-R0

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

CNA01	7A057042	CN CA-29DVI2SIR-X-X
CNA02	7A057043	CN DV11201-P8(BLUE)
CNA03	7A057041	CN CA-24DVI2SDR-X-X
F901	6A600255	FUSE SG5013 250V 3.15A
OSC4A1	6ADE0004	CRYSTAL SG-8002JF PCC 55M
PC901	3A820003	IC PC123Y22 PHOTO
PC911	3A820003	IC PC123Y22 PHOTO
PC9A1	3A820003	IC PC123Y22 PHOTO
TH901	3A810010	NTCR 10D2-10LC
VD901	3A0K0009	VARISTOR ENE471D-10A
X3A01	3A684034	LCD LM201U03 LGPHILIPS
X402	6A410026	OSC XTAL SMD HC-49U03C
XD7A01	7A392037	CABLE BUTTON BLK
XD7A02	7A391005	DVI_D-DVI_D CABLE 2.0M BK
XD7A03	7A391011	DVI_A-VGA CABLE 2.0M BK
XD7A04	7A082005	POWER CORD E3 L1.95 BK
XD7A09	7A960491	CD PIVOT LVIEW,NEC(A,B)

*** APPEARANCE PARTS ***

X5501	25551401	BRACKET BASE ASSY,L202EV
XD2601	25261651	STAND UNIT,L202EV-BK
XD3201	25327491	BEZEL,L202EV-BK(AB)-N
XD3202	25327501	BACK ASSY,L202EV-BK(AB)-N
XD4301	25435791	STAND COVER TB,L202EV-BK
XD4302	25435801	COVER CABLE,L202EV-BK

SYMBOL	PART NO	DESCRIPTION
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*** PRINTED & PACKING MATERIALS ***

X7901	25792531	LABEL,PIVOT
X7902	25793801	LABEL(AMBIX+)
X8401	25841201	FILLER T,L202EV
X8402	25841211	FILLER B,L202EV
X8403	25841501	FILLER C,L202EV
X8404	25841511	PROTECTION SHEET
XD7901	25794912	RATING LABEL,L202EV-BK-AB
XD7902	25795332	LABEL BARCODE,L202EV-BKB
XD7903	25795382	LABEL REV,L202EV-BKB
XD7A05	7A813161	ACCESSORY LCD2080UX(B)
XD7A06	7A861761	SHEET SETUP,L202EV(B)
XD7A07	7A861541	SHEET-CAUTION
XD8401	25841241	CARTON BOX,L202EV-WH(B)-N
XD8402	25841531	PACKING BAG
XD8403	25841311	CARTON SHEET,L202EV

*** RESISTORS ***

J921	4AAA1065	R SMD METAL 1/8W 0 OHM
J923	4AAA1065	R SMD METAL 1/8W 0 OHM
J924	4AAA1065	R SMD METAL 1/8W 0 OHM
J925	4AAA1065	R SMD METAL 1/8W 0 OHM
J926	4AAA1065	R SMD METAL 1/8W 0 OHM
J927	4AAA1065	R SMD METAL 1/8W 0 OHM
J928	4AAA1065	R SMD METAL 1/8W 0 OHM
J929	4AAA1065	R SMD METAL 1/8W 0 OHM
J930	4AKE1081	R SMD METAL 1/4W 0OHM
J940	4AAA1065	R SMD METAL 1/8W 0 OHM
J961	4AAA1065	R SMD METAL 1/8W 0 OHM
J962	4AAA1065	R SMD METAL 1/8W 0 OHM
MR401	4ACF1282	R SMD NET 1/16W 150 J
MR402	4ACF1282	R SMD NET 1/16W 150 J
MR403	4ACF1282	R SMD NET 1/16W 150 J
MR404	4ACF1282	R SMD NET 1/16W 150 J
MR405	4ACF1282	R SMD NET 1/16W 150 J
MR406	4ACF1282	R SMD NET 1/16W 150 J
MR407	4ACF1282	R SMD NET 1/16W 150 J
MR408	4ACF1282	R SMD NET 1/16W 150 J
MR409	4ACF1282	R SMD NET 1/16W 150 J
MR410	4ACF1282	R SMD NET 1/16W 150 J
MR411	4ACF1282	R SMD NET 1/16W 150 J
MR412	4ACF1282	R SMD NET 1/16W 150 J
MR4G1	4ACF1202	R SMD NET 1/16W 33 J
MR4G3	4ACF1202	R SMD NET 1/16W 33 J
MR4G5	4ACF1202	R SMD NET 1/16W 33 J
MR4G7	4ACF1202	R SMD NET 1/16W 33 J
MR4G9	4ACF1202	R SMD NET 1/16W 33 J

SYMBOL	PART NO	DESCRIPTION
MR4H1	4ACF1202	R SMD NET 1/16W 33 J
MRA01	4ACF1203	R SMD NET 1/16W 100 J
MRA03	4ACF1203	R SMD NET 1/16W 100 J
MRA05	4ACF1203	R SMD NET 1/16W 100 J
MRA07	4ACF1203	R SMD NET 1/16W 100 J
MRA09	4ACF1203	R SMD NET 1/16W 100 J
MRA11	4ACF1203	R SMD NET 1/16W 100 J
MRK01	4ACF1202	R SMD NET 1/16W 33 J
MRK03	4ACF1202	R SMD NET 1/16W 33 J
MRK05	4ACF1202	R SMD NET 1/16W 33 J
MRK07	4ACF1202	R SMD NET 1/16W 33 J
MRK09	4ACF1202	R SMD NET 1/16W 33 J
MRK11	4ACF1202	R SMD NET 1/16W 33 J
MRK13	4ACF1202	R SMD NET 1/16W 33 J
MRK15	4ACF1202	R SMD NET 1/16W 33 J
MRK17	4ACF1202	R SMD NET 1/16W 33 J
MRK19	4ACF1202	R SMD NET 1/16W 33 J
MRK21	4ACF1202	R SMD NET 1/16W 33 J
MRK23	4ACF1202	R SMD NET 1/16W 33 J
R101	4AAA3489	R,METAL 4.7KH 5% 1/16W
R102	4AAA3489	R,METAL 4.7KH 5% 1/16W
R103	4ABE2031	R SMD METAL 1/16W 180 F
R105	4AAA3489	R,METAL 4.7KH 5% 1/16W
R106	4AAA3489	R,METAL 4.7KH 5% 1/16W
R107	4ABE2031	R SMD METAL 1/16W 180 F
R117	4AKB1028	R SMD METAL 1/10W 1K J
R118	4AKB1028	R SMD METAL 1/10W 1K J
R119	4AKB1028	R SMD METAL 1/10W 1K J
R120	4AKB1028	R SMD METAL 1/10W 1K J
R121	4AKB1028	R SMD METAL 1/10W 1K J
R122	4AKB1028	R SMD METAL 1/10W 1K J
R123	4AKB1028	R SMD METAL 1/10W 1K J
R125	4AKB1028	R SMD METAL 1/10W 1K J
R151	4ABE2053	R SMD METAL 1/16W 1.5K F
R152	4AAA3483	R,METAL 2.7KH 5% 1/16W
R153	4AAA3497	R,METAL 10KH 5% 1/16W
R154	4AAA3483	R,METAL 2.7KH 5% 1/16W
R155	4AAA3443	R,METAL 56H 5% 1/16W
R156	4AAA3543	R,METAL 820KH 5% 1/16W
R157	4AAA3497	R,METAL 10KH 5% 1/16W
R158	4AAA3515	R,METAL 56KH 5% 1/16W
R159	4AAA3497	R,METAL 10KH 5% 1/16W
R15A	4AAA3497	R,METAL 10KH 5% 1/16W
R15E	4AAA3497	R,METAL 10KH 5% 1/16W
R15F	4AAA3473	R,METAL 1.0KH 5% 1/16W
R15L	4AAA3473	R,METAL 1.0KH 5% 1/16W
R201	4AAA3473	R,METAL 1.0KH 5% 1/16W
R202	4ABE2091	R SMD METAL 1/16W 56K F

SYMBOL	PART NO	DESCRIPTION
R203	4ABE2085	R SMD METAL 1/16W 33K F
R221	4ABE2055	R SMD METAL 1/16W 1.8K F
R222	4ABE2083	R SMD METAL 1/16W 27K F
R223	4ABE2051	R SMD METAL 1/16W 1.2K F
R224	4ABE2084	R SMD METAL 1/16W 30K F
R225	4AAA3473	R,METAL 1.0KH 5% 1/16W
R226	4AAA3473	R,METAL 1.0KH 5% 1/16W
R261	4AAA3509	R,METAL 33KH 5% 1/16W
R262	4AAA3509	R,METAL 33KH 5% 1/16W
R266	4ABE2105	R SMD METAL 1/16W 150K F
R267	4ABE2085	R SMD METAL 1/16W 33K F
R268	4ACF1070	R SMD TFC 1/2W 680 J
R269	4ACF1070	R SMD TFC 1/2W 680 J
R26A	4AAA3473	R,METAL 1.0KH 5% 1/16W
R271	4AAA3481	R,METAL 2.2KH 5% 1/16W
R272	4AAA3491	R,METAL 5.6KH 5% 1/16W
R273	4ABE2091	R SMD METAL 1/16W 56K F
R274	4ABE2085	R SMD METAL 1/16W 33K F
R274A	4ABE2057	R SMD METAL 1/16W 2.2K F
R275	4AAA3485	R,METAL 3.3KH 5% 1/16W
R276	4ABE2085	R SMD METAL 1/16W 33K F
R277	4ABE2085	R SMD METAL 1/16W 33K F
R277A	4ABE2051	R SMD METAL 1/16W 1.2K F
R278	4AAA3497	R,METAL 10KH 5% 1/16W
R2A1	4AAA3443	R,METAL 56H 5% 1/16W
R2A2	4AAA3443	R,METAL 56H 5% 1/16W
R2A3	4ABE2039	R SMD METAL 1/16W 390 F
R2A4	4ABE2049	R SMD METAL 1/16W 1K F
R2A5	4ABE2071	R SMD METAL 1/16W 8.2K F
R2A7	4AAA3473	R,METAL 1.0KH 5% 1/16W
R2M1	4ABE2065	R SMD METAL 1/16W 4.7K F
R2M2	4ABE2081	R SMD METAL 1/16W 22K F
R2M3	4ABE2051	R SMD METAL 1/16W 1.2K F
R2M4	4ABE2065	R SMD METAL 1/16W 4.7K F
R2M5	4ABE2023	R SMD METAL 1/16W 82 F
R402	4ABE2020	R SMD METAL 1/16W 62 F
R403	4AAA3400	R,METAL 0.0H 5% 1/16W
R405	4AAA3400	R,METAL 0.0H 5% 1/16W
R409	4AAA3473	R,METAL 1.0KH 5% 1/16W
R412	4AAA3443	R,METAL 56H 5% 1/16W
R415	4AAA3473	R,METAL 1.0KH 5% 1/16W
R416	4AAA3513	R,METAL 47KH 5% 1/16W
R418	4AAA3400	R,METAL 0.0H 5% 1/16W
R422	4AAA3400	R,METAL 0.0H 5% 1/16W
R429	4AAA3449	R,METAL 100H 5% 1/16W
R430	4AAA3449	R,METAL 100H 5% 1/16W
R433	4AAA3443	R,METAL 56H 5% 1/16W
R435	4AAA3443	R,METAL 56H 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
R449	4AAA3481	R,METAL 2.2KH 5% 1/16W
R451	4AAA3485	R,METAL 3.3KH 5% 1/16W
R452	4AAA3485	R,METAL 3.3KH 5% 1/16W
R453	4AAA3497	R,METAL 10KH 5% 1/16W
R454	4AAA3513	R,METAL 47KH 5% 1/16W
R455	4AAA3473	R,METAL 1.0KH 5% 1/16W
R456	4AAA3449	R,METAL 100H 5% 1/16W
R457	4AAA3473	R,METAL 1.0KH 5% 1/16W
R458	4AAA3513	R,METAL 47KH 5% 1/16W
R459	4AAA3513	R,METAL 47KH 5% 1/16W
R45E	4AAA3497	R,METAL 10KH 5% 1/16W
R45K	4AAA3497	R,METAL 10KH 5% 1/16W
R45P	4AAA3449	R,METAL 100H 5% 1/16W
R45T	4AAA3449	R,METAL 100H 5% 1/16W
R463	4AAA3497	R,METAL 10KH 5% 1/16W
R464	4AAA3497	R,METAL 10KH 5% 1/16W
R465	4AAA3449	R,METAL 100H 5% 1/16W
R466	4AAA3449	R,METAL 100H 5% 1/16W
R467	4AAA3449	R,METAL 100H 5% 1/16W
R468	4AAA3449	R,METAL 100H 5% 1/16W
R470	4AAA3473	R,METAL 1.0KH 5% 1/16W
R4A2	4AAA3443	R,METAL 56H 5% 1/16W
R4A3	4AAA3437	R,METAL 33H 5% 1/16W
R4A4	4AAA3437	R,METAL 33H 5% 1/16W
R4A5	4AAA3437	R,METAL 33H 5% 1/16W
R4A6	4AAA3437	R,METAL 33H 5% 1/16W
R4A7	4AAA3437	R,METAL 33H 5% 1/16W
R4A8	4AAA3437	R,METAL 33H 5% 1/16W
R4A9	4AAA3437	R,METAL 33H 5% 1/16W
R4AK	4AAA3437	R,METAL 33H 5% 1/16W
R4AL	4AAA3437	R,METAL 33H 5% 1/16W
R4AM	4AAA3437	R,METAL 33H 5% 1/16W
R4AN	4AAA3437	R,METAL 33H 5% 1/16W
R4AP	4AAA3437	R,METAL 33H 5% 1/16W
R4AT	4AAA3437	R,METAL 33H 5% 1/16W
R4E0	4AAA3437	R,METAL 33H 5% 1/16W
R4E1	4AAA3437	R,METAL 33H 5% 1/16W
R4E2	4AAA3437	R,METAL 33H 5% 1/16W
R4E3	4AAA3437	R,METAL 33H 5% 1/16W
R4E4	4AAA3437	R,METAL 33H 5% 1/16W
R4E5	4AAA3449	R,METAL 100H 5% 1/16W
R4E6	4AAA3449	R,METAL 100H 5% 1/16W
R4E7	4AAA3449	R,METAL 100H 5% 1/16W
R4E8	4AAA3449	R,METAL 100H 5% 1/16W
R4E9	4AAA3449	R,METAL 100H 5% 1/16W
R4EA	4AAA3497	R,METAL 10KH 5% 1/16W
R550	4AAA3090	R,CHIP 1/8W 5.1K 5%
R801	4AAA3505	R,METAL 22KH 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
R802	4AAA3497	R,METAL 10KH 5% 1/16W
R803	4ABE2083	R SMD METAL 1/16W 27K F
R805	4ABE2082	R SMD METAL 1/16W 24K F
R806	4AAA3513	R,METAL 47KH 5% 1/16W
R807	4AAA3497	R,METAL 10KH 5% 1/16W
R808	4AAA3497	R,METAL 10KH 5% 1/16W
R809	4AAA3497	R,METAL 10KH 5% 1/16W
R811	4AAA3449	R,METAL 100H 5% 1/16W
R812	4AAA3449	R,METAL 100H 5% 1/16W
R813	4AAA3437	R,METAL 33H 5% 1/16W
R814	4AAA3437	R,METAL 33H 5% 1/16W
R815	4AAA3437	R,METAL 33H 5% 1/16W
R816	4AAA3437	R,METAL 33H 5% 1/16W
R818	4AAA3437	R,METAL 33H 5% 1/16W
R819	4AAA3437	R,METAL 33H 5% 1/16W
R820	4AAA3437	R,METAL 33H 5% 1/16W
R821	4AAA3449	R,METAL 100H 5% 1/16W
R822	4AAA3449	R,METAL 100H 5% 1/16W
R823	4AAA3449	R,METAL 100H 5% 1/16W
R826	4AAA3449	R,METAL 100H 5% 1/16W
R827	4AAA3449	R,METAL 100H 5% 1/16W
R828	4AAA3513	R,METAL 47KH 5% 1/16W
R829	4AAA3513	R,METAL 47KH 5% 1/16W
R830	4AAA3513	R,METAL 47KH 5% 1/16W
R831	4AAA3449	R,METAL 100H 5% 1/16W
R832	4AAA3449	R,METAL 100H 5% 1/16W
R833	4AAA3449	R,METAL 100H 5% 1/16W
R834	4AAA3513	R,METAL 47KH 5% 1/16W
R838	4AAA3437	R,METAL 33H 5% 1/16W
R839	4AAA3449	R,METAL 100H 5% 1/16W
R840	4AAA3449	R,METAL 100H 5% 1/16W
R841	4AAA3449	R,METAL 100H 5% 1/16W
R842	4AAA3513	R,METAL 47KH 5% 1/16W
R844	4AAA3513	R,METAL 47KH 5% 1/16W
R845	4AAA3513	R,METAL 47KH 5% 1/16W
R846	4AAA3505	R,METAL 22KH 5% 1/16W
R849	4ABE2079	R SMD METAL 1/16W 18K F
R850	4ABE2109	R SMD METAL 1/16W 220K F
R883	4AAA3505	R,METAL 22KH 5% 1/16W
R885	4AAA3505	R,METAL 22KH 5% 1/16W
R886	4AAA3505	R,METAL 22KH 5% 1/16W
R887	4AAA3505	R,METAL 22KH 5% 1/16W
R889	4AAA3505	R,METAL 22KH 5% 1/16W
R890	4AAA3505	R,METAL 22KH 5% 1/16W
R891	4AAA3505	R,METAL 22KH 5% 1/16W
R8A2	4AKG1037	R,CHIP 33H 5% 1W
R8A4	4AAA3449	R,METAL 100H 5% 1/16W
R8A5	4AAA3449	R,METAL 100H 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
R8A6	4AAA3513	R,METAL 47KH 5% 1/16W
R8A7	4AAA3513	R,METAL 47KH 5% 1/16W
R8AA	4AAA3513	R,METAL 47KH 5% 1/16W
R8AE	4AAA3513	R,METAL 47KH 5% 1/16W
R8AL	4AAA3513	R,METAL 47KH 5% 1/16W
R8AX	4AAA3513	R,METAL 47KH 5% 1/16W
R8AY	4AAA3513	R,METAL 47KH 5% 1/16W
R8E1	4AAA3513	R,METAL 47KH 5% 1/16W
R8E7	4AAA3513	R,METAL 47KH 5% 1/16W
R8E8	4AAA3513	R,METAL 47KH 5% 1/16W
R8E9	4AAA3513	R,METAL 47KH 5% 1/16W
R8EA	4AAA3513	R,METAL 47KH 5% 1/16W
R8EF	4AAA3513	R,METAL 47KH 5% 1/16W
R8F2	4AKG1037	R,CHIP 33H 5% 1W
R8F3	4AAA3497	R,METAL 10KH 5% 1/16W
R8F4	4AAA3449	R,METAL 100H 5% 1/16W
R8F5	4AAA3449	R,METAL 100H 5% 1/16W
R8F6	4AAA3513	R,METAL 47KH 5% 1/16W
R8F7	4AAA3513	R,METAL 47KH 5% 1/16W
R8FX	4AAA3513	R,METAL 47KH 5% 1/16W
R8FY	4AAA3513	R,METAL 47KH 5% 1/16W
R8G2	4AKG1037	R,CHIP 33H 5% 1W
R8G3	4AAA3497	R,METAL 10KH 5% 1/16W
R8G4	4AAA3449	R,METAL 100H 5% 1/16W
R8G5	4AAA3449	R,METAL 100H 5% 1/16W
R901	4AAA1060	R SMD METAL 1/8W 470K J
R902	4AAA1060	R SMD METAL 1/8W 470K J
R903	4AAA1060	R SMD METAL 1/8W 470K J
R904	4AAA1064	R SMD METAL 1/8W 1M J
R905	4AAA1064	R SMD METAL 1/8W 1M J
R906	4AAA1064	R SMD METAL 1/8W 1M J
R907	4A231049	R METAL 2W 100K J
R908	4AKE1032	R SMD METAL 1/4W 2.2K J
R909	4A231074	R METAL 2W 0.33 J
R910	4AKB1044	R SMD METAL 1/10W 22K J
R911	4AKB7002	R SMD METAL 1/10W 4.7 K
R912	4AAA2073	R SMD METAL 1/8W 10K F
R913	4AKB2126	R SMD METAL 1/10W 680 F
R914	4AKB1052	R SMD METAL 1/10W 100K J
R915	4A0E1089	R CARBON 1/4W 5.6 J
R916	4AKB1020	R SMD METAL 1/10W 220 J
R917	4AKB1024	R SMD METAL 1/10W 470 J
R918	4AKB1016	R SMD METAL 1/10W 100 J
R920	4AKB1040	R SMD METAL 1/10W 10K J
R921	4AKB1046	R SMD METAL 1/10W 33K J
R922	4AAA1046	R SMD METAL 1/8W 33K J
R923	4AKB1040	R SMD METAL 1/10W 10K J
R924	4AKB1040	R SMD METAL 1/10W 10K J

SYMBOL	PART NO	DESCRIPTION
R925	4AKB1046	R SMD METAL 1/10W 33K J
R926	4AKB2171	R SMD METAL 1/10W 9.1K F
R927	4AKB1052	R SMD METAL 1/10W 100K J
R928	4AKB2140	R SMD METAL 1/10W 10K F
R929	4AKB1040	R SMD METAL 1/10W 10K J
R931	4AKB1044	R SMD METAL 1/10W 22K J
R933	4AKB1052	R SMD METAL 1/10W 100K J
R934	4AKB1040	R SMD METAL 1/10W 10K J
R935	4AAA1064	R SMD METAL 1/8W 1M J
R936	4AAA1064	R SMD METAL 1/8W 1M J
R937	4AAA1064	R SMD METAL 1/8W 1M J
R951	4AKB1029	R SMD METAL 1/10W 1.2K J
R952	4AKB2176	R SMD METAL 1/10W 7.5K F
R953	4AKB2165	R SMD METAL 1/10W 6.2K F
R954	4AKB2132	R SMD METAL 1/10W 2.2K F
R955	4AKB1072	R SMD METAL 1/10W 0OHM
R956	4AKB1028	R SMD METAL 1/10W 1K J
R9A2	4A221045	R METAL 1W 47K J
R9A3	4AKB1009	R SMD METAL 1/10W 27 J
R9A4	4AAA1028	R SMD METAL 1/8W 1K J
R9A5	4AKB1035	R SMD METAL 1/10W 3.9K J
R9A6	4AKB1072	R SMD METAL 1/10W 0OHM
R9A7	4AKB1040	R SMD METAL 1/10W 10K J
R9A8	4AAA1016	R SMD METAL 1/8W 100 J
R9E1	4AKB1016	R SMD METAL 1/10W 100 J
R9E2	4AKB2128	R SMD METAL 1/10W 1K F
R9E3	4AKB1008	R SMD METAL 1/10W 22 J
R9E4	4AKB2128	R SMD METAL 1/10W 1K F
R9E6	4AKB1072	R SMD METAL 1/10W 0OHM
R9E7	4AKB1035	R SMD METAL 1/10W 3.9K J
R9X1	4AAA3153	R,CHIP 1/8W 2.2M 5%
R9X2	4AAA3153	R,CHIP 1/8W 2.2M 5%
R9X4	4AKB1046	R SMD METAL 1/10W 33K J
R9X5	4AAA3342	R,CHIP 1/8W 750K 1%
R9X6	4AAA3342	R,CHIP 1/8W 750K 1%
R9X7	4AAA3341	R,CHIP 1/8W 680K 1%
R9X8	4AKB2144	R SMD METAL 1/10W 22K F
R9X9	4AAA1044	R SMD METAL 1/8W 22K J
R9Y1	4AKB1028	R SMD METAL 1/10W 1K J
R9Y2	4AKB1016	R SMD METAL 1/10W 100 J
R9Y3	4A231074	R METAL 2W 0.33 J
RA03	4AAA3437	R,METAL 33H 5% 1/16W
RA04	4AAA3437	R,METAL 33H 5% 1/16W
RA05	4AAA3437	R,METAL 33H 5% 1/16W
RA06	4AAA3437	R,METAL 33H 5% 1/16W
RA07	4AAA3481	R,METAL 2.2KH 5% 1/16W
RA08	4AAA3481	R,METAL 2.2KH 5% 1/16W
RA11	4AAA3425	R,METAL 10H 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
RA12	4AAA3425	R,METAL 10H 5% 1/16W
RA19	4AAA3437	R,METAL 33H 5% 1/16W
RA20	4AAA3437	R,METAL 33H 5% 1/16W
RA21	4AAA3437	R,METAL 33H 5% 1/16W
RA22	4AAA3437	R,METAL 33H 5% 1/16W
RA23	4AAA3437	R,METAL 33H 5% 1/16W
RA24	4AAA3437	R,METAL 33H 5% 1/16W
RA27	4AAA3449	R,METAL 100H 5% 1/16W
RA28	4AAA3449	R,METAL 100H 5% 1/16W
RA29	4AAA3449	R,METAL 100H 5% 1/16W
RA30	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA34	4AAA3497	R,METAL 10KH 5% 1/16W
RA37	4AAA3437	R,METAL 33H 5% 1/16W
RA43	4AAA3497	R,METAL 10KH 5% 1/16W
RA44	4AAA3497	R,METAL 10KH 5% 1/16W
RA4A	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA4E	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA70A	4AAA3505	R,METAL 22KH 5% 1/16W
RA70B	4ABE2022	R SMD METAL 1/16W 75 F
RA70G	4ABE2022	R SMD METAL 1/16W 75 F
RA70R	4ABE2022	R SMD METAL 1/16W 75 F
RA71A	4AAA3449	R,METAL 100H 5% 1/16W
RA71B	4AAA3497	R,METAL 10KH 5% 1/16W
RA71G	4AAA3497	R,METAL 10KH 5% 1/16W
RA71R	4AAA3497	R,METAL 10KH 5% 1/16W
RA72A	4AAA3461	R,METAL 330H 5% 1/16W
RA72B	4AAA3501	R,METAL 15KH 5% 1/16W
RA72G	4AAA3501	R,METAL 15KH 5% 1/16W
RA72R	4AAA3501	R,METAL 15KH 5% 1/16W
RA73A	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA73B	4AAA3449	R,METAL 100H 5% 1/16W
RA73G	4AAA3449	R,METAL 100H 5% 1/16W
RA73R	4AAA3449	R,METAL 100H 5% 1/16W
RA74A	4ABE2033	R SMD METAL 1/16W 220 F
RA74B	4AAA3461	R,METAL 330H 5% 1/16W
RA74G	4AAA3461	R,METAL 330H 5% 1/16W
RA74R	4AAA3461	R,METAL 330H 5% 1/16W
RA75A	4ABE2042	R SMD METAL 1/16W 510 F
RA75B	4AAA3441	R,METAL 47H 5% 1/16W
RA75G	4AAA3441	R,METAL 47H 5% 1/16W
RA75R	4AAA3441	R,METAL 47H 5% 1/16W
RA76A	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA76B	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA76G	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA76R	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA77A	4AAA3471	R,METAL 820H 5% 1/16W
RA77B	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA77G	4AAA3473	R,METAL 1.0KH 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
RA77R	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA78A	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA78B	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA78G	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA78R	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA79A	4AAA3449	R,METAL 100H 5% 1/16W
RA79B	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA79G	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA79R	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA7AA	4AAA3449	R,METAL 100H 5% 1/16W
RA7AB	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA7AG	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA7AR	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA7EA	4AAA3485	R,METAL 3.3KH 5% 1/16W
RA7HB	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA7HG	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA7HR	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA7LA	4AAA3400	R,METAL 0.0H 5% 1/16W
RA80B	4ABE2022	R SMD METAL 1/16W 75 F
RA80G	4ABE2022	R SMD METAL 1/16W 75 F
RA80R	4ABE2022	R SMD METAL 1/16W 75 F
RA81B	4AAA3497	R,METAL 10KH 5% 1/16W
RA81G	4AAA3497	R,METAL 10KH 5% 1/16W
RA81R	4AAA3497	R,METAL 10KH 5% 1/16W
RA82A	4AAA3461	R,METAL 330H 5% 1/16W
RA82B	4AAA3501	R,METAL 15KH 5% 1/16W
RA82G	4AAA3501	R,METAL 15KH 5% 1/16W
RA82R	4AAA3501	R,METAL 15KH 5% 1/16W
RA83	4AAA3437	R,METAL 33H 5% 1/16W
RA83A	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA83B	4AAA3449	R,METAL 100H 5% 1/16W
RA83G	4AAA3449	R,METAL 100H 5% 1/16W
RA83R	4AAA3449	R,METAL 100H 5% 1/16W
RA84	4AAA3437	R,METAL 33H 5% 1/16W
RA84A	4ABE2033	R SMD METAL 1/16W 220 F
RA84B	4AAA3461	R,METAL 330H 5% 1/16W
RA84G	4AAA3461	R,METAL 330H 5% 1/16W
RA84R	4AAA3461	R,METAL 330H 5% 1/16W
RA85A	4ABE2042	R SMD METAL 1/16W 510 F
RA85B	4AAA3441	R,METAL 47H 5% 1/16W
RA85G	4AAA3441	R,METAL 47H 5% 1/16W
RA85R	4AAA3441	R,METAL 47H 5% 1/16W
RA86	4AAA3481	R,METAL 2.2KH 5% 1/16W
RA86A	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA86B	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA86G	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA86R	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA87	4AAA3481	R,METAL 2.2KH 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
RA87A	4AAA3471	R,METAL 820H 5% 1/16W
RA87B	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA87G	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA87R	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA88A	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA88B	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA88G	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA88R	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA89A	4AAA3449	R,METAL 100H 5% 1/16W
RA89B	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA89G	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA89R	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA8AA	4AAA3449	R,METAL 100H 5% 1/16W
RA8AB	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA8AG	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA8AR	4AAA3489	R,METAL 4.7KH 5% 1/16W
RA8EA	4AAA3485	R,METAL 3.3KH 5% 1/16W
RA8HB	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA8HG	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA8HR	4AAA3473	R,METAL 1.0KH 5% 1/16W
RA8KA	4AAA3483	R,METAL 2.7KH 5% 1/16W
RA8LA	4AAA3400	R,METAL 0.0H 5% 1/16W
RAA3	4AAA3465	R,METAL 470H 5% 1/16W
RAA4	4AAA3481	R,METAL 2.2KH 5% 1/16W
RAA5	4AAA3493	R,METAL 6.8KH 5% 1/16W
RAA6	4AAA3505	R,METAL 22KH 5% 1/16W
RAE3	4AAA3431	R,METAL 18H 5% 1/16W
RAE4	4AAA3437	R,METAL 33H 5% 1/16W
RAE5	4AAA3437	R,METAL 33H 5% 1/16W
RAE6	4AAA3437	R,METAL 33H 5% 1/16W
RAFH	4AAA3425	R,METAL 10H 5% 1/16W
RAFK	4AAA3425	R,METAL 10H 5% 1/16W
RAH1	4AAA3527	R,METAL 180KH 5% 1/16W
RAH2	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAH3	4AAA3453	R,METAL 150H 5% 1/16W
RAH3	4ABE2029	R SMD METAL 1/16W 150 F
RAH5	4AAA3527	R,METAL 180KH 5% 1/16W
RAH6	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAH7	4AAA3453	R,METAL 150H 5% 1/16W
RAH7	4ABE2029	R SMD METAL 1/16W 150 F
RAM1	4AAA3497	R,METAL 10KH 5% 1/16W
RAM2	4AAA3497	R,METAL 10KH 5% 1/16W
RAM3	4AAA3503	R,METAL 18KH 5% 1/16W
RAM4	4AAA3503	R,METAL 18KH 5% 1/16W
RAM5	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAM6	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAM7	4AAA3483	R,METAL 2.7KH 5% 1/16W
RAM8	4AAA3483	R,METAL 2.7KH 5% 1/16W

SYMBOL	PART NO	DESCRIPTION
RAN1	4AAA3441	R,METAL 47H 5% 1/16W
RAN2	4AAA3441	R,METAL 47H 5% 1/16W
RAN3	4AAA3517	R,METAL 68KH 5% 1/16W
RAN4	4AAA3517	R,METAL 68KH 5% 1/16W
RAN5	4AAA3527	R,METAL 180KH 5% 1/16W
RAN6	4AAA3527	R,METAL 180KH 5% 1/16W
RAN7	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAN8	4AAA3473	R,METAL 1.0KH 5% 1/16W
RAN9	4AAA3449	R,METAL 100H 5% 1/16W
RANA	4AAA3449	R,METAL 100H 5% 1/16W
RK01	4AAA3463	R,METAL 390H 5% 1/16W
RK07	4AAA3443	R,METAL 56H 5% 1/16W
RK08	4AAA3437	R,METAL 33H 5% 1/16W
RK09	4AAA3513	R,METAL 47KH 5% 1/16W
RK0A	4AAA3513	R,METAL 47KH 5% 1/16W
RK10	4AAA3513	R,METAL 47KH 5% 1/16W
RK11	4AAA3400	R,METAL 0.0H 5% 1/16W
RK16	4AAA3463	R,METAL 390H 5% 1/16W
RK22	4AAA3443	R,METAL 56H 5% 1/16W
RK23	4AAA3437	R,METAL 33H 5% 1/16W
RK24	4AAA3513	R,METAL 47KH 5% 1/16W
RK25	4AAA3513	R,METAL 47KH 5% 1/16W
RK26	4AAA3400	R,METAL 0.0H 5% 1/16W
RK2A	4AAA3513	R,METAL 47KH 5% 1/16W
RK2E	4AAA3513	R,METAL 47KH 5% 1/16W
RKAE	4AAA3513	R,METAL 47KH 5% 1/16W
RKF1	4ABE2042	R SMD METAL 1/16W 510 F
RKF2	4ABE2042	R SMD METAL 1/16W 510 F
RKF6	4ABE2059	R SMD METAL 1/16W 2.7K F
RKF7	4AAA3449	R,METAL 100H 5% 1/16W
RKF8	4AAA3513	R,METAL 47KH 5% 1/16W
RKF9	4AAA3449	R,METAL 100H 5% 1/16W

*** CAPACITORS ***

C151	5ADK1049	C SMD CER 2C 390P 50V J
C152	5ACK1002	C,CERAMIC 6.3V 1UF
C153	5AHK3546	CE734W1E4R7M-T(WT)
C154	5AFK0230	C SMD CER 1U 10V M
C15A	5AFK0216	C SMD CER 10U 6.3V M
C201	5AFK0261	C SMD CER 22UF 6.3V M
C221	5AHK5001	C SMD ELE105 100U 10V M
C222	5AFK0216	C SMD CER 10U 6.3V M
C223	5AHK2961	C 16V 330UF
C224	5AHK0711	C SMD ELE105 10U 16V M
C225	5ACK1363	C SMD CER F1 0.1U 25V Z
C226	5ACK1363	C SMD CER F1 0.1U 25V Z
C22E	5ACK1363	C SMD CER F1 0.1U 25V Z
C261	5ACK1363	C SMD CER F1 0.1U 25V Z

SYMBOL	PART NO	DESCRIPTION
C263	5AHK0711	C SMD ELE105 10U 16V M
C265	5ACK1363	C SMD CER F1 0.1U 25V Z
C26A	5ACK1363	C SMD CER F1 0.1U 25V Z
C271	5AFK0261	C SMD CER 22UF 6.3V M
C273	5ACK1363	C SMD CER F1 0.1U 25V Z
C274	5ACK1363	C SMD CER F1 0.1U 25V Z
C275	5ACK1363	C SMD CER F1 0.1U 25V Z
C276	5ACK1363	C SMD CER F1 0.1U 25V Z
C277	5AFK0216	C SMD CER 10U 6.3V M
C278	5AFK0216	C SMD CER 10U 6.3V M
C27E	5ACK1002	C,CERAMIC 6.3V 1UF
C281	5AFK0261	C SMD CER 22UF 6.3V M
C2A2	5ACK1363	C SMD CER F1 0.1U 25V Z
C2A3	5ACK1363	C SMD CER F1 0.1U 25V Z
C2A4	5AHK5021	C SMD ELE105 22U 25V M
C2A5	5AHK2961	C 16V 330UF
C2E1	5ACK1363	C SMD CER F1 0.1U 25V Z
C2M1	5AHK5024	C SMD ELE105 100U 25V M
C2M2	5ACK0106	C SMD BJ 0.047U 25V K
C2M3	5ACK1118	C SMD B1 2700P 50V K
C2M4	5ACK1363	C SMD CER F1 0.1U 25V Z
C2M5	5ACK1363	C SMD CER F1 0.1U 25V Z
C2M6	5AHK2969	CE04W1C681M-HTATS
C409	5AFK0216	C SMD CER 10U 6.3V M
C410	5ACK1363	C SMD CER F1 0.1U 25V Z
C411	5ACK1363	C SMD CER F1 0.1U 25V Z
C412	5ACK1363	C SMD CER F1 0.1U 25V Z
C413	5ACK1363	C SMD CER F1 0.1U 25V Z
C414	5ACK1363	C SMD CER F1 0.1U 25V Z
C415	5ACK1363	C SMD CER F1 0.1U 25V Z
C416	5ACK1363	C SMD CER F1 0.1U 25V Z
C417	5ACK1363	C SMD CER F1 0.1U 25V Z
C418	5ACK1363	C SMD CER F1 0.1U 25V Z
C419	5ACK1363	C SMD CER F1 0.1U 25V Z
C420	5ACK1363	C SMD CER F1 0.1U 25V Z
C421	5ACK1363	C SMD CER F1 0.1U 25V Z
C422	5ACK1363	C SMD CER F1 0.1U 25V Z
C423	5ACK1363	C SMD CER F1 0.1U 25V Z
C424	5ACK1363	C SMD CER F1 0.1U 25V Z
C425	5AFK0216	C SMD CER 10U 6.3V M
C426	5ACK1363	C SMD CER F1 0.1U 25V Z
C427	5ACK1363	C SMD CER F1 0.1U 25V Z
C428	5ACK1363	C SMD CER F1 0.1U 25V Z
C429	5ACK1363	C SMD CER F1 0.1U 25V Z
C430	5ACK1363	C SMD CER F1 0.1U 25V Z
C431	5ACK1363	C SMD CER F1 0.1U 25V Z
C432	5ACK1363	C SMD CER F1 0.1U 25V Z
C433	5ACK1363	C SMD CER F1 0.1U 25V Z

SYMBOL	PART NO	DESCRIPTION
C434	5ACK1363	C SMD CER F1 0.1U 25V Z
C443	5AFK0216	C SMD CER 10U 6.3V M
C444	5AFK0216	C SMD CER 10U 6.3V M
C451	5ACK1363	C SMD CER F1 0.1U 25V Z
C452	5AFK0216	C SMD CER 10U 6.3V M
C454	5ADK1007	C SMD CER 2C 10P 50V D
C455	5ADK1007	C SMD CER 2C 10P 50V D
C458	5ACK1363	C SMD CER F1 0.1U 25V Z
C459	5ACK1363	C SMD CER F1 0.1U 25V Z
C45F	5ACK1363	C SMD CER F1 0.1U 25V Z
C4A2	5AHK0711	C SMD ELE105 10U 16V M
C4A4	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E0	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E1	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E2	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E3	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E4	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E5	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E6	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E7	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E8	5ACK1363	C SMD CER F1 0.1U 25V Z
C4E9	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F0	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F1	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F2	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F3	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F4	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F5	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F6	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F7	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F8	5ACK1363	C SMD CER F1 0.1U 25V Z
C4F9	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FA	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FE	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FF	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FH	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FJ	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FK	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FL	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FM	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FMZ	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FN	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FP	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FQ	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FR	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FS	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FT	5ACK1363	C SMD CER F1 0.1U 25V Z
C4FW	5AHK0711	C SMD ELE105 10U 16V M

SYMBOL	PART NO	DESCRIPTION
C4FY	5ACK1363	C SMD CER F1 0.1U 25V Z
C551	5ACK1363	C SMD CER F1 0.1U 25V Z
C552	5ACK1363	C SMD CER F1 0.1U 25V Z
C553	5ACK1363	C SMD CER F1 0.1U 25V Z
C554	5ACK1363	C SMD CER F1 0.1U 25V Z
C555	5ACK1363	C SMD CER F1 0.1U 25V Z
C556	5ACK1363	C SMD CER F1 0.1U 25V Z
C561	5ACK1363	C SMD CER F1 0.1U 25V Z
C562	5ACK1363	C SMD CER F1 0.1U 25V Z
C563	5ACK1363	C SMD CER F1 0.1U 25V Z
C564	5ACK1363	C SMD CER F1 0.1U 25V Z
C565	5ACK1363	C SMD CER F1 0.1U 25V Z
C566	5ACK1363	C SMD CER F1 0.1U 25V Z
C801	5ACK1363	C SMD CER F1 0.1U 25V Z
C802	5ACK1213	C SMD CER B1 0.1U 16V K
C805	5ACK1363	C SMD CER F1 0.1U 25V Z
C806	5ACK1363	C SMD CER F1 0.1U 25V Z
C807	5ACK1363	C SMD CER F1 0.1U 25V Z
C808	5ACK1363	C SMD CER F1 0.1U 25V Z
C809	5ACK1363	C SMD CER F1 0.1U 25V Z
C810	5ACK1363	C SMD CER F1 0.1U 25V Z
C811	5ACK1363	C SMD CER F1 0.1U 25V Z
C812	5ACK1363	C SMD CER F1 0.1U 25V Z
C813	5ACK1363	C SMD CER F1 0.1U 25V Z
C815	5ACK1363	C SMD CER F1 0.1U 25V Z
C818	5ACK1363	C SMD CER F1 0.1U 25V Z
C819	5ACK1363	C SMD CER F1 0.1U 25V Z
C820	5ACK1213	C SMD CER B1 0.1U 16V K
C821	5ACK1213	C SMD CER B1 0.1U 16V K
C8A1	5ACK1363	C SMD CER F1 0.1U 25V Z
C8A2	5ACK1363	C SMD CER F1 0.1U 25V Z
C8E1	5ACK1363	C SMD CER F1 0.1U 25V Z
C901	5A200105	C SAFE X 0.47U AC275V K
C902	5A200105	C SAFE X 0.47U AC275V K
C905	5A500983	C CER 400V 1000
C906	5A805119	C ELE105 120U 450V
C907	5A1BA501	C FILM MM 0.01U 400V
C910	5A9K0059	C ELE105 22U 50V M
C911	5A8K0042	C ELE105 100U 35V M
C912	5ACK0040	C SMD CER F1 0.1U 50V Z
C913	5ADK0172	C SMD CER 2C 1000P 50V J
C914	5ADK0113	C SMD 2C 10P 50V C
C915	5ACK0108	C SMD BJ 0.1U 25V K
C920	5ACK0021	C SMD CER B1 0.01U 50V K
C925	5A1BA503	C FILM MM 0.47U 100V
C926	5ACK0115	C SMD CER BJ 1U 10V K
C927	5A8K0872	C ELE105 4.7U 50V M
C951	5A8K5132	C ELE105 1500U 25V M

SYMBOL	PART NO	DESCRIPTION
C952	5A8K5132	C ELE105 1500U 25V M
C953	5A8K5130	C ELE105 1000U 25V M
C954	5AFK0251	C SMD CER 1.0UF 16V M
C955	5A5K0123	C CER 1X 150P 1KV J
C9A2	5A8K0869	C ELE105 2.2U 50V M
C9A3	5A1BA501	C FILM MM 0.01U 400V
C9A4	5ACK0108	C SMD BJ 0.1U 25V K
C9A6	5ACK0115	C SMD CER BJ 1U 10V K
C9A7	5A8K0839	C ELE105 47U 25V M
C9E1	5A8K5112	C ELE105 2200U 10V M
C9E2	5ACK0115	C SMD CER BJ 1U 10V K
C9E3	5A8K0012	C ELE105 1000U 10V M
C9X1	5A1B1502	C FILM PMS 0.47U 400V
C9X2	5ACK0021	C SMD CER B1 0.01U 50V K
C9X3	5ACK0005	C SMD CER B1 470P 50V K
C9X4	5ACK0112	C SMD CER BJ 0.33U 16V K
C9X5	5ADK0025	C SMD CER 1X 100P 50V J
CA05	5ACK1933	C SMD CER B 0.047U 16V K
CA06	5ACK1933	C SMD CER B 0.047U 16V K
CA07	5ACK1933	C SMD CER B 0.047U 16V K
CA08	5ACK1933	C SMD CER B 0.047U 16V K
CA09	5ACK1933	C SMD CER B 0.047U 16V K
CA10	5ACK1933	C SMD CER B 0.047U 16V K
CA12	5ACK1113	C SMD CER B1 1000P 50V K
CA19	5ACK1113	C SMD CER B1 1000P 50V K
CA20	5AFK0216	C SMD CER 10U 6.3V M
CA21	5AAB1424	C 16V 8200PF
CA22	5AAB1433	C 16V 47000PF
CA23	5ACK1363	C SMD CER F1 0.1U 25V Z
CA24	5ACK1363	C SMD CER F1 0.1U 25V Z
CA25	5ACK1363	C SMD CER F1 0.1U 25V Z
CA26	5ACK1002	C,CERAMIC 6.3V 1UF
CA28	5ACK1363	C SMD CER F1 0.1U 25V Z
CA29	5ACK1363	C SMD CER F1 0.1U 25V Z
CA2A	5AAB1427	C 16V 15000PF
CA36	5ACK1363	C SMD CER F1 0.1U 25V Z
CA37	5ACK1363	C SMD CER F1 0.1U 25V Z
CA38	5ACK1363	C SMD CER F1 0.1U 25V Z
CA39	5ACK1363	C SMD CER F1 0.1U 25V Z
CA40	5ACK1363	C SMD CER F1 0.1U 25V Z
CA41	5ACK1363	C SMD CER F1 0.1U 25V Z
CA42	5ACK1363	C SMD CER F1 0.1U 25V Z
CA43	5ACK1363	C SMD CER F1 0.1U 25V Z
CA44	5ACK1363	C SMD CER F1 0.1U 25V Z
CA45	5ACK1363	C SMD CER F1 0.1U 25V Z
CA53	5AFK0216	C SMD CER 10U 6.3V M
CA67	5AFK0216	C SMD CER 10U 6.3V M
CA70A	5AFK0216	C SMD CER 10U 6.3V M

SYMBOL	PART NO	DESCRIPTION
CA70B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA70G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA70R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA71B	5AFK0216	C SMD CER 10U 6.3V M
CA71G	5AFK0216	C SMD CER 10U 6.3V M
CA71R	5AFK0216	C SMD CER 10U 6.3V M
CA72A	5ACK1363	C SMD CER F1 0.1U 25V Z
CA72B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA72G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA72R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA73B	5ADK1007	C SMD CER 2C 10P 50V D
CA73G	5ADK1007	C SMD CER 2C 10P 50V D
CA73R	5ADK1007	C SMD CER 2C 10P 50V D
CA74B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA74G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA74R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA75A	5AFK0216	C SMD CER 10U 6.3V M
CA75B	5ADK1016	C SMD CER 2C 22P 50V J
CA75G	5ADK1016	C SMD CER 2C 22P 50V J
CA75R	5ADK1016	C SMD CER 2C 22P 50V J
CA76B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA76G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA76R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA77A	5ADK1029	C SMD CER 2C 68P 50V J
CA77B	5ADK1025	C SMD CER 2C 47P 50V J
CA77G	5ADK1025	C SMD CER 2C 47P 50V J
CA77R	5ADK1025	C SMD CER 2C 47P 50V J
CA78A	5ACK1363	C SMD CER F1 0.1U 25V Z
CA80A	5AFK0216	C SMD CER 10U 6.3V M
CA80B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA80G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA80R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA81B	5AFK0216	C SMD CER 10U 6.3V M
CA81G	5AFK0216	C SMD CER 10U 6.3V M
CA81R	5AFK0216	C SMD CER 10U 6.3V M
CA82B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA82G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA82R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA83B	5ADK1007	C SMD CER 2C 10P 50V D
CA83G	5ADK1007	C SMD CER 2C 10P 50V D
CA83R	5ADK1007	C SMD CER 2C 10P 50V D
CA84B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA84G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA84R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA85A	5AFK0216	C SMD CER 10U 6.3V M
CA85B	5ADK1016	C SMD CER 2C 22P 50V J
CA85G	5ADK1016	C SMD CER 2C 22P 50V J
CA85R	5ADK1016	C SMD CER 2C 22P 50V J

SYMBOL	PART NO	DESCRIPTION
CA86B	5ACK1363	C SMD CER F1 0.1U 25V Z
CA86G	5ACK1363	C SMD CER F1 0.1U 25V Z
CA86R	5ACK1363	C SMD CER F1 0.1U 25V Z
CA87A	5ADK1029	C SMD CER 2C 68P 50V J
CA87B	5ADK1025	C SMD CER 2C 47P 50V J
CA87G	5ADK1025	C SMD CER 2C 47P 50V J
CA87R	5ADK1025	C SMD CER 2C 47P 50V J
CA88A	5ACK1363	C SMD CER F1 0.1U 25V Z
CA90	5ACK1113	C SMD CER B1 1000P 50V K
CA91	5ACK1113	C SMD CER B1 1000P 50V K
CAA1	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA2	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA3	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA4	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA5	5ACK1363	C SMD CER F1 0.1U 25V Z
CAA6	5AHK0711	C SMD ELE105 10U 16V M
CAH1	5ACK1002	C,CERAMIC 6.3V 1UF
CAH2	5ACK1002	C,CERAMIC 6.3V 1UF
CAH3	5ACK1123	C SMD B1 6800P 50V K
CAH4	5ACK1123	C SMD B1 6800P 50V K
CAM3	5AFK0216	C SMD CER 10U 6.3V M
CAM4	5AFK0216	C SMD CER 10U 6.3V M
CAN1	5ACK1002	C,CERAMIC 6.3V 1UF
CAN2	5ACK1002	C,CERAMIC 6.3V 1UF
CAN3	5ACK1123	C SMD B1 6800P 50V K
CAN4	5ACK1123	C SMD B1 6800P 50V K
CK01	5ACK1363	C SMD CER F1 0.1U 25V Z
CK02	5ACK1363	C SMD CER F1 0.1U 25V Z
CK03	5ACK1363	C SMD CER F1 0.1U 25V Z
CK04	5ACK1363	C SMD CER F1 0.1U 25V Z
CK05	5ACK1363	C SMD CER F1 0.1U 25V Z
CK06	5ACK1363	C SMD CER F1 0.1U 25V Z
CK07	5ACK1363	C SMD CER F1 0.1U 25V Z
CK08	5ACK1363	C SMD CER F1 0.1U 25V Z
CK09	5ADK1034	C SMD CER 2C 100P 50V J
CK10	5ADK1034	C SMD CER 2C 100P 50V J
CK11	5ADK1034	C SMD CER 2C 100P 50V J
CK12	5ADK1034	C SMD CER 2C 100P 50V J
CK13	5ADK1034	C SMD CER 2C 100P 50V J
CK14	5AFK0216	C SMD CER 10U 6.3V M
CK16	5AHK5016	C SMD ELE105 100U 16V M
CK17	5ADK1034	C SMD CER 2C 100P 50V J
CK18	5AFK0216	C SMD CER 10U 6.3V M
CK19	5ACK1363	C SMD CER F1 0.1U 25V Z
CK20	5ACK1363	C SMD CER F1 0.1U 25V Z
CK21	5ACK1363	C SMD CER F1 0.1U 25V Z
CK22	5ACK1363	C SMD CER F1 0.1U 25V Z
CK23	5ACK1363	C SMD CER F1 0.1U 25V Z

SYMBOL	PART NO	DESCRIPTION
CK24	5ACK1363	C SMD CER F1 0.1U 25V Z
CK25	5ACK1363	C SMD CER F1 0.1U 25V Z
CK26	5ACK1363	C SMD CER F1 0.1U 25V Z
CK27	5ADK1034	C SMD CER 2C 100P 50V J
CK28	5ADK1034	C SMD CER 2C 100P 50V J
CK29	5ADK1034	C SMD CER 2C 100P 50V J
CK30	5ADK1034	C SMD CER 2C 100P 50V J
CK31	5ADK1034	C SMD CER 2C 100P 50V J
CK32	5AFK0216	C SMD CER 10U 6.3V M
CK34	5AHK5016	C SMD ELE105 100U 16V M
CK35	5ADK1034	C SMD CER 2C 100P 50V J
CK36	5AFK0216	C SMD CER 10U 6.3V M
CKF1	5ACK1363	C SMD CER F1 0.1U 25V Z
CKF2	5ACK1363	C SMD CER F1 0.1U 25V Z

REPLACEMENT PARTS LIST(For U.S.)

The components specified for Model LCD2080UX(A)

Manufactured by NPG

SYMBOL	Part No for NPG	DESCRIPTION
*** ICS ***		
IC201	EHA10881	IC SMD BA00BC0WFP
IC221	EHA10861	IC SMD PQ1CZ21H2ZP
IC222	EHA10881	IC SMD BA00BC0WFP
IC251	EHA10871	IC SMD L4978 REGULATOR
IC271	EHA10881	IC SMD BA00BC0WFP
IC272	EHA10881	IC SMD BA00BC0WFP
IC2A1	EHA10861	IC SMD PQ1CZ21H2ZP
IC401	EHA10741	IC SMD PW164B
IC402	EHA10691	IC SMD LH28F800-L202V03
IC403	EHA10801	IC SMD ICS332M-L202EV
IC405	EHA10771	IC SMDSN74AHC2G125H MOS
IC4A1	EHA10721	IC SMD UPD65545-Y-6C
IC4A2	EHA10751	IC SMD NC7WZ14
IC4A3	EHA10751	IC SMD NC7WZ14
IC551	EHA10831	IC SMD DS90C385MTD MOS
IC552	EHA10831	IC SMD DS90C385MTD MOS
IC801	EHA90011	IC RESET M51957AFP
IC802	EHA90011	IC RESET M51957AFP
IC803	EHA10761	IC SMD CAT24WC64JI-TE13 M
IC804	EHA10701	IC SMD M30625MGN-A26GP
IC8A1	EHA10211	IC SMD BU9882F-WE2 MOS
IC8A2	EHA10821	IC SMD X9116WM8-2.7T4 MOS
IC8A3	EHA10821	IC SMD X9116WM8-2.7T4 MOS
IC8A4	EHA10811	IC SMD SN74CBT1G125DCK
IC8A5	EHA10811	IC SMD SN74CBT1G125DCK
IC8F1	EHA10211	IC SMD BU9882F-WE2 MOS
IC901	EH110251	IC STR-E1717 LF NO. 1064
IC951	EH110321	IC TL431ACLP
IC9A1	EH110261	IC MIP2E2DMY0LE
IC9A2	EHA10901	IC SMD XN04A8800L
IC9E1	EH110321	IC TL431ACLP
ICA01	EHA10711	IC SMD AD9888KS-170
ICA70A	EHA10841	IC SMD AD8002AR
ICAA1	EHA10751	IC SMD NC7WZ14
ICAA2	EHA10751	IC SMD NC7WZ14
ICAA3	EHA10791	IC SMD SN74CBTLV1G125DCK
ICAA4	EHA10791	IC SMD SN74CBTLV1G125DCK
ICAA5	EHA11071	IC SMD TA76431F
ICAA6	EHA10781	IC SMD SN74CBTLV3125PW
ICK01	EHA10731	IC SMD TFP401 MOS
ICK02	EHA10731	IC SMD TFP401 MOS

SYMBOL	Part No for NPG	DESCRIPTION
PC901	EH190021	IC PHOTO COUPLE PC123Y
PC911	EH190021	IC PHOTO COUPLE PC123Y
PC9A1	EH190021	IC PHOTO COUPLE PC123Y

*** TRANSISTORS ***

Q101	ECA00081	TR SMD DTC143ZKA-T146
Q102	ECA00161	TR SMD 2SA1162-GR
Q104	ECA00081	TR SMD DTC143ZKA-T146
Q105	ECA00161	TR SMD 2SA1162-GR
Q151	ECA00191	FET SMD 2SJ580-TD
Q152	ECA00021	TR SMD 2SA1037AK-T146 Q
Q153	EN000413	CHIP TR NPN 2SC2412K-T146
Q154	ECA00061	TR SMD DTC144EKA-T146(O)
Q155	ECA00061	TR SMD DTC144EKA-T146(O)
Q156	ECA00071	TR SMD DTA144EKA
Q157	ECA00061	TR SMD DTC144EKA-T146(O)
Q261	ECA00061	TR SMD DTC144EKA-T146(O)
Q262	EFK00061	FET SMD 2SJ377(TE16L)
Q265	EFK00011	FET SMD 2SK3018-T106
Q271	ECA00061	TR SMD DTC144EKA-T146(O)
Q272	ECA00061	TR SMD DTC144EKA-T146(O)
Q451	ECA00161	TR SMD 2SA1162-GR
Q452	ECA00061	TR SMD DTC144EKA-T146(O)
Q453	ECA00061	TR SMD DTC144EKA-T146(O)
Q805	ECA00061	TR SMD DTC144EKA-T146(O)
Q806	ECA00151	TR SMD 2SC3734
Q807	ECA00151	TR SMD 2SC3734
Q861	EFK00011	FET SMD 2SK3018-T106
Q863	EFK00011	FET SMD 2SK3018-T106
Q8A3	ECA00061	TR SMD DTC144EKA-T146(O)
Q8E1	ECA00061	TR SMD DTC144EKA-T146(O)
Q8E5	ECA00061	TR SMD DTC144EKA-T146(O)
Q8E6	ECA00061	TR SMD DTC144EKA-T146(O)
Q901	EF000010	FET 2SK3673-01MR-F111
Q908	EFK00041	FET SMD 2SK2715 P
Q911	ECA00021	TR SMD 2SA1037AK-T146 Q
Q912	EN000413	CHIP TR NPN 2SC2412K-T146
Q913	EN000413	CHIP TR NPN 2SC2412K-T146
Q930	ECA00061	TR SMD DTC144EKA-T146(O)
Q931	EC100011	TR 2SC5562
Q932	ECA00061	TR SMD DTC144EKA-T146(O)
Q933	ECA00091	TR SMD DTB114EK
Q9E1	ECA00061	TR SMD DTC144EKA-T146(O)
QA70A	ECA00061	TR SMD DTC144EKA-T146(O)
QA70B	ECA00141	TR SMD 2SC5084-O
QA70G	ECA00141	TR SMD 2SC5084-O
QA70R	ECA00141	TR SMD 2SC5084-O
QA71A	ECA00191	FET SMD 2SJ580-TD

SYMBOL	Part No for NPG	DESCRIPTION
QA71B	ECA00071	TR SMD DTA144EKA
QA71G	ECA00071	TR SMD DTA144EKA
QA71R	ECA00071	TR SMD DTA144EKA
QA72A	ECA00071	TR SMD DTA144EKA
QA72B	ECA00071	TR SMD DTA144EKA
QA72G	ECA00071	TR SMD DTA144EKA
QA72R	ECA00071	TR SMD DTA144EKA
QA73B	ECA00071	TR SMD DTA144EKA
QA73G	ECA00071	TR SMD DTA144EKA
QA73R	ECA00071	TR SMD DTA144EKA
QA80B	ECA00141	TR SMD 2SC5084-O
QA80G	ECA00141	TR SMD 2SC5084-O
QA80R	ECA00141	TR SMD 2SC5084-O
QA81B	ECA00071	TR SMD DTA144EKA
QA81G	ECA00071	TR SMD DTA144EKA
QA81R	ECA00071	TR SMD DTA144EKA
QA82B	ECA00071	TR SMD DTA144EKA
QA82G	ECA00071	TR SMD DTA144EKA
QA82R	ECA00071	TR SMD DTA144EKA
QA83B	ECA00071	TR SMD DTA144EKA
QA83G	ECA00071	TR SMD DTA144EKA
QA83R	ECA00071	TR SMD DTA144EKA
QAA1	ECA00061	TR SMD DTC144EKA-T146(O)
QAH1	ECA00031	TR SMD 2SA1434-TB
QAH2	ECA00031	TR SMD 2SA1434-TB
QAM1	ECA00151	TR SMD 2SC3734
QAM2	ECA00151	TR SMD 2SC3734
QAN1	ECA00031	TR SMD 2SA1434-TB
QAN2	ECA00031	TR SMD 2SA1434-TB
QKF1	ECA00021	TR SMD 2SA1037AK-T146 Q

*** DIODES ***

D151	EX500114	CHIP DIODE/T 1SS355TE-17
D152	EJK00021	DI SMD RB715F-T106
D221	EJK00051	DI SMD SFPB-64
D222	EX500114	CHIP DIODE/T 1SS355TE-17
D271	EX500114	CHIP DIODE/T 1SS355TE-17
D272	EX500114	CHIP DIODE/T 1SS355TE-17
D273	EX500114	CHIP DIODE/T 1SS355TE-17
D274	EX700216	DIODE RB495D
D275	EX700216	DIODE RB495D
D2A1	EJK00051	DI SMD SFPB-64
D2M1	EJK00051	DI SMD SFPB-64
D901	EJ100430	DI D3SBA60
D902	EJ100471	DI RM10A (T)
D907	EJ100481	DI EG01CV1-T
D911	EJK00061	DI SMD 1SR156-400
D912	EJK00081	DI SMD MA2Z001

SYMBOL	Part No for NPG	DESCRIPTION
D913	EJK00101	DI SMD DG1M3
D914	EJK00101	DI SMD DG1M3
D915	EJK00081	DI SMD MA2Z001
D930	EX500114	CHIP DIODE/T 1SS355TE-17
D951	EJ100440	DI FMX-22S
D9A1	EJ100481	DI EG01CV1-T
D9A2	EJK00081	DI SMD MA2Z001
D9E1	EJ100450	DI RK39
D9X1	EJ100460	DI FMG-G26S
D9X2	EJK00071	DI SMD SFPL-52
DA01	EX500216	CHIP DIODE DAN217 T146
DA02	EX500216	CHIP DIODE DAN217 T146
DA03	EX500216	CHIP DIODE DAN217 T146
DA04	EX500114	CHIP DIODE/T 1SS355TE-17
DA11	EX500216	CHIP DIODE DAN217 T146
DA12	EX500216	CHIP DIODE DAN217 T146
DA13	EX500216	CHIP DIODE DAN217 T146
DA70A	EJK00011	DI SMD 1SS356
DA71B	EJK00011	DI SMD 1SS356
DA71G	EJK00011	DI SMD 1SS356
DA71R	EJK00011	DI SMD 1SS356
DA72B	EJK00011	DI SMD 1SS356
DA72G	EJK00011	DI SMD 1SS356
DA72R	EJK00011	DI SMD 1SS356
DA73B	EJK00011	DI SMD 1SS356
DA73G	EJK00011	DI SMD 1SS356
DA73R	EJK00011	DI SMD 1SS356
DA80A	EJK00011	DI SMD 1SS356
DA81B	EJK00011	DI SMD 1SS356
DA81G	EJK00011	DI SMD 1SS356
DA81R	EJK00011	DI SMD 1SS356
DA82B	EJK00011	DI SMD 1SS356
DA82G	EJK00011	DI SMD 1SS356
DA82R	EJK00011	DI SMD 1SS356
DA83B	EJK00011	DI SMD 1SS356
DA83G	EJK00011	DI SMD 1SS356
DA83R	EJK00011	DI SMD 1SS356
ZD8G2	EJK00031	DI SMD STZ6.2N
ZD908	EYD40752	ZD SMD UDZS7.5BTE-17
ZD910	EYD42702	ZD SMD UDZS27BTE-17
ZD917	EYD41802	ZD SMD UDZS18BTE-17
ZD918	EYD40512	ZD SMD UDZS5.1BTE-17
ZD919	EYD40472	ZD SMD UDZS4.7BTE-17
ZD920	EYD42702	ZD SMD UDZS27BTE-17
ZD930	EYD40752	ZD SMD UDZS7.5BTE-17
ZD9A4	EYD41802	ZD SMD UDZS18BTE-17
ZDA01	EJK00131	DI SMD DF5A6.2F(TE)
ZDA11	EJK00131	DI SMD DF5A6.2F(TE)

SYMBOL	Part No for NPG	DESCRIPTION
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*** TRANSFORMERS ***

T901	HE100121	TRANS SWITCH ST-1102A
T9A1	HE100131	TRANS SWITCH L2.3MH

*** RELAYS & SWITCHES ***

SW901	JC100020	SW SEESAW SDDJE14500
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*** PWB ASSYS ***

MANSAS	AM0EV1ML	MAIN INSERT ASSY
PWNSAS	AP0EV1ML	POWER INSERT ASSY
XJM01	JM100131	INVERTER UNIT L202EV

*** COILS & FILTERS ***

FL203	HAB00207	L SMD NFM60R30T222T1
FL2M1	HAB00207	L SMD NFM60R30T222T1
FL901	HA100152	L LINE FILTER LFZ28H05
L115	HM011811	L BEAD SMD BK1608LM252-T
L116	HM011811	L BEAD SMD BK1608LM252-T
L117	HM011811	L BEAD SMD BK1608LM252-T
L118	HM011811	L BEAD SMD BK1608LM252-T
L119	HM011811	L BEAD SMD BK1608LM252-T
L120	HM011811	L BEAD SMD BK1608LM252-T
L121	HM011811	L BEAD SMD BK1608LM252-T
L122	HM011811	L BEAD SMD BK1608LM252-T
L123	HM011811	L BEAD SMD BK1608LM252-T
L125	HM011811	L BEAD SMD BK1608LM252-T
L221	HM019281	L BEAD SMD FBMH3216HM501N
L222	HM019281	L BEAD SMD FBMH3216HM501N
L223	HAB00109	L SMD SLF10145T-101M1R0-P
L261	HM019281	L BEAD SMD FBMH3216HM501N
L262	HM019321	L BEAD SMD FBMH4525HM102N
L263	HM019281	L BEAD SMD FBMH3216HM501N
L271	HM019281	L BEAD SMD FBMH3216HM501N
L272	HM019281	L BEAD SMD FBMH3216HM501N
L2A1	HAB00109	L SMD SLF10145T-101M1R0-P
L2A2	HM019281	L BEAD SMD FBMH3216HM501N
L2M1	HAB00090	L SMD SLF12565T-101M1R6
L405	HM019281	L BEAD SMD FBMH3216HM501N
L406	HM019281	L BEAD SMD FBMH3216HM501N
L451	HM011811	L BEAD SMD BK1608LM252-T
L452	HM011651	L BEAD SMD BK1608HS800-T
L453	HM011651	L BEAD SMD BK1608HS800-T
L454	HM011811	L BEAD SMD BK1608LM252-T
L459	HM011811	L BEAD SMD BK1608LM252-T
L4A1	HM011811	L BEAD SMD BK1608LM252-T
L4A2	HM019281	L BEAD SMD FBMH3216HM501N
L4A3	HM019281	L BEAD SMD FBMH3216HM501N

SYMBOL	Part No for NPG	DESCRIPTION
L4A4	HM020011	L BEAD SMD BKP1608HS330-T
L4A5	HM020011	L BEAD SMD BKP1608HS330-T
L551	HM011681	L BEAD SMD BK1608HS601-T
L552	HM011681	L BEAD SMD BK1608HS601-T
L553	HM011681	L BEAD SMD BK1608HS601-T
L561	HM011681	L BEAD SMD BK1608HS601-T
L562	HM011681	L BEAD SMD BK1608HS601-T
L563	HM011681	L BEAD SMD BK1608HS601-T
L951	HA200251	L SBC7-100-532
L9A1	HAB00233	L SMD LEMC3225T101K
L9E1	HA200206	L CHOKE TSL1112RA-100M3R7
L9X1	HA200181	L PFC COIL 77A-2702
L9X2	HA200191	L CHOKE 72U2A SF1-T8-50S-
LAA3	HM020011	L BEAD SMD BKP1608HS330-T
LAA4	HM020011	L BEAD SMD BKP1608HS330-T
LAA5	HM020011	L BEAD SMD BKP1608HS330-T
LAA6	HM020011	L BEAD SMD BKP1608HS330-T
LAA7	HM020011	L BEAD SMD BKP1608HS330-T
LAH1	HM020011	L BEAD SMD BKP1608HS330-T
LAH2	HM020011	L BEAD SMD BKP1608HS330-T
LAN1	HM020011	L BEAD SMD BKP1608HS330-T
LAN2	HM020011	L BEAD SMD BKP1608HS330-T

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

CABUAS	11301761	CABLE BUTTON ASSY(WH)
CN951	RC200341	WIRE CB14P 1007#26L100
F901	JA460011	FUSE SG5013 3.15 PF 250V
OSC4A1	EM2K0061	OSC SMD IC 55MHZ
TH901	FD200021	NTCR 10D2-10LC
VD901	FD300018	VARISTOR ENE471D-10A
X402	EM1K0061	OSC SMD XTAL 14.31818MHZ
X7A01	RC200351	WIRE CC30P 1516#30L250
X7A02	RC200361	WIRE CB13P 1007#26L70
X801	EM2K0041	OSC SMD CSTCR7M37G53-R0
XD7A01	JM100111	CABLE BUTTON WHT
XD7A02	RE010201	CABLE VI DVID-DVID 2M HG
XD7A03	RE010211	CABLE VI DVID-DSUB 2M HG
XD7A04	RG021071	PW CORD NA 2.0M HG I-SHEN
XJG01	3A684034	LCD LM201U03 LGPHILIPS
(For NMV Part)		

*** APPEARANCE PARTS ***

BAAS	10104391	BACK ASSY,L202EV(WH,N)
BE	10104361	BEZEL,L202EV(WH,N)
BRBAAS	12301211	BRACKET BASE ASSY,L202EV
CVCA	11002231	COVER CABLE,L202EV(WH)
STCV	11002211	STAND COVER TB,L202EV(WH)
STUN	11002191	STAND UNIT,L202EV(WH)

SYMBOL	Part No for NPG	DESCRIPTION
*** PRINTED & PACKING MATERIALS ***		
CABX	13202961	CARTON BOX,L202EV(WHA)
CASH	13203011	CARTON SHEET,L202EV
FLB	13401271	FILLER B,L202EV
FLC	13401281	FILLER C,L202EV
FLT	13401261	FILLER T,L202EV
LVSH	15800581	LVIEW SHEET
MANU	15501832	MANUAL,L202EV(A)
NAFL	15900251	NAISET CARTON BOX FLYER
PABAG	13700521	PACKING BAG(BK)
PEBAG	13700251	PE BAG (340*225)
PROTE	13700531	PROTECTION SHEET
RALA	15002611	RATING LABEL,L202EV(WH)
SHSE	15800551	SHEET SETUP,L202EV(A)
*** RESISTORS ***		
J921	FM110000	R SMD 1/4W(T) 5% 0
J923	FM110000	R SMD 1/4W(T) 5% 0
J924	FM110000	R SMD 1/4W(T) 5% 0
J925	FM110000	R SMD 1/4W(T) 5% 0
J926	FM110000	R SMD 1/4W(T) 5% 0
J927	FM110000	R SMD 1/4W(T) 5% 0
J928	FM110000	R SMD 1/4W(T) 5% 0
J929	FM110000	R SMD 1/4W(T) 5% 0
J930	FX500000	R SMD METAL 1/4W 0 JUMPER
J940	FM110000	R SMD 1/4W(T) 5% 0
J961	FM110000	R SMD 1/4W(T) 5% 0
J962	FM110000	R SMD 1/4W(T) 5% 0
MR401	FPA03231	R NET SMD 1/16W 150 J
MR402	FPA03231	R NET SMD 1/16W 150 J
MR403	FPA03231	R NET SMD 1/16W 150 J
MR404	FPA03231	R NET SMD 1/16W 150 J
MR405	FPA03231	R NET SMD 1/16W 150 J
MR406	FPA03231	R NET SMD 1/16W 150 J
MR407	FPA03231	R NET SMD 1/16W 150 J
MR408	FPA03231	R NET SMD 1/16W 150 J
MR409	FPA03231	R NET SMD 1/16W 150 J
MR410	FPA03231	R NET SMD 1/16W 150 J
MR411	FPA03231	R NET SMD 1/16W 150 J
MR412	FPA03231	R NET SMD 1/16W 150 J
MR4G1	FPA01071	R NET SMD 1/16W 33 J
MR4G3	FPA01071	R NET SMD 1/16W 33 J
MR4G5	FPA01071	R NET SMD 1/16W 33 J
MR4G7	FPA01071	R NET SMD 1/16W 33 J
MR4G9	FPA01071	R NET SMD 1/16W 33 J
MR4H1	FPA01071	R NET SMD 1/16W 33 J
MRA01	FPA01131	R NET SMD 1/16W 100 J
MRA03	FPA01131	R NET SMD 1/16W 100 J
MRA05	FPA01131	R NET SMD 1/16W 100 J

SYMBOL	Part No for NPG	DESCRIPTION
MRA07	FPA01131	R NET SMD 1/16W 100 J
MRA09	FPA01131	R NET SMD 1/16W 100 J
MRA11	FPA01131	R NET SMD 1/16W 100 J
MRK01	FPA01071	R NET SMD 1/16W 33 J
MRK03	FPA01071	R NET SMD 1/16W 33 J
MRK05	FPA01071	R NET SMD 1/16W 33 J
MRK07	FPA01071	R NET SMD 1/16W 33 J
MRK09	FPA01071	R NET SMD 1/16W 33 J
MRK11	FPA01071	R NET SMD 1/16W 33 J
MRK13	FPA01071	R NET SMD 1/16W 33 J
MRK15	FPA01071	R NET SMD 1/16W 33 J
MRK17	FPA01071	R NET SMD 1/16W 33 J
MRK19	FPA01071	R NET SMD 1/16W 33 J
MRK21	FPA01071	R NET SMD 1/16W 33 J
MRK23	FPA01071	R NET SMD 1/16W 33 J
R101	FM010472	CHIP RES 1/10W(T) 5% 4.7K
R102	FM010472	CHIP RES 1/10W(T) 5% 4.7K
R103	FN011800	R SMD 1/10W(T) 1% 180
R105	FM010472	CHIP RES 1/10W(T) 5% 4.7K
R106	FM010472	CHIP RES 1/10W(T) 5% 4.7K
R107	FN011800	R SMD 1/10W(T) 1% 180
R117	FM100102	CHIP 1/8W(T) 5% 1K
R118	FM100102	CHIP 1/8W(T) 5% 1K
R119	FM100102	CHIP 1/8W(T) 5% 1K
R120	FM100102	CHIP 1/8W(T) 5% 1K
R121	FM100102	CHIP 1/8W(T) 5% 1K
R122	FM100102	CHIP 1/8W(T) 5% 1K
R123	FM100102	CHIP 1/8W(T) 5% 1K
R125	FM100102	CHIP 1/8W(T) 5% 1K
R151	FN011501	R SMD METAL 1/10W 1.5K F
R152	FM010272	R SMD METAL 1/10W 2.7K J
R153	FM010103	CHIP RES 1/10W(T) 5% 10KO
R154	FM010272	R SMD METAL 1/10W 2.7K J
R155	FM010560	CHIP RES 1/10W(T) 5% 56OH
R156	FM010824	R SMD METAL 1/10W 820K J
R157	FM010103	CHIP RES 1/10W(T) 5% 10KO
R158	FM010563	R SMD METAL 1/10W 56K J T
R159	FM010103	CHIP RES 1/10W(T) 5% 10KO
R15A	FM010103	CHIP RES 1/10W(T) 5% 10KO
R15E	FM010103	CHIP RES 1/10W(T) 5% 10KO
R15F	FM010102	CHIP RES 1/10W (T) 5% 1KO
R15L	FM010102	CHIP RES 1/10W (T) 5% 1KO
R201	FM010102	CHIP RES 1/10W (T) 5% 1KO
R202	FN015602	R SMD METAL 1/10W 56K F
R203	FN013302	R SMD 1/10W(T) 1% 33K
R221	FN011801	CHIP RES 1/10W(T) 1% 1.8K
R222	FN012702	R SMD 1/10W(T) 1% 27K
R223	FN011201	R SMD METAL 1/10W 1.2K F

SYMBOL	Part No for NPG	DESCRIPTION
R224	FN013002	R SMD METAL 1/10W 30K F
R225	FM010102	CHIP RES 1/10W (T) 5% 1KO
R226	FM010102	CHIP RES 1/10W (T) 5% 1KO
R261	FM010333	R SMD 1/10W(T) 5% 33K
R262	FM010333	R SMD 1/10W(T) 5% 33K
R266	FN011503	CHIP RES 1/10W(T) 1% 150K
R267	FN013302	R SMD 1/10W(T) 1% 33K
R268	FX300681	R SMD METAL 1/2W 680 J
R269	FX300681	R SMD METAL 1/2W 680 J
R26A	FM010102	CHIP RES 1/10W (T) 5% 1KO
R271	FM010222	CHIP RES 1/10W(T) 5% 2.2K
R272	FM010562	R SMD METAL 1/10W 5.6K J
R273	FN015602	R SMD METAL 1/10W 56K F
R274	FN013302	R SMD 1/10W(T) 1% 33K
R274A	FN012201	CHIP RES 1/10W(T) 1% 2.2K
R275	FM010332	CHIP RES 1/10W(T) 5% 3.3K
R276	FN013302	R SMD 1/10W(T) 1% 33K
R277	FN013302	R SMD 1/10W(T) 1% 33K
R277A	FN011201	R SMD METAL 1/10W 1.2K F
R278	FM010103	CHIP RES 1/10W(T) 5% 10KO
R2A1	FM010560	CHIP RES 1/10W(T) 5% 56OH
R2A2	FM010560	CHIP RES 1/10W(T) 5% 56OH
R2A3	FN013900	R SMD METAL 1/10W 390 F
R2A4	FN011001	CHIP RES 1/10W(T) 1% 1KOH
R2A5	FN018201	R SMD METAL 1/10W 8.2K F
R2A7	FM010102	CHIP RES 1/10W (T) 5% 1KO
R2M1	FN014701	CHIP RES 1/10W(T) 1% 4.7K
R2M2	FN012202	R SMD METAL 1/10W 22K F
R2M3	FN011201	R SMD METAL 1/10W 1.2K F
R2M4	FN014701	CHIP RES 1/10W(T) 1% 4.7K
R2M5	FN018209	R SMD METAL 1/10W 82 F
R402	FN016209	R SMD METAL 1/10W 62 F
R403	FM010000	CHIP RES 1/10W(T) 5% 0OHM
R405	FM010000	CHIP RES 1/10W(T) 5% 0OHM
R409	FM010102	CHIP RES 1/10W (T) 5% 1KO
R412	FM010560	CHIP RES 1/10W(T) 5% 56OH
R415	FM010102	CHIP RES 1/10W (T) 5% 1KO
R416	FM010473	CHIP 1/10W(T) 5% 47K
R418	FM010000	CHIP RES 1/10W(T) 5% 0OHM
R422	FM010000	CHIP RES 1/10W(T) 5% 0OHM
R429	FM010101	CHIP RES 1/10W(T) 5% 100O
R430	FM010101	CHIP RES 1/10W(T) 5% 100O
R433	FM010560	CHIP RES 1/10W(T) 5% 56OH
R435	FM010560	CHIP RES 1/10W(T) 5% 56OH
R449	FM010222	CHIP RES 1/10W(T) 5% 2.2K
R451	FM010332	CHIP RES 1/10W(T) 5% 3.3K
R452	FM010332	CHIP RES 1/10W(T) 5% 3.3K
R453	FM010103	CHIP RES 1/10W(T) 5% 10KO

SYMBOL	Part No for NPG	DESCRIPTION
R454	FM010473	CHIP 1/10W(T) 5% 47K
R455	FM010102	CHIP RES 1/10W (T) 5% 1KO
R456	FM010101	CHIP RES 1/10W(T) 5% 100O
R457	FM010102	CHIP RES 1/10W (T) 5% 1KO
R458	FM010473	CHIP 1/10W(T) 5% 47K
R459	FM010473	CHIP 1/10W(T) 5% 47K
R45E	FM010103	CHIP RES 1/10W(T) 5% 10KO
R45K	FM010103	CHIP RES 1/10W(T) 5% 10KO
R45P	FM010101	CHIP RES 1/10W(T) 5% 100O
R45T	FM010101	CHIP RES 1/10W(T) 5% 100O
R463	FM010103	CHIP RES 1/10W(T) 5% 10KO
R464	FM010103	CHIP RES 1/10W(T) 5% 10KO
R465	FM010101	CHIP RES 1/10W(T) 5% 100O
R466	FM010101	CHIP RES 1/10W(T) 5% 100O
R467	FM010101	CHIP RES 1/10W(T) 5% 100O
R468	FM010101	CHIP RES 1/10W(T) 5% 100O
R470	FM010102	CHIP RES 1/10W (T) 5% 1KO
R4A2	FM010560	CHIP RES 1/10W(T) 5% 56OH
R4A3	FM010330	R SMD 1/10W(T) 5% 33
R4A4	FM010330	R SMD 1/10W(T) 5% 33
R4A5	FM010330	R SMD 1/10W(T) 5% 33
R4A6	FM010330	R SMD 1/10W(T) 5% 33
R4A7	FM010330	R SMD 1/10W(T) 5% 33
R4A8	FM010330	R SMD 1/10W(T) 5% 33
R4A9	FM010330	R SMD 1/10W(T) 5% 33
R4AK	FM010330	R SMD 1/10W(T) 5% 33
R4AL	FM010330	R SMD 1/10W(T) 5% 33
R4AM	FM010330	R SMD 1/10W(T) 5% 33
R4AN	FM010330	R SMD 1/10W(T) 5% 33
R4AP	FM010330	R SMD 1/10W(T) 5% 33
R4AT	FM010330	R SMD 1/10W(T) 5% 33
R4E0	FM010330	R SMD 1/10W(T) 5% 33
R4E1	FM010330	R SMD 1/10W(T) 5% 33
R4E2	FM010330	R SMD 1/10W(T) 5% 33
R4E3	FM010330	R SMD 1/10W(T) 5% 33
R4E4	FM010330	R SMD 1/10W(T) 5% 33
R4E5	FM010101	CHIP RES 1/10W(T) 5% 100O
R4E6	FM010101	CHIP RES 1/10W(T) 5% 100O
R4E7	FM010101	CHIP RES 1/10W(T) 5% 100O
R4E8	FM010101	CHIP RES 1/10W(T) 5% 100O
R4E9	FM010101	CHIP RES 1/10W(T) 5% 100O
R4EA	FM010103	CHIP RES 1/10W(T) 5% 10KO
R550	FM110512	R SMD METAL 1/4W 5.1K J T
R801	FM010223	CHIP RES 1/10W(T) 5% 22KO
R802	FM010103	CHIP RES 1/10W(T) 5% 10KO
R803	FN012702	R SMD 1/10W(T) 1% 27K
R805	FN012402	R SMD METAL 1/10W 24K F
R806	FM010473	CHIP 1/10W(T) 5% 47K

SYMBOL	Part No for NPG	DESCRIPTION
R807	FM010103	CHIP RES 1/10W(T) 5% 10KO
R808	FM010103	CHIP RES 1/10W(T) 5% 10KO
R809	FM010103	CHIP RES 1/10W(T) 5% 10KO
R811	FM010101	CHIP RES 1/10W(T) 5% 100O
R812	FM010101	CHIP RES 1/10W(T) 5% 100O
R813	FM010330	R SMD 1/10W(T) 5% 33
R814	FM010330	R SMD 1/10W(T) 5% 33
R815	FM010330	R SMD 1/10W(T) 5% 33
R816	FM010330	R SMD 1/10W(T) 5% 33
R818	FM010330	R SMD 1/10W(T) 5% 33
R819	FM010330	R SMD 1/10W(T) 5% 33
R820	FM010330	R SMD 1/10W(T) 5% 33
R821	FM010101	CHIP RES 1/10W(T) 5% 100O
R822	FM010101	CHIP RES 1/10W(T) 5% 100O
R823	FM010101	CHIP RES 1/10W(T) 5% 100O
R826	FM010101	CHIP RES 1/10W(T) 5% 100O
R827	FM010101	CHIP RES 1/10W(T) 5% 100O
R828	FM010473	CHIP 1/10W(T) 5% 47K
R829	FM010473	CHIP 1/10W(T) 5% 47K
R830	FM010473	CHIP 1/10W(T) 5% 47K
R831	FM010101	CHIP RES 1/10W(T) 5% 100O
R832	FM010101	CHIP RES 1/10W(T) 5% 100O
R833	FM010101	CHIP RES 1/10W(T) 5% 100O
R834	FM010473	CHIP 1/10W(T) 5% 47K
R838	FM010330	R SMD 1/10W(T) 5% 33
R839	FM010101	CHIP RES 1/10W(T) 5% 100O
R840	FM010101	CHIP RES 1/10W(T) 5% 100O
R841	FM010101	CHIP RES 1/10W(T) 5% 100O
R842	FM010473	CHIP 1/10W(T) 5% 47K
R844	FM010473	CHIP 1/10W(T) 5% 47K
R845	FM010473	CHIP 1/10W(T) 5% 47K
R846	FM010223	CHIP RES 1/10W(T) 5% 22KO
R849	FN011802	R SMD METAL 1/10W 18K F
R850	FN012203	R SMD 1/10W(T) 1% 220K
R883	FM010223	CHIP RES 1/10W(T) 5% 22KO
R885	FM010223	CHIP RES 1/10W(T) 5% 22KO
R886	FM010223	CHIP RES 1/10W(T) 5% 22KO
R887	FM010223	CHIP RES 1/10W(T) 5% 22KO
R889	FM010223	CHIP RES 1/10W(T) 5% 22KO
R890	FM010223	CHIP RES 1/10W(T) 5% 22KO
R891	FM010223	CHIP RES 1/10W(T) 5% 22KO
R8A2	FX410330	R SMD METAL 1W 33 J
R8A4	FM010101	CHIP RES 1/10W(T) 5% 100O
R8A5	FM010101	CHIP RES 1/10W(T) 5% 100O
R8A6	FM010473	CHIP 1/10W(T) 5% 47K
R8A7	FM010473	CHIP 1/10W(T) 5% 47K
R8AA	FM010473	CHIP 1/10W(T) 5% 47K
R8AE	FM010473	CHIP 1/10W(T) 5% 47K

SYMBOL	Part No for NPG	DESCRIPTION
R8AL	FM010473	CHIP 1/10W(T) 5% 47K
R8AX	FM010473	CHIP 1/10W(T) 5% 47K
R8AY	FM010473	CHIP 1/10W(T) 5% 47K
R8E1	FM010473	CHIP 1/10W(T) 5% 47K
R8E7	FM010473	CHIP 1/10W(T) 5% 47K
R8E8	FM010473	CHIP 1/10W(T) 5% 47K
R8E9	FM010473	CHIP 1/10W(T) 5% 47K
R8EA	FM010473	CHIP 1/10W(T) 5% 47K
R8EF	FM010473	CHIP 1/10W(T) 5% 47K
R8F2	FX410330	R SMD METAL 1W 33 J
R8F3	FM010103	CHIP RES 1/10W(T) 5% 10KO
R8F4	FM010101	CHIP RES 1/10W(T) 5% 100O
R8F5	FM010101	CHIP RES 1/10W(T) 5% 100O
R8F6	FM010473	CHIP 1/10W(T) 5% 47K
R8F7	FM010473	CHIP 1/10W(T) 5% 47K
R8FX	FM010473	CHIP 1/10W(T) 5% 47K
R8FY	FM010473	CHIP 1/10W(T) 5% 47K
R8G2	FX410330	R SMD METAL 1W 33 J
R8G3	FM010103	CHIP RES 1/10W(T) 5% 10KO
R8G4	FM010101	CHIP RES 1/10W(T) 5% 100O
R8G5	FM010101	CHIP RES 1/10W(T) 5% 100O
R901	FM110474	R SMD METAL 1/4W 470K J T
R902	FM110474	R SMD METAL 1/4W 470K J T
R903	FM110474	R SMD METAL 1/4W 470K J T
R904	FM110105	R SMD METAL 1/4W 1M J
R905	FM110105	R SMD METAL 1/4W 1M J
R906	FM110105	R SMD METAL 1/4W 1M J
R907	FJ560104	R MOF 2W/M 100K J (A)
R908	FM510222	R SMD METAL 1/3W 2.2K J T
R909	FJ560338	R MOF 2W/M 0.33 J(A)
R910	FM100223	CHIP 1/8W(T) 5% 22K
R911	FN104708	R SMD METAL 1/8W 4.7 F T
R912	FN111002	R SMD METAL 1/4W 10K F T
R913	FN106800	R SMD METAL 1/8W 680 F T
R914	FM100104	CHIP RES 1/8W(T) 5% 100KO
R915	FA270569	R CARBON 1/4W 5.6 J M T
R916	FM100221	CHIP 1/8W(T) 5% 220H
R917	FM100471	R SMD 1/8W(T) 5% 470
R918	FM100101	CHIP 1/8W(T) 5% 100H
R920	FM100103	CHIP 1/8W(T) 5% 10K
R921	FM100333	CHIP 1/8W(T) 5% 33K
R922	FM110333	R SMD METAL 1/4W 33K J T
R923	FM100103	CHIP 1/8W(T) 5% 10K
R924	FM100103	CHIP 1/8W(T) 5% 10K
R925	FM100333	CHIP 1/8W(T) 5% 33K
R926	FN109101	R SMD METAL 1/8W 9.1K F T
R927	FM100104	CHIP RES 1/8W(T) 5% 100KO
R928	FN101002	CHIP 1/8W(T) 1% 10K

SYMBOL	Part No for NPG	DESCRIPTION
R929	FM100103	CHIP 1/8W(T) 5% 10K
R931	FM100223	CHIP 1/8W(T) 5% 22K
R933	FM100104	CHIP RES 1/8W(T) 5% 100KO
R934	FM100103	CHIP 1/8W(T) 5% 10K
R935	FM110105	R SMD METAL 1/4W 1M J
R936	FM110105	R SMD METAL 1/4W 1M J
R937	FM110105	R SMD METAL 1/4W 1M J
R951	FM100122	RES SMD 1/8W(T) 5% 1.2KOH
R952	FN107501	R SMD 1/8W(T) 1% 7.5K
R953	FN106201	CHIP 1/8W(T) 1% 6.2K
R954	FN102201	CHIP RES 1/8W (T) 1% 2.2K
R955	FM100000	CHIP 1/8W(T) 5% 0 H
R956	FM100102	CHIP 1/8W(T) 5% 1K
R9A2	FJ470473	R MOF 1W/M 47K J(A)
R9A3	FM100270	CHIP RES 1/8W(T) 5% 27OHM
R9A4	FM110102	R SMD METAL 1/4W 1.0K J T
R9A5	FM100392	CHIP 1/8W(T) 5% 3.9K
R9A6	FM100000	CHIP 1/8W(T) 5% 0 H
R9A7	FM100103	CHIP 1/8W(T) 5% 10K
R9A8	FM110101	R SMD METAL 1/4W 100 J T
R9E1	FM100101	CHIP 1/8W(T) 5% 100H
R9E2	FN101001	R SMD 1/8W(T) 1% 1K
R9E3	FM100220	R SMD 1/8W(T) 5% 22
R9E4	FN101001	R SMD 1/8W(T) 1% 1K
R9E6	FM100000	CHIP 1/8W(T) 5% 0 H
R9E7	FM100392	CHIP 1/8W(T) 5% 3.9K
R9X1	FM110225	R SMD METAL 1/4W 2.2M J T
R9X2	FM110225	R SMD METAL 1/4W 2.2M J T
R9X4	FM100333	CHIP 1/8W(T) 5% 33K
R9X5	FN117503	R SMD METAL 1/4W 750K F
R9X6	FN117503	R SMD METAL 1/4W 750K F
R9X7	FN116803	R SMD METAL 1/4W 680K F
R9X8	FN102202	CHIP 1/8W(T) 1% 22K
R9X9	FM110223	R SMD METAL 1/4W 22K J T
R9Y1	FM100102	CHIP 1/8W(T) 5% 1K
R9Y2	FM100101	CHIP 1/8W(T) 5% 100H
R9Y3	FJ560338	R MOF 2W/M 0.33 J(A)
RA03	FM010330	R SMD 1/10W(T) 5% 33
RA04	FM010330	R SMD 1/10W(T) 5% 33
RA05	FM010330	R SMD 1/10W(T) 5% 33
RA06	FM010330	R SMD 1/10W(T) 5% 33
RA07	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RA08	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RA11	FM010100	R SMD 1/10W(T) 5% 10
RA12	FM010100	R SMD 1/10W(T) 5% 10
RA19	FM010330	R SMD 1/10W(T) 5% 33
RA20	FM010330	R SMD 1/10W(T) 5% 33
RA21	FM010330	R SMD 1/10W(T) 5% 33

SYMBOL	Part No for NPG	DESCRIPTION
RA22	FM010330	R SMD 1/10W(T) 5% 33
RA23	FM010330	R SMD 1/10W(T) 5% 33
RA24	FM010330	R SMD 1/10W(T) 5% 33
RA27	FM010101	CHIP RES 1/10W(T) 5% 100O
RA28	FM010101	CHIP RES 1/10W(T) 5% 100O
RA29	FM010101	CHIP RES 1/10W(T) 5% 100O
RA30	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA34	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA37	FM010330	R SMD 1/10W(T) 5% 33
RA43	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA44	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA4A	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA4E	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA70A	FM010223	CHIP RES 1/10W(T) 5% 22KO
RA70B	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA70G	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA70R	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA71A	FM010101	CHIP RES 1/10W(T) 5% 100O
RA71B	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA71G	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA71R	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA72A	FM010331	R CHIP 1/10W(T) 5% 33O
RA72B	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA72G	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA72R	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA73A	FM010272	R SMD METAL 1/10W 2.7K J
RA73B	FM010101	CHIP RES 1/10W(T) 5% 100O
RA73G	FM010101	CHIP RES 1/10W(T) 5% 100O
RA73R	FM010101	CHIP RES 1/10W(T) 5% 100O
RA74A	FN012200	CHIP RES 1/10W(T) 1% 220O
RA74B	FM010331	R CHIP 1/10W(T) 5% 33O
RA74G	FM010331	R CHIP 1/10W(T) 5% 33O
RA74R	FM010331	R CHIP 1/10W(T) 5% 33O
RA75A	FN015100	R SMD METAL 1/10W 510 F
RA75B	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA75G	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA75R	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA76A	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA76B	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA76G	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA76R	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA77A	FM010821	R SMD METAL 1/10W 820 J T
RA77B	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA77G	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA77R	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA78A	FM010272	R SMD METAL 1/10W 2.7K J
RA78B	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA78G	FM010472	CHIP RES 1/10W(T) 5% 4.7K

SYMBOL	Part No for NPG	DESCRIPTION
RA78R	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA79A	FM010101	CHIP RES 1/10W(T) 5% 100O
RA79B	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA79G	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA79R	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA7AA	FM010101	CHIP RES 1/10W(T) 5% 100O
RA7AB	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA7AG	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA7AR	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA7EA	FM010332	CHIP RES 1/10W(T) 5% 3.3K
RA7HB	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA7HG	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA7HR	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA7LA	FM010000	CHIP RES 1/10W(T) 5% 0OHM
RA80B	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA80G	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA80R	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA81B	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA81G	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA81R	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA82A	FM010331	R CHIP 1/10W(T) 5% 33O
RA82B	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA82G	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA82R	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA83	FM010330	R SMD 1/10W(T) 5% 33
RA83A	FM010272	R SMD METAL 1/10W 2.7K J
RA83B	FM010101	CHIP RES 1/10W(T) 5% 100O
RA83G	FM010101	CHIP RES 1/10W(T) 5% 100O
RA83R	FM010101	CHIP RES 1/10W(T) 5% 100O
RA84	FM010330	R SMD 1/10W(T) 5% 33
RA84A	FN012200	CHIP RES 1/10W(T) 1% 220O
RA84B	FM010331	R CHIP 1/10W(T) 5% 33O
RA84G	FM010331	R CHIP 1/10W(T) 5% 33O
RA84R	FM010331	R CHIP 1/10W(T) 5% 33O
RA85A	FN015100	R SMD METAL 1/10W 510 F
RA85B	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA85G	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA85R	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA86	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RA86A	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA86B	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA86G	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA86R	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA87	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RA87A	FM010821	R SMD METAL 1/10W 820 J T
RA87B	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA87G	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA87R	FM010102	CHIP RES 1/10W (T) 5% 1KO

SYMBOL	Part No for NPG	DESCRIPTION
RA88A	FM010272	R SMD METAL 1/10W 2.7K J
RA88B	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA88G	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA88R	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA89A	FM010101	CHIP RES 1/10W(T) 5% 1000
RA89B	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA89G	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA89R	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA8AA	FM010101	CHIP RES 1/10W(T) 5% 1000
RA8AB	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA8AG	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA8AR	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA8EA	FM010332	CHIP RES 1/10W(T) 5% 3.3K
RA8HB	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA8HG	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA8HR	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA8KA	FM010272	R SMD METAL 1/10W 2.7K J
RA8LA	FM010000	CHIP RES 1/10W(T) 5% 0OHM
RAA3	FM010471	CHIP 1/10W(T) 5% 470H
RAA4	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RAA5	FM010682	R SMD 1/10W(T) 5% 6.8K
RAA6	FM010223	CHIP RES 1/10W(T) 5% 22KO
RAE3	FM010180	R SMD METAL 1/10W 18 J T
RAE4	FM010330	R SMD 1/10W(T) 5% 33
RAE5	FM010330	R SMD 1/10W(T) 5% 33
RAE6	FM010330	R SMD 1/10W(T) 5% 33
RAFH	FM010100	R SMD 1/10W(T) 5% 10
RAFK	FM010100	R SMD 1/10W(T) 5% 10
RAH1	FM010184	R SMD METAL 1/10W 180K J
RAH2	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAH3	FM010151	CHIP 1/10W(T) 5% 150H
RAH5	FM010184	R SMD METAL 1/10W 180K J
RAH6	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAH7	FM010151	CHIP 1/10W(T) 5% 150H
RAM1	FM010103	CHIP RES 1/10W(T) 5% 10KO
RAM2	FM010103	CHIP RES 1/10W(T) 5% 10KO
RAM3	FM010183	R SMD METAL 1/10W 18K J T
RAM4	FM010183	R SMD METAL 1/10W 18K J T
RAM5	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAM6	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAM7	FM010272	R SMD METAL 1/10W 2.7K J
RAM8	FM010272	R SMD METAL 1/10W 2.7K J
RAN1	FM010470	CHIP RES 1/10W(T) 5% 47OH
RAN2	FM010470	CHIP RES 1/10W(T) 5% 47OH
RAN3	FM010683	CHIP RES 1/10W(T) 5% 68K
RAN4	FM010683	CHIP RES 1/10W(T) 5% 68K
RAN5	FM010184	R SMD METAL 1/10W 180K J
RAN6	FM010184	R SMD METAL 1/10W 180K J

SYMBOL	Part No for NPG	DESCRIPTION
RAN7	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAN8	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAN9	FM010101	CHIP RES 1/10W(T) 5% 100O
RANA	FM010101	CHIP RES 1/10W(T) 5% 100O
RK01	FM010391	R SMD METAL 1/10W 390 J T
RK07	FM010560	CHIP RES 1/10W(T) 5% 56OH
RK08	FM010330	R SMD 1/10W(T) 5% 33
RK09	FM010473	CHIP 1/10W(T) 5% 47K
RK0A	FM010473	CHIP 1/10W(T) 5% 47K
RK10	FM010473	CHIP 1/10W(T) 5% 47K
RK11	FM010000	CHIP RES 1/10W(T) 5% 0OHM
RK16	FM010391	R SMD METAL 1/10W 390 J T
RK22	FM010560	CHIP RES 1/10W(T) 5% 56OH
RK23	FM010330	R SMD 1/10W(T) 5% 33
RK24	FM010473	CHIP 1/10W(T) 5% 47K
RK25	FM010473	CHIP 1/10W(T) 5% 47K
RK26	FM010000	CHIP RES 1/10W(T) 5% 0OHM
RK2A	FM010473	CHIP 1/10W(T) 5% 47K
RK2E	FM010473	CHIP 1/10W(T) 5% 47K
RKAE	FM010473	CHIP 1/10W(T) 5% 47K
RKF1	FN015100	R SMD METAL 1/10W 510 F
RKF2	FN015100	R SMD METAL 1/10W 510 F
RKF6	FN012701	R SMD METAL 1/10W 2.7K F
RKF7	FM010101	CHIP RES 1/10W(T) 5% 100O
RKF8	FM010473	CHIP 1/10W(T) 5% 47K
RKF9	FM010101	CHIP RES 1/10W(T) 5% 100O

*** CAPACITORS ***

C151	GX439157	C SMD CER CH 390P 50V J
C152	GX41050X	C SMD CER BJ 1U 6.3V K
C153	GN247538	C SMD ELE105 4.7U 25V M
C154	GX41051Y	C SMD CER BJ 1U 10V M
C15A	GX01060Y	C SMD CER BJ 10U 6.3V M
C201	GX12260Y	C SMD CER BJ 22U 6.3V M
C221	GNH10710	C SMD ELE105 100U 10V M
C222	GX01060Y	C SMD CER BJ 10U 6.3V M
C223	GNM33728	C SMD ELE105 330U 16V M
C224	GN210624	C SMD ELE105 10U 16V M
C225	GX410439	C SMD CER F 0.1U 25V Z
C226	GX410439	C SMD CER F 0.1U 25V Z
C22E	GX410439	C SMD CER F 0.1U 25V Z
C22F	GX42250Y	C SMD CER BJ 2.2U 6.3V M
C261	GX410439	C SMD CER F 0.1U 25V Z
C263	GN210624	C SMD ELE105 10U 16V M
C265	GX410439	C SMD CER F 0.1U 25V Z
C26A	GX410439	C SMD CER F 0.1U 25V Z
C271	GX12260Y	C SMD CER BJ 22U 6.3V M
C273	GX410439	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NPG	DESCRIPTION
C274	GX410439	C SMD CER F 0.1U 25V Z
C275	GX410439	C SMD CER F 0.1U 25V Z
C276	GX410439	C SMD CER F 0.1U 25V Z
C277	GX01060Y	C SMD CER BJ 10U 6.3V M
C278	GX01060Y	C SMD CER BJ 10U 6.3V M
C27E	GX41050X	C SMD CER BJ 1U 6.3V K
C281	GX12260Y	C SMD CER BJ 22U 6.3V M
C2A2	GX410439	C SMD CER F 0.1U 25V Z
C2A3	GX410439	C SMD CER F 0.1U 25V Z
C2A4	GNH22630	C SMD ELE105 22U 25V M
C2A5	GNM33728	C SMD ELE105 330U 16V M
C2E1	GX410439	C SMD CER F 0.1U 25V Z
C2M1	GNJ10730	C SMD ELE105 100U 25V M
C2M2	GX04733X	C SMD CER BJ 0.047U 25V K
C2M3	GX42725K	C SMD CER B 2700P 50V K
C2M4	GX410439	C SMD CER F 0.1U 25V Z
C2M5	GX410439	C SMD CER F 0.1U 25V Z
C2M6	GNM68728	C SMD ELE105 680U 16V M
C409	GX01060Y	C SMD CER BJ 10U 6.3V M
C410	GX410439	C SMD CER F 0.1U 25V Z
C411	GX410439	C SMD CER F 0.1U 25V Z
C412	GX410439	C SMD CER F 0.1U 25V Z
C413	GX410439	C SMD CER F 0.1U 25V Z
C414	GX410439	C SMD CER F 0.1U 25V Z
C415	GX410439	C SMD CER F 0.1U 25V Z
C416	GX410439	C SMD CER F 0.1U 25V Z
C417	GX410439	C SMD CER F 0.1U 25V Z
C418	GX410439	C SMD CER F 0.1U 25V Z
C419	GX410439	C SMD CER F 0.1U 25V Z
C420	GX410439	C SMD CER F 0.1U 25V Z
C421	GX410439	C SMD CER F 0.1U 25V Z
C422	GX410439	C SMD CER F 0.1U 25V Z
C423	GX410439	C SMD CER F 0.1U 25V Z
C424	GX410439	C SMD CER F 0.1U 25V Z
C425	GX01060Y	C SMD CER BJ 10U 6.3V M
C426	GX410439	C SMD CER F 0.1U 25V Z
C427	GX410439	C SMD CER F 0.1U 25V Z
C428	GX410439	C SMD CER F 0.1U 25V Z
C429	GX410439	C SMD CER F 0.1U 25V Z
C430	GX410439	C SMD CER F 0.1U 25V Z
C431	GX410439	C SMD CER F 0.1U 25V Z
C432	GX410439	C SMD CER F 0.1U 25V Z
C433	GX410439	C SMD CER F 0.1U 25V Z
C434	GX410439	C SMD CER F 0.1U 25V Z
C443	GX01060Y	C SMD CER BJ 10U 6.3V M
C444	GX01060Y	C SMD CER BJ 10U 6.3V M
C451	GX410439	C SMD CER F 0.1U 25V Z
C452	GX01060Y	C SMD CER BJ 10U 6.3V M

SYMBOL	Part No for NPG	DESCRIPTION
C454	GX410056	C SMD CER CH 10P 50V D
C455	GX410056	C SMD CER CH 10P 50V D
C458	GX410439	C SMD CER F 0.1U 25V Z
C459	GX410439	C SMD CER F 0.1U 25V Z
C45F	GX410439	C SMD CER F 0.1U 25V Z
C4A2	GN210624	C SMD ELE105 10U 16V M
C4A4	GX410439	C SMD CER F 0.1U 25V Z
C4E0	GX410439	C SMD CER F 0.1U 25V Z
C4E1	GX410439	C SMD CER F 0.1U 25V Z
C4E2	GX410439	C SMD CER F 0.1U 25V Z
C4E3	GX410439	C SMD CER F 0.1U 25V Z
C4E4	GX410439	C SMD CER F 0.1U 25V Z
C4E5	GX410439	C SMD CER F 0.1U 25V Z
C4E6	GX410439	C SMD CER F 0.1U 25V Z
C4E7	GX410439	C SMD CER F 0.1U 25V Z
C4E8	GX410439	C SMD CER F 0.1U 25V Z
C4E9	GX410439	C SMD CER F 0.1U 25V Z
C4F0	GX410439	C SMD CER F 0.1U 25V Z
C4F1	GX410439	C SMD CER F 0.1U 25V Z
C4F2	GX410439	C SMD CER F 0.1U 25V Z
C4F3	GX410439	C SMD CER F 0.1U 25V Z
C4F4	GX410439	C SMD CER F 0.1U 25V Z
C4F5	GX410439	C SMD CER F 0.1U 25V Z
C4F6	GX410439	C SMD CER F 0.1U 25V Z
C4F7	GX410439	C SMD CER F 0.1U 25V Z
C4F8	GX410439	C SMD CER F 0.1U 25V Z
C4F9	GX410439	C SMD CER F 0.1U 25V Z
C4FA	GX410439	C SMD CER F 0.1U 25V Z
C4FE	GX410439	C SMD CER F 0.1U 25V Z
C4FF	GX410439	C SMD CER F 0.1U 25V Z
C4FH	GX410439	C SMD CER F 0.1U 25V Z
C4FJ	GX410439	C SMD CER F 0.1U 25V Z
C4FK	GX410439	C SMD CER F 0.1U 25V Z
C4FL	GX410439	C SMD CER F 0.1U 25V Z
C4FM	GX410439	C SMD CER F 0.1U 25V Z
C4FMZ	GX410439	C SMD CER F 0.1U 25V Z
C4FN	GX410439	C SMD CER F 0.1U 25V Z
C4FP	GX410439	C SMD CER F 0.1U 25V Z
C4FQ	GX410439	C SMD CER F 0.1U 25V Z
C4FR	GX410439	C SMD CER F 0.1U 25V Z
C4FS	GX410439	C SMD CER F 0.1U 25V Z
C4FT	GX410439	C SMD CER F 0.1U 25V Z
C4FW	GN210624	C SMD ELE105 10U 16V M
C4FX	GX42250Y	C SMD CER BJ 2.2U 6.3V M
C4FY	GX410439	C SMD CER F 0.1U 25V Z
C551	GX410439	C SMD CER F 0.1U 25V Z
C552	GX410439	C SMD CER F 0.1U 25V Z
C553	GX410439	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NPG	DESCRIPTION
C554	GX410439	C SMD CER F 0.1U 25V Z
C555	GX410439	C SMD CER F 0.1U 25V Z
C556	GX410439	C SMD CER F 0.1U 25V Z
C561	GX410439	C SMD CER F 0.1U 25V Z
C562	GX410439	C SMD CER F 0.1U 25V Z
C563	GX410439	C SMD CER F 0.1U 25V Z
C564	GX410439	C SMD CER F 0.1U 25V Z
C565	GX410439	C SMD CER F 0.1U 25V Z
C566	GX410439	C SMD CER F 0.1U 25V Z
C801	GX410439	C SMD CER F 0.1U 25V Z
C802	GX41042K	C SMD CER B 0.1U 16V K
C805	GX410439	C SMD CER F 0.1U 25V Z
C806	GX410439	C SMD CER F 0.1U 25V Z
C807	GX410439	C SMD CER F 0.1U 25V Z
C808	GX410439	C SMD CER F 0.1U 25V Z
C809	GX410439	C SMD CER F 0.1U 25V Z
C810	GX410439	C SMD CER F 0.1U 25V Z
C811	GX410439	C SMD CER F 0.1U 25V Z
C812	GX410439	C SMD CER F 0.1U 25V Z
C813	GX410439	C SMD CER F 0.1U 25V Z
C815	GX410439	C SMD CER F 0.1U 25V Z
C818	GX410439	C SMD CER F 0.1U 25V Z
C819	GX410439	C SMD CER F 0.1U 25V Z
C820	GX41042K	C SMD CER B 0.1U 16V K
C821	GX41042K	C SMD CER B 0.1U 16V K
C8A1	GX410439	C SMD CER F 0.1U 25V Z
C8A2	GX410439	C SMD CER F 0.1U 25V Z
C8E1	GX410439	C SMD CER F 0.1U 25V Z
C901	GJ047417	C SAFE X 0.47U AC275V K
C902	GJ047417	C SAFE X 0.47U AC275V K
C905	GJC102E5	SAFETY Y-CAP/D1000P/400VM
C906	GGY00010	C ELE105 120U 450V SNAP-I
C907	GT001011	C FILM MM 0.01U 400V J
C910	GGV22650	C ELE105 22U 50V M (T)
C911	GGH10740	C ELE105 100U 35V M (T)
C912	GX010459	C SMD CER F 0.1U 50V Z
C913	GX010252	C SMD C0G 1000P 50V J 080
C914	GX010054	C SMD CER CH 10P 50V C
C915	GX01043X	C SMD CER BJ 0.1U 25V K
C920	GX01035K	C SMD CER B 0.01U 50V K
C925	GT001391	C FILM MM 0.47U 100V J
C926	GX01060X	C SMD CER BJ 10U 6.3V K
C927	GGH47555	C ELE105 4.7U 50V M (T)
C951	GGR15830	C ELE105 1500U 25V M (T)
C952	GGR15830	C ELE105 1500U 25V M (T)
C953	GGR10830	C ELE105 1000U 25V M (T)
C954	GX01052Y	C SMD CER BJ 1U 16V M
C955	GH001251	C CER SL 150P 1KV J (T)

SYMBOL	Part No for NPG	DESCRIPTION
C9A2	GGH22555	C ELE105 2.2U 50V M (T)
C9A3	GT001011	C FILM MM 0.01U 400V J
C9A4	GX01043X	C SMD CER BJ 0.1U 25V K
C9A6	GX01051X	C SMD CER BJ 1U 10V K
C9A7	GGH47635	C ELE105 47U 25V M (T)
C9E1	GGR22810	C ELE105 2200U 10V M (T)
C9E2	GX01051X	C SMD CER BJ 1U 10V K
C9E3	GGH10810	C ELE105 1000U 10V M (T)
C9X1	GT002401	C FILM PMS 0.47U 400V J
C9X2	GX01035K	C SMD CER B 0.01U 50V K
C9X3	GX04715K	C SMD CER B 470P 50V K
C9X4	GX03342X	C SMD CER BJ 0.33U 16V K
C9X5	GX01015J	C SMD CER SL 100P 50V J
CA05	GX44732X	C SMD CER BJ 0.047U 16V K
CA06	GX44732X	C SMD CER BJ 0.047U 16V K
CA07	GX44732X	C SMD CER BJ 0.047U 16V K
CA08	GX44732X	C SMD CER BJ 0.047U 16V K
CA09	GX44732X	C SMD CER BJ 0.047U 16V K
CA10	GX44732X	C SMD CER BJ 0.047U 16V K
CA12	GX41025K	C SMD CER B 1000P 50V K
CA19	GX41025K	C SMD CER B 1000P 50V K
CA20	GX01060Y	C SMD CER BJ 10U 6.3V M
CA21	GS782222	C SMD FILM ECHU 8200P 16V
CA22	GS747322	C SMD FILM ECHU 47000P 16
CA23	GX410439	C SMD CER F 0.1U 25V Z
CA24	GX410439	C SMD CER F 0.1U 25V Z
CA25	GX410439	C SMD CER F 0.1U 25V Z
CA26	GX41050X	C SMD CER BJ 1U 6.3V K
CA28	GX410439	C SMD CER F 0.1U 25V Z
CA29	GX410439	C SMD CER F 0.1U 25V Z
CA2A	GS715322	C SMD FILM ECHU 15000P 16
CA36	GX410439	C SMD CER F 0.1U 25V Z
CA37	GX410439	C SMD CER F 0.1U 25V Z
CA38	GX410439	C SMD CER F 0.1U 25V Z
CA39	GX410439	C SMD CER F 0.1U 25V Z
CA40	GX410439	C SMD CER F 0.1U 25V Z
CA41	GX410439	C SMD CER F 0.1U 25V Z
CA42	GX410439	C SMD CER F 0.1U 25V Z
CA43	GX410439	C SMD CER F 0.1U 25V Z
CA44	GX410439	C SMD CER F 0.1U 25V Z
CA45	GX410439	C SMD CER F 0.1U 25V Z
CA53	GX01060Y	C SMD CER BJ 10U 6.3V M
CA67	GX01060Y	C SMD CER BJ 10U 6.3V M
CA70A	GX01060Y	C SMD CER BJ 10U 6.3V M
CA70B	GX410439	C SMD CER F 0.1U 25V Z
CA70G	GX410439	C SMD CER F 0.1U 25V Z
CA70R	GX410439	C SMD CER F 0.1U 25V Z
CA71B	GX01060Y	C SMD CER BJ 10U 6.3V M

SYMBOL	Part No for NPG	DESCRIPTION
CA71G	GX01060Y	C SMD CER BJ 10U 6.3V M
CA71R	GX01060Y	C SMD CER BJ 10U 6.3V M
CA72A	GX410439	C SMD CER F 0.1U 25V Z
CA72B	GX410439	C SMD CER F 0.1U 25V Z
CA72G	GX410439	C SMD CER F 0.1U 25V Z
CA72R	GX410439	C SMD CER F 0.1U 25V Z
CA73B	GX410056	C SMD CER CH 10P 50V D
CA73G	GX410056	C SMD CER CH 10P 50V D
CA73R	GX410056	C SMD CER CH 10P 50V D
CA74B	GX410439	C SMD CER F 0.1U 25V Z
CA74G	GX410439	C SMD CER F 0.1U 25V Z
CA74R	GX410439	C SMD CER F 0.1U 25V Z
CA75A	GX01060Y	C SMD CER BJ 10U 6.3V M
CA75B	GX422057	C SMD CER CH 22P 50V J
CA75G	GX422057	C SMD CER CH 22P 50V J
CA75R	GX422057	C SMD CER CH 22P 50V J
CA76B	GX410439	C SMD CER F 0.1U 25V Z
CA76G	GX410439	C SMD CER F 0.1U 25V Z
CA76R	GX410439	C SMD CER F 0.1U 25V Z
CA77A	GX468057	C SMD CER CH 68P 50V J
CA77B	GX447057	C SMD CER CH 47P 50V J
CA77G	GX447057	C SMD CER CH 47P 50V J
CA77R	GX447057	C SMD CER CH 47P 50V J
CA78A	GX410439	C SMD CER F 0.1U 25V Z
CA80A	GX01060Y	C SMD CER BJ 10U 6.3V M
CA80B	GX410439	C SMD CER F 0.1U 25V Z
CA80G	GX410439	C SMD CER F 0.1U 25V Z
CA80R	GX410439	C SMD CER F 0.1U 25V Z
CA81B	GX01060Y	C SMD CER BJ 10U 6.3V M
CA81G	GX01060Y	C SMD CER BJ 10U 6.3V M
CA81R	GX01060Y	C SMD CER BJ 10U 6.3V M
CA82B	GX410439	C SMD CER F 0.1U 25V Z
CA82G	GX410439	C SMD CER F 0.1U 25V Z
CA82R	GX410439	C SMD CER F 0.1U 25V Z
CA83B	GX410056	C SMD CER CH 10P 50V D
CA83G	GX410056	C SMD CER CH 10P 50V D
CA83R	GX410056	C SMD CER CH 10P 50V D
CA84B	GX410439	C SMD CER F 0.1U 25V Z
CA84G	GX410439	C SMD CER F 0.1U 25V Z
CA84R	GX410439	C SMD CER F 0.1U 25V Z
CA85A	GX01060Y	C SMD CER BJ 10U 6.3V M
CA85B	GX422057	C SMD CER CH 22P 50V J
CA85G	GX422057	C SMD CER CH 22P 50V J
CA85R	GX422057	C SMD CER CH 22P 50V J
CA86B	GX410439	C SMD CER F 0.1U 25V Z
CA86G	GX410439	C SMD CER F 0.1U 25V Z
CA86R	GX410439	C SMD CER F 0.1U 25V Z
CA87A	GX468057	C SMD CER CH 68P 50V J

SYMBOL	Part No for NPG	DESCRIPTION
CA87B	GX447057	C SMD CER CH 47P 50V J
CA87G	GX447057	C SMD CER CH 47P 50V J
CA87R	GX447057	C SMD CER CH 47P 50V J
CA88A	GX410439	C SMD CER F 0.1U 25V Z
CA90	GX41025K	C SMD CER B 1000P 50V K
CA91	GX41025K	C SMD CER B 1000P 50V K
CAA1	GX410439	C SMD CER F 0.1U 25V Z
CAA2	GX410439	C SMD CER F 0.1U 25V Z
CAA3	GX410439	C SMD CER F 0.1U 25V Z
CAA4	GX410439	C SMD CER F 0.1U 25V Z
CAA5	GX410439	C SMD CER F 0.1U 25V Z
CAA6	GN210624	C SMD ELE105 10U 16V M
CAH1	GX41050X	C SMD CER BJ 1U 6.3V K
CAH2	GX41050X	C SMD CER BJ 1U 6.3V K
CAH3	GX46825K	C SMD CER B 6800P 50V K
CAH4	GX46825K	C SMD CER B 6800P 50V K
CAM3	GX01060Y	C SMD CER BJ 10U 6.3V M
CAM4	GX01060Y	C SMD CER BJ 10U 6.3V M
CAN1	GX41050X	C SMD CER BJ 1U 6.3V K
CAN2	GX41050X	C SMD CER BJ 1U 6.3V K
CAN3	GX46825K	C SMD CER B 6800P 50V K
CAN4	GX46825K	C SMD CER B 6800P 50V K
CK01	GX410439	C SMD CER F 0.1U 25V Z
CK02	GX410439	C SMD CER F 0.1U 25V Z
CK03	GX410439	C SMD CER F 0.1U 25V Z
CK04	GX410439	C SMD CER F 0.1U 25V Z
CK05	GX410439	C SMD CER F 0.1U 25V Z
CK06	GX410439	C SMD CER F 0.1U 25V Z
CK07	GX410439	C SMD CER F 0.1U 25V Z
CK08	GX410439	C SMD CER F 0.1U 25V Z
CK09	GX410157	C SMD CER CH 100P 50V J
CK10	GX410157	C SMD CER CH 100P 50V J
CK11	GX410157	C SMD CER CH 100P 50V J
CK12	GX410157	C SMD CER CH 100P 50V J
CK13	GX410157	C SMD CER CH 100P 50V J
CK14	GX01060Y	C SMD CER BJ 10U 6.3V M
CK16	GN310720	C SMD ELE105 100U 16V M
CK17	GX410157	C SMD CER CH 100P 50V J
CK18	GX01060Y	C SMD CER BJ 10U 6.3V M
CK19	GX410439	C SMD CER F 0.1U 25V Z
CK20	GX410439	C SMD CER F 0.1U 25V Z
CK21	GX410439	C SMD CER F 0.1U 25V Z
CK22	GX410439	C SMD CER F 0.1U 25V Z
CK23	GX410439	C SMD CER F 0.1U 25V Z
CK24	GX410439	C SMD CER F 0.1U 25V Z
CK25	GX410439	C SMD CER F 0.1U 25V Z
CK26	GX410439	C SMD CER F 0.1U 25V Z
CK27	GX410157	C SMD CER CH 100P 50V J

SYMBOL	Part No for NPG	DESCRIPTION
CK28	GX410157	C SMD CER CH 100P 50V J
CK29	GX410157	C SMD CER CH 100P 50V J
CK30	GX410157	C SMD CER CH 100P 50V J
CK31	GX410157	C SMD CER CH 100P 50V J
CK32	GX01060Y	C SMD CER BJ 10U 6.3V M
CK34	GN310720	C SMD ELE105 100U 16V M
CK35	GX410157	C SMD CER CH 100P 50V J
CK36	GX01060Y	C SMD CER BJ 10U 6.3V M
CKF1	GX410439	C SMD CER F 0.1U 25V Z
CKF2	GX410439	C SMD CER F 0.1U 25V Z

REPLACEMENT PARTS LIST(For U.S.)

The components specified for Model LCD2080UX-BK(A)

Manufactured by NPG

SYMBOL	Part No for NPG	DESCRIPTION
*** ICS ***		
IC201	EHA10881	IC SMD BA00BC0WFP
IC221	EHA10861	IC SMD PQ1CZ21H2ZP
IC222	EHA10881	IC SMD BA00BC0WFP
IC251	EHA10871	IC SMD L4978 REGULATOR
IC271	EHA10881	IC SMD BA00BC0WFP
IC272	EHA10881	IC SMD BA00BC0WFP
IC2A1	EHA10861	IC SMD PQ1CZ21H2ZP
IC401	EHA10741	IC SMD PW164B
IC402	EHA10691	IC SMD LH28F800-L202V03
IC403	EHA10801	IC SMD ICS332M-L202EV
IC405	EHA10771	IC SMDSN74AHC2G125H MOS
IC4A1	EHA10721	IC SMD UPD65545-Y-6C
IC4A2	EHA10751	IC SMD NC7WZ14
IC4A3	EHA10751	IC SMD NC7WZ14
IC551	EHA10831	IC SMD DS90C385MTD MOS
IC552	EHA10831	IC SMD DS90C385MTD MOS
IC801	EHA90011	IC RESET M51957AFP
IC802	EHA90011	IC RESET M51957AFP
IC803	EHA10761	IC SMD CAT24WC64JI-TE13 M
IC804	EHA10701	IC SMD M30625MGN-A26GP
IC8A1	EHA10211	IC SMD BU9882F-WE2 MOS
IC8A2	EHA10821	IC SMD X9116WM8-2.7T4 MOS
IC8A3	EHA10821	IC SMD X9116WM8-2.7T4 MOS
IC8A4	EHA10811	IC SMD SN74CBT1G125DCK
IC8A5	EHA10811	IC SMD SN74CBT1G125DCK
IC8F1	EHA10211	IC SMD BU9882F-WE2 MOS
IC901	EH110251	IC STR-E1717 LF NO. 1064
IC951	EH110321	IC TL431ACLP
IC9A1	EH110261	IC MIP2E2DMY0LE
IC9A2	EHA10901	IC SMD XN04A8800L
IC9E1	EH110321	IC TL431ACLP
ICA01	EHA10711	IC SMD AD9888KS-170
ICA70A	EHA10841	IC SMD AD8002AR
ICAA1	EHA10751	IC SMD NC7WZ14
ICAA2	EHA10751	IC SMD NC7WZ14
ICAA3	EHA10791	IC SMD SN74CBTLV1G125DCK
ICAA4	EHA10791	IC SMD SN74CBTLV1G125DCK
ICAA5	EHA11071	IC SMD TA76431F
ICAA6	EHA10781	IC SMD SN74CBTLV3125PW
ICK01	EHA10731	IC SMD TFP401 MOS
ICK02	EHA10731	IC SMD TFP401 MOS

SYMBOL	Part No for NPG	DESCRIPTION
PC901	EH190021	IC PHOTO COUPLE PC123Y
PC911	EH190021	IC PHOTO COUPLE PC123Y
PC9A1	EH190021	IC PHOTO COUPLE PC123Y

*** TRANSISTORS ***

Q101	ECA00081	TR SMD DTC143ZKA-T146
Q102	ECA00161	TR SMD 2SA1162-GR
Q104	ECA00081	TR SMD DTC143ZKA-T146
Q105	ECA00161	TR SMD 2SA1162-GR
Q151	ECA00191	FET SMD 2SJ580-TD
Q152	ECA00021	TR SMD 2SA1037AK-T146 Q
Q153	EN000413	CHIP TR NPN 2SC2412K-T146
Q154	ECA00061	TR SMD DTC144EKA-T146(O)
Q155	ECA00061	TR SMD DTC144EKA-T146(O)
Q156	ECA00071	TR SMD DTA144EKA
Q157	ECA00061	TR SMD DTC144EKA-T146(O)
Q261	ECA00061	TR SMD DTC144EKA-T146(O)
Q262	EFK00061	FET SMD 2SJ377(TE16L)
Q265	EFK00011	FET SMD 2SK3018-T106
Q271	ECA00061	TR SMD DTC144EKA-T146(O)
Q272	ECA00061	TR SMD DTC144EKA-T146(O)
Q451	ECA00161	TR SMD 2SA1162-GR
Q452	ECA00061	TR SMD DTC144EKA-T146(O)
Q453	ECA00061	TR SMD DTC144EKA-T146(O)
Q805	ECA00061	TR SMD DTC144EKA-T146(O)
Q806	ECA00151	TR SMD 2SC3734
Q807	ECA00151	TR SMD 2SC3734
Q861	EFK00011	FET SMD 2SK3018-T106
Q863	EFK00011	FET SMD 2SK3018-T106
Q8A3	ECA00061	TR SMD DTC144EKA-T146(O)
Q8E1	ECA00061	TR SMD DTC144EKA-T146(O)
Q8E5	ECA00061	TR SMD DTC144EKA-T146(O)
Q8E6	ECA00061	TR SMD DTC144EKA-T146(O)
Q901	EF000010	FET 2SK3673-01MR-F111
Q908	EFK00041	FET SMD 2SK2715 P
Q911	ECA00021	TR SMD 2SA1037AK-T146 Q
Q912	EN000413	CHIP TR NPN 2SC2412K-T146
Q913	EN000413	CHIP TR NPN 2SC2412K-T146
Q930	ECA00061	TR SMD DTC144EKA-T146(O)
Q931	EC100011	TR 2SC5562
Q932	ECA00061	TR SMD DTC144EKA-T146(O)
Q933	ECA00091	TR SMD DTB114EK
Q9E1	ECA00061	TR SMD DTC144EKA-T146(O)
QA70A	ECA00061	TR SMD DTC144EKA-T146(O)
QA70B	ECA00141	TR SMD 2SC5084-O
QA70G	ECA00141	TR SMD 2SC5084-O
QA70R	ECA00141	TR SMD 2SC5084-O
QA71A	ECA00191	FET SMD 2SJ580-TD

SYMBOL	Part No for NPG	DESCRIPTION
QA71B	ECA00071	TR SMD DTA144EKA
QA71G	ECA00071	TR SMD DTA144EKA
QA71R	ECA00071	TR SMD DTA144EKA
QA72A	ECA00071	TR SMD DTA144EKA
QA72B	ECA00071	TR SMD DTA144EKA
QA72G	ECA00071	TR SMD DTA144EKA
QA72R	ECA00071	TR SMD DTA144EKA
QA73B	ECA00071	TR SMD DTA144EKA
QA73G	ECA00071	TR SMD DTA144EKA
QA73R	ECA00071	TR SMD DTA144EKA
QA80B	ECA00141	TR SMD 2SC5084-O
QA80G	ECA00141	TR SMD 2SC5084-O
QA80R	ECA00141	TR SMD 2SC5084-O
QA81B	ECA00071	TR SMD DTA144EKA
QA81G	ECA00071	TR SMD DTA144EKA
QA81R	ECA00071	TR SMD DTA144EKA
QA82B	ECA00071	TR SMD DTA144EKA
QA82G	ECA00071	TR SMD DTA144EKA
QA82R	ECA00071	TR SMD DTA144EKA
QA83B	ECA00071	TR SMD DTA144EKA
QA83G	ECA00071	TR SMD DTA144EKA
QA83R	ECA00071	TR SMD DTA144EKA
QAA1	ECA00061	TR SMD DTC144EKA-T146(O)
QAH1	ECA00031	TR SMD 2SA1434-TB
QAH2	ECA00031	TR SMD 2SA1434-TB
QAM1	ECA00151	TR SMD 2SC3734
QAM2	ECA00151	TR SMD 2SC3734
QAN1	ECA00031	TR SMD 2SA1434-TB
QAN2	ECA00031	TR SMD 2SA1434-TB
QKF1	ECA00021	TR SMD 2SA1037AK-T146 Q

*** DIODES ***

D151	EX500114	CHIP DIODE/T 1SS355TE-17
D152	EJK00021	DI SMD RB715F-T106
D221	EJK00051	DI SMD SFPB-64
D222	EX500114	CHIP DIODE/T 1SS355TE-17
D271	EX500114	CHIP DIODE/T 1SS355TE-17
D272	EX500114	CHIP DIODE/T 1SS355TE-17
D273	EX500114	CHIP DIODE/T 1SS355TE-17
D274	EX700216	DIODE RB495D
D275	EX700216	DIODE RB495D
D2A1	EJK00051	DI SMD SFPB-64
D2M1	EJK00051	DI SMD SFPB-64
D901	EJ100430	DI D3SBA60
D902	EJ100471	DI RM10A (T)
D907	EJ100481	DI EG01CV1-T
D911	EJK00061	DI SMD 1SR156-400
D912	EJK00081	DI SMD MA2Z001

SYMBOL	Part No for NPG	DESCRIPTION
D913	EJK00101	DI SMD DG1M3
D914	EJK00101	DI SMD DG1M3
D915	EJK00081	DI SMD MA2Z001
D930	EX500114	CHIP DIODE/T 1SS355TE-17
D951	EJ100440	DI FMX-22S
D9A1	EJ100481	DI EG01CV1-T
D9A2	EJK00081	DI SMD MA2Z001
D9E1	EJ100450	DI RK39
D9X1	EJ100460	DI FMG-G26S
D9X2	EJK00071	DI SMD SFPL-52
DA01	EX500216	CHIP DIODE DAN217 T146
DA02	EX500216	CHIP DIODE DAN217 T146
DA03	EX500216	CHIP DIODE DAN217 T146
DA04	EX500114	CHIP DIODE/T 1SS355TE-17
DA11	EX500216	CHIP DIODE DAN217 T146
DA12	EX500216	CHIP DIODE DAN217 T146
DA13	EX500216	CHIP DIODE DAN217 T146
DA70A	EJK00011	DI SMD 1SS356
DA71B	EJK00011	DI SMD 1SS356
DA71G	EJK00011	DI SMD 1SS356
DA71R	EJK00011	DI SMD 1SS356
DA72B	EJK00011	DI SMD 1SS356
DA72G	EJK00011	DI SMD 1SS356
DA72R	EJK00011	DI SMD 1SS356
DA73B	EJK00011	DI SMD 1SS356
DA73G	EJK00011	DI SMD 1SS356
DA73R	EJK00011	DI SMD 1SS356
DA80A	EJK00011	DI SMD 1SS356
DA81B	EJK00011	DI SMD 1SS356
DA81G	EJK00011	DI SMD 1SS356
DA81R	EJK00011	DI SMD 1SS356
DA82B	EJK00011	DI SMD 1SS356
DA82G	EJK00011	DI SMD 1SS356
DA82R	EJK00011	DI SMD 1SS356
DA83B	EJK00011	DI SMD 1SS356
DA83G	EJK00011	DI SMD 1SS356
DA83R	EJK00011	DI SMD 1SS356
ZD8G2	EJK00031	DI SMD STZ6.2N
ZD908	EYD40752	ZD SMD UDZS7.5BTE-17
ZD910	EYD42702	ZD SMD UDZS27BTE-17
ZD917	EYD41802	ZD SMD UDZS18BTE-17
ZD918	EYD40512	ZD SMD UDZS5.1BTE-17
ZD919	EYD40472	ZD SMD UDZS4.7BTE-17
ZD920	EYD42702	ZD SMD UDZS27BTE-17
ZD930	EYD40752	ZD SMD UDZS7.5BTE-17
ZD9A4	EYD41802	ZD SMD UDZS18BTE-17
ZDA01	EJK00131	DI SMD DF5A6.2F(TE)
ZDA11	EJK00131	DI SMD DF5A6.2F(TE)

SYMBOL	Part No for NPG	DESCRIPTION
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*** TRANSFORMERS ***

T901	HE100121	TRANS SWITCH ST-1102A
T9A1	HE100131	TRANS SWITCH L2.3MH

*** RELAYS & SWITCHES ***

SW901	JC100020	SW SEESAW SDDJE14500
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#N/A

*** PWB A

#N/A

MANASAS	AM0EV1ML	MAIN INSERT ASSY
PWNSAS	AP0EV1ML	POWER INSERT ASSY
XJM01	JM100131	INVERTER UNIT L202EV

*** COILS & FILTERS ***

FL203	HAB00207	L SMD NFM60R30T222T1
FL2M1	HAB00207	L SMD NFM60R30T222T1
FL901	HA100152	L LINE FILTER LFZ28H05
L115	HM011811	L BEAD SMD BK1608LM252-T
L116	HM011811	L BEAD SMD BK1608LM252-T
L117	HM011811	L BEAD SMD BK1608LM252-T
L118	HM011811	L BEAD SMD BK1608LM252-T
L119	HM011811	L BEAD SMD BK1608LM252-T
L120	HM011811	L BEAD SMD BK1608LM252-T
L121	HM011811	L BEAD SMD BK1608LM252-T
L122	HM011811	L BEAD SMD BK1608LM252-T
L123	HM011811	L BEAD SMD BK1608LM252-T
L125	HM011811	L BEAD SMD BK1608LM252-T
L221	HM019281	L BEAD SMD FBMH3216HM501N
L222	HM019281	L BEAD SMD FBMH3216HM501N
L223	HAB00109	L SMD SLF10145T-101M1R0-P
L261	HM019281	L BEAD SMD FBMH3216HM501N
L262	HM019321	L BEAD SMD FBMH4525HM102N
L263	HM019281	L BEAD SMD FBMH3216HM501N
L271	HM019281	L BEAD SMD FBMH3216HM501N
L272	HM019281	L BEAD SMD FBMH3216HM501N
L2A1	HAB00109	L SMD SLF10145T-101M1R0-P
L2A2	HM019281	L BEAD SMD FBMH3216HM501N
L2M1	HAB00090	L SMD SLF12565T-101M1R6
L405	HM019281	L BEAD SMD FBMH3216HM501N
L406	HM019281	L BEAD SMD FBMH3216HM501N
L451	HM011811	L BEAD SMD BK1608LM252-T
L452	HM011651	L BEAD SMD BK1608HS800-T
L453	HM011651	L BEAD SMD BK1608HS800-T
L454	HM011811	L BEAD SMD BK1608LM252-T
L459	HM011811	L BEAD SMD BK1608LM252-T
L4A1	HM011811	L BEAD SMD BK1608LM252-T
L4A2	HM019281	L BEAD SMD FBMH3216HM501N
L4A3	HM019281	L BEAD SMD FBMH3216HM501N

SYMBOL	Part No for NPG	DESCRIPTION
L4A4	HM020011	L BEAD SMD BKP1608HS330-T
L4A5	HM020011	L BEAD SMD BKP1608HS330-T
L551	HM011681	L BEAD SMD BK1608HS601-T
L552	HM011681	L BEAD SMD BK1608HS601-T
L553	HM011681	L BEAD SMD BK1608HS601-T
L561	HM011681	L BEAD SMD BK1608HS601-T
L562	HM011681	L BEAD SMD BK1608HS601-T
L563	HM011681	L BEAD SMD BK1608HS601-T
L951	HA200251	L SBC7-100-532
L9A1	HAB00233	L SMD LEMC3225T101K
L9E1	HA200206	L CHOKE TSL1112RA-100M3R7
L9X1	HA200181	L PFC COIL 77A-2702
L9X2	HA200191	L CHOKE 72U2A SF1-T8-50S-
LAA3	HM020011	L BEAD SMD BKP1608HS330-T
LAA4	HM020011	L BEAD SMD BKP1608HS330-T
LAA5	HM020011	L BEAD SMD BKP1608HS330-T
LAA6	HM020011	L BEAD SMD BKP1608HS330-T
LAA7	HM020011	L BEAD SMD BKP1608HS330-T
LAH1	HM020011	L BEAD SMD BKP1608HS330-T
LAH2	HM020011	L BEAD SMD BKP1608HS330-T
LAN1	HM020011	L BEAD SMD BKP1608HS330-T
LAN2	HM020011	L BEAD SMD BKP1608HS330-T

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

CN951	RC200341	WIRE CB14P 1007#26L100
F901	JA460011	FUSE SG5013 3.15 PF 250V
OSC4A1	EM2K0061	OSC SMD IC 55MHZ
TH901	FD200021	NTCR 10D2-10LC
VD901	FD300018	VARISTOR ENE471D-10A
X402	EM1K0061	OSC SMD XTAL 14.31818MHZ
X7A01	RC200351	WIRE CC30P 1516#30L250
X7A02	RC200361	WIRE CB13P 1007#26L70
X801	EM2K0041	OSC SMD CSTCR7M37G53-R0
XDJM02	JM100121	CABLE BUTTON BLK
XDRE03	RE010221	CABLE VI DVID-DVID 2M BK
XDRE04	RE010231	CABLE VI DVID-DSUB 2M BK
XDRG02	RG021081	PW CORD NA 2.0M BLK I-SHE
XJG01	3A684034	LCD LM201U03 LGPHILIPS
(For NMV Part)		

*** APPEARANCE PARTS ***

BAAS	10104401	BACK ASSY,L202EV(BK,N)
BE	10104371	BEZEL,L202EV(BK,N)
BRBAAS	12301211	BRACKET BASE ASSY,L202EV
CVCA	11002241	COVER CABLE,L202EV(BK)
STCV	11002221	STAND COVER TB,L202EV(BK)
STUN	11002201	STAND UNIT,L202EV(BK)

SYMBOL	Part No for NPG	DESCRIPTION
*** PRINTED & PACKING MATERIALS ***		
CABX	13202971	CARTON BOX,L202EV(BKA)
CASHL	13203011	CARTON SHEET,L202EV
FLB	13401271	FILLER B,L202EV
FLC	13401281	FILLER C,L202EV
FLT	13401261	FILLER T,L202EV
LVSH	15800581	LVIEW SHEET
MANU	15501831	MANUAL,L202EV(A)
NAFL	15900251	NAVISET CARTON BOX FLYER
PABAG	13700521	PACKING BAG(BK)
PEBAG	13700251	PE BAG (340*225)
PROTE	13700531	PROTECTION SHEET
RALA	15002621	RATING LABEL,L202EV(BK)
SHSE	15800551	SHEET SETUP,L202EV(A)
*** RESISTORS ***		
J921	FM110000	R SMD 1/4W(T) 5% 0
J923	FM110000	R SMD 1/4W(T) 5% 0
J924	FM110000	R SMD 1/4W(T) 5% 0
J925	FM110000	R SMD 1/4W(T) 5% 0
J926	FM110000	R SMD 1/4W(T) 5% 0
J927	FM110000	R SMD 1/4W(T) 5% 0
J928	FM110000	R SMD 1/4W(T) 5% 0
J929	FM110000	R SMD 1/4W(T) 5% 0
J930	FX500000	R SMD METAL 1/4W 0 JUMPER
J940	FM110000	R SMD 1/4W(T) 5% 0
J961	FM110000	R SMD 1/4W(T) 5% 0
J962	FM110000	R SMD 1/4W(T) 5% 0
MR401	FPA03231	R NET SMD 1/16W 150 J
MR402	FPA03231	R NET SMD 1/16W 150 J
MR403	FPA03231	R NET SMD 1/16W 150 J
MR404	FPA03231	R NET SMD 1/16W 150 J
MR405	FPA03231	R NET SMD 1/16W 150 J
MR406	FPA03231	R NET SMD 1/16W 150 J
MR407	FPA03231	R NET SMD 1/16W 150 J
MR408	FPA03231	R NET SMD 1/16W 150 J
MR409	FPA03231	R NET SMD 1/16W 150 J
MR410	FPA03231	R NET SMD 1/16W 150 J
MR411	FPA03231	R NET SMD 1/16W 150 J
MR412	FPA03231	R NET SMD 1/16W 150 J
MR4G1	FPA01071	R NET SMD 1/16W 33 J
MR4G3	FPA01071	R NET SMD 1/16W 33 J
MR4G5	FPA01071	R NET SMD 1/16W 33 J
MR4G7	FPA01071	R NET SMD 1/16W 33 J
MR4G9	FPA01071	R NET SMD 1/16W 33 J
MR4H1	FPA01071	R NET SMD 1/16W 33 J
MRA01	FPA01131	R NET SMD 1/16W 100 J
MRA03	FPA01131	R NET SMD 1/16W 100 J
MRA05	FPA01131	R NET SMD 1/16W 100 J

SYMBOL	Part No for NPG	DESCRIPTION
MRA07	FPA01131	R NET SMD 1/16W 100 J
MRA09	FPA01131	R NET SMD 1/16W 100 J
MRA11	FPA01131	R NET SMD 1/16W 100 J
MRK01	FPA01071	R NET SMD 1/16W 33 J
MRK03	FPA01071	R NET SMD 1/16W 33 J
MRK05	FPA01071	R NET SMD 1/16W 33 J
MRK07	FPA01071	R NET SMD 1/16W 33 J
MRK09	FPA01071	R NET SMD 1/16W 33 J
MRK11	FPA01071	R NET SMD 1/16W 33 J
MRK13	FPA01071	R NET SMD 1/16W 33 J
MRK15	FPA01071	R NET SMD 1/16W 33 J
MRK17	FPA01071	R NET SMD 1/16W 33 J
MRK19	FPA01071	R NET SMD 1/16W 33 J
MRK21	FPA01071	R NET SMD 1/16W 33 J
MRK23	FPA01071	R NET SMD 1/16W 33 J
R101	FM010472	CHIP RES 1/10W(T) 5% 4.7K
R102	FM010472	CHIP RES 1/10W(T) 5% 4.7K
R103	FN011800	R SMD 1/10W(T) 1% 180
R105	FM010472	CHIP RES 1/10W(T) 5% 4.7K
R106	FM010472	CHIP RES 1/10W(T) 5% 4.7K
R107	FN011800	R SMD 1/10W(T) 1% 180
R117	FM100102	CHIP 1/8W(T) 5% 1K
R118	FM100102	CHIP 1/8W(T) 5% 1K
R119	FM100102	CHIP 1/8W(T) 5% 1K
R120	FM100102	CHIP 1/8W(T) 5% 1K
R121	FM100102	CHIP 1/8W(T) 5% 1K
R122	FM100102	CHIP 1/8W(T) 5% 1K
R123	FM100102	CHIP 1/8W(T) 5% 1K
R125	FM100102	CHIP 1/8W(T) 5% 1K
R151	FN011501	R SMD METAL 1/10W 1.5K F
R152	FM010272	R SMD METAL 1/10W 2.7K J
R153	FM010103	CHIP RES 1/10W(T) 5% 10KO
R154	FM010272	R SMD METAL 1/10W 2.7K J
R155	FM010560	CHIP RES 1/10W(T) 5% 56OH
R156	FM010824	R SMD METAL 1/10W 820K J
R157	FM010103	CHIP RES 1/10W(T) 5% 10KO
R158	FM010563	R SMD METAL 1/10W 56K J T
R159	FM010103	CHIP RES 1/10W(T) 5% 10KO
R15A	FM010103	CHIP RES 1/10W(T) 5% 10KO
R15E	FM010103	CHIP RES 1/10W(T) 5% 10KO
R15F	FM010102	CHIP RES 1/10W (T) 5% 1KO
R15L	FM010102	CHIP RES 1/10W (T) 5% 1KO
R201	FM010102	CHIP RES 1/10W (T) 5% 1KO
R202	FN015602	R SMD METAL 1/10W 56K F
R203	FN013302	R SMD 1/10W(T) 1% 33K
R221	FN011801	CHIP RES 1/10W(T) 1% 1.8K
R222	FN012702	R SMD 1/10W(T) 1% 27K
R223	FN011201	R SMD METAL 1/10W 1.2K F

SYMBOL	Part No for NPG	DESCRIPTION
R224	FN013002	R SMD METAL 1/10W 30K F
R225	FM010102	CHIP RES 1/10W (T) 5% 1KO
R226	FM010102	CHIP RES 1/10W (T) 5% 1KO
R261	FM010333	R SMD 1/10W(T) 5% 33K
R262	FM010333	R SMD 1/10W(T) 5% 33K
R266	FN011503	CHIP RES 1/10W(T) 1% 150K
R267	FN013302	R SMD 1/10W(T) 1% 33K
R268	FX300681	R SMD METAL 1/2W 680 J
R269	FX300681	R SMD METAL 1/2W 680 J
R26A	FM010102	CHIP RES 1/10W (T) 5% 1KO
R271	FM010222	CHIP RES 1/10W(T) 5% 2.2K
R272	FM010562	R SMD METAL 1/10W 5.6K J
R273	FN015602	R SMD METAL 1/10W 56K F
R274	FN013302	R SMD 1/10W(T) 1% 33K
R274A	FN012201	CHIP RES 1/10W(T) 1% 2.2K
R275	FM010332	CHIP RES 1/10W(T) 5% 3.3K
R276	FN013302	R SMD 1/10W(T) 1% 33K
R277	FN013302	R SMD 1/10W(T) 1% 33K
R277A	FN011201	R SMD METAL 1/10W 1.2K F
R278	FM010103	CHIP RES 1/10W(T) 5% 10KO
R2A1	FM010560	CHIP RES 1/10W(T) 5% 56OH
R2A2	FM010560	CHIP RES 1/10W(T) 5% 56OH
R2A3	FN013900	R SMD METAL 1/10W 390 F
R2A4	FN011001	CHIP RES 1/10W(T) 1% 1KOH
R2A5	FN018201	R SMD METAL 1/10W 8.2K F
R2A7	FM010102	CHIP RES 1/10W (T) 5% 1KO
R2M1	FN014701	CHIP RES 1/10W(T) 1% 4.7K
R2M2	FN012202	R SMD METAL 1/10W 22K F
R2M3	FN011201	R SMD METAL 1/10W 1.2K F
R2M4	FN014701	CHIP RES 1/10W(T) 1% 4.7K
R2M5	FN018209	R SMD METAL 1/10W 82 F
R402	FN016209	R SMD METAL 1/10W 62 F
R403	FM010000	CHIP RES 1/10W(T) 5% 0OHM
R405	FM010000	CHIP RES 1/10W(T) 5% 0OHM
R409	FM010102	CHIP RES 1/10W (T) 5% 1KO
R412	FM010560	CHIP RES 1/10W(T) 5% 56OH
R415	FM010102	CHIP RES 1/10W (T) 5% 1KO
R416	FM010473	CHIP 1/10W(T) 5% 47K
R418	FM010000	CHIP RES 1/10W(T) 5% 0OHM
R422	FM010000	CHIP RES 1/10W(T) 5% 0OHM
R429	FM010101	CHIP RES 1/10W(T) 5% 100O
R430	FM010101	CHIP RES 1/10W(T) 5% 100O
R433	FM010560	CHIP RES 1/10W(T) 5% 56OH
R435	FM010560	CHIP RES 1/10W(T) 5% 56OH
R449	FM010222	CHIP RES 1/10W(T) 5% 2.2K
R451	FM010332	CHIP RES 1/10W(T) 5% 3.3K
R452	FM010332	CHIP RES 1/10W(T) 5% 3.3K
R453	FM010103	CHIP RES 1/10W(T) 5% 10KO

SYMBOL	Part No for NPG	DESCRIPTION
R454	FM010473	CHIP 1/10W(T) 5% 47K
R455	FM010102	CHIP RES 1/10W (T) 5% 1KO
R456	FM010101	CHIP RES 1/10W(T) 5% 100O
R457	FM010102	CHIP RES 1/10W (T) 5% 1KO
R458	FM010473	CHIP 1/10W(T) 5% 47K
R459	FM010473	CHIP 1/10W(T) 5% 47K
R45E	FM010103	CHIP RES 1/10W(T) 5% 10KO
R45K	FM010103	CHIP RES 1/10W(T) 5% 10KO
R45P	FM010101	CHIP RES 1/10W(T) 5% 100O
R45T	FM010101	CHIP RES 1/10W(T) 5% 100O
R463	FM010103	CHIP RES 1/10W(T) 5% 10KO
R464	FM010103	CHIP RES 1/10W(T) 5% 10KO
R465	FM010101	CHIP RES 1/10W(T) 5% 100O
R466	FM010101	CHIP RES 1/10W(T) 5% 100O
R467	FM010101	CHIP RES 1/10W(T) 5% 100O
R468	FM010101	CHIP RES 1/10W(T) 5% 100O
R470	FM010102	CHIP RES 1/10W (T) 5% 1KO
R4A2	FM010560	CHIP RES 1/10W(T) 5% 56OH
R4A3	FM010330	R SMD 1/10W(T) 5% 33
R4A4	FM010330	R SMD 1/10W(T) 5% 33
R4A5	FM010330	R SMD 1/10W(T) 5% 33
R4A6	FM010330	R SMD 1/10W(T) 5% 33
R4A7	FM010330	R SMD 1/10W(T) 5% 33
R4A8	FM010330	R SMD 1/10W(T) 5% 33
R4A9	FM010330	R SMD 1/10W(T) 5% 33
R4AK	FM010330	R SMD 1/10W(T) 5% 33
R4AL	FM010330	R SMD 1/10W(T) 5% 33
R4AM	FM010330	R SMD 1/10W(T) 5% 33
R4AN	FM010330	R SMD 1/10W(T) 5% 33
R4AP	FM010330	R SMD 1/10W(T) 5% 33
R4AT	FM010330	R SMD 1/10W(T) 5% 33
R4E0	FM010330	R SMD 1/10W(T) 5% 33
R4E1	FM010330	R SMD 1/10W(T) 5% 33
R4E2	FM010330	R SMD 1/10W(T) 5% 33
R4E3	FM010330	R SMD 1/10W(T) 5% 33
R4E4	FM010330	R SMD 1/10W(T) 5% 33
R4E5	FM010101	CHIP RES 1/10W(T) 5% 100O
R4E6	FM010101	CHIP RES 1/10W(T) 5% 100O
R4E7	FM010101	CHIP RES 1/10W(T) 5% 100O
R4E8	FM010101	CHIP RES 1/10W(T) 5% 100O
R4E9	FM010101	CHIP RES 1/10W(T) 5% 100O
R4EA	FM010103	CHIP RES 1/10W(T) 5% 10KO
R550	FM110512	R SMD METAL 1/4W 5.1K J T
R801	FM010223	CHIP RES 1/10W(T) 5% 22KO
R802	FM010103	CHIP RES 1/10W(T) 5% 10KO
R803	FN012702	R SMD 1/10W(T) 1% 27K
R805	FN012402	R SMD METAL 1/10W 24K F
R806	FM010473	CHIP 1/10W(T) 5% 47K

SYMBOL	Part No for NPG	DESCRIPTION
R807	FM010103	CHIP RES 1/10W(T) 5% 10KO
R808	FM010103	CHIP RES 1/10W(T) 5% 10KO
R809	FM010103	CHIP RES 1/10W(T) 5% 10KO
R811	FM010101	CHIP RES 1/10W(T) 5% 100O
R812	FM010101	CHIP RES 1/10W(T) 5% 100O
R813	FM010330	R SMD 1/10W(T) 5% 33
R814	FM010330	R SMD 1/10W(T) 5% 33
R815	FM010330	R SMD 1/10W(T) 5% 33
R816	FM010330	R SMD 1/10W(T) 5% 33
R818	FM010330	R SMD 1/10W(T) 5% 33
R819	FM010330	R SMD 1/10W(T) 5% 33
R820	FM010330	R SMD 1/10W(T) 5% 33
R821	FM010101	CHIP RES 1/10W(T) 5% 100O
R822	FM010101	CHIP RES 1/10W(T) 5% 100O
R823	FM010101	CHIP RES 1/10W(T) 5% 100O
R826	FM010101	CHIP RES 1/10W(T) 5% 100O
R827	FM010101	CHIP RES 1/10W(T) 5% 100O
R828	FM010473	CHIP 1/10W(T) 5% 47K
R829	FM010473	CHIP 1/10W(T) 5% 47K
R830	FM010473	CHIP 1/10W(T) 5% 47K
R831	FM010101	CHIP RES 1/10W(T) 5% 100O
R832	FM010101	CHIP RES 1/10W(T) 5% 100O
R833	FM010101	CHIP RES 1/10W(T) 5% 100O
R834	FM010473	CHIP 1/10W(T) 5% 47K
R838	FM010330	R SMD 1/10W(T) 5% 33
R839	FM010101	CHIP RES 1/10W(T) 5% 100O
R840	FM010101	CHIP RES 1/10W(T) 5% 100O
R841	FM010101	CHIP RES 1/10W(T) 5% 100O
R842	FM010473	CHIP 1/10W(T) 5% 47K
R844	FM010473	CHIP 1/10W(T) 5% 47K
R845	FM010473	CHIP 1/10W(T) 5% 47K
R846	FM010223	CHIP RES 1/10W(T) 5% 22KO
R849	FN011802	R SMD METAL 1/10W 18K F
R850	FN012203	R SMD 1/10W(T) 1% 220K
R883	FM010223	CHIP RES 1/10W(T) 5% 22KO
R885	FM010223	CHIP RES 1/10W(T) 5% 22KO
R886	FM010223	CHIP RES 1/10W(T) 5% 22KO
R887	FM010223	CHIP RES 1/10W(T) 5% 22KO
R889	FM010223	CHIP RES 1/10W(T) 5% 22KO
R890	FM010223	CHIP RES 1/10W(T) 5% 22KO
R891	FM010223	CHIP RES 1/10W(T) 5% 22KO
R8A2	FX410330	R SMD METAL 1W 33 J
R8A4	FM010101	CHIP RES 1/10W(T) 5% 100O
R8A5	FM010101	CHIP RES 1/10W(T) 5% 100O
R8A6	FM010473	CHIP 1/10W(T) 5% 47K
R8A7	FM010473	CHIP 1/10W(T) 5% 47K
R8AA	FM010473	CHIP 1/10W(T) 5% 47K
R8AE	FM010473	CHIP 1/10W(T) 5% 47K

SYMBOL	Part No for NPG	DESCRIPTION
R8AL	FM010473	CHIP 1/10W(T) 5% 47K
R8AX	FM010473	CHIP 1/10W(T) 5% 47K
R8AY	FM010473	CHIP 1/10W(T) 5% 47K
R8E1	FM010473	CHIP 1/10W(T) 5% 47K
R8E7	FM010473	CHIP 1/10W(T) 5% 47K
R8E8	FM010473	CHIP 1/10W(T) 5% 47K
R8E9	FM010473	CHIP 1/10W(T) 5% 47K
R8EA	FM010473	CHIP 1/10W(T) 5% 47K
R8EF	FM010473	CHIP 1/10W(T) 5% 47K
R8F2	FX410330	R SMD METAL 1W 33 J
R8F3	FM010103	CHIP RES 1/10W(T) 5% 10KO
R8F4	FM010101	CHIP RES 1/10W(T) 5% 100O
R8F5	FM010101	CHIP RES 1/10W(T) 5% 100O
R8F6	FM010473	CHIP 1/10W(T) 5% 47K
R8F7	FM010473	CHIP 1/10W(T) 5% 47K
R8FX	FM010473	CHIP 1/10W(T) 5% 47K
R8FY	FM010473	CHIP 1/10W(T) 5% 47K
R8G2	FX410330	R SMD METAL 1W 33 J
R8G3	FM010103	CHIP RES 1/10W(T) 5% 10KO
R8G4	FM010101	CHIP RES 1/10W(T) 5% 100O
R8G5	FM010101	CHIP RES 1/10W(T) 5% 100O
R901	FM110474	R SMD METAL 1/4W 470K J T
R902	FM110474	R SMD METAL 1/4W 470K J T
R903	FM110474	R SMD METAL 1/4W 470K J T
R904	FM110105	R SMD METAL 1/4W 1M J
R905	FM110105	R SMD METAL 1/4W 1M J
R906	FM110105	R SMD METAL 1/4W 1M J
R907	FJ560104	R MOF 2W/M 100K J (A)
R908	FM510222	R SMD METAL 1/3W 2.2K J T
R909	FJ560338	R MOF 2W/M 0.33 J(A)
R910	FM100223	CHIP 1/8W(T) 5% 22K
R911	FN104708	R SMD METAL 1/8W 4.7 F T
R912	FN111002	R SMD METAL 1/4W 10K F T
R913	FN106800	R SMD METAL 1/8W 680 F T
R914	FM100104	CHIP RES 1/8W(T) 5% 100KO
R915	FA270569	R CARBON 1/4W 5.6 J M T
R916	FM100221	CHIP 1/8W(T) 5% 220H
R917	FM100471	R SMD 1/8W(T) 5% 470
R918	FM100101	CHIP 1/8W(T) 5% 100H
R920	FM100103	CHIP 1/8W(T) 5% 10K
R921	FM100333	CHIP 1/8W(T) 5% 33K
R922	FM110333	R SMD METAL 1/4W 33K J T
R923	FM100103	CHIP 1/8W(T) 5% 10K
R924	FM100103	CHIP 1/8W(T) 5% 10K
R925	FM100333	CHIP 1/8W(T) 5% 33K
R926	FN109101	R SMD METAL 1/8W 9.1K F T
R927	FM100104	CHIP RES 1/8W(T) 5% 100KO
R928	FN101002	CHIP 1/8W(T) 1% 10K

SYMBOL	Part No for NPG	DESCRIPTION
R929	FM100103	CHIP 1/8W(T) 5% 10K
R931	FM100223	CHIP 1/8W(T) 5% 22K
R933	FM100104	CHIP RES 1/8W(T) 5% 100KO
R934	FM100103	CHIP 1/8W(T) 5% 10K
R935	FM110105	R SMD METAL 1/4W 1M J
R936	FM110105	R SMD METAL 1/4W 1M J
R937	FM110105	R SMD METAL 1/4W 1M J
R951	FM100122	RES SMD 1/8W(T) 5% 1.2KOH
R952	FN107501	R SMD 1/8W(T) 1% 7.5K
R953	FN106201	CHIP 1/8W(T) 1% 6.2K
R954	FN102201	CHIP RES 1/8W (T) 1% 2.2K
R955	FM100000	CHIP 1/8W(T) 5% 0 H
R956	FM100102	CHIP 1/8W(T) 5% 1K
R9A2	FJ470473	R MOF 1W/M 47K J(A)
R9A3	FM100270	CHIP RES 1/8W(T) 5% 27OHM
R9A4	FM110102	R SMD METAL 1/4W 1.0K J T
R9A5	FM100392	CHIP 1/8W(T) 5% 3.9K
R9A6	FM100000	CHIP 1/8W(T) 5% 0 H
R9A7	FM100103	CHIP 1/8W(T) 5% 10K
R9A8	FM110101	R SMD METAL 1/4W 100 J T
R9E1	FM100101	CHIP 1/8W(T) 5% 100H
R9E2	FN101001	R SMD 1/8W(T) 1% 1K
R9E3	FM100220	R SMD 1/8W(T) 5% 22
R9E4	FN101001	R SMD 1/8W(T) 1% 1K
R9E6	FM100000	CHIP 1/8W(T) 5% 0 H
R9E7	FM100392	CHIP 1/8W(T) 5% 3.9K
R9X1	FM110225	R SMD METAL 1/4W 2.2M J T
R9X2	FM110225	R SMD METAL 1/4W 2.2M J T
R9X4	FM100333	CHIP 1/8W(T) 5% 33K
R9X5	FN117503	R SMD METAL 1/4W 750K F
R9X6	FN117503	R SMD METAL 1/4W 750K F
R9X7	FN116803	R SMD METAL 1/4W 680K F
R9X8	FN102202	CHIP 1/8W(T) 1% 22K
R9X9	FM110223	R SMD METAL 1/4W 22K J T
R9Y1	FM100102	CHIP 1/8W(T) 5% 1K
R9Y2	FM100101	CHIP 1/8W(T) 5% 100H
R9Y3	FJ560338	R MOF 2W/M 0.33 J(A)
RA03	FM010330	R SMD 1/10W(T) 5% 33
RA04	FM010330	R SMD 1/10W(T) 5% 33
RA05	FM010330	R SMD 1/10W(T) 5% 33
RA06	FM010330	R SMD 1/10W(T) 5% 33
RA07	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RA08	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RA11	FM010100	R SMD 1/10W(T) 5% 10
RA12	FM010100	R SMD 1/10W(T) 5% 10
RA19	FM010330	R SMD 1/10W(T) 5% 33
RA20	FM010330	R SMD 1/10W(T) 5% 33
RA21	FM010330	R SMD 1/10W(T) 5% 33

SYMBOL	Part No for NPG	DESCRIPTION
RA22	FM010330	R SMD 1/10W(T) 5% 33
RA23	FM010330	R SMD 1/10W(T) 5% 33
RA24	FM010330	R SMD 1/10W(T) 5% 33
RA27	FM010101	CHIP RES 1/10W(T) 5% 100O
RA28	FM010101	CHIP RES 1/10W(T) 5% 100O
RA29	FM010101	CHIP RES 1/10W(T) 5% 100O
RA30	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA34	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA37	FM010330	R SMD 1/10W(T) 5% 33
RA43	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA44	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA4A	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA4E	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA70A	FM010223	CHIP RES 1/10W(T) 5% 22KO
RA70B	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA70G	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA70R	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA71A	FM010101	CHIP RES 1/10W(T) 5% 100O
RA71B	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA71G	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA71R	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA72A	FM010331	R CHIP 1/10W(T) 5% 33O
RA72B	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA72G	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA72R	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA73A	FM010272	R SMD METAL 1/10W 2.7K J
RA73B	FM010101	CHIP RES 1/10W(T) 5% 100O
RA73G	FM010101	CHIP RES 1/10W(T) 5% 100O
RA73R	FM010101	CHIP RES 1/10W(T) 5% 100O
RA74A	FN012200	CHIP RES 1/10W(T) 1% 220O
RA74B	FM010331	R CHIP 1/10W(T) 5% 33O
RA74G	FM010331	R CHIP 1/10W(T) 5% 33O
RA74R	FM010331	R CHIP 1/10W(T) 5% 33O
RA75A	FN015100	R SMD METAL 1/10W 510 F
RA75B	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA75G	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA75R	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA76A	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA76B	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA76G	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA76R	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA77A	FM010821	R SMD METAL 1/10W 820 J T
RA77B	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA77G	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA77R	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA78A	FM010272	R SMD METAL 1/10W 2.7K J
RA78B	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA78G	FM010472	CHIP RES 1/10W(T) 5% 4.7K

SYMBOL	Part No for NPG	DESCRIPTION
RA78R	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA79A	FM010101	CHIP RES 1/10W(T) 5% 100O
RA79B	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA79G	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA79R	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA7AA	FM010101	CHIP RES 1/10W(T) 5% 100O
RA7AB	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA7AG	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA7AR	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA7EA	FM010332	CHIP RES 1/10W(T) 5% 3.3K
RA7HB	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA7HG	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA7HR	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA7LA	FM010000	CHIP RES 1/10W(T) 5% 0OHM
RA80B	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA80G	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA80R	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA81B	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA81G	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA81R	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA82A	FM010331	R CHIP 1/10W(T) 5% 33O
RA82B	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA82G	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA82R	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA83	FM010330	R SMD 1/10W(T) 5% 33
RA83A	FM010272	R SMD METAL 1/10W 2.7K J
RA83B	FM010101	CHIP RES 1/10W(T) 5% 100O
RA83G	FM010101	CHIP RES 1/10W(T) 5% 100O
RA83R	FM010101	CHIP RES 1/10W(T) 5% 100O
RA84	FM010330	R SMD 1/10W(T) 5% 33
RA84A	FN012200	CHIP RES 1/10W(T) 1% 220O
RA84B	FM010331	R CHIP 1/10W(T) 5% 33O
RA84G	FM010331	R CHIP 1/10W(T) 5% 33O
RA84R	FM010331	R CHIP 1/10W(T) 5% 33O
RA85A	FN015100	R SMD METAL 1/10W 51O F
RA85B	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA85G	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA85R	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA86	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RA86A	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA86B	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA86G	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA86R	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA87	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RA87A	FM010821	R SMD METAL 1/10W 82O J T
RA87B	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA87G	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA87R	FM010102	CHIP RES 1/10W (T) 5% 1KO

SYMBOL	Part No for NPG	DESCRIPTION
RA88A	FM010272	R SMD METAL 1/10W 2.7K J
RA88B	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA88G	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA88R	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA89A	FM010101	CHIP RES 1/10W(T) 5% 1000
RA89B	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA89G	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA89R	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA8AA	FM010101	CHIP RES 1/10W(T) 5% 1000
RA8AB	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA8AG	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA8AR	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA8EA	FM010332	CHIP RES 1/10W(T) 5% 3.3K
RA8HB	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA8HG	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA8HR	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA8KA	FM010272	R SMD METAL 1/10W 2.7K J
RA8LA	FM010000	CHIP RES 1/10W(T) 5% 0OHM
RAA3	FM010471	CHIP 1/10W(T) 5% 470H
RAA4	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RAA5	FM010682	R SMD 1/10W(T) 5% 6.8K
RAA6	FM010223	CHIP RES 1/10W(T) 5% 22KO
RAE3	FM010180	R SMD METAL 1/10W 18 J T
RAE4	FM010330	R SMD 1/10W(T) 5% 33
RAE5	FM010330	R SMD 1/10W(T) 5% 33
RAE6	FM010330	R SMD 1/10W(T) 5% 33
RAFH	FM010100	R SMD 1/10W(T) 5% 10
RAFK	FM010100	R SMD 1/10W(T) 5% 10
RAH1	FM010184	R SMD METAL 1/10W 180K J
RAH2	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAH3	FM010151	CHIP 1/10W(T) 5% 150H
RAH5	FM010184	R SMD METAL 1/10W 180K J
RAH6	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAH7	FM010151	CHIP 1/10W(T) 5% 150H
RAM1	FM010103	CHIP RES 1/10W(T) 5% 10KO
RAM2	FM010103	CHIP RES 1/10W(T) 5% 10KO
RAM3	FM010183	R SMD METAL 1/10W 18K J T
RAM4	FM010183	R SMD METAL 1/10W 18K J T
RAM5	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAM6	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAM7	FM010272	R SMD METAL 1/10W 2.7K J
RAM8	FM010272	R SMD METAL 1/10W 2.7K J
RAN1	FM010470	CHIP RES 1/10W(T) 5% 47OH
RAN2	FM010470	CHIP RES 1/10W(T) 5% 47OH
RAN3	FM010683	CHIP RES 1/10W(T) 5% 68K
RAN4	FM010683	CHIP RES 1/10W(T) 5% 68K
RAN5	FM010184	R SMD METAL 1/10W 180K J
RAN6	FM010184	R SMD METAL 1/10W 180K J

SYMBOL	Part No for NPG	DESCRIPTION
RAN7	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAN8	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAN9	FM010101	CHIP RES 1/10W(T) 5% 100O
RANA	FM010101	CHIP RES 1/10W(T) 5% 100O
RK01	FM010391	R SMD METAL 1/10W 390 J T
RK07	FM010560	CHIP RES 1/10W(T) 5% 56OH
RK08	FM010330	R SMD 1/10W(T) 5% 33
RK09	FM010473	CHIP 1/10W(T) 5% 47K
RK0A	FM010473	CHIP 1/10W(T) 5% 47K
RK10	FM010473	CHIP 1/10W(T) 5% 47K
RK11	FM010000	CHIP RES 1/10W(T) 5% 0OHM
RK16	FM010391	R SMD METAL 1/10W 390 J T
RK22	FM010560	CHIP RES 1/10W(T) 5% 56OH
RK23	FM010330	R SMD 1/10W(T) 5% 33
RK24	FM010473	CHIP 1/10W(T) 5% 47K
RK25	FM010473	CHIP 1/10W(T) 5% 47K
RK26	FM010000	CHIP RES 1/10W(T) 5% 0OHM
RK2A	FM010473	CHIP 1/10W(T) 5% 47K
RK2E	FM010473	CHIP 1/10W(T) 5% 47K
RKAE	FM010473	CHIP 1/10W(T) 5% 47K
RKF1	FN015100	R SMD METAL 1/10W 510 F
RKF2	FN015100	R SMD METAL 1/10W 510 F
RKF6	FN012701	R SMD METAL 1/10W 2.7K F
RKF7	FM010101	CHIP RES 1/10W(T) 5% 100O
RKF8	FM010473	CHIP 1/10W(T) 5% 47K
RKF9	FM010101	CHIP RES 1/10W(T) 5% 100O

*** CAPACITORS ***

C151	GX439157	C SMD CER CH 390P 50V J
C152	GX41050X	C SMD CER BJ 1U 6.3V K
C153	GN247538	C SMD ELE105 4.7U 25V M
C154	GX41051Y	C SMD CER BJ 1U 10V M
C15A	GX01060Y	C SMD CER BJ 10U 6.3V M
C201	GX12260Y	C SMD CER BJ 22U 6.3V M
C221	GNH10710	C SMD ELE105 100U 10V M
C222	GX01060Y	C SMD CER BJ 10U 6.3V M
C223	GNM33728	C SMD ELE105 330U 16V M
C224	GN210624	C SMD ELE105 10U 16V M
C225	GX410439	C SMD CER F 0.1U 25V Z
C226	GX410439	C SMD CER F 0.1U 25V Z
C22E	GX410439	C SMD CER F 0.1U 25V Z
C22F	GX42250Y	C SMD CER BJ 2.2U 6.3V M
C261	GX410439	C SMD CER F 0.1U 25V Z
C263	GN210624	C SMD ELE105 10U 16V M
C265	GX410439	C SMD CER F 0.1U 25V Z
C26A	GX410439	C SMD CER F 0.1U 25V Z
C271	GX12260Y	C SMD CER BJ 22U 6.3V M
C273	GX410439	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NPG	DESCRIPTION
C274	GX410439	C SMD CER F 0.1U 25V Z
C275	GX410439	C SMD CER F 0.1U 25V Z
C276	GX410439	C SMD CER F 0.1U 25V Z
C277	GX01060Y	C SMD CER BJ 10U 6.3V M
C278	GX01060Y	C SMD CER BJ 10U 6.3V M
C27E	GX41050X	C SMD CER BJ 1U 6.3V K
C281	GX12260Y	C SMD CER BJ 22U 6.3V M
C2A2	GX410439	C SMD CER F 0.1U 25V Z
C2A3	GX410439	C SMD CER F 0.1U 25V Z
C2A4	GNH22630	C SMD ELE105 22U 25V M
C2A5	GNM33728	C SMD ELE105 330U 16V M
C2E1	GX410439	C SMD CER F 0.1U 25V Z
C2M1	GNJ10730	C SMD ELE105 100U 25V M
C2M2	GX04733X	C SMD CER BJ 0.047U 25V K
C2M3	GX42725K	C SMD CER B 2700P 50V K
C2M4	GX410439	C SMD CER F 0.1U 25V Z
C2M5	GX410439	C SMD CER F 0.1U 25V Z
C2M6	GNM68728	C SMD ELE105 680U 16V M
C409	GX01060Y	C SMD CER BJ 10U 6.3V M
C410	GX410439	C SMD CER F 0.1U 25V Z
C411	GX410439	C SMD CER F 0.1U 25V Z
C412	GX410439	C SMD CER F 0.1U 25V Z
C413	GX410439	C SMD CER F 0.1U 25V Z
C414	GX410439	C SMD CER F 0.1U 25V Z
C415	GX410439	C SMD CER F 0.1U 25V Z
C416	GX410439	C SMD CER F 0.1U 25V Z
C417	GX410439	C SMD CER F 0.1U 25V Z
C418	GX410439	C SMD CER F 0.1U 25V Z
C419	GX410439	C SMD CER F 0.1U 25V Z
C420	GX410439	C SMD CER F 0.1U 25V Z
C421	GX410439	C SMD CER F 0.1U 25V Z
C422	GX410439	C SMD CER F 0.1U 25V Z
C423	GX410439	C SMD CER F 0.1U 25V Z
C424	GX410439	C SMD CER F 0.1U 25V Z
C425	GX01060Y	C SMD CER BJ 10U 6.3V M
C426	GX410439	C SMD CER F 0.1U 25V Z
C427	GX410439	C SMD CER F 0.1U 25V Z
C428	GX410439	C SMD CER F 0.1U 25V Z
C429	GX410439	C SMD CER F 0.1U 25V Z
C430	GX410439	C SMD CER F 0.1U 25V Z
C431	GX410439	C SMD CER F 0.1U 25V Z
C432	GX410439	C SMD CER F 0.1U 25V Z
C433	GX410439	C SMD CER F 0.1U 25V Z
C434	GX410439	C SMD CER F 0.1U 25V Z
C443	GX01060Y	C SMD CER BJ 10U 6.3V M
C444	GX01060Y	C SMD CER BJ 10U 6.3V M
C451	GX410439	C SMD CER F 0.1U 25V Z
C452	GX01060Y	C SMD CER BJ 10U 6.3V M

SYMBOL	Part No for NPG	DESCRIPTION
C454	GX410056	C SMD CER CH 10P 50V D
C455	GX410056	C SMD CER CH 10P 50V D
C458	GX410439	C SMD CER F 0.1U 25V Z
C459	GX410439	C SMD CER F 0.1U 25V Z
C45F	GX410439	C SMD CER F 0.1U 25V Z
C4A2	GN210624	C SMD ELE105 10U 16V M
C4A4	GX410439	C SMD CER F 0.1U 25V Z
C4E0	GX410439	C SMD CER F 0.1U 25V Z
C4E1	GX410439	C SMD CER F 0.1U 25V Z
C4E2	GX410439	C SMD CER F 0.1U 25V Z
C4E3	GX410439	C SMD CER F 0.1U 25V Z
C4E4	GX410439	C SMD CER F 0.1U 25V Z
C4E5	GX410439	C SMD CER F 0.1U 25V Z
C4E6	GX410439	C SMD CER F 0.1U 25V Z
C4E7	GX410439	C SMD CER F 0.1U 25V Z
C4E8	GX410439	C SMD CER F 0.1U 25V Z
C4E9	GX410439	C SMD CER F 0.1U 25V Z
C4F0	GX410439	C SMD CER F 0.1U 25V Z
C4F1	GX410439	C SMD CER F 0.1U 25V Z
C4F2	GX410439	C SMD CER F 0.1U 25V Z
C4F3	GX410439	C SMD CER F 0.1U 25V Z
C4F4	GX410439	C SMD CER F 0.1U 25V Z
C4F5	GX410439	C SMD CER F 0.1U 25V Z
C4F6	GX410439	C SMD CER F 0.1U 25V Z
C4F7	GX410439	C SMD CER F 0.1U 25V Z
C4F8	GX410439	C SMD CER F 0.1U 25V Z
C4F9	GX410439	C SMD CER F 0.1U 25V Z
C4FA	GX410439	C SMD CER F 0.1U 25V Z
C4FE	GX410439	C SMD CER F 0.1U 25V Z
C4FF	GX410439	C SMD CER F 0.1U 25V Z
C4FH	GX410439	C SMD CER F 0.1U 25V Z
C4FJ	GX410439	C SMD CER F 0.1U 25V Z
C4FK	GX410439	C SMD CER F 0.1U 25V Z
C4FL	GX410439	C SMD CER F 0.1U 25V Z
C4FM	GX410439	C SMD CER F 0.1U 25V Z
C4FMZ	GX410439	C SMD CER F 0.1U 25V Z
C4FN	GX410439	C SMD CER F 0.1U 25V Z
C4FP	GX410439	C SMD CER F 0.1U 25V Z
C4FQ	GX410439	C SMD CER F 0.1U 25V Z
C4FR	GX410439	C SMD CER F 0.1U 25V Z
C4FS	GX410439	C SMD CER F 0.1U 25V Z
C4FT	GX410439	C SMD CER F 0.1U 25V Z
C4FW	GN210624	C SMD ELE105 10U 16V M
C4FX	GX42250Y	C SMD CER BJ 2.2U 6.3V M
C4FY	GX410439	C SMD CER F 0.1U 25V Z
C551	GX410439	C SMD CER F 0.1U 25V Z
C552	GX410439	C SMD CER F 0.1U 25V Z
C553	GX410439	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NPG	DESCRIPTION
C554	GX410439	C SMD CER F 0.1U 25V Z
C555	GX410439	C SMD CER F 0.1U 25V Z
C556	GX410439	C SMD CER F 0.1U 25V Z
C561	GX410439	C SMD CER F 0.1U 25V Z
C562	GX410439	C SMD CER F 0.1U 25V Z
C563	GX410439	C SMD CER F 0.1U 25V Z
C564	GX410439	C SMD CER F 0.1U 25V Z
C565	GX410439	C SMD CER F 0.1U 25V Z
C566	GX410439	C SMD CER F 0.1U 25V Z
C801	GX410439	C SMD CER F 0.1U 25V Z
C802	GX41042K	C SMD CER B 0.1U 16V K
C805	GX410439	C SMD CER F 0.1U 25V Z
C806	GX410439	C SMD CER F 0.1U 25V Z
C807	GX410439	C SMD CER F 0.1U 25V Z
C808	GX410439	C SMD CER F 0.1U 25V Z
C809	GX410439	C SMD CER F 0.1U 25V Z
C810	GX410439	C SMD CER F 0.1U 25V Z
C811	GX410439	C SMD CER F 0.1U 25V Z
C812	GX410439	C SMD CER F 0.1U 25V Z
C813	GX410439	C SMD CER F 0.1U 25V Z
C815	GX410439	C SMD CER F 0.1U 25V Z
C818	GX410439	C SMD CER F 0.1U 25V Z
C819	GX410439	C SMD CER F 0.1U 25V Z
C820	GX41042K	C SMD CER B 0.1U 16V K
C821	GX41042K	C SMD CER B 0.1U 16V K
C8A1	GX410439	C SMD CER F 0.1U 25V Z
C8A2	GX410439	C SMD CER F 0.1U 25V Z
C8E1	GX410439	C SMD CER F 0.1U 25V Z
C901	GJ047417	C SAFE X 0.47U AC275V K
C902	GJ047417	C SAFE X 0.47U AC275V K
C905	GJC102E5	SAFETY Y-CAP/D1000P/400VM
C906	GGY00010	C ELE105 120U 450V SNAP-I
C907	GT001011	C FILM MM 0.01U 400V J
C910	GGV22650	C ELE105 22U 50V M (T)
C911	GGH10740	C ELE105 100U 35V M (T)
C912	GX010459	C SMD CER F 0.1U 50V Z
C913	GX010252	C SMD C0G 1000P 50V J 080
C914	GX010054	C SMD CER CH 10P 50V C
C915	GX01043X	C SMD CER BJ 0.1U 25V K
C920	GX01035K	C SMD CER B 0.01U 50V K
C925	GT001391	C FILM MM 0.47U 100V J
C926	GX01060X	C SMD CER BJ 10U 6.3V K
C927	GGH47555	C ELE105 4.7U 50V M (T)
C951	GGR15830	C ELE105 1500U 25V M (T)
C952	GGR15830	C ELE105 1500U 25V M (T)
C953	GGR10830	C ELE105 1000U 25V M (T)
C954	GX01052Y	C SMD CER BJ 1U 16V M
C955	GH001251	C CER SL 150P 1KV J (T)

SYMBOL	Part No for NPG	DESCRIPTION
C9A2	GGH22555	C ELE105 2.2U 50V M (T)
C9A3	GT001011	C FILM MM 0.01U 400V J
C9A4	GX01043X	C SMD CER BJ 0.1U 25V K
C9A6	GX01051X	C SMD CER BJ 1U 10V K
C9A7	GGH47635	C ELE105 47U 25V M (T)
C9E1	GGR22810	C ELE105 2200U 10V M (T)
C9E2	GX01051X	C SMD CER BJ 1U 10V K
C9E3	GGH10810	C ELE105 1000U 10V M (T)
C9X1	GT002401	C FILM PMS 0.47U 400V J
C9X2	GX01035K	C SMD CER B 0.01U 50V K
C9X3	GX04715K	C SMD CER B 470P 50V K
C9X4	GX03342X	C SMD CER BJ 0.33U 16V K
C9X5	GX01015J	C SMD CER SL 100P 50V J
CA05	GX44732X	C SMD CER BJ 0.047U 16V K
CA06	GX44732X	C SMD CER BJ 0.047U 16V K
CA07	GX44732X	C SMD CER BJ 0.047U 16V K
CA08	GX44732X	C SMD CER BJ 0.047U 16V K
CA09	GX44732X	C SMD CER BJ 0.047U 16V K
CA10	GX44732X	C SMD CER BJ 0.047U 16V K
CA12	GX41025K	C SMD CER B 1000P 50V K
CA19	GX41025K	C SMD CER B 1000P 50V K
CA20	GX01060Y	C SMD CER BJ 10U 6.3V M
CA21	GS782222	C SMD FILM ECHU 8200P 16V
CA22	GS747322	C SMD FILM ECHU 47000P 16
CA23	GX410439	C SMD CER F 0.1U 25V Z
CA24	GX410439	C SMD CER F 0.1U 25V Z
CA25	GX410439	C SMD CER F 0.1U 25V Z
CA26	GX41050X	C SMD CER BJ 1U 6.3V K
CA28	GX410439	C SMD CER F 0.1U 25V Z
CA29	GX410439	C SMD CER F 0.1U 25V Z
CA2A	GS715322	C SMD FILM ECHU 15000P 16
CA36	GX410439	C SMD CER F 0.1U 25V Z
CA37	GX410439	C SMD CER F 0.1U 25V Z
CA38	GX410439	C SMD CER F 0.1U 25V Z
CA39	GX410439	C SMD CER F 0.1U 25V Z
CA40	GX410439	C SMD CER F 0.1U 25V Z
CA41	GX410439	C SMD CER F 0.1U 25V Z
CA42	GX410439	C SMD CER F 0.1U 25V Z
CA43	GX410439	C SMD CER F 0.1U 25V Z
CA44	GX410439	C SMD CER F 0.1U 25V Z
CA45	GX410439	C SMD CER F 0.1U 25V Z
CA53	GX01060Y	C SMD CER BJ 10U 6.3V M
CA67	GX01060Y	C SMD CER BJ 10U 6.3V M
CA70A	GX01060Y	C SMD CER BJ 10U 6.3V M
CA70B	GX410439	C SMD CER F 0.1U 25V Z
CA70G	GX410439	C SMD CER F 0.1U 25V Z
CA70R	GX410439	C SMD CER F 0.1U 25V Z
CA71B	GX01060Y	C SMD CER BJ 10U 6.3V M

SYMBOL	Part No for NPG	DESCRIPTION
CA71G	GX01060Y	C SMD CER BJ 10U 6.3V M
CA71R	GX01060Y	C SMD CER BJ 10U 6.3V M
CA72A	GX410439	C SMD CER F 0.1U 25V Z
CA72B	GX410439	C SMD CER F 0.1U 25V Z
CA72G	GX410439	C SMD CER F 0.1U 25V Z
CA72R	GX410439	C SMD CER F 0.1U 25V Z
CA73B	GX410056	C SMD CER CH 10P 50V D
CA73G	GX410056	C SMD CER CH 10P 50V D
CA73R	GX410056	C SMD CER CH 10P 50V D
CA74B	GX410439	C SMD CER F 0.1U 25V Z
CA74G	GX410439	C SMD CER F 0.1U 25V Z
CA74R	GX410439	C SMD CER F 0.1U 25V Z
CA75A	GX01060Y	C SMD CER BJ 10U 6.3V M
CA75B	GX422057	C SMD CER CH 22P 50V J
CA75G	GX422057	C SMD CER CH 22P 50V J
CA75R	GX422057	C SMD CER CH 22P 50V J
CA76B	GX410439	C SMD CER F 0.1U 25V Z
CA76G	GX410439	C SMD CER F 0.1U 25V Z
CA76R	GX410439	C SMD CER F 0.1U 25V Z
CA77A	GX468057	C SMD CER CH 68P 50V J
CA77B	GX447057	C SMD CER CH 47P 50V J
CA77G	GX447057	C SMD CER CH 47P 50V J
CA77R	GX447057	C SMD CER CH 47P 50V J
CA78A	GX410439	C SMD CER F 0.1U 25V Z
CA80A	GX01060Y	C SMD CER BJ 10U 6.3V M
CA80B	GX410439	C SMD CER F 0.1U 25V Z
CA80G	GX410439	C SMD CER F 0.1U 25V Z
CA80R	GX410439	C SMD CER F 0.1U 25V Z
CA81B	GX01060Y	C SMD CER BJ 10U 6.3V M
CA81G	GX01060Y	C SMD CER BJ 10U 6.3V M
CA81R	GX01060Y	C SMD CER BJ 10U 6.3V M
CA82B	GX410439	C SMD CER F 0.1U 25V Z
CA82G	GX410439	C SMD CER F 0.1U 25V Z
CA82R	GX410439	C SMD CER F 0.1U 25V Z
CA83B	GX410056	C SMD CER CH 10P 50V D
CA83G	GX410056	C SMD CER CH 10P 50V D
CA83R	GX410056	C SMD CER CH 10P 50V D
CA84B	GX410439	C SMD CER F 0.1U 25V Z
CA84G	GX410439	C SMD CER F 0.1U 25V Z
CA84R	GX410439	C SMD CER F 0.1U 25V Z
CA85A	GX01060Y	C SMD CER BJ 10U 6.3V M
CA85B	GX422057	C SMD CER CH 22P 50V J
CA85G	GX422057	C SMD CER CH 22P 50V J
CA85R	GX422057	C SMD CER CH 22P 50V J
CA86B	GX410439	C SMD CER F 0.1U 25V Z
CA86G	GX410439	C SMD CER F 0.1U 25V Z
CA86R	GX410439	C SMD CER F 0.1U 25V Z
CA87A	GX468057	C SMD CER CH 68P 50V J

SYMBOL	Part No for NPG	DESCRIPTION
CA87B	GX447057	C SMD CER CH 47P 50V J
CA87G	GX447057	C SMD CER CH 47P 50V J
CA87R	GX447057	C SMD CER CH 47P 50V J
CA88A	GX410439	C SMD CER F 0.1U 25V Z
CA90	GX41025K	C SMD CER B 1000P 50V K
CA91	GX41025K	C SMD CER B 1000P 50V K
CAA1	GX410439	C SMD CER F 0.1U 25V Z
CAA2	GX410439	C SMD CER F 0.1U 25V Z
CAA3	GX410439	C SMD CER F 0.1U 25V Z
CAA4	GX410439	C SMD CER F 0.1U 25V Z
CAA5	GX410439	C SMD CER F 0.1U 25V Z
CAA6	GN210624	C SMD ELE105 10U 16V M
CAH1	GX41050X	C SMD CER BJ 1U 6.3V K
CAH2	GX41050X	C SMD CER BJ 1U 6.3V K
CAH3	GX46825K	C SMD CER B 6800P 50V K
CAH4	GX46825K	C SMD CER B 6800P 50V K
CAM3	GX01060Y	C SMD CER BJ 10U 6.3V M
CAM4	GX01060Y	C SMD CER BJ 10U 6.3V M
CAN1	GX41050X	C SMD CER BJ 1U 6.3V K
CAN2	GX41050X	C SMD CER BJ 1U 6.3V K
CAN3	GX46825K	C SMD CER B 6800P 50V K
CAN4	GX46825K	C SMD CER B 6800P 50V K
CK01	GX410439	C SMD CER F 0.1U 25V Z
CK02	GX410439	C SMD CER F 0.1U 25V Z
CK03	GX410439	C SMD CER F 0.1U 25V Z
CK04	GX410439	C SMD CER F 0.1U 25V Z
CK05	GX410439	C SMD CER F 0.1U 25V Z
CK06	GX410439	C SMD CER F 0.1U 25V Z
CK07	GX410439	C SMD CER F 0.1U 25V Z
CK08	GX410439	C SMD CER F 0.1U 25V Z
CK09	GX410157	C SMD CER CH 100P 50V J
CK10	GX410157	C SMD CER CH 100P 50V J
CK11	GX410157	C SMD CER CH 100P 50V J
CK12	GX410157	C SMD CER CH 100P 50V J
CK13	GX410157	C SMD CER CH 100P 50V J
CK14	GX01060Y	C SMD CER BJ 10U 6.3V M
CK16	GN310720	C SMD ELE105 100U 16V M
CK17	GX410157	C SMD CER CH 100P 50V J
CK18	GX01060Y	C SMD CER BJ 10U 6.3V M
CK19	GX410439	C SMD CER F 0.1U 25V Z
CK20	GX410439	C SMD CER F 0.1U 25V Z
CK21	GX410439	C SMD CER F 0.1U 25V Z
CK22	GX410439	C SMD CER F 0.1U 25V Z
CK23	GX410439	C SMD CER F 0.1U 25V Z
CK24	GX410439	C SMD CER F 0.1U 25V Z
CK25	GX410439	C SMD CER F 0.1U 25V Z
CK26	GX410439	C SMD CER F 0.1U 25V Z
CK27	GX410157	C SMD CER CH 100P 50V J

SYMBOL	Part No for NPG	DESCRIPTION
CK28	GX410157	C SMD CER CH 100P 50V J
CK29	GX410157	C SMD CER CH 100P 50V J
CK30	GX410157	C SMD CER CH 100P 50V J
CK31	GX410157	C SMD CER CH 100P 50V J
CK32	GX01060Y	C SMD CER BJ 10U 6.3V M
CK34	GN310720	C SMD ELE105 100U 16V M
CK35	GX410157	C SMD CER CH 100P 50V J
CK36	GX01060Y	C SMD CER BJ 10U 6.3V M
CKF1	GX410439	C SMD CER F 0.1U 25V Z
CKF2	GX410439	C SMD CER F 0.1U 25V Z

REPLACEMENT PARTS LIST

(For Europe)

The components specified for Model LCD2080UX(B)

Manufactured by NPG

SYMBOL	Part No for NPG	DESCRIPTION
*** ICS ***		
IC201	EHA10881	IC SMD BA00BC0WFP
IC221	EHA10861	IC SMD PQ1CZ21H2ZP
IC222	EHA10881	IC SMD BA00BC0WFP
IC251	EHA10871	IC SMD L4978 REGULATOR
IC271	EHA10881	IC SMD BA00BC0WFP
IC272	EHA10881	IC SMD BA00BC0WFP
IC2A1	EHA10861	IC SMD PQ1CZ21H2ZP
IC401	EHA10741	IC SMD PW164B
IC402	EHA10691	IC SMD LH28F800-L202V03
IC403	EHA10801	IC SMD ICS332M-L202EV
IC405	EHA10771	IC SMDSN74AHC2G125H MOS
IC4A1	EHA10721	IC SMD UPD65545-Y-6C
IC4A2	EHA10751	IC SMD NC7WZ14
IC4A3	EHA10751	IC SMD NC7WZ14
IC551	EHA10831	IC SMD DS90C385MTD MOS
IC552	EHA10831	IC SMD DS90C385MTD MOS
IC801	EHA90011	IC RESET M51957AFP
IC802	EHA90011	IC RESET M51957AFP
IC803	EHA10761	IC SMD CAT24WC64JI-TE13 M
IC804	EHA10701	IC SMD M30625MGN-A26GP
IC8A1	EHA10211	IC SMD BU9882F-WE2 MOS
IC8A2	EHA10821	IC SMD X9116WM8-2.7T4 MOS
IC8A3	EHA10821	IC SMD X9116WM8-2.7T4 MOS
IC8A4	EHA10811	IC SMD SN74CBT1G125DCK
IC8A5	EHA10811	IC SMD SN74CBT1G125DCK
IC8F1	EHA10211	IC SMD BU9882F-WE2 MOS
IC901	EH110251	IC STR-E1717 LF NO. 1064
IC951	EH110321	IC TL431ACLP
IC9A1	EH110261	IC MIP2E2DMY0LE
IC9A2	EHA10901	IC SMD XN04A8800L
IC9E1	EH110321	IC TL431ACLP
ICA01	EHA10711	IC SMD AD9888KS-170
ICA70A	EHA10841	IC SMD AD8002AR
ICAA1	EHA10751	IC SMD NC7WZ14
ICAA2	EHA10751	IC SMD NC7WZ14
ICAA3	EHA10791	IC SMD SN74CBTLV1G125DCK
ICAA4	EHA10791	IC SMD SN74CBTLV1G125DCK
ICAA5	EHA11071	IC SMD TA76431F
ICAA6	EHA10781	IC SMD SN74CBTLV3125PW
ICK01	EHA10731	IC SMD TFP401 MOS
ICK02	EHA10731	IC SMD TFP401 MOS

SYMBOL	Part No for NPG	DESCRIPTION
PC901	EH190021	IC PHOTO COUPLE PC123Y
PC911	EH190021	IC PHOTO COUPLE PC123Y
PC9A1	EH190021	IC PHOTO COUPLE PC123Y

*** TRANSISTORS ***

Q101	ECA00081	TR SMD DTC143ZKA-T146
Q102	ECA00161	TR SMD 2SA1162-GR
Q104	ECA00081	TR SMD DTC143ZKA-T146
Q105	ECA00161	TR SMD 2SA1162-GR
Q151	ECA00191	FET SMD 2SJ580-TD
Q152	ECA00021	TR SMD 2SA1037AK-T146 Q
Q153	EN000413	CHIP TR NPN 2SC2412K-T146
Q154	ECA00061	TR SMD DTC144EKA-T146(O)
Q155	ECA00061	TR SMD DTC144EKA-T146(O)
Q156	ECA00071	TR SMD DTA144EKA
Q157	ECA00061	TR SMD DTC144EKA-T146(O)
Q261	ECA00061	TR SMD DTC144EKA-T146(O)
Q262	EFK00061	FET SMD 2SJ377(TE16L)
Q265	EFK00011	FET SMD 2SK3018-T106
Q271	ECA00061	TR SMD DTC144EKA-T146(O)
Q272	ECA00061	TR SMD DTC144EKA-T146(O)
Q451	ECA00161	TR SMD 2SA1162-GR
Q452	ECA00061	TR SMD DTC144EKA-T146(O)
Q453	ECA00061	TR SMD DTC144EKA-T146(O)
Q805	ECA00061	TR SMD DTC144EKA-T146(O)
Q806	ECA00151	TR SMD 2SC3734
Q807	ECA00151	TR SMD 2SC3734
Q861	EFK00011	FET SMD 2SK3018-T106
Q863	EFK00011	FET SMD 2SK3018-T106
Q8A3	ECA00061	TR SMD DTC144EKA-T146(O)
Q8E1	ECA00061	TR SMD DTC144EKA-T146(O)
Q8E5	ECA00061	TR SMD DTC144EKA-T146(O)
Q8E6	ECA00061	TR SMD DTC144EKA-T146(O)
Q901	EF000010	FET 2SK3673-01MR-F111
Q908	EFK00041	FET SMD 2SK2715 P
Q911	ECA00021	TR SMD 2SA1037AK-T146 Q
Q912	EN000413	CHIP TR NPN 2SC2412K-T146
Q913	EN000413	CHIP TR NPN 2SC2412K-T146
Q930	ECA00061	TR SMD DTC144EKA-T146(O)
Q931	EC100011	TR 2SC5562
Q932	ECA00061	TR SMD DTC144EKA-T146(O)
Q933	ECA00091	TR SMD DTB114EK
Q9E1	ECA00061	TR SMD DTC144EKA-T146(O)
QA70A	ECA00061	TR SMD DTC144EKA-T146(O)
QA70B	ECA00141	TR SMD 2SC5084-O
QA70G	ECA00141	TR SMD 2SC5084-O
QA70R	ECA00141	TR SMD 2SC5084-O
QA71A	ECA00191	FET SMD 2SJ580-TD

SYMBOL	Part No for NPG	DESCRIPTION
QA71B	ECA00071	TR SMD DTA144EKA
QA71G	ECA00071	TR SMD DTA144EKA
QA71R	ECA00071	TR SMD DTA144EKA
QA72A	ECA00071	TR SMD DTA144EKA
QA72B	ECA00071	TR SMD DTA144EKA
QA72G	ECA00071	TR SMD DTA144EKA
QA72R	ECA00071	TR SMD DTA144EKA
QA73B	ECA00071	TR SMD DTA144EKA
QA73G	ECA00071	TR SMD DTA144EKA
QA73R	ECA00071	TR SMD DTA144EKA
QA80B	ECA00141	TR SMD 2SC5084-O
QA80G	ECA00141	TR SMD 2SC5084-O
QA80R	ECA00141	TR SMD 2SC5084-O
QA81B	ECA00071	TR SMD DTA144EKA
QA81G	ECA00071	TR SMD DTA144EKA
QA81R	ECA00071	TR SMD DTA144EKA
QA82B	ECA00071	TR SMD DTA144EKA
QA82G	ECA00071	TR SMD DTA144EKA
QA82R	ECA00071	TR SMD DTA144EKA
QA83B	ECA00071	TR SMD DTA144EKA
QA83G	ECA00071	TR SMD DTA144EKA
QA83R	ECA00071	TR SMD DTA144EKA
QAA1	ECA00061	TR SMD DTC144EKA-T146(O)
QAH1	ECA00031	TR SMD 2SA1434-TB
QAH2	ECA00031	TR SMD 2SA1434-TB
QAM1	ECA00151	TR SMD 2SC3734
QAM2	ECA00151	TR SMD 2SC3734
QAN1	ECA00031	TR SMD 2SA1434-TB
QAN2	ECA00031	TR SMD 2SA1434-TB
QKF1	ECA00021	TR SMD 2SA1037AK-T146 Q

*** DIODES ***

D151	EX500114	CHIP DIODE/T 1SS355TE-17
D152	EJK00021	DI SMD RB715F-T106
D221	EJK00051	DI SMD SFPB-64
D222	EX500114	CHIP DIODE/T 1SS355TE-17
D271	EX500114	CHIP DIODE/T 1SS355TE-17
D272	EX500114	CHIP DIODE/T 1SS355TE-17
D273	EX500114	CHIP DIODE/T 1SS355TE-17
D274	EX700216	DIODE RB495D
D275	EX700216	DIODE RB495D
D2A1	EJK00051	DI SMD SFPB-64
D2M1	EJK00051	DI SMD SFPB-64
D901	EJ100430	DI D3SBA60
D902	EJ100471	DI RM10A (T)
D907	EJ100481	DI EG01CV1-T
D911	EJK00061	DI SMD 1SR156-400
D912	EJK00081	DI SMD MA2Z001

SYMBOL	Part No for NPG	DESCRIPTION
D913	EJK00101	DI SMD DG1M3
D914	EJK00101	DI SMD DG1M3
D915	EJK00081	DI SMD MA2Z001
D930	EX500114	CHIP DIODE/T 1SS355TE-17
D951	EJ100440	DI FMX-22S
D9A1	EJ100481	DI EG01CV1-T
D9A2	EJK00081	DI SMD MA2Z001
D9E1	EJ100450	DI RK39
D9X1	EJ100460	DI FMG-G26S
D9X2	EJK00071	DI SMD SFPL-52
DA01	EX500216	CHIP DIODE DAN217 T146
DA02	EX500216	CHIP DIODE DAN217 T146
DA03	EX500216	CHIP DIODE DAN217 T146
DA04	EX500114	CHIP DIODE/T 1SS355TE-17
DA11	EX500216	CHIP DIODE DAN217 T146
DA12	EX500216	CHIP DIODE DAN217 T146
DA13	EX500216	CHIP DIODE DAN217 T146
DA70A	EJK00011	DI SMD 1SS356
DA71B	EJK00011	DI SMD 1SS356
DA71G	EJK00011	DI SMD 1SS356
DA71R	EJK00011	DI SMD 1SS356
DA72B	EJK00011	DI SMD 1SS356
DA72G	EJK00011	DI SMD 1SS356
DA72R	EJK00011	DI SMD 1SS356
DA73B	EJK00011	DI SMD 1SS356
DA73G	EJK00011	DI SMD 1SS356
DA73R	EJK00011	DI SMD 1SS356
DA80A	EJK00011	DI SMD 1SS356
DA81B	EJK00011	DI SMD 1SS356
DA81G	EJK00011	DI SMD 1SS356
DA81R	EJK00011	DI SMD 1SS356
DA82B	EJK00011	DI SMD 1SS356
DA82G	EJK00011	DI SMD 1SS356
DA82R	EJK00011	DI SMD 1SS356
DA83B	EJK00011	DI SMD 1SS356
DA83G	EJK00011	DI SMD 1SS356
DA83R	EJK00011	DI SMD 1SS356
ZD8G2	EJK00031	DI SMD STZ6.2N
ZD908	EYD40752	ZD SMD UDZS7.5BTE-17
ZD910	EYD42702	ZD SMD UDZS27BTE-17
ZD917	EYD41802	ZD SMD UDZS18BTE-17
ZD918	EYD40512	ZD SMD UDZS5.1BTE-17
ZD919	EYD40472	ZD SMD UDZS4.7BTE-17
ZD920	EYD42702	ZD SMD UDZS27BTE-17
ZD930	EYD40752	ZD SMD UDZS7.5BTE-17
ZD9A4	EYD41802	ZD SMD UDZS18BTE-17
ZDA01	EJK00131	DI SMD DF5A6.2F(TE)
ZDA11	EJK00131	DI SMD DF5A6.2F(TE)

SYMBOL	Part No for NPG	DESCRIPTION
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*** TRANSFORMERS ***

T901	HE100121	TRANS SWITCH ST-1102A
T9A1	HE100131	TRANS SWITCH L2.3MH

*** RELAYS & SWITCHES ***

SW901	JC100020	SW SEESAW SDDJE14500
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*** PWB ASSYS ***

MANSAS	AM0EV1ML	MAIN INSERT ASSY
PWNSAS	AP0EV1ML	POWER INSERT ASSY
XJM01	JM100131	INVERTER UNIT L202EV

*** COILS & FILTERS ***

FL203	HAB00207	L SMD NFM60R30T222T1
FL2M1	HAB00207	L SMD NFM60R30T222T1
FL901	HA100152	L LINE FILTER LFZ28H05
L115	HM011811	L BEAD SMD BK1608LM252-T
L116	HM011811	L BEAD SMD BK1608LM252-T
L117	HM011811	L BEAD SMD BK1608LM252-T
L118	HM011811	L BEAD SMD BK1608LM252-T
L119	HM011811	L BEAD SMD BK1608LM252-T
L120	HM011811	L BEAD SMD BK1608LM252-T
L121	HM011811	L BEAD SMD BK1608LM252-T
L122	HM011811	L BEAD SMD BK1608LM252-T
L123	HM011811	L BEAD SMD BK1608LM252-T
L125	HM011811	L BEAD SMD BK1608LM252-T
L221	HM019281	L BEAD SMD FBMH3216HM501N
L222	HM019281	L BEAD SMD FBMH3216HM501N
L223	HAB00109	L SMD SLF10145T-101M1R0-P
L261	HM019281	L BEAD SMD FBMH3216HM501N
L262	HM019321	L BEAD SMD FBMH4525HM102N
L263	HM019281	L BEAD SMD FBMH3216HM501N
L271	HM019281	L BEAD SMD FBMH3216HM501N
L272	HM019281	L BEAD SMD FBMH3216HM501N
L2A1	HAB00109	L SMD SLF10145T-101M1R0-P
L2A2	HM019281	L BEAD SMD FBMH3216HM501N
L2M1	HAB00090	L SMD SLF12565T-101M1R6
L405	HM019281	L BEAD SMD FBMH3216HM501N
L406	HM019281	L BEAD SMD FBMH3216HM501N
L451	HM011811	L BEAD SMD BK1608LM252-T
L452	HM011651	L BEAD SMD BK1608HS800-T
L453	HM011651	L BEAD SMD BK1608HS800-T
L454	HM011811	L BEAD SMD BK1608LM252-T
L459	HM011811	L BEAD SMD BK1608LM252-T
L4A1	HM011811	L BEAD SMD BK1608LM252-T
L4A2	HM019281	L BEAD SMD FBMH3216HM501N
L4A3	HM019281	L BEAD SMD FBMH3216HM501N

SYMBOL	Part No for NPG	DESCRIPTION
L4A4	HM020011	L BEAD SMD BKP1608HS330-T
L4A5	HM020011	L BEAD SMD BKP1608HS330-T
L551	HM011681	L BEAD SMD BK1608HS601-T
L552	HM011681	L BEAD SMD BK1608HS601-T
L553	HM011681	L BEAD SMD BK1608HS601-T
L561	HM011681	L BEAD SMD BK1608HS601-T
L562	HM011681	L BEAD SMD BK1608HS601-T
L563	HM011681	L BEAD SMD BK1608HS601-T
L951	HA200251	L SBC7-100-532
L9A1	HAB00233	L SMD LEMC3225T101K
L9E1	HA200206	L CHOKE TSL1112RA-100M3R7
L9X1	HA200181	L PFC COIL 77A-2702
L9X2	HA200191	L CHOKE 72U2A SF1-T8-50S-
LAA3	HM020011	L BEAD SMD BKP1608HS330-T
LAA4	HM020011	L BEAD SMD BKP1608HS330-T
LAA5	HM020011	L BEAD SMD BKP1608HS330-T
LAA6	HM020011	L BEAD SMD BKP1608HS330-T
LAA7	HM020011	L BEAD SMD BKP1608HS330-T
LAH1	HM020011	L BEAD SMD BKP1608HS330-T
LAH2	HM020011	L BEAD SMD BKP1608HS330-T
LAN1	HM020011	L BEAD SMD BKP1608HS330-T
LAN2	HM020011	L BEAD SMD BKP1608HS330-T

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

CABUAS	11301761	CABLE BUTTON ASSY(WH)
CN951	RC200341	WIRE CB14P 1007#26L100
F901	JA460011	FUSE SG5013 3.15 PF 250V
OSC4A1	EM2K0061	OSC SMD IC 55MHZ
TH901	FD200021	NTCR 10D2-10LC
VD901	FD300018	VARISTOR ENE471D-10A
X402	EM1K0061	OSC SMD XTAL 14.31818MHZ
X7A01	RC200351	WIRE CC30P 1516#30L250
X7A02	RC200361	WIRE CB13P 1007#26L70
X801	EM2K0041	OSC SMD CSTCR7M37G53-R0
XD7A01	JM100111	CABLE BUTTON WHT
XD7A02	RE010201	CABLE VI DVID-DVID 2M HG
XD7A03	RE010211	CABLE VI DVID-DSUB 2M HG
XDRG03	RG031091	PW CORD EU 1.95M HG I-SHE
XJG01	3A684034	LCD LM201U03 LGPHILIPS
(For NMV Part)		

*** APPEARANCE PARTS ***

BAAS	10104391	BACK ASSY,L202EV(WH,N)
BE	10104361	BEZEL,L202EV(WH,N)
BRBAAS	12301211	BRACKET BASE ASSY,L202EV
CVCA	11002231	COVER CABLE,L202EV(WH)
STCV	11002211	STAND COVER TB,L202EV(WH)
STUN	11002191	STAND UNIT,L202EV(WH)

SYMBOL	Part No for NPG	DESCRIPTION
*** PRINTED & PACKING MATERIALS ***		
CABX	13202981	CARTON BOX,L202EV(B)
CASH	15800231	CAUTION SHEET
CASHL	13203011	CARTON SHEET,L202EV
CD	19700392	CD,NEC(A,B)
FLB	13401271	FILLER B,L202EV
FLC	13401281	FILLER C,L202EV
FLT	13401261	FILLER T,L202EV
LVSH	15800581	LVIEW SHEET
MANU	15501841	MANUAL,L202EV(B)
NAFL	15900251	NAVISET CARTON BOX FLYER
PABAG	13700521	PACKING BAG(BK)
PEBAG	13700251	PE BAG (340*225)
PROTE	13700531	PROTECTION SHEET
RALA	15002611	RATING LABEL,L202EV(WH)
SAFFLS	15900056	SALES OFFICE LIST
SHSE	15800561	SHEET SETUP,L202EV(B)
*** RESISTORS ***		
J921	FM110000	R SMD 1/4W(T) 5% 0
J923	FM110000	R SMD 1/4W(T) 5% 0
J924	FM110000	R SMD 1/4W(T) 5% 0
J925	FM110000	R SMD 1/4W(T) 5% 0
J926	FM110000	R SMD 1/4W(T) 5% 0
J927	FM110000	R SMD 1/4W(T) 5% 0
J928	FM110000	R SMD 1/4W(T) 5% 0
J929	FM110000	R SMD 1/4W(T) 5% 0
J930	FX500000	R SMD METAL 1/4W 0 JUMPER
J940	FM110000	R SMD 1/4W(T) 5% 0
J961	FM110000	R SMD 1/4W(T) 5% 0
J962	FM110000	R SMD 1/4W(T) 5% 0
MR401	FPA03231	R NET SMD 1/16W 150 J
MR402	FPA03231	R NET SMD 1/16W 150 J
MR403	FPA03231	R NET SMD 1/16W 150 J
MR404	FPA03231	R NET SMD 1/16W 150 J
MR405	FPA03231	R NET SMD 1/16W 150 J
MR406	FPA03231	R NET SMD 1/16W 150 J
MR407	FPA03231	R NET SMD 1/16W 150 J
MR408	FPA03231	R NET SMD 1/16W 150 J
MR409	FPA03231	R NET SMD 1/16W 150 J
MR410	FPA03231	R NET SMD 1/16W 150 J
MR411	FPA03231	R NET SMD 1/16W 150 J
MR412	FPA03231	R NET SMD 1/16W 150 J
MR4G1	FPA01071	R NET SMD 1/16W 33 J
MR4G3	FPA01071	R NET SMD 1/16W 33 J
MR4G5	FPA01071	R NET SMD 1/16W 33 J
MR4G7	FPA01071	R NET SMD 1/16W 33 J
MR4G9	FPA01071	R NET SMD 1/16W 33 J
MR4H1	FPA01071	R NET SMD 1/16W 33 J

SYMBOL	Part No for NPG	DESCRIPTION
MRA01	FPA01131	R NET SMD 1/16W 100 J
MRA03	FPA01131	R NET SMD 1/16W 100 J
MRA05	FPA01131	R NET SMD 1/16W 100 J
MRA07	FPA01131	R NET SMD 1/16W 100 J
MRA09	FPA01131	R NET SMD 1/16W 100 J
MRA11	FPA01131	R NET SMD 1/16W 100 J
MRK01	FPA01071	R NET SMD 1/16W 33 J
MRK03	FPA01071	R NET SMD 1/16W 33 J
MRK05	FPA01071	R NET SMD 1/16W 33 J
MRK07	FPA01071	R NET SMD 1/16W 33 J
MRK09	FPA01071	R NET SMD 1/16W 33 J
MRK11	FPA01071	R NET SMD 1/16W 33 J
MRK13	FPA01071	R NET SMD 1/16W 33 J
MRK15	FPA01071	R NET SMD 1/16W 33 J
MRK17	FPA01071	R NET SMD 1/16W 33 J
MRK19	FPA01071	R NET SMD 1/16W 33 J
MRK21	FPA01071	R NET SMD 1/16W 33 J
MRK23	FPA01071	R NET SMD 1/16W 33 J
R101	FM010472	CHIP RES 1/10W(T) 5% 4.7K
R102	FM010472	CHIP RES 1/10W(T) 5% 4.7K
R103	FN011800	R SMD 1/10W(T) 1% 180
R105	FM010472	CHIP RES 1/10W(T) 5% 4.7K
R106	FM010472	CHIP RES 1/10W(T) 5% 4.7K
R107	FN011800	R SMD 1/10W(T) 1% 180
R117	FM100102	CHIP 1/8W(T) 5% 1K
R118	FM100102	CHIP 1/8W(T) 5% 1K
R119	FM100102	CHIP 1/8W(T) 5% 1K
R120	FM100102	CHIP 1/8W(T) 5% 1K
R121	FM100102	CHIP 1/8W(T) 5% 1K
R122	FM100102	CHIP 1/8W(T) 5% 1K
R123	FM100102	CHIP 1/8W(T) 5% 1K
R125	FM100102	CHIP 1/8W(T) 5% 1K
R151	FN011501	R SMD METAL 1/10W 1.5K F
R152	FM010272	R SMD METAL 1/10W 2.7K J
R153	FM010103	CHIP RES 1/10W(T) 5% 10KO
R154	FM010272	R SMD METAL 1/10W 2.7K J
R155	FM010560	CHIP RES 1/10W(T) 5% 56OH
R156	FM010824	R SMD METAL 1/10W 820K J
R157	FM010103	CHIP RES 1/10W(T) 5% 10KO
R158	FM010563	R SMD METAL 1/10W 56K J T
R159	FM010103	CHIP RES 1/10W(T) 5% 10KO
R15A	FM010103	CHIP RES 1/10W(T) 5% 10KO
R15E	FM010103	CHIP RES 1/10W(T) 5% 10KO
R15F	FM010102	CHIP RES 1/10W (T) 5% 1KO
R15L	FM010102	CHIP RES 1/10W (T) 5% 1KO
R201	FM010102	CHIP RES 1/10W (T) 5% 1KO
R202	FN015602	R SMD METAL 1/10W 56K F
R203	FN013302	R SMD 1/10W(T) 1% 33K

SYMBOL	Part No for NPG	DESCRIPTION
R221	FN011801	CHIP RES 1/10W(T) 1% 1.8K
R222	FN012702	R SMD 1/10W(T) 1% 27K
R223	FN011201	R SMD METAL 1/10W 1.2K F
R224	FN013002	R SMD METAL 1/10W 30K F
R225	FM010102	CHIP RES 1/10W (T) 5% 1KO
R226	FM010102	CHIP RES 1/10W (T) 5% 1KO
R261	FM010333	R SMD 1/10W(T) 5% 33K
R262	FM010333	R SMD 1/10W(T) 5% 33K
R266	FN011503	CHIP RES 1/10W(T) 1% 150K
R267	FN013302	R SMD 1/10W(T) 1% 33K
R268	FX300681	R SMD METAL 1/2W 680 J
R269	FX300681	R SMD METAL 1/2W 680 J
R26A	FM010102	CHIP RES 1/10W (T) 5% 1KO
R271	FM010222	CHIP RES 1/10W(T) 5% 2.2K
R272	FM010562	R SMD METAL 1/10W 5.6K J
R273	FN015602	R SMD METAL 1/10W 56K F
R274	FN013302	R SMD 1/10W(T) 1% 33K
R274A	FN012201	CHIP RES 1/10W(T) 1% 2.2K
R275	FM010332	CHIP RES 1/10W(T) 5% 3.3K
R276	FN013302	R SMD 1/10W(T) 1% 33K
R277	FN013302	R SMD 1/10W(T) 1% 33K
R277A	FN011201	R SMD METAL 1/10W 1.2K F
R278	FM010103	CHIP RES 1/10W(T) 5% 10KO
R2A1	FM010560	CHIP RES 1/10W(T) 5% 56OH
R2A2	FM010560	CHIP RES 1/10W(T) 5% 56OH
R2A3	FN013900	R SMD METAL 1/10W 390 F
R2A4	FN011001	CHIP RES 1/10W(T) 1% 1KOH
R2A5	FN018201	R SMD METAL 1/10W 8.2K F
R2A7	FM010102	CHIP RES 1/10W (T) 5% 1KO
R2M1	FN014701	CHIP RES 1/10W(T) 1% 4.7K
R2M2	FN012202	R SMD METAL 1/10W 22K F
R2M3	FN011201	R SMD METAL 1/10W 1.2K F
R2M4	FN014701	CHIP RES 1/10W(T) 1% 4.7K
R2M5	FN018209	R SMD METAL 1/10W 82 F
R402	FN016209	R SMD METAL 1/10W 62 F
R403	FM010000	CHIP RES 1/10W(T) 5% 0OHM
R405	FM010000	CHIP RES 1/10W(T) 5% 0OHM
R409	FM010102	CHIP RES 1/10W (T) 5% 1KO
R412	FM010560	CHIP RES 1/10W(T) 5% 56OH
R415	FM010102	CHIP RES 1/10W (T) 5% 1KO
R416	FM010473	CHIP 1/10W(T) 5% 47K
R418	FM010000	CHIP RES 1/10W(T) 5% 0OHM
R422	FM010000	CHIP RES 1/10W(T) 5% 0OHM
R429	FM010101	CHIP RES 1/10W(T) 5% 100O
R430	FM010101	CHIP RES 1/10W(T) 5% 100O
R433	FM010560	CHIP RES 1/10W(T) 5% 56OH
R435	FM010560	CHIP RES 1/10W(T) 5% 56OH
R449	FM010222	CHIP RES 1/10W(T) 5% 2.2K

SYMBOL	Part No for NPG	DESCRIPTION
R451	FM010332	CHIP RES 1/10W(T) 5% 3.3K
R452	FM010332	CHIP RES 1/10W(T) 5% 3.3K
R453	FM010103	CHIP RES 1/10W(T) 5% 10KO
R454	FM010473	CHIP 1/10W(T) 5% 47K
R455	FM010102	CHIP RES 1/10W (T) 5% 1KO
R456	FM010101	CHIP RES 1/10W(T) 5% 100O
R457	FM010102	CHIP RES 1/10W (T) 5% 1KO
R458	FM010473	CHIP 1/10W(T) 5% 47K
R459	FM010473	CHIP 1/10W(T) 5% 47K
R45E	FM010103	CHIP RES 1/10W(T) 5% 10KO
R45K	FM010103	CHIP RES 1/10W(T) 5% 10KO
R45P	FM010101	CHIP RES 1/10W(T) 5% 100O
R45T	FM010101	CHIP RES 1/10W(T) 5% 100O
R463	FM010103	CHIP RES 1/10W(T) 5% 10KO
R464	FM010103	CHIP RES 1/10W(T) 5% 10KO
R465	FM010101	CHIP RES 1/10W(T) 5% 100O
R466	FM010101	CHIP RES 1/10W(T) 5% 100O
R467	FM010101	CHIP RES 1/10W(T) 5% 100O
R468	FM010101	CHIP RES 1/10W(T) 5% 100O
R470	FM010102	CHIP RES 1/10W (T) 5% 1KO
R4A2	FM010560	CHIP RES 1/10W(T) 5% 56OH
R4A3	FM010330	R SMD 1/10W(T) 5% 33
R4A4	FM010330	R SMD 1/10W(T) 5% 33
R4A5	FM010330	R SMD 1/10W(T) 5% 33
R4A6	FM010330	R SMD 1/10W(T) 5% 33
R4A7	FM010330	R SMD 1/10W(T) 5% 33
R4A8	FM010330	R SMD 1/10W(T) 5% 33
R4A9	FM010330	R SMD 1/10W(T) 5% 33
R4AK	FM010330	R SMD 1/10W(T) 5% 33
R4AL	FM010330	R SMD 1/10W(T) 5% 33
R4AM	FM010330	R SMD 1/10W(T) 5% 33
R4AN	FM010330	R SMD 1/10W(T) 5% 33
R4AP	FM010330	R SMD 1/10W(T) 5% 33
R4AT	FM010330	R SMD 1/10W(T) 5% 33
R4E0	FM010330	R SMD 1/10W(T) 5% 33
R4E1	FM010330	R SMD 1/10W(T) 5% 33
R4E2	FM010330	R SMD 1/10W(T) 5% 33
R4E3	FM010330	R SMD 1/10W(T) 5% 33
R4E4	FM010330	R SMD 1/10W(T) 5% 33
R4E5	FM010101	CHIP RES 1/10W(T) 5% 100O
R4E6	FM010101	CHIP RES 1/10W(T) 5% 100O
R4E7	FM010101	CHIP RES 1/10W(T) 5% 100O
R4E8	FM010101	CHIP RES 1/10W(T) 5% 100O
R4E9	FM010101	CHIP RES 1/10W(T) 5% 100O
R4EA	FM010103	CHIP RES 1/10W(T) 5% 10KO
R550	FM110512	R SMD METAL 1/4W 5.1K J T
R801	FM010223	CHIP RES 1/10W(T) 5% 22KO
R802	FM010103	CHIP RES 1/10W(T) 5% 10KO

SYMBOL	Part No for NPG	DESCRIPTION
R803	FN012702	R SMD 1/10W(T) 1% 27K
R805	FN012402	R SMD METAL 1/10W 24K F
R806	FM010473	CHIP 1/10W(T) 5% 47K
R807	FM010103	CHIP RES 1/10W(T) 5% 10KO
R808	FM010103	CHIP RES 1/10W(T) 5% 10KO
R809	FM010103	CHIP RES 1/10W(T) 5% 10KO
R811	FM010101	CHIP RES 1/10W(T) 5% 100O
R812	FM010101	CHIP RES 1/10W(T) 5% 100O
R813	FM010330	R SMD 1/10W(T) 5% 33
R814	FM010330	R SMD 1/10W(T) 5% 33
R815	FM010330	R SMD 1/10W(T) 5% 33
R816	FM010330	R SMD 1/10W(T) 5% 33
R818	FM010330	R SMD 1/10W(T) 5% 33
R819	FM010330	R SMD 1/10W(T) 5% 33
R820	FM010330	R SMD 1/10W(T) 5% 33
R821	FM010101	CHIP RES 1/10W(T) 5% 100O
R822	FM010101	CHIP RES 1/10W(T) 5% 100O
R823	FM010101	CHIP RES 1/10W(T) 5% 100O
R826	FM010101	CHIP RES 1/10W(T) 5% 100O
R827	FM010101	CHIP RES 1/10W(T) 5% 100O
R828	FM010473	CHIP 1/10W(T) 5% 47K
R829	FM010473	CHIP 1/10W(T) 5% 47K
R830	FM010473	CHIP 1/10W(T) 5% 47K
R831	FM010101	CHIP RES 1/10W(T) 5% 100O
R832	FM010101	CHIP RES 1/10W(T) 5% 100O
R833	FM010101	CHIP RES 1/10W(T) 5% 100O
R834	FM010473	CHIP 1/10W(T) 5% 47K
R838	FM010330	R SMD 1/10W(T) 5% 33
R839	FM010101	CHIP RES 1/10W(T) 5% 100O
R840	FM010101	CHIP RES 1/10W(T) 5% 100O
R841	FM010101	CHIP RES 1/10W(T) 5% 100O
R842	FM010473	CHIP 1/10W(T) 5% 47K
R844	FM010473	CHIP 1/10W(T) 5% 47K
R845	FM010473	CHIP 1/10W(T) 5% 47K
R846	FM010223	CHIP RES 1/10W(T) 5% 22KO
R849	FN011802	R SMD METAL 1/10W 18K F
R850	FN012203	R SMD 1/10W(T) 1% 220K
R883	FM010223	CHIP RES 1/10W(T) 5% 22KO
R885	FM010223	CHIP RES 1/10W(T) 5% 22KO
R886	FM010223	CHIP RES 1/10W(T) 5% 22KO
R887	FM010223	CHIP RES 1/10W(T) 5% 22KO
R889	FM010223	CHIP RES 1/10W(T) 5% 22KO
R890	FM010223	CHIP RES 1/10W(T) 5% 22KO
R891	FM010223	CHIP RES 1/10W(T) 5% 22KO
R8A2	FX410330	R SMD METAL 1W 33 J
R8A4	FM010101	CHIP RES 1/10W(T) 5% 100O
R8A5	FM010101	CHIP RES 1/10W(T) 5% 100O
R8A6	FM010473	CHIP 1/10W(T) 5% 47K

SYMBOL	Part No for NPG	DESCRIPTION
R8A7	FM010473	CHIP 1/10W(T) 5% 47K
R8AA	FM010473	CHIP 1/10W(T) 5% 47K
R8AE	FM010473	CHIP 1/10W(T) 5% 47K
R8AL	FM010473	CHIP 1/10W(T) 5% 47K
R8AX	FM010473	CHIP 1/10W(T) 5% 47K
R8AY	FM010473	CHIP 1/10W(T) 5% 47K
R8E1	FM010473	CHIP 1/10W(T) 5% 47K
R8E7	FM010473	CHIP 1/10W(T) 5% 47K
R8E8	FM010473	CHIP 1/10W(T) 5% 47K
R8E9	FM010473	CHIP 1/10W(T) 5% 47K
R8EA	FM010473	CHIP 1/10W(T) 5% 47K
R8EF	FM010473	CHIP 1/10W(T) 5% 47K
R8F2	FX410330	R SMD METAL 1W 33 J
R8F3	FM010103	CHIP RES 1/10W(T) 5% 10KO
R8F4	FM010101	CHIP RES 1/10W(T) 5% 100O
R8F5	FM010101	CHIP RES 1/10W(T) 5% 100O
R8F6	FM010473	CHIP 1/10W(T) 5% 47K
R8F7	FM010473	CHIP 1/10W(T) 5% 47K
R8FX	FM010473	CHIP 1/10W(T) 5% 47K
R8FY	FM010473	CHIP 1/10W(T) 5% 47K
R8G2	FX410330	R SMD METAL 1W 33 J
R8G3	FM010103	CHIP RES 1/10W(T) 5% 10KO
R8G4	FM010101	CHIP RES 1/10W(T) 5% 100O
R8G5	FM010101	CHIP RES 1/10W(T) 5% 100O
R901	FM110474	R SMD METAL 1/4W 470K J T
R902	FM110474	R SMD METAL 1/4W 470K J T
R903	FM110474	R SMD METAL 1/4W 470K J T
R904	FM110105	R SMD METAL 1/4W 1M J
R905	FM110105	R SMD METAL 1/4W 1M J
R906	FM110105	R SMD METAL 1/4W 1M J
R907	FJ560104	R MOF 2W/M 100K J (A)
R908	FM510222	R SMD METAL 1/3W 2.2K J T
R909	FJ560338	R MOF 2W/M 0.33 J(A)
R910	FM100223	CHIP 1/8W(T) 5% 22K
R911	FN104708	R SMD METAL 1/8W 4.7 F T
R912	FN111002	R SMD METAL 1/4W 10K F T
R913	FN106800	R SMD METAL 1/8W 680 F T
R914	FM100104	CHIP RES 1/8W(T) 5% 100KO
R915	FA270569	R CARBON 1/4W 5.6 J M T
R916	FM100221	CHIP 1/8W(T) 5% 220H
R917	FM100471	R SMD 1/8W(T) 5% 470
R918	FM100101	CHIP 1/8W(T) 5% 100H
R920	FM100103	CHIP 1/8W(T) 5% 10K
R921	FM100333	CHIP 1/8W(T) 5% 33K
R922	FM110333	R SMD METAL 1/4W 33K J T
R923	FM100103	CHIP 1/8W(T) 5% 10K
R924	FM100103	CHIP 1/8W(T) 5% 10K
R925	FM100333	CHIP 1/8W(T) 5% 33K

SYMBOL	Part No for NPG	DESCRIPTION
R926	FN109101	R SMD METAL 1/8W 9.1K F T
R927	FM100104	CHIP RES 1/8W(T) 5% 100KO
R928	FN101002	CHIP 1/8W(T) 1% 10K
R929	FM100103	CHIP 1/8W(T) 5% 10K
R931	FM100223	CHIP 1/8W(T) 5% 22K
R933	FM100104	CHIP RES 1/8W(T) 5% 100KO
R934	FM100103	CHIP 1/8W(T) 5% 10K
R935	FM110105	R SMD METAL 1/4W 1M J
R936	FM110105	R SMD METAL 1/4W 1M J
R937	FM110105	R SMD METAL 1/4W 1M J
R951	FM100122	RES SMD 1/8W(T) 5% 1.2KOH
R952	FN107501	R SMD 1/8W(T) 1% 7.5K
R953	FN106201	CHIP 1/8W(T) 1% 6.2K
R954	FN102201	CHIP RES 1/8W (T) 1% 2.2K
R955	FM100000	CHIP 1/8W(T) 5% 0 H
R956	FM100102	CHIP 1/8W(T) 5% 1K
R9A2	FJ470473	R MOF 1W/M 47K J(A)
R9A3	FM100270	CHIP RES 1/8W(T) 5% 27OHM
R9A4	FM110102	R SMD METAL 1/4W 1.0K J T
R9A5	FM100392	CHIP 1/8W(T) 5% 3.9K
R9A6	FM100000	CHIP 1/8W(T) 5% 0 H
R9A7	FM100103	CHIP 1/8W(T) 5% 10K
R9A8	FM110101	R SMD METAL 1/4W 100 J T
R9E1	FM100101	CHIP 1/8W(T) 5% 100H
R9E2	FN101001	R SMD 1/8W(T) 1% 1K
R9E3	FM100220	R SMD 1/8W(T) 5% 22
R9E4	FN101001	R SMD 1/8W(T) 1% 1K
R9E6	FM100000	CHIP 1/8W(T) 5% 0 H
R9E7	FM100392	CHIP 1/8W(T) 5% 3.9K
R9X1	FM110225	R SMD METAL 1/4W 2.2M J T
R9X2	FM110225	R SMD METAL 1/4W 2.2M J T
R9X4	FM100333	CHIP 1/8W(T) 5% 33K
R9X5	FN117503	R SMD METAL 1/4W 750K F
R9X6	FN117503	R SMD METAL 1/4W 750K F
R9X7	FN116803	R SMD METAL 1/4W 680K F
R9X8	FN102202	CHIP 1/8W(T) 1% 22K
R9X9	FM110223	R SMD METAL 1/4W 22K J T
R9Y1	FM100102	CHIP 1/8W(T) 5% 1K
R9Y2	FM100101	CHIP 1/8W(T) 5% 100H
R9Y3	FJ560338	R MOF 2W/M 0.33 J(A)
RA03	FM010330	R SMD 1/10W(T) 5% 33
RA04	FM010330	R SMD 1/10W(T) 5% 33
RA05	FM010330	R SMD 1/10W(T) 5% 33
RA06	FM010330	R SMD 1/10W(T) 5% 33
RA07	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RA08	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RA11	FM010100	R SMD 1/10W(T) 5% 10
RA12	FM010100	R SMD 1/10W(T) 5% 10

SYMBOL	Part No for NPG	DESCRIPTION
RA19	FM010330	R SMD 1/10W(T) 5% 33
RA20	FM010330	R SMD 1/10W(T) 5% 33
RA21	FM010330	R SMD 1/10W(T) 5% 33
RA22	FM010330	R SMD 1/10W(T) 5% 33
RA23	FM010330	R SMD 1/10W(T) 5% 33
RA24	FM010330	R SMD 1/10W(T) 5% 33
RA27	FM010101	CHIP RES 1/10W(T) 5% 100O
RA28	FM010101	CHIP RES 1/10W(T) 5% 100O
RA29	FM010101	CHIP RES 1/10W(T) 5% 100O
RA30	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA34	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA37	FM010330	R SMD 1/10W(T) 5% 33
RA43	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA44	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA4A	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA4E	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA70A	FM010223	CHIP RES 1/10W(T) 5% 22KO
RA70B	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA70G	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA70R	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA71A	FM010101	CHIP RES 1/10W(T) 5% 100O
RA71B	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA71G	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA71R	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA72A	FM010331	R CHIP 1/10W(T) 5% 33O
RA72B	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA72G	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA72R	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA73A	FM010272	R SMD METAL 1/10W 2.7K J
RA73B	FM010101	CHIP RES 1/10W(T) 5% 100O
RA73G	FM010101	CHIP RES 1/10W(T) 5% 100O
RA73R	FM010101	CHIP RES 1/10W(T) 5% 100O
RA74A	FN012200	CHIP RES 1/10W(T) 1% 220O
RA74B	FM010331	R CHIP 1/10W(T) 5% 33O
RA74G	FM010331	R CHIP 1/10W(T) 5% 33O
RA74R	FM010331	R CHIP 1/10W(T) 5% 33O
RA75A	FN015100	R SMD METAL 1/10W 510 F
RA75B	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA75G	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA75R	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA76A	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA76B	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA76G	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA76R	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA77A	FM010821	R SMD METAL 1/10W 820 J T
RA77B	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA77G	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA77R	FM010102	CHIP RES 1/10W (T) 5% 1KO

SYMBOL	Part No for NPG	DESCRIPTION
RA78A	FM010272	R SMD METAL 1/10W 2.7K J
RA78B	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA78G	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA78R	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA79A	FM010101	CHIP RES 1/10W(T) 5% 100O
RA79B	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA79G	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA79R	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA7AA	FM010101	CHIP RES 1/10W(T) 5% 100O
RA7AB	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA7AG	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA7AR	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA7EA	FM010332	CHIP RES 1/10W(T) 5% 3.3K
RA7HB	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA7HG	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA7HR	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA7LA	FM010000	CHIP RES 1/10W(T) 5% 0OHM
RA80B	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA80G	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA80R	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA81B	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA81G	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA81R	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA82A	FM010331	R CHIP 1/10W(T) 5% 33O
RA82B	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA82G	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA82R	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA83	FM010330	R SMD 1/10W(T) 5% 33
RA83A	FM010272	R SMD METAL 1/10W 2.7K J
RA83B	FM010101	CHIP RES 1/10W(T) 5% 100O
RA83G	FM010101	CHIP RES 1/10W(T) 5% 100O
RA83R	FM010101	CHIP RES 1/10W(T) 5% 100O
RA84	FM010330	R SMD 1/10W(T) 5% 33
RA84A	FN012200	CHIP RES 1/10W(T) 1% 220O
RA84B	FM010331	R CHIP 1/10W(T) 5% 33O
RA84G	FM010331	R CHIP 1/10W(T) 5% 33O
RA84R	FM010331	R CHIP 1/10W(T) 5% 33O
RA85A	FN015100	R SMD METAL 1/10W 51O F
RA85B	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA85G	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA85R	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA86	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RA86A	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA86B	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA86G	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA86R	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA87	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RA87A	FM010821	R SMD METAL 1/10W 82O J T

SYMBOL	Part No for NPG	DESCRIPTION
RA87B	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA87G	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA87R	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA88A	FM010272	R SMD METAL 1/10W 2.7K J
RA88B	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA88G	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA88R	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA89A	FM010101	CHIP RES 1/10W(T) 5% 100O
RA89B	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA89G	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA89R	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA8AA	FM010101	CHIP RES 1/10W(T) 5% 100O
RA8AB	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA8AG	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA8AR	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA8EA	FM010332	CHIP RES 1/10W(T) 5% 3.3K
RA8HB	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA8HG	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA8HR	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA8KA	FM010272	R SMD METAL 1/10W 2.7K J
RA8LA	FM010000	CHIP RES 1/10W(T) 5% 0OHM
RAA3	FM010471	CHIP 1/10W(T) 5% 470H
RAA4	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RAA5	FM010682	R SMD 1/10W(T) 5% 6.8K
RAA6	FM010223	CHIP RES 1/10W(T) 5% 22KO
RAE3	FM010180	R SMD METAL 1/10W 18 J T
RAE4	FM010330	R SMD 1/10W(T) 5% 33
RAE5	FM010330	R SMD 1/10W(T) 5% 33
RAE6	FM010330	R SMD 1/10W(T) 5% 33
RAFH	FM010100	R SMD 1/10W(T) 5% 10
RAFK	FM010100	R SMD 1/10W(T) 5% 10
RAH1	FM010184	R SMD METAL 1/10W 180K J
RAH2	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAH3	FM010151	CHIP 1/10W(T) 5% 150H
RAH5	FM010184	R SMD METAL 1/10W 180K J
RAH6	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAH7	FM010151	CHIP 1/10W(T) 5% 150H
RAM1	FM010103	CHIP RES 1/10W(T) 5% 10KO
RAM2	FM010103	CHIP RES 1/10W(T) 5% 10KO
RAM3	FM010183	R SMD METAL 1/10W 18K J T
RAM4	FM010183	R SMD METAL 1/10W 18K J T
RAM5	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAM6	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAM7	FM010272	R SMD METAL 1/10W 2.7K J
RAM8	FM010272	R SMD METAL 1/10W 2.7K J
RAN1	FM010470	CHIP RES 1/10W(T) 5% 47OH
RAN2	FM010470	CHIP RES 1/10W(T) 5% 47OH
RAN3	FM010683	CHIP RES 1/10W(T) 5% 68K

SYMBOL	Part No for NPG	DESCRIPTION
RAN4	FM010683	CHIP RES 1/10W(T) 5% 68K
RAN5	FM010184	R SMD METAL 1/10W 180K J
RAN6	FM010184	R SMD METAL 1/10W 180K J
RAN7	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAN8	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAN9	FM010101	CHIP RES 1/10W(T) 5% 100O
RANA	FM010101	CHIP RES 1/10W(T) 5% 100O
RK01	FM010391	R SMD METAL 1/10W 390 J T
RK07	FM010560	CHIP RES 1/10W(T) 5% 56OH
RK08	FM010330	R SMD 1/10W(T) 5% 33
RK09	FM010473	CHIP 1/10W(T) 5% 47K
RK0A	FM010473	CHIP 1/10W(T) 5% 47K
RK10	FM010473	CHIP 1/10W(T) 5% 47K
RK11	FM010000	CHIP RES 1/10W(T) 5% 0OHM
RK16	FM010391	R SMD METAL 1/10W 390 J T
RK22	FM010560	CHIP RES 1/10W(T) 5% 56OH
RK23	FM010330	R SMD 1/10W(T) 5% 33
RK24	FM010473	CHIP 1/10W(T) 5% 47K
RK25	FM010473	CHIP 1/10W(T) 5% 47K
RK26	FM010000	CHIP RES 1/10W(T) 5% 0OHM
RK2A	FM010473	CHIP 1/10W(T) 5% 47K
RK2E	FM010473	CHIP 1/10W(T) 5% 47K
RKAE	FM010473	CHIP 1/10W(T) 5% 47K
RKF1	FN015100	R SMD METAL 1/10W 510 F
RKF2	FN015100	R SMD METAL 1/10W 510 F
RKF6	FN012701	R SMD METAL 1/10W 2.7K F
RKF7	FM010101	CHIP RES 1/10W(T) 5% 100O
RKF8	FM010473	CHIP 1/10W(T) 5% 47K
RKF9	FM010101	CHIP RES 1/10W(T) 5% 100O

*** CAPACITORS ***

C151	GX439157	C SMD CER CH 390P 50V J
C152	GX41050X	C SMD CER BJ 1U 6.3V K
C153	GN247538	C SMD ELE105 4.7U 25V M
C154	GX41051Y	C SMD CER BJ 1U 10V M
C15A	GX01060Y	C SMD CER BJ 10U 6.3V M
C201	GX12260Y	C SMD CER BJ 22U 6.3V M
C221	GNH10710	C SMD ELE105 100U 10V M
C222	GX01060Y	C SMD CER BJ 10U 6.3V M
C223	GNM33728	C SMD ELE105 330U 16V M
C224	GN210624	C SMD ELE105 10U 16V M
C225	GX410439	C SMD CER F 0.1U 25V Z
C226	GX410439	C SMD CER F 0.1U 25V Z
C22E	GX410439	C SMD CER F 0.1U 25V Z
C22F	GX42250Y	C SMD CER BJ 2.2U 6.3V M
C261	GX410439	C SMD CER F 0.1U 25V Z
C263	GN210624	C SMD ELE105 10U 16V M
C265	GX410439	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NPG	DESCRIPTION
C26A	GX410439	C SMD CER F 0.1U 25V Z
C271	GX12260Y	C SMD CER BJ 22U 6.3V M
C273	GX410439	C SMD CER F 0.1U 25V Z
C274	GX410439	C SMD CER F 0.1U 25V Z
C275	GX410439	C SMD CER F 0.1U 25V Z
C276	GX410439	C SMD CER F 0.1U 25V Z
C277	GX01060Y	C SMD CER BJ 10U 6.3V M
C278	GX01060Y	C SMD CER BJ 10U 6.3V M
C27E	GX41050X	C SMD CER BJ 1U 6.3V K
C281	GX12260Y	C SMD CER BJ 22U 6.3V M
C2A2	GX410439	C SMD CER F 0.1U 25V Z
C2A3	GX410439	C SMD CER F 0.1U 25V Z
C2A4	GNH22630	C SMD ELE105 22U 25V M
C2A5	GNM33728	C SMD ELE105 330U 16V M
C2E1	GX410439	C SMD CER F 0.1U 25V Z
C2M1	GNJ10730	C SMD ELE105 100U 25V M
C2M2	GX04733X	C SMD CER BJ 0.047U 25V K
C2M3	GX42725K	C SMD CER B 2700P 50V K
C2M4	GX410439	C SMD CER F 0.1U 25V Z
C2M5	GX410439	C SMD CER F 0.1U 25V Z
C2M6	GNM68728	C SMD ELE105 680U 16V M
C409	GX01060Y	C SMD CER BJ 10U 6.3V M
C410	GX410439	C SMD CER F 0.1U 25V Z
C411	GX410439	C SMD CER F 0.1U 25V Z
C412	GX410439	C SMD CER F 0.1U 25V Z
C413	GX410439	C SMD CER F 0.1U 25V Z
C414	GX410439	C SMD CER F 0.1U 25V Z
C415	GX410439	C SMD CER F 0.1U 25V Z
C416	GX410439	C SMD CER F 0.1U 25V Z
C417	GX410439	C SMD CER F 0.1U 25V Z
C418	GX410439	C SMD CER F 0.1U 25V Z
C419	GX410439	C SMD CER F 0.1U 25V Z
C420	GX410439	C SMD CER F 0.1U 25V Z
C421	GX410439	C SMD CER F 0.1U 25V Z
C422	GX410439	C SMD CER F 0.1U 25V Z
C423	GX410439	C SMD CER F 0.1U 25V Z
C424	GX410439	C SMD CER F 0.1U 25V Z
C425	GX01060Y	C SMD CER BJ 10U 6.3V M
C426	GX410439	C SMD CER F 0.1U 25V Z
C427	GX410439	C SMD CER F 0.1U 25V Z
C428	GX410439	C SMD CER F 0.1U 25V Z
C429	GX410439	C SMD CER F 0.1U 25V Z
C430	GX410439	C SMD CER F 0.1U 25V Z
C431	GX410439	C SMD CER F 0.1U 25V Z
C432	GX410439	C SMD CER F 0.1U 25V Z
C433	GX410439	C SMD CER F 0.1U 25V Z
C434	GX410439	C SMD CER F 0.1U 25V Z
C443	GX01060Y	C SMD CER BJ 10U 6.3V M

SYMBOL	Part No for NPG	DESCRIPTION
C444	GX01060Y	C SMD CER BJ 10U 6.3V M
C451	GX410439	C SMD CER F 0.1U 25V Z
C452	GX01060Y	C SMD CER BJ 10U 6.3V M
C454	GX410056	C SMD CER CH 10P 50V D
C455	GX410056	C SMD CER CH 10P 50V D
C458	GX410439	C SMD CER F 0.1U 25V Z
C459	GX410439	C SMD CER F 0.1U 25V Z
C45F	GX410439	C SMD CER F 0.1U 25V Z
C4A2	GN210624	C SMD ELE105 10U 16V M
C4A4	GX410439	C SMD CER F 0.1U 25V Z
C4E0	GX410439	C SMD CER F 0.1U 25V Z
C4E1	GX410439	C SMD CER F 0.1U 25V Z
C4E2	GX410439	C SMD CER F 0.1U 25V Z
C4E3	GX410439	C SMD CER F 0.1U 25V Z
C4E4	GX410439	C SMD CER F 0.1U 25V Z
C4E5	GX410439	C SMD CER F 0.1U 25V Z
C4E6	GX410439	C SMD CER F 0.1U 25V Z
C4E7	GX410439	C SMD CER F 0.1U 25V Z
C4E8	GX410439	C SMD CER F 0.1U 25V Z
C4E9	GX410439	C SMD CER F 0.1U 25V Z
C4F0	GX410439	C SMD CER F 0.1U 25V Z
C4F1	GX410439	C SMD CER F 0.1U 25V Z
C4F2	GX410439	C SMD CER F 0.1U 25V Z
C4F3	GX410439	C SMD CER F 0.1U 25V Z
C4F4	GX410439	C SMD CER F 0.1U 25V Z
C4F5	GX410439	C SMD CER F 0.1U 25V Z
C4F6	GX410439	C SMD CER F 0.1U 25V Z
C4F7	GX410439	C SMD CER F 0.1U 25V Z
C4F8	GX410439	C SMD CER F 0.1U 25V Z
C4F9	GX410439	C SMD CER F 0.1U 25V Z
C4FA	GX410439	C SMD CER F 0.1U 25V Z
C4FE	GX410439	C SMD CER F 0.1U 25V Z
C4FF	GX410439	C SMD CER F 0.1U 25V Z
C4FH	GX410439	C SMD CER F 0.1U 25V Z
C4FJ	GX410439	C SMD CER F 0.1U 25V Z
C4FK	GX410439	C SMD CER F 0.1U 25V Z
C4FL	GX410439	C SMD CER F 0.1U 25V Z
C4FM	GX410439	C SMD CER F 0.1U 25V Z
C4FMZ	GX410439	C SMD CER F 0.1U 25V Z
C4FN	GX410439	C SMD CER F 0.1U 25V Z
C4FP	GX410439	C SMD CER F 0.1U 25V Z
C4FQ	GX410439	C SMD CER F 0.1U 25V Z
C4FR	GX410439	C SMD CER F 0.1U 25V Z
C4FS	GX410439	C SMD CER F 0.1U 25V Z
C4FT	GX410439	C SMD CER F 0.1U 25V Z
C4FW	GN210624	C SMD ELE105 10U 16V M
C4FX	GX42250Y	C SMD CER BJ 2.2U 6.3V M
C4FY	GX410439	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NPG	DESCRIPTION
C551	GX410439	C SMD CER F 0.1U 25V Z
C552	GX410439	C SMD CER F 0.1U 25V Z
C553	GX410439	C SMD CER F 0.1U 25V Z
C554	GX410439	C SMD CER F 0.1U 25V Z
C555	GX410439	C SMD CER F 0.1U 25V Z
C556	GX410439	C SMD CER F 0.1U 25V Z
C561	GX410439	C SMD CER F 0.1U 25V Z
C562	GX410439	C SMD CER F 0.1U 25V Z
C563	GX410439	C SMD CER F 0.1U 25V Z
C564	GX410439	C SMD CER F 0.1U 25V Z
C565	GX410439	C SMD CER F 0.1U 25V Z
C566	GX410439	C SMD CER F 0.1U 25V Z
C801	GX410439	C SMD CER F 0.1U 25V Z
C802	GX41042K	C SMD CER B 0.1U 16V K
C805	GX410439	C SMD CER F 0.1U 25V Z
C806	GX410439	C SMD CER F 0.1U 25V Z
C807	GX410439	C SMD CER F 0.1U 25V Z
C808	GX410439	C SMD CER F 0.1U 25V Z
C809	GX410439	C SMD CER F 0.1U 25V Z
C810	GX410439	C SMD CER F 0.1U 25V Z
C811	GX410439	C SMD CER F 0.1U 25V Z
C812	GX410439	C SMD CER F 0.1U 25V Z
C813	GX410439	C SMD CER F 0.1U 25V Z
C815	GX410439	C SMD CER F 0.1U 25V Z
C818	GX410439	C SMD CER F 0.1U 25V Z
C819	GX410439	C SMD CER F 0.1U 25V Z
C820	GX41042K	C SMD CER B 0.1U 16V K
C821	GX41042K	C SMD CER B 0.1U 16V K
C8A1	GX410439	C SMD CER F 0.1U 25V Z
C8A2	GX410439	C SMD CER F 0.1U 25V Z
C8E1	GX410439	C SMD CER F 0.1U 25V Z
C901	GJ047417	C SAFE X 0.47U AC275V K
C902	GJ047417	C SAFE X 0.47U AC275V K
C905	GJC102E5	SAFETY Y-CAP/D1000P/400VM
C906	GGY00010	C ELE105 120U 450V SNAP-I
C907	GT001011	C FILM MM 0.01U 400V J
C910	GGV22650	C ELE105 22U 50V M (T)
C911	GGH10740	C ELE105 100U 35V M (T)
C912	GX010459	C SMD CER F 0.1U 50V Z
C913	GX010252	C SMD C0G 1000P 50V J 080
C914	GX010054	C SMD CER CH 10P 50V C
C915	GX01043X	C SMD CER BJ 0.1U 25V K
C920	GX01035K	C SMD CER B 0.01U 50V K
C925	GT001391	C FILM MM 0.47U 100V J
C926	GX01060X	C SMD CER BJ 10U 6.3V K
C927	GGH47555	C ELE105 4.7U 50V M (T)
C951	GGR15830	C ELE105 1500U 25V M (T)
C952	GGR15830	C ELE105 1500U 25V M (T)

SYMBOL	Part No for NPG	DESCRIPTION
C953	GGR10830	C ELE105 1000U 25V M (T)
C954	GX01052Y	C SMD CER BJ 1U 16V M
C955	GH001251	C CER SL 150P 1KV J (T)
C9A2	GGH22555	C ELE105 2.2U 50V M (T)
C9A3	GT001011	C FILM MM 0.01U 400V J
C9A4	GX01043X	C SMD CER BJ 0.1U 25V K
C9A6	GX01051X	C SMD CER BJ 1U 10V K
C9A7	GGH47635	C ELE105 47U 25V M (T)
C9E1	GGR22810	C ELE105 2200U 10V M (T)
C9E2	GX01051X	C SMD CER BJ 1U 10V K
C9E3	GGH10810	C ELE105 1000U 10V M (T)
C9X1	GT002401	C FILM PMS 0.47U 400V J
C9X2	GX01035K	C SMD CER B 0.01U 50V K
C9X3	GX04715K	C SMD CER B 470P 50V K
C9X4	GX03342X	C SMD CER BJ 0.33U 16V K
C9X5	GX01015J	C SMD CER SL 100P 50V J
CA05	GX44732X	C SMD CER BJ 0.047U 16V K
CA06	GX44732X	C SMD CER BJ 0.047U 16V K
CA07	GX44732X	C SMD CER BJ 0.047U 16V K
CA08	GX44732X	C SMD CER BJ 0.047U 16V K
CA09	GX44732X	C SMD CER BJ 0.047U 16V K
CA10	GX44732X	C SMD CER BJ 0.047U 16V K
CA12	GX41025K	C SMD CER B 1000P 50V K
CA19	GX41025K	C SMD CER B 1000P 50V K
CA20	GX01060Y	C SMD CER BJ 10U 6.3V M
CA21	GS782222	C SMD FILM ECHU 8200P 16V
CA22	GS747322	C SMD FILM ECHU 47000P 16
CA23	GX410439	C SMD CER F 0.1U 25V Z
CA24	GX410439	C SMD CER F 0.1U 25V Z
CA25	GX410439	C SMD CER F 0.1U 25V Z
CA26	GX41050X	C SMD CER BJ 1U 6.3V K
CA28	GX410439	C SMD CER F 0.1U 25V Z
CA29	GX410439	C SMD CER F 0.1U 25V Z
CA2A	GS715322	C SMD FILM ECHU 15000P 16
CA36	GX410439	C SMD CER F 0.1U 25V Z
CA37	GX410439	C SMD CER F 0.1U 25V Z
CA38	GX410439	C SMD CER F 0.1U 25V Z
CA39	GX410439	C SMD CER F 0.1U 25V Z
CA40	GX410439	C SMD CER F 0.1U 25V Z
CA41	GX410439	C SMD CER F 0.1U 25V Z
CA42	GX410439	C SMD CER F 0.1U 25V Z
CA43	GX410439	C SMD CER F 0.1U 25V Z
CA44	GX410439	C SMD CER F 0.1U 25V Z
CA45	GX410439	C SMD CER F 0.1U 25V Z
CA53	GX01060Y	C SMD CER BJ 10U 6.3V M
CA67	GX01060Y	C SMD CER BJ 10U 6.3V M
CA70A	GX01060Y	C SMD CER BJ 10U 6.3V M
CA70B	GX410439	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NPG	DESCRIPTION
CA70G	GX410439	C SMD CER F 0.1U 25V Z
CA70R	GX410439	C SMD CER F 0.1U 25V Z
CA71B	GX01060Y	C SMD CER BJ 10U 6.3V M
CA71G	GX01060Y	C SMD CER BJ 10U 6.3V M
CA71R	GX01060Y	C SMD CER BJ 10U 6.3V M
CA72A	GX410439	C SMD CER F 0.1U 25V Z
CA72B	GX410439	C SMD CER F 0.1U 25V Z
CA72G	GX410439	C SMD CER F 0.1U 25V Z
CA72R	GX410439	C SMD CER F 0.1U 25V Z
CA73B	GX410056	C SMD CER CH 10P 50V D
CA73G	GX410056	C SMD CER CH 10P 50V D
CA73R	GX410056	C SMD CER CH 10P 50V D
CA74B	GX410439	C SMD CER F 0.1U 25V Z
CA74G	GX410439	C SMD CER F 0.1U 25V Z
CA74R	GX410439	C SMD CER F 0.1U 25V Z
CA75A	GX01060Y	C SMD CER BJ 10U 6.3V M
CA75B	GX422057	C SMD CER CH 22P 50V J
CA75G	GX422057	C SMD CER CH 22P 50V J
CA75R	GX422057	C SMD CER CH 22P 50V J
CA76B	GX410439	C SMD CER F 0.1U 25V Z
CA76G	GX410439	C SMD CER F 0.1U 25V Z
CA76R	GX410439	C SMD CER F 0.1U 25V Z
CA77A	GX468057	C SMD CER CH 68P 50V J
CA77B	GX447057	C SMD CER CH 47P 50V J
CA77G	GX447057	C SMD CER CH 47P 50V J
CA77R	GX447057	C SMD CER CH 47P 50V J
CA78A	GX410439	C SMD CER F 0.1U 25V Z
CA80A	GX01060Y	C SMD CER BJ 10U 6.3V M
CA80B	GX410439	C SMD CER F 0.1U 25V Z
CA80G	GX410439	C SMD CER F 0.1U 25V Z
CA80R	GX410439	C SMD CER F 0.1U 25V Z
CA81B	GX01060Y	C SMD CER BJ 10U 6.3V M
CA81G	GX01060Y	C SMD CER BJ 10U 6.3V M
CA81R	GX01060Y	C SMD CER BJ 10U 6.3V M
CA82B	GX410439	C SMD CER F 0.1U 25V Z
CA82G	GX410439	C SMD CER F 0.1U 25V Z
CA82R	GX410439	C SMD CER F 0.1U 25V Z
CA83B	GX410056	C SMD CER CH 10P 50V D
CA83G	GX410056	C SMD CER CH 10P 50V D
CA83R	GX410056	C SMD CER CH 10P 50V D
CA84B	GX410439	C SMD CER F 0.1U 25V Z
CA84G	GX410439	C SMD CER F 0.1U 25V Z
CA84R	GX410439	C SMD CER F 0.1U 25V Z
CA85A	GX01060Y	C SMD CER BJ 10U 6.3V M
CA85B	GX422057	C SMD CER CH 22P 50V J
CA85G	GX422057	C SMD CER CH 22P 50V J
CA85R	GX422057	C SMD CER CH 22P 50V J
CA86B	GX410439	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NPG	DESCRIPTION
CA86G	GX410439	C SMD CER F 0.1U 25V Z
CA86R	GX410439	C SMD CER F 0.1U 25V Z
CA87A	GX468057	C SMD CER CH 68P 50V J
CA87B	GX447057	C SMD CER CH 47P 50V J
CA87G	GX447057	C SMD CER CH 47P 50V J
CA87R	GX447057	C SMD CER CH 47P 50V J
CA88A	GX410439	C SMD CER F 0.1U 25V Z
CA90	GX41025K	C SMD CER B 1000P 50V K
CA91	GX41025K	C SMD CER B 1000P 50V K
CAA1	GX410439	C SMD CER F 0.1U 25V Z
CAA2	GX410439	C SMD CER F 0.1U 25V Z
CAA3	GX410439	C SMD CER F 0.1U 25V Z
CAA4	GX410439	C SMD CER F 0.1U 25V Z
CAA5	GX410439	C SMD CER F 0.1U 25V Z
CAA6	GN210624	C SMD ELE105 10U 16V M
CAH1	GX41050X	C SMD CER BJ 1U 6.3V K
CAH2	GX41050X	C SMD CER BJ 1U 6.3V K
CAH3	GX46825K	C SMD CER B 6800P 50V K
CAH4	GX46825K	C SMD CER B 6800P 50V K
CAM3	GX01060Y	C SMD CER BJ 10U 6.3V M
CAM4	GX01060Y	C SMD CER BJ 10U 6.3V M
CAN1	GX41050X	C SMD CER BJ 1U 6.3V K
CAN2	GX41050X	C SMD CER BJ 1U 6.3V K
CAN3	GX46825K	C SMD CER B 6800P 50V K
CAN4	GX46825K	C SMD CER B 6800P 50V K
CK01	GX410439	C SMD CER F 0.1U 25V Z
CK02	GX410439	C SMD CER F 0.1U 25V Z
CK03	GX410439	C SMD CER F 0.1U 25V Z
CK04	GX410439	C SMD CER F 0.1U 25V Z
CK05	GX410439	C SMD CER F 0.1U 25V Z
CK06	GX410439	C SMD CER F 0.1U 25V Z
CK07	GX410439	C SMD CER F 0.1U 25V Z
CK08	GX410439	C SMD CER F 0.1U 25V Z
CK09	GX410157	C SMD CER CH 100P 50V J
CK10	GX410157	C SMD CER CH 100P 50V J
CK11	GX410157	C SMD CER CH 100P 50V J
CK12	GX410157	C SMD CER CH 100P 50V J
CK13	GX410157	C SMD CER CH 100P 50V J
CK14	GX01060Y	C SMD CER BJ 10U 6.3V M
CK16	GN310720	C SMD ELE105 100U 16V M
CK17	GX410157	C SMD CER CH 100P 50V J
CK18	GX01060Y	C SMD CER BJ 10U 6.3V M
CK19	GX410439	C SMD CER F 0.1U 25V Z
CK20	GX410439	C SMD CER F 0.1U 25V Z
CK21	GX410439	C SMD CER F 0.1U 25V Z
CK22	GX410439	C SMD CER F 0.1U 25V Z
CK23	GX410439	C SMD CER F 0.1U 25V Z
CK24	GX410439	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NPG	DESCRIPTION
CK25	GX410439	C SMD CER F 0.1U 25V Z
CK26	GX410439	C SMD CER F 0.1U 25V Z
CK27	GX410157	C SMD CER CH 100P 50V J
CK28	GX410157	C SMD CER CH 100P 50V J
CK29	GX410157	C SMD CER CH 100P 50V J
CK30	GX410157	C SMD CER CH 100P 50V J
CK31	GX410157	C SMD CER CH 100P 50V J
CK32	GX01060Y	C SMD CER BJ 10U 6.3V M
CK34	GN310720	C SMD ELE105 100U 16V M
CK35	GX410157	C SMD CER CH 100P 50V J
CK36	GX01060Y	C SMD CER BJ 10U 6.3V M
CKF1	GX410439	C SMD CER F 0.1U 25V Z
CKF2	GX410439	C SMD CER F 0.1U 25V Z

REPLACEMENT PARTS LIST

(For Europe)

The components specified for Model LCD2080UX-BK(B)

Manufactured by NPG

SYMBOL	Part No for NPG	DESCRIPTION
*** ICS ***		
IC201	EHA10881	IC SMD BA00BC0WFP
IC221	EHA10861	IC SMD PQ1CZ21H2ZP
IC222	EHA10881	IC SMD BA00BC0WFP
IC251	EHA10871	IC SMD L4978 REGULATOR
IC271	EHA10881	IC SMD BA00BC0WFP
IC272	EHA10881	IC SMD BA00BC0WFP
IC2A1	EHA10861	IC SMD PQ1CZ21H2ZP
IC401	EHA10741	IC SMD PW164B
IC402	EHA10691	IC SMD LH28F800-L202V03
IC403	EHA10801	IC SMD ICS332M-L202EV
IC405	EHA10771	IC SMDSN74AHC2G125H MOS
IC4A1	EHA10721	IC SMD UPD65545-Y-6C
IC4A2	EHA10751	IC SMD NC7WZ14
IC4A3	EHA10751	IC SMD NC7WZ14
IC551	EHA10831	IC SMD DS90C385MTD MOS
IC552	EHA10831	IC SMD DS90C385MTD MOS
IC801	EHA90011	IC RESET M51957AFP
IC802	EHA90011	IC RESET M51957AFP
IC803	EHA10761	IC SMD CAT24WC64JI-TE13 M
IC804	EHA10701	IC SMD M30625MGN-A26GP
IC8A1	EHA10211	IC SMD BU9882F-WE2 MOS
IC8A2	EHA10821	IC SMD X9116WM8-2.7T4 MOS
IC8A3	EHA10821	IC SMD X9116WM8-2.7T4 MOS
IC8A4	EHA10811	IC SMD SN74CBT1G125DCK
IC8A5	EHA10811	IC SMD SN74CBT1G125DCK
IC8F1	EHA10211	IC SMD BU9882F-WE2 MOS
IC901	EH110251	IC STR-E1717 LF NO. 1064
IC951	EH110321	IC TL431ACLP
IC9A1	EH110261	IC MIP2E2DMY0LE
IC9A2	EHA10901	IC SMD XN04A8800L
IC9E1	EH110321	IC TL431ACLP
ICA01	EHA10711	IC SMD AD9888KS-170
ICA70A	EHA10841	IC SMD AD8002AR
ICAA1	EHA10751	IC SMD NC7WZ14
ICAA2	EHA10751	IC SMD NC7WZ14
ICAA3	EHA10791	IC SMD SN74CBTLV1G125DCK
ICAA4	EHA10791	IC SMD SN74CBTLV1G125DCK
ICAA5	EHA11071	IC SMD TA76431F
ICAA6	EHA10781	IC SMD SN74CBTLV3125PW
ICK01	EHA10731	IC SMD TFP401 MOS
ICK02	EHA10731	IC SMD TFP401 MOS

SYMBOL	Part No for NPG	DESCRIPTION
PC901	EH190021	IC PHOTO COUPLE PC123Y
PC911	EH190021	IC PHOTO COUPLE PC123Y
PC9A1	EH190021	IC PHOTO COUPLE PC123Y

*** TRANSISTORS ***

Q101	ECA00081	TR SMD DTC143ZKA-T146
Q102	ECA00161	TR SMD 2SA1162-GR
Q104	ECA00081	TR SMD DTC143ZKA-T146
Q105	ECA00161	TR SMD 2SA1162-GR
Q151	ECA00191	FET SMD 2SJ580-TD
Q152	ECA00021	TR SMD 2SA1037AK-T146 Q
Q153	EN000413	CHIP TR NPN 2SC2412K-T146
Q154	ECA00061	TR SMD DTC144EKA-T146(O)
Q155	ECA00061	TR SMD DTC144EKA-T146(O)
Q156	ECA00071	TR SMD DTA144EKA
Q157	ECA00061	TR SMD DTC144EKA-T146(O)
Q261	ECA00061	TR SMD DTC144EKA-T146(O)
Q262	EFK00061	FET SMD 2SJ377(TE16L)
Q265	EFK00011	FET SMD 2SK3018-T106
Q271	ECA00061	TR SMD DTC144EKA-T146(O)
Q272	ECA00061	TR SMD DTC144EKA-T146(O)
Q451	ECA00161	TR SMD 2SA1162-GR
Q452	ECA00061	TR SMD DTC144EKA-T146(O)
Q453	ECA00061	TR SMD DTC144EKA-T146(O)
Q805	ECA00061	TR SMD DTC144EKA-T146(O)
Q806	ECA00151	TR SMD 2SC3734
Q807	ECA00151	TR SMD 2SC3734
Q861	EFK00011	FET SMD 2SK3018-T106
Q863	EFK00011	FET SMD 2SK3018-T106
Q8A3	ECA00061	TR SMD DTC144EKA-T146(O)
Q8E1	ECA00061	TR SMD DTC144EKA-T146(O)
Q8E5	ECA00061	TR SMD DTC144EKA-T146(O)
Q8E6	ECA00061	TR SMD DTC144EKA-T146(O)
Q901	EF000010	FET 2SK3673-01MR-F111
Q908	EFK00041	FET SMD 2SK2715 P
Q911	ECA00021	TR SMD 2SA1037AK-T146 Q
Q912	EN000413	CHIP TR NPN 2SC2412K-T146
Q913	EN000413	CHIP TR NPN 2SC2412K-T146
Q930	ECA00061	TR SMD DTC144EKA-T146(O)
Q931	EC100011	TR 2SC5562
Q932	ECA00061	TR SMD DTC144EKA-T146(O)
Q933	ECA00091	TR SMD DTB114EK
Q9E1	ECA00061	TR SMD DTC144EKA-T146(O)
QA70A	ECA00061	TR SMD DTC144EKA-T146(O)
QA70B	ECA00141	TR SMD 2SC5084-O
QA70G	ECA00141	TR SMD 2SC5084-O
QA70R	ECA00141	TR SMD 2SC5084-O
QA71A	ECA00191	FET SMD 2SJ580-TD

SYMBOL	Part No for NPG	DESCRIPTION
QA71B	ECA00071	TR SMD DTA144EKA
QA71G	ECA00071	TR SMD DTA144EKA
QA71R	ECA00071	TR SMD DTA144EKA
QA72A	ECA00071	TR SMD DTA144EKA
QA72B	ECA00071	TR SMD DTA144EKA
QA72G	ECA00071	TR SMD DTA144EKA
QA72R	ECA00071	TR SMD DTA144EKA
QA73B	ECA00071	TR SMD DTA144EKA
QA73G	ECA00071	TR SMD DTA144EKA
QA73R	ECA00071	TR SMD DTA144EKA
QA80B	ECA00141	TR SMD 2SC5084-O
QA80G	ECA00141	TR SMD 2SC5084-O
QA80R	ECA00141	TR SMD 2SC5084-O
QA81B	ECA00071	TR SMD DTA144EKA
QA81G	ECA00071	TR SMD DTA144EKA
QA81R	ECA00071	TR SMD DTA144EKA
QA82B	ECA00071	TR SMD DTA144EKA
QA82G	ECA00071	TR SMD DTA144EKA
QA82R	ECA00071	TR SMD DTA144EKA
QA83B	ECA00071	TR SMD DTA144EKA
QA83G	ECA00071	TR SMD DTA144EKA
QA83R	ECA00071	TR SMD DTA144EKA
QAA1	ECA00061	TR SMD DTC144EKA-T146(O)
QAH1	ECA00031	TR SMD 2SA1434-TB
QAH2	ECA00031	TR SMD 2SA1434-TB
QAM1	ECA00151	TR SMD 2SC3734
QAM2	ECA00151	TR SMD 2SC3734
QAN1	ECA00031	TR SMD 2SA1434-TB
QAN2	ECA00031	TR SMD 2SA1434-TB
QKF1	ECA00021	TR SMD 2SA1037AK-T146 Q

*** DIODES ***

D151	EX500114	CHIP DIODE/T 1SS355TE-17
D152	EJK00021	DI SMD RB715F-T106
D221	EJK00051	DI SMD SFPB-64
D222	EX500114	CHIP DIODE/T 1SS355TE-17
D271	EX500114	CHIP DIODE/T 1SS355TE-17
D272	EX500114	CHIP DIODE/T 1SS355TE-17
D273	EX500114	CHIP DIODE/T 1SS355TE-17
D274	EX700216	DIODE RB495D
D275	EX700216	DIODE RB495D
D2A1	EJK00051	DI SMD SFPB-64
D2M1	EJK00051	DI SMD SFPB-64
D901	EJ100430	DI D3SBA60
D902	EJ100471	DI RM10A (T)
D907	EJ100481	DI EG01CV1-T
D911	EJK00061	DI SMD 1SR156-400
D912	EJK00081	DI SMD MA2Z001

SYMBOL	Part No for NPG	DESCRIPTION
D913	EJK00101	DI SMD DG1M3
D914	EJK00101	DI SMD DG1M3
D915	EJK00081	DI SMD MA2Z001
D930	EX500114	CHIP DIODE/T 1SS355TE-17
D951	EJ100440	DI FMX-22S
D9A1	EJ100481	DI EG01CV1-T
D9A2	EJK00081	DI SMD MA2Z001
D9E1	EJ100450	DI RK39
D9X1	EJ100460	DI FMG-G26S
D9X2	EJK00071	DI SMD SFPL-52
DA01	EX500216	CHIP DIODE DAN217 T146
DA02	EX500216	CHIP DIODE DAN217 T146
DA03	EX500216	CHIP DIODE DAN217 T146
DA04	EX500114	CHIP DIODE/T 1SS355TE-17
DA11	EX500216	CHIP DIODE DAN217 T146
DA12	EX500216	CHIP DIODE DAN217 T146
DA13	EX500216	CHIP DIODE DAN217 T146
DA70A	EJK00011	DI SMD 1SS356
DA71B	EJK00011	DI SMD 1SS356
DA71G	EJK00011	DI SMD 1SS356
DA71R	EJK00011	DI SMD 1SS356
DA72B	EJK00011	DI SMD 1SS356
DA72G	EJK00011	DI SMD 1SS356
DA72R	EJK00011	DI SMD 1SS356
DA73B	EJK00011	DI SMD 1SS356
DA73G	EJK00011	DI SMD 1SS356
DA73R	EJK00011	DI SMD 1SS356
DA80A	EJK00011	DI SMD 1SS356
DA81B	EJK00011	DI SMD 1SS356
DA81G	EJK00011	DI SMD 1SS356
DA81R	EJK00011	DI SMD 1SS356
DA82B	EJK00011	DI SMD 1SS356
DA82G	EJK00011	DI SMD 1SS356
DA82R	EJK00011	DI SMD 1SS356
DA83B	EJK00011	DI SMD 1SS356
DA83G	EJK00011	DI SMD 1SS356
DA83R	EJK00011	DI SMD 1SS356
ZD8G2	EJK00031	DI SMD STZ6.2N
ZD908	EYD40752	ZD SMD UDZS7.5BTE-17
ZD910	EYD42702	ZD SMD UDZS27BTE-17
ZD917	EYD41802	ZD SMD UDZS18BTE-17
ZD918	EYD40512	ZD SMD UDZS5.1BTE-17
ZD919	EYD40472	ZD SMD UDZS4.7BTE-17
ZD920	EYD42702	ZD SMD UDZS27BTE-17
ZD930	EYD40752	ZD SMD UDZS7.5BTE-17
ZD9A4	EYD41802	ZD SMD UDZS18BTE-17
ZDA01	EJK00131	DI SMD DF5A6.2F(TE)
ZDA11	EJK00131	DI SMD DF5A6.2F(TE)

SYMBOL	Part No for NPG	DESCRIPTION
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*** TRANSFORMERS ***

T901	HE100121	TRANS SWITCH ST-1102A
T9A1	HE100131	TRANS SWITCH L2.3MH

*** RELAYS & SWITCHES ***

SW901	JC100020	SW SEESAW SDDJE14500
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*** PWB ASSYS ***

MANSAS	AM0EV1ML	MAIN INSERT ASSY
PWNSAS	AP0EV1ML	POWER INSERT ASSY
XJM01	JM100131	INVERTER UNIT L202EV

*** COILS & FILTERS ***

FL203	HAB00207	L SMD NFM60R30T222T1
FL2M1	HAB00207	L SMD NFM60R30T222T1
FL901	HA100152	L LINE FILTER LFZ28H05
L115	HM011811	L BEAD SMD BK1608LM252-T
L116	HM011811	L BEAD SMD BK1608LM252-T
L117	HM011811	L BEAD SMD BK1608LM252-T
L118	HM011811	L BEAD SMD BK1608LM252-T
L119	HM011811	L BEAD SMD BK1608LM252-T
L120	HM011811	L BEAD SMD BK1608LM252-T
L121	HM011811	L BEAD SMD BK1608LM252-T
L122	HM011811	L BEAD SMD BK1608LM252-T
L123	HM011811	L BEAD SMD BK1608LM252-T
L125	HM011811	L BEAD SMD BK1608LM252-T
L221	HM019281	L BEAD SMD FBMH3216HM501N
L222	HM019281	L BEAD SMD FBMH3216HM501N
L223	HAB00109	L SMD SLF10145T-101M1R0-P
L261	HM019281	L BEAD SMD FBMH3216HM501N
L262	HM019321	L BEAD SMD FBMH4525HM102N
L263	HM019281	L BEAD SMD FBMH3216HM501N
L271	HM019281	L BEAD SMD FBMH3216HM501N
L272	HM019281	L BEAD SMD FBMH3216HM501N
L2A1	HAB00109	L SMD SLF10145T-101M1R0-P
L2A2	HM019281	L BEAD SMD FBMH3216HM501N
L2M1	HAB00090	L SMD SLF12565T-101M1R6
L405	HM019281	L BEAD SMD FBMH3216HM501N
L406	HM019281	L BEAD SMD FBMH3216HM501N
L451	HM011811	L BEAD SMD BK1608LM252-T
L452	HM011651	L BEAD SMD BK1608HS800-T
L453	HM011651	L BEAD SMD BK1608HS800-T
L454	HM011811	L BEAD SMD BK1608LM252-T
L459	HM011811	L BEAD SMD BK1608LM252-T
L4A1	HM011811	L BEAD SMD BK1608LM252-T
L4A2	HM019281	L BEAD SMD FBMH3216HM501N
L4A3	HM019281	L BEAD SMD FBMH3216HM501N

SYMBOL	Part No for NPG	DESCRIPTION
L4A4	HM020011	L BEAD SMD BKP1608HS330-T
L4A5	HM020011	L BEAD SMD BKP1608HS330-T
L551	HM011681	L BEAD SMD BK1608HS601-T
L552	HM011681	L BEAD SMD BK1608HS601-T
L553	HM011681	L BEAD SMD BK1608HS601-T
L561	HM011681	L BEAD SMD BK1608HS601-T
L562	HM011681	L BEAD SMD BK1608HS601-T
L563	HM011681	L BEAD SMD BK1608HS601-T
L951	HA200251	L SBC7-100-532
L9A1	HAB00233	L SMD LEMC3225T101K
L9E1	HA200206	L CHOKE TSL1112RA-100M3R7
L9X1	HA200181	L PFC COIL 77A-2702
L9X2	HA200191	L CHOKE 72U2A SF1-T8-50S-
LAA3	HM020011	L BEAD SMD BKP1608HS330-T
LAA4	HM020011	L BEAD SMD BKP1608HS330-T
LAA5	HM020011	L BEAD SMD BKP1608HS330-T
LAA6	HM020011	L BEAD SMD BKP1608HS330-T
LAA7	HM020011	L BEAD SMD BKP1608HS330-T
LAH1	HM020011	L BEAD SMD BKP1608HS330-T
LAH2	HM020011	L BEAD SMD BKP1608HS330-T
LAN1	HM020011	L BEAD SMD BKP1608HS330-T
LAN2	HM020011	L BEAD SMD BKP1608HS330-T

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

CN951	RC200341	WIRE CB14P 1007#26L100
F901	JA460011	FUSE SG5013 3.15 PF 250V
OSC4A1	EM2K0061	OSC SMD IC 55MHZ
TH901	FD200021	NTCR 10D2-10LC
VD901	FD300018	VARISTOR ENE471D-10A
X402	EM1K0061	OSC SMD XTAL 14.31818MHZ
X7A01	RC200351	WIRE CC30P 1516#30L250
X7A02	RC200361	WIRE CB13P 1007#26L70
X801	EM2K0041	OSC SMD CSTCR7M37G53-R0
XDJM02	JM100121	CABLE BUTTON BLK
XDRE03	RE010221	CABLE VI DVID-DVID 2M BK
XDRE04	RE010231	CABLE VI DVID-DSUB 2M BK
XDRG04	RG031081	PW CORD EU 1.95M BLK I-SH
XJG01	3A684034	LCD LM201U03 LGPHILIPS
(For NMV Part)		

*** APPEARANCE PARTS ***

BAAS	10104401	BACK ASSY,L202EV(BK,N)
BE	10104371	BEZEL,L202EV(BK,N)
BRBAAS	12301211	BRACKET BASE ASSY,L202EV
CVCA	11002241	COVER CABLE,L202EV(BK)
STCV	11002221	STAND COVER TB,L202EV(BK)
STUN	11002201	STAND UNIT,L202EV(BK)

SYMBOL	Part No for NPG	DESCRIPTION
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*** PRINTED & PACKING MATERIALS ***

CABX	13202981	CARTON BOX,L202EV(B)
CASH	15800231	CAUTION SHEET
CASHL	13203011	CARTON SHEET,L202EV
CD	19700391	CD PIVOT,NEC(A,B)
FLB	13401271	FILLER B,L202EV
FLC	13401281	FILLER C,L202EV
FLT	13401261	FILLER T,L202EV
LVSH	15800581	LVIEW SHEET
MANU	15501841	MANUAL,L202EV(B)
NAFL	15900251	NAISET CARTON BOX FLYER
PABAG	13700521	PACKING BAG(BK)
PEBAG	13700251	PE BAG (340*225)
PROTE	13700531	PROTECTION SHEET
RALA	15002621	RATING LABEL,L202EV(BK)
SAFFLS	15900056	SALES OFFICE LIST
SHSE	15800561	SHEET SETUP,L202EV(B)

*** RESISTORS ***

J921	FM110000	R SMD 1/4W(T) 5% 0
J923	FM110000	R SMD 1/4W(T) 5% 0
J924	FM110000	R SMD 1/4W(T) 5% 0
J925	FM110000	R SMD 1/4W(T) 5% 0
J926	FM110000	R SMD 1/4W(T) 5% 0
J927	FM110000	R SMD 1/4W(T) 5% 0
J928	FM110000	R SMD 1/4W(T) 5% 0
J929	FM110000	R SMD 1/4W(T) 5% 0
J930	FX500000	R SMD METAL 1/4W 0 JUMPER
J940	FM110000	R SMD 1/4W(T) 5% 0
J961	FM110000	R SMD 1/4W(T) 5% 0
J962	FM110000	R SMD 1/4W(T) 5% 0
MR401	FPA03231	R NET SMD 1/16W 150 J
MR402	FPA03231	R NET SMD 1/16W 150 J
MR403	FPA03231	R NET SMD 1/16W 150 J
MR404	FPA03231	R NET SMD 1/16W 150 J
MR405	FPA03231	R NET SMD 1/16W 150 J
MR406	FPA03231	R NET SMD 1/16W 150 J
MR407	FPA03231	R NET SMD 1/16W 150 J
MR408	FPA03231	R NET SMD 1/16W 150 J
MR409	FPA03231	R NET SMD 1/16W 150 J
MR410	FPA03231	R NET SMD 1/16W 150 J
MR411	FPA03231	R NET SMD 1/16W 150 J
MR412	FPA03231	R NET SMD 1/16W 150 J
MR4G1	FPA01071	R NET SMD 1/16W 33 J
MR4G3	FPA01071	R NET SMD 1/16W 33 J
MR4G5	FPA01071	R NET SMD 1/16W 33 J
MR4G7	FPA01071	R NET SMD 1/16W 33 J
MR4G9	FPA01071	R NET SMD 1/16W 33 J
MR4H1	FPA01071	R NET SMD 1/16W 33 J
MRA01	FPA01131	R NET SMD 1/16W 100 J

SYMBOL	Part No for NPG	DESCRIPTION
MRA03	FPA01131	R NET SMD 1/16W 100 J
MRA05	FPA01131	R NET SMD 1/16W 100 J
MRA07	FPA01131	R NET SMD 1/16W 100 J
MRA09	FPA01131	R NET SMD 1/16W 100 J
MRA11	FPA01131	R NET SMD 1/16W 100 J
MRK01	FPA01071	R NET SMD 1/16W 33 J
MRK03	FPA01071	R NET SMD 1/16W 33 J
MRK05	FPA01071	R NET SMD 1/16W 33 J
MRK07	FPA01071	R NET SMD 1/16W 33 J
MRK09	FPA01071	R NET SMD 1/16W 33 J
MRK11	FPA01071	R NET SMD 1/16W 33 J
MRK13	FPA01071	R NET SMD 1/16W 33 J
MRK15	FPA01071	R NET SMD 1/16W 33 J
MRK17	FPA01071	R NET SMD 1/16W 33 J
MRK19	FPA01071	R NET SMD 1/16W 33 J
MRK21	FPA01071	R NET SMD 1/16W 33 J
MRK23	FPA01071	R NET SMD 1/16W 33 J
R101	FM010472	CHIP RES 1/10W(T) 5% 4.7K
R102	FM010472	CHIP RES 1/10W(T) 5% 4.7K
R103	FN011800	R SMD 1/10W(T) 1% 180
R105	FM010472	CHIP RES 1/10W(T) 5% 4.7K
R106	FM010472	CHIP RES 1/10W(T) 5% 4.7K
R107	FN011800	R SMD 1/10W(T) 1% 180
R117	FM100102	CHIP 1/8W(T) 5% 1K
R118	FM100102	CHIP 1/8W(T) 5% 1K
R119	FM100102	CHIP 1/8W(T) 5% 1K
R120	FM100102	CHIP 1/8W(T) 5% 1K
R121	FM100102	CHIP 1/8W(T) 5% 1K
R122	FM100102	CHIP 1/8W(T) 5% 1K
R123	FM100102	CHIP 1/8W(T) 5% 1K
R125	FM100102	CHIP 1/8W(T) 5% 1K
R151	FN011501	R SMD METAL 1/10W 1.5K F
R152	FM010272	R SMD METAL 1/10W 2.7K J
R153	FM010103	CHIP RES 1/10W(T) 5% 10KO
R154	FM010272	R SMD METAL 1/10W 2.7K J
R155	FM010560	CHIP RES 1/10W(T) 5% 56OH
R156	FM010824	R SMD METAL 1/10W 820K J
R157	FM010103	CHIP RES 1/10W(T) 5% 10KO
R158	FM010563	R SMD METAL 1/10W 56K J T
R159	FM010103	CHIP RES 1/10W(T) 5% 10KO
R15A	FM010103	CHIP RES 1/10W(T) 5% 10KO
R15E	FM010103	CHIP RES 1/10W(T) 5% 10KO
R15F	FM010102	CHIP RES 1/10W (T) 5% 1KO
R15L	FM010102	CHIP RES 1/10W (T) 5% 1KO
R201	FM010102	CHIP RES 1/10W (T) 5% 1KO
R202	FN015602	R SMD METAL 1/10W 56K F
R203	FN013302	R SMD 1/10W(T) 1% 33K
R221	FN011801	CHIP RES 1/10W(T) 1% 1.8K

SYMBOL	Part No for NPG	DESCRIPTION
R222	FN012702	R SMD 1/10W(T) 1% 27K
R223	FN011201	R SMD METAL 1/10W 1.2K F
R224	FN013002	R SMD METAL 1/10W 30K F
R225	FM010102	CHIP RES 1/10W (T) 5% 1KO
R226	FM010102	CHIP RES 1/10W (T) 5% 1KO
R261	FM010333	R SMD 1/10W(T) 5% 33K
R262	FM010333	R SMD 1/10W(T) 5% 33K
R266	FN011503	CHIP RES 1/10W(T) 1% 150K
R267	FN013302	R SMD 1/10W(T) 1% 33K
R268	FX300681	R SMD METAL 1/2W 680 J
R269	FX300681	R SMD METAL 1/2W 680 J
R26A	FM010102	CHIP RES 1/10W (T) 5% 1KO
R271	FM010222	CHIP RES 1/10W(T) 5% 2.2K
R272	FM010562	R SMD METAL 1/10W 5.6K J
R273	FN015602	R SMD METAL 1/10W 56K F
R274	FN013302	R SMD 1/10W(T) 1% 33K
R274A	FN012201	CHIP RES 1/10W(T) 1% 2.2K
R275	FM010332	CHIP RES 1/10W(T) 5% 3.3K
R276	FN013302	R SMD 1/10W(T) 1% 33K
R277	FN013302	R SMD 1/10W(T) 1% 33K
R277A	FN011201	R SMD METAL 1/10W 1.2K F
R278	FM010103	CHIP RES 1/10W(T) 5% 10KO
R2A1	FM010560	CHIP RES 1/10W(T) 5% 56OH
R2A2	FM010560	CHIP RES 1/10W(T) 5% 56OH
R2A3	FN013900	R SMD METAL 1/10W 390 F
R2A4	FN011001	CHIP RES 1/10W(T) 1% 1KOH
R2A5	FN018201	R SMD METAL 1/10W 8.2K F
R2A7	FM010102	CHIP RES 1/10W (T) 5% 1KO
R2M1	FN014701	CHIP RES 1/10W(T) 1% 4.7K
R2M2	FN012202	R SMD METAL 1/10W 22K F
R2M3	FN011201	R SMD METAL 1/10W 1.2K F
R2M4	FN014701	CHIP RES 1/10W(T) 1% 4.7K
R2M5	FN018209	R SMD METAL 1/10W 82 F
R402	FN016209	R SMD METAL 1/10W 62 F
R403	FM010000	CHIP RES 1/10W(T) 5% 0OHM
R405	FM010000	CHIP RES 1/10W(T) 5% 0OHM
R409	FM010102	CHIP RES 1/10W (T) 5% 1KO
R412	FM010560	CHIP RES 1/10W(T) 5% 56OH
R415	FM010102	CHIP RES 1/10W (T) 5% 1KO
R416	FM010473	CHIP 1/10W(T) 5% 47K
R418	FM010000	CHIP RES 1/10W(T) 5% 0OHM
R422	FM010000	CHIP RES 1/10W(T) 5% 0OHM
R429	FM010101	CHIP RES 1/10W(T) 5% 100O
R430	FM010101	CHIP RES 1/10W(T) 5% 100O
R433	FM010560	CHIP RES 1/10W(T) 5% 56OH
R435	FM010560	CHIP RES 1/10W(T) 5% 56OH
R449	FM010222	CHIP RES 1/10W(T) 5% 2.2K
R451	FM010332	CHIP RES 1/10W(T) 5% 3.3K

SYMBOL	Part No for NPG	DESCRIPTION
R452	FM010332	CHIP RES 1/10W(T) 5% 3.3K
R453	FM010103	CHIP RES 1/10W(T) 5% 10KO
R454	FM010473	CHIP 1/10W(T) 5% 47K
R455	FM010102	CHIP RES 1/10W (T) 5% 1KO
R456	FM010101	CHIP RES 1/10W(T) 5% 100O
R457	FM010102	CHIP RES 1/10W (T) 5% 1KO
R458	FM010473	CHIP 1/10W(T) 5% 47K
R459	FM010473	CHIP 1/10W(T) 5% 47K
R45E	FM010103	CHIP RES 1/10W(T) 5% 10KO
R45K	FM010103	CHIP RES 1/10W(T) 5% 10KO
R45P	FM010101	CHIP RES 1/10W(T) 5% 100O
R45T	FM010101	CHIP RES 1/10W(T) 5% 100O
R463	FM010103	CHIP RES 1/10W(T) 5% 10KO
R464	FM010103	CHIP RES 1/10W(T) 5% 10KO
R465	FM010101	CHIP RES 1/10W(T) 5% 100O
R466	FM010101	CHIP RES 1/10W(T) 5% 100O
R467	FM010101	CHIP RES 1/10W(T) 5% 100O
R468	FM010101	CHIP RES 1/10W(T) 5% 100O
R470	FM010102	CHIP RES 1/10W (T) 5% 1KO
R4A2	FM010560	CHIP RES 1/10W(T) 5% 56OH
R4A3	FM010330	R SMD 1/10W(T) 5% 33
R4A4	FM010330	R SMD 1/10W(T) 5% 33
R4A5	FM010330	R SMD 1/10W(T) 5% 33
R4A6	FM010330	R SMD 1/10W(T) 5% 33
R4A7	FM010330	R SMD 1/10W(T) 5% 33
R4A8	FM010330	R SMD 1/10W(T) 5% 33
R4A9	FM010330	R SMD 1/10W(T) 5% 33
R4AK	FM010330	R SMD 1/10W(T) 5% 33
R4AL	FM010330	R SMD 1/10W(T) 5% 33
R4AM	FM010330	R SMD 1/10W(T) 5% 33
R4AN	FM010330	R SMD 1/10W(T) 5% 33
R4AP	FM010330	R SMD 1/10W(T) 5% 33
R4AT	FM010330	R SMD 1/10W(T) 5% 33
R4E0	FM010330	R SMD 1/10W(T) 5% 33
R4E1	FM010330	R SMD 1/10W(T) 5% 33
R4E2	FM010330	R SMD 1/10W(T) 5% 33
R4E3	FM010330	R SMD 1/10W(T) 5% 33
R4E4	FM010330	R SMD 1/10W(T) 5% 33
R4E5	FM010101	CHIP RES 1/10W(T) 5% 100O
R4E6	FM010101	CHIP RES 1/10W(T) 5% 100O
R4E7	FM010101	CHIP RES 1/10W(T) 5% 100O
R4E8	FM010101	CHIP RES 1/10W(T) 5% 100O
R4E9	FM010101	CHIP RES 1/10W(T) 5% 100O
R4EA	FM010103	CHIP RES 1/10W(T) 5% 10KO
R550	FM110512	R SMD METAL 1/4W 5.1K J T
R801	FM010223	CHIP RES 1/10W(T) 5% 22KO
R802	FM010103	CHIP RES 1/10W(T) 5% 10KO
R803	FN012702	R SMD 1/10W(T) 1% 27K

SYMBOL	Part No for NPG	DESCRIPTION
R805	FN012402	R SMD METAL 1/10W 24K F
R806	FM010473	CHIP 1/10W(T) 5% 47K
R807	FM010103	CHIP RES 1/10W(T) 5% 10KO
R808	FM010103	CHIP RES 1/10W(T) 5% 10KO
R809	FM010103	CHIP RES 1/10W(T) 5% 10KO
R811	FM010101	CHIP RES 1/10W(T) 5% 100O
R812	FM010101	CHIP RES 1/10W(T) 5% 100O
R813	FM010330	R SMD 1/10W(T) 5% 33
R814	FM010330	R SMD 1/10W(T) 5% 33
R815	FM010330	R SMD 1/10W(T) 5% 33
R816	FM010330	R SMD 1/10W(T) 5% 33
R818	FM010330	R SMD 1/10W(T) 5% 33
R819	FM010330	R SMD 1/10W(T) 5% 33
R820	FM010330	R SMD 1/10W(T) 5% 33
R821	FM010101	CHIP RES 1/10W(T) 5% 100O
R822	FM010101	CHIP RES 1/10W(T) 5% 100O
R823	FM010101	CHIP RES 1/10W(T) 5% 100O
R826	FM010101	CHIP RES 1/10W(T) 5% 100O
R827	FM010101	CHIP RES 1/10W(T) 5% 100O
R828	FM010473	CHIP 1/10W(T) 5% 47K
R829	FM010473	CHIP 1/10W(T) 5% 47K
R830	FM010473	CHIP 1/10W(T) 5% 47K
R831	FM010101	CHIP RES 1/10W(T) 5% 100O
R832	FM010101	CHIP RES 1/10W(T) 5% 100O
R833	FM010101	CHIP RES 1/10W(T) 5% 100O
R834	FM010473	CHIP 1/10W(T) 5% 47K
R838	FM010330	R SMD 1/10W(T) 5% 33
R839	FM010101	CHIP RES 1/10W(T) 5% 100O
R840	FM010101	CHIP RES 1/10W(T) 5% 100O
R841	FM010101	CHIP RES 1/10W(T) 5% 100O
R842	FM010473	CHIP 1/10W(T) 5% 47K
R844	FM010473	CHIP 1/10W(T) 5% 47K
R845	FM010473	CHIP 1/10W(T) 5% 47K
R846	FM010223	CHIP RES 1/10W(T) 5% 22KO
R849	FN011802	R SMD METAL 1/10W 18K F
R850	FN012203	R SMD 1/10W(T) 1% 220K
R883	FM010223	CHIP RES 1/10W(T) 5% 22KO
R885	FM010223	CHIP RES 1/10W(T) 5% 22KO
R886	FM010223	CHIP RES 1/10W(T) 5% 22KO
R887	FM010223	CHIP RES 1/10W(T) 5% 22KO
R889	FM010223	CHIP RES 1/10W(T) 5% 22KO
R890	FM010223	CHIP RES 1/10W(T) 5% 22KO
R891	FM010223	CHIP RES 1/10W(T) 5% 22KO
R8A2	FX410330	R SMD METAL 1W 33 J
R8A4	FM010101	CHIP RES 1/10W(T) 5% 100O
R8A5	FM010101	CHIP RES 1/10W(T) 5% 100O
R8A6	FM010473	CHIP 1/10W(T) 5% 47K
R8A7	FM010473	CHIP 1/10W(T) 5% 47K

SYMBOL	Part No for NPG	DESCRIPTION
R8AA	FM010473	CHIP 1/10W(T) 5% 47K
R8AE	FM010473	CHIP 1/10W(T) 5% 47K
R8AL	FM010473	CHIP 1/10W(T) 5% 47K
R8AX	FM010473	CHIP 1/10W(T) 5% 47K
R8AY	FM010473	CHIP 1/10W(T) 5% 47K
R8E1	FM010473	CHIP 1/10W(T) 5% 47K
R8E7	FM010473	CHIP 1/10W(T) 5% 47K
R8E8	FM010473	CHIP 1/10W(T) 5% 47K
R8E9	FM010473	CHIP 1/10W(T) 5% 47K
R8EA	FM010473	CHIP 1/10W(T) 5% 47K
R8EF	FM010473	CHIP 1/10W(T) 5% 47K
R8F2	FX410330	R SMD METAL 1W 33 J
R8F3	FM010103	CHIP RES 1/10W(T) 5% 10KO
R8F4	FM010101	CHIP RES 1/10W(T) 5% 100O
R8F5	FM010101	CHIP RES 1/10W(T) 5% 100O
R8F6	FM010473	CHIP 1/10W(T) 5% 47K
R8F7	FM010473	CHIP 1/10W(T) 5% 47K
R8FX	FM010473	CHIP 1/10W(T) 5% 47K
R8FY	FM010473	CHIP 1/10W(T) 5% 47K
R8G2	FX410330	R SMD METAL 1W 33 J
R8G3	FM010103	CHIP RES 1/10W(T) 5% 10KO
R8G4	FM010101	CHIP RES 1/10W(T) 5% 100O
R8G5	FM010101	CHIP RES 1/10W(T) 5% 100O
R901	FM110474	R SMD METAL 1/4W 470K J T
R902	FM110474	R SMD METAL 1/4W 470K J T
R903	FM110474	R SMD METAL 1/4W 470K J T
R904	FM110105	R SMD METAL 1/4W 1M J
R905	FM110105	R SMD METAL 1/4W 1M J
R906	FM110105	R SMD METAL 1/4W 1M J
R907	FJ560104	R MOF 2W/M 100K J (A)
R908	FM510222	R SMD METAL 1/3W 2.2K J T
R909	FJ560338	R MOF 2W/M 0.33 J(A)
R910	FM100223	CHIP 1/8W(T) 5% 22K
R911	FN104708	R SMD METAL 1/8W 4.7 F T
R912	FN111002	R SMD METAL 1/4W 10K F T
R913	FN106800	R SMD METAL 1/8W 680 F T
R914	FM100104	CHIP RES 1/8W(T) 5% 100KO
R915	FA270569	R CARBON 1/4W 5.6 J M T
R916	FM100221	CHIP 1/8W(T) 5% 220H
R917	FM100471	R SMD 1/8W(T) 5% 470
R918	FM100101	CHIP 1/8W(T) 5% 100H
R920	FM100103	CHIP 1/8W(T) 5% 10K
R921	FM100333	CHIP 1/8W(T) 5% 33K
R922	FM110333	R SMD METAL 1/4W 33K J T
R923	FM100103	CHIP 1/8W(T) 5% 10K
R924	FM100103	CHIP 1/8W(T) 5% 10K
R925	FM100333	CHIP 1/8W(T) 5% 33K
R926	FN109101	R SMD METAL 1/8W 9.1K F T

SYMBOL	Part No for NPG	DESCRIPTION
R927	FM100104	CHIP RES 1/8W(T) 5% 100KO
R928	FN101002	CHIP 1/8W(T) 1% 10K
R929	FM100103	CHIP 1/8W(T) 5% 10K
R931	FM100223	CHIP 1/8W(T) 5% 22K
R933	FM100104	CHIP RES 1/8W(T) 5% 100KO
R934	FM100103	CHIP 1/8W(T) 5% 10K
R935	FM110105	R SMD METAL 1/4W 1M J
R936	FM110105	R SMD METAL 1/4W 1M J
R937	FM110105	R SMD METAL 1/4W 1M J
R951	FM100122	RES SMD 1/8W(T) 5% 1.2KOH
R952	FN107501	R SMD 1/8W(T) 1% 7.5K
R953	FN106201	CHIP 1/8W(T) 1% 6.2K
R954	FN102201	CHIP RES 1/8W (T) 1% 2.2K
R955	FM100000	CHIP 1/8W(T) 5% 0 H
R956	FM100102	CHIP 1/8W(T) 5% 1K
R9A2	FJ470473	R MOF 1W/M 47K J(A)
R9A3	FM100270	CHIP RES 1/8W(T) 5% 27OHM
R9A4	FM110102	R SMD METAL 1/4W 1.0K J T
R9A5	FM100392	CHIP 1/8W(T) 5% 3.9K
R9A6	FM100000	CHIP 1/8W(T) 5% 0 H
R9A7	FM100103	CHIP 1/8W(T) 5% 10K
R9A8	FM110101	R SMD METAL 1/4W 100 J T
R9E1	FM100101	CHIP 1/8W(T) 5% 100H
R9E2	FN101001	R SMD 1/8W(T) 1% 1K
R9E3	FM100220	R SMD 1/8W(T) 5% 22
R9E4	FN101001	R SMD 1/8W(T) 1% 1K
R9E6	FM100000	CHIP 1/8W(T) 5% 0 H
R9E7	FM100392	CHIP 1/8W(T) 5% 3.9K
R9X1	FM110225	R SMD METAL 1/4W 2.2M J T
R9X2	FM110225	R SMD METAL 1/4W 2.2M J T
R9X4	FM100333	CHIP 1/8W(T) 5% 33K
R9X5	FN117503	R SMD METAL 1/4W 750K F
R9X6	FN117503	R SMD METAL 1/4W 750K F
R9X7	FN116803	R SMD METAL 1/4W 680K F
R9X8	FN102202	CHIP 1/8W(T) 1% 22K
R9X9	FM110223	R SMD METAL 1/4W 22K J T
R9Y1	FM100102	CHIP 1/8W(T) 5% 1K
R9Y2	FM100101	CHIP 1/8W(T) 5% 100H
R9Y3	FJ560338	R MOF 2W/M 0.33 J(A)
RA03	FM010330	R SMD 1/10W(T) 5% 33
RA04	FM010330	R SMD 1/10W(T) 5% 33
RA05	FM010330	R SMD 1/10W(T) 5% 33
RA06	FM010330	R SMD 1/10W(T) 5% 33
RA07	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RA08	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RA11	FM010100	R SMD 1/10W(T) 5% 10
RA12	FM010100	R SMD 1/10W(T) 5% 10
RA19	FM010330	R SMD 1/10W(T) 5% 33

SYMBOL	Part No for NPG	DESCRIPTION
RA20	FM010330	R SMD 1/10W(T) 5% 33
RA21	FM010330	R SMD 1/10W(T) 5% 33
RA22	FM010330	R SMD 1/10W(T) 5% 33
RA23	FM010330	R SMD 1/10W(T) 5% 33
RA24	FM010330	R SMD 1/10W(T) 5% 33
RA27	FM010101	CHIP RES 1/10W(T) 5% 100O
RA28	FM010101	CHIP RES 1/10W(T) 5% 100O
RA29	FM010101	CHIP RES 1/10W(T) 5% 100O
RA30	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA34	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA37	FM010330	R SMD 1/10W(T) 5% 33
RA43	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA44	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA4A	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA4E	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA70A	FM010223	CHIP RES 1/10W(T) 5% 22KO
RA70B	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA70G	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA70R	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA71A	FM010101	CHIP RES 1/10W(T) 5% 100O
RA71B	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA71G	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA71R	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA72A	FM010331	R CHIP 1/10W(T) 5% 330
RA72B	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA72G	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA72R	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA73A	FM010272	R SMD METAL 1/10W 2.7K J
RA73B	FM010101	CHIP RES 1/10W(T) 5% 100O
RA73G	FM010101	CHIP RES 1/10W(T) 5% 100O
RA73R	FM010101	CHIP RES 1/10W(T) 5% 100O
RA74A	FN012200	CHIP RES 1/10W(T) 1% 220O
RA74B	FM010331	R CHIP 1/10W(T) 5% 330
RA74G	FM010331	R CHIP 1/10W(T) 5% 330
RA74R	FM010331	R CHIP 1/10W(T) 5% 330
RA75A	FN015100	R SMD METAL 1/10W 510 F
RA75B	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA75G	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA75R	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA76A	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA76B	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA76G	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA76R	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA77A	FM010821	R SMD METAL 1/10W 820 J T
RA77B	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA77G	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA77R	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA78A	FM010272	R SMD METAL 1/10W 2.7K J

SYMBOL	Part No for NPG	DESCRIPTION
RA78B	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA78G	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA78R	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA79A	FM010101	CHIP RES 1/10W(T) 5% 100O
RA79B	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA79G	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA79R	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA7AA	FM010101	CHIP RES 1/10W(T) 5% 100O
RA7AB	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA7AG	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA7AR	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA7EA	FM010332	CHIP RES 1/10W(T) 5% 3.3K
RA7HB	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA7HG	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA7HR	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA7LA	FM010000	CHIP RES 1/10W(T) 5% 0OHM
RA80B	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA80G	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA80R	FN017509	CHIP RES 1/10W(T) 1% 75OH
RA81B	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA81G	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA81R	FM010103	CHIP RES 1/10W(T) 5% 10KO
RA82A	FM010331	R CHIP 1/10W(T) 5% 33O
RA82B	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA82G	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA82R	FM010153	CHIP RES 1/10W(T) 5% 15KO
RA83	FM010330	R SMD 1/10W(T) 5% 33
RA83A	FM010272	R SMD METAL 1/10W 2.7K J
RA83B	FM010101	CHIP RES 1/10W(T) 5% 100O
RA83G	FM010101	CHIP RES 1/10W(T) 5% 100O
RA83R	FM010101	CHIP RES 1/10W(T) 5% 100O
RA84	FM010330	R SMD 1/10W(T) 5% 33
RA84A	FN012200	CHIP RES 1/10W(T) 1% 220O
RA84B	FM010331	R CHIP 1/10W(T) 5% 33O
RA84G	FM010331	R CHIP 1/10W(T) 5% 33O
RA84R	FM010331	R CHIP 1/10W(T) 5% 33O
RA85A	FN015100	R SMD METAL 1/10W 51O F
RA85B	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA85G	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA85R	FM010470	CHIP RES 1/10W(T) 5% 47OH
RA86	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RA86A	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA86B	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA86G	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA86R	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA87	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RA87A	FM010821	R SMD METAL 1/10W 82O J T
RA87B	FM010102	CHIP RES 1/10W (T) 5% 1KO

SYMBOL	Part No for NPG	DESCRIPTION
RA87G	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA87R	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA88A	FM010272	R SMD METAL 1/10W 2.7K J
RA88B	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA88G	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA88R	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA89A	FM010101	CHIP RES 1/10W(T) 5% 100O
RA89B	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA89G	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA89R	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA8AA	FM010101	CHIP RES 1/10W(T) 5% 100O
RA8AB	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA8AG	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA8AR	FM010472	CHIP RES 1/10W(T) 5% 4.7K
RA8EA	FM010332	CHIP RES 1/10W(T) 5% 3.3K
RA8HB	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA8HG	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA8HR	FM010102	CHIP RES 1/10W (T) 5% 1KO
RA8KA	FM010272	R SMD METAL 1/10W 2.7K J
RA8LA	FM010000	CHIP RES 1/10W(T) 5% 0OHM
RAA3	FM010471	CHIP 1/10W(T) 5% 470H
RAA4	FM010222	CHIP RES 1/10W(T) 5% 2.2K
RAA5	FM010682	R SMD 1/10W(T) 5% 6.8K
RAA6	FM010223	CHIP RES 1/10W(T) 5% 22KO
RAE3	FM010180	R SMD METAL 1/10W 18 J T
RAE4	FM010330	R SMD 1/10W(T) 5% 33
RAE5	FM010330	R SMD 1/10W(T) 5% 33
RAE6	FM010330	R SMD 1/10W(T) 5% 33
RAFH	FM010100	R SMD 1/10W(T) 5% 10
RAFK	FM010100	R SMD 1/10W(T) 5% 10
RAH1	FM010184	R SMD METAL 1/10W 180K J
RAH2	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAH3	FM010151	CHIP 1/10W(T) 5% 150H
RAH5	FM010184	R SMD METAL 1/10W 180K J
RAH6	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAH7	FM010151	CHIP 1/10W(T) 5% 150H
RAM1	FM010103	CHIP RES 1/10W(T) 5% 10KO
RAM2	FM010103	CHIP RES 1/10W(T) 5% 10KO
RAM3	FM010183	R SMD METAL 1/10W 18K J T
RAM4	FM010183	R SMD METAL 1/10W 18K J T
RAM5	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAM6	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAM7	FM010272	R SMD METAL 1/10W 2.7K J
RAM8	FM010272	R SMD METAL 1/10W 2.7K J
RAN1	FM010470	CHIP RES 1/10W(T) 5% 47OH
RAN2	FM010470	CHIP RES 1/10W(T) 5% 47OH
RAN3	FM010683	CHIP RES 1/10W(T) 5% 68K
RAN4	FM010683	CHIP RES 1/10W(T) 5% 68K

SYMBOL	Part No for NPG	DESCRIPTION
RAN5	FM010184	R SMD METAL 1/10W 180K J
RAN6	FM010184	R SMD METAL 1/10W 180K J
RAN7	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAN8	FM010102	CHIP RES 1/10W (T) 5% 1KO
RAN9	FM010101	CHIP RES 1/10W(T) 5% 100O
RANA	FM010101	CHIP RES 1/10W(T) 5% 100O
RK01	FM010391	R SMD METAL 1/10W 390 J T
RK07	FM010560	CHIP RES 1/10W(T) 5% 56OH
RK08	FM010330	R SMD 1/10W(T) 5% 33
RK09	FM010473	CHIP 1/10W(T) 5% 47K
RK0A	FM010473	CHIP 1/10W(T) 5% 47K
RK10	FM010473	CHIP 1/10W(T) 5% 47K
RK11	FM010000	CHIP RES 1/10W(T) 5% 0OHM
RK16	FM010391	R SMD METAL 1/10W 390 J T
RK22	FM010560	CHIP RES 1/10W(T) 5% 56OH
RK23	FM010330	R SMD 1/10W(T) 5% 33
RK24	FM010473	CHIP 1/10W(T) 5% 47K
RK25	FM010473	CHIP 1/10W(T) 5% 47K
RK26	FM010000	CHIP RES 1/10W(T) 5% 0OHM
RK2A	FM010473	CHIP 1/10W(T) 5% 47K
RK2E	FM010473	CHIP 1/10W(T) 5% 47K
RKAE	FM010473	CHIP 1/10W(T) 5% 47K
RKF1	FN015100	R SMD METAL 1/10W 510 F
RKF2	FN015100	R SMD METAL 1/10W 510 F
RKF6	FN012701	R SMD METAL 1/10W 2.7K F
RKF7	FM010101	CHIP RES 1/10W(T) 5% 100O
RKF8	FM010473	CHIP 1/10W(T) 5% 47K
RKF9	FM010101	CHIP RES 1/10W(T) 5% 100O

*** CAPACITORS ***

C151	GX439157	C SMD CER CH 390P 50V J
C152	GX41050X	C SMD CER BJ 1U 6.3V K
C153	GN247538	C SMD ELE105 4.7U 25V M
C154	GX41051Y	C SMD CER BJ 1U 10V M
C15A	GX01060Y	C SMD CER BJ 10U 6.3V M
C201	GX12260Y	C SMD CER BJ 22U 6.3V M
C221	GNH10710	C SMD ELE105 100U 10V M
C222	GX01060Y	C SMD CER BJ 10U 6.3V M
C223	GNM33728	C SMD ELE105 330U 16V M
C224	GN210624	C SMD ELE105 10U 16V M
C225	GX410439	C SMD CER F 0.1U 25V Z
C226	GX410439	C SMD CER F 0.1U 25V Z
C22E	GX410439	C SMD CER F 0.1U 25V Z
C22F	GX42250Y	C SMD CER BJ 2.2U 6.3V M
C261	GX410439	C SMD CER F 0.1U 25V Z
C263	GN210624	C SMD ELE105 10U 16V M
C265	GX410439	C SMD CER F 0.1U 25V Z
C26A	GX410439	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NPG	DESCRIPTION
C271	GX12260Y	C SMD CER BJ 22U 6.3V M
C273	GX410439	C SMD CER F 0.1U 25V Z
C274	GX410439	C SMD CER F 0.1U 25V Z
C275	GX410439	C SMD CER F 0.1U 25V Z
C276	GX410439	C SMD CER F 0.1U 25V Z
C277	GX01060Y	C SMD CER BJ 10U 6.3V M
C278	GX01060Y	C SMD CER BJ 10U 6.3V M
C27E	GX41050X	C SMD CER BJ 1U 6.3V K
C281	GX12260Y	C SMD CER BJ 22U 6.3V M
C2A2	GX410439	C SMD CER F 0.1U 25V Z
C2A3	GX410439	C SMD CER F 0.1U 25V Z
C2A4	GNH22630	C SMD ELE105 22U 25V M
C2A5	GNM33728	C SMD ELE105 330U 16V M
C2E1	GX410439	C SMD CER F 0.1U 25V Z
C2M1	GNJ10730	C SMD ELE105 100U 25V M
C2M2	GX04733X	C SMD CER BJ 0.047U 25V K
C2M3	GX42725K	C SMD CER B 2700P 50V K
C2M4	GX410439	C SMD CER F 0.1U 25V Z
C2M5	GX410439	C SMD CER F 0.1U 25V Z
C2M6	GNM68728	C SMD ELE105 680U 16V M
C409	GX01060Y	C SMD CER BJ 10U 6.3V M
C410	GX410439	C SMD CER F 0.1U 25V Z
C411	GX410439	C SMD CER F 0.1U 25V Z
C412	GX410439	C SMD CER F 0.1U 25V Z
C413	GX410439	C SMD CER F 0.1U 25V Z
C414	GX410439	C SMD CER F 0.1U 25V Z
C415	GX410439	C SMD CER F 0.1U 25V Z
C416	GX410439	C SMD CER F 0.1U 25V Z
C417	GX410439	C SMD CER F 0.1U 25V Z
C418	GX410439	C SMD CER F 0.1U 25V Z
C419	GX410439	C SMD CER F 0.1U 25V Z
C420	GX410439	C SMD CER F 0.1U 25V Z
C421	GX410439	C SMD CER F 0.1U 25V Z
C422	GX410439	C SMD CER F 0.1U 25V Z
C423	GX410439	C SMD CER F 0.1U 25V Z
C424	GX410439	C SMD CER F 0.1U 25V Z
C425	GX01060Y	C SMD CER BJ 10U 6.3V M
C426	GX410439	C SMD CER F 0.1U 25V Z
C427	GX410439	C SMD CER F 0.1U 25V Z
C428	GX410439	C SMD CER F 0.1U 25V Z
C429	GX410439	C SMD CER F 0.1U 25V Z
C430	GX410439	C SMD CER F 0.1U 25V Z
C431	GX410439	C SMD CER F 0.1U 25V Z
C432	GX410439	C SMD CER F 0.1U 25V Z
C433	GX410439	C SMD CER F 0.1U 25V Z
C434	GX410439	C SMD CER F 0.1U 25V Z
C443	GX01060Y	C SMD CER BJ 10U 6.3V M
C444	GX01060Y	C SMD CER BJ 10U 6.3V M

SYMBOL	Part No for NPG	DESCRIPTION
C451	GX410439	C SMD CER F 0.1U 25V Z
C452	GX01060Y	C SMD CER BJ 10U 6.3V M
C454	GX410056	C SMD CER CH 10P 50V D
C455	GX410056	C SMD CER CH 10P 50V D
C458	GX410439	C SMD CER F 0.1U 25V Z
C459	GX410439	C SMD CER F 0.1U 25V Z
C45F	GX410439	C SMD CER F 0.1U 25V Z
C4A2	GN210624	C SMD ELE105 10U 16V M
C4A4	GX410439	C SMD CER F 0.1U 25V Z
C4E0	GX410439	C SMD CER F 0.1U 25V Z
C4E1	GX410439	C SMD CER F 0.1U 25V Z
C4E2	GX410439	C SMD CER F 0.1U 25V Z
C4E3	GX410439	C SMD CER F 0.1U 25V Z
C4E4	GX410439	C SMD CER F 0.1U 25V Z
C4E5	GX410439	C SMD CER F 0.1U 25V Z
C4E6	GX410439	C SMD CER F 0.1U 25V Z
C4E7	GX410439	C SMD CER F 0.1U 25V Z
C4E8	GX410439	C SMD CER F 0.1U 25V Z
C4E9	GX410439	C SMD CER F 0.1U 25V Z
C4F0	GX410439	C SMD CER F 0.1U 25V Z
C4F1	GX410439	C SMD CER F 0.1U 25V Z
C4F2	GX410439	C SMD CER F 0.1U 25V Z
C4F3	GX410439	C SMD CER F 0.1U 25V Z
C4F4	GX410439	C SMD CER F 0.1U 25V Z
C4F5	GX410439	C SMD CER F 0.1U 25V Z
C4F6	GX410439	C SMD CER F 0.1U 25V Z
C4F7	GX410439	C SMD CER F 0.1U 25V Z
C4F8	GX410439	C SMD CER F 0.1U 25V Z
C4F9	GX410439	C SMD CER F 0.1U 25V Z
C4FA	GX410439	C SMD CER F 0.1U 25V Z
C4FE	GX410439	C SMD CER F 0.1U 25V Z
C4FF	GX410439	C SMD CER F 0.1U 25V Z
C4FH	GX410439	C SMD CER F 0.1U 25V Z
C4FJ	GX410439	C SMD CER F 0.1U 25V Z
C4FK	GX410439	C SMD CER F 0.1U 25V Z
C4FL	GX410439	C SMD CER F 0.1U 25V Z
C4FM	GX410439	C SMD CER F 0.1U 25V Z
C4FMZ	GX410439	C SMD CER F 0.1U 25V Z
C4FN	GX410439	C SMD CER F 0.1U 25V Z
C4FP	GX410439	C SMD CER F 0.1U 25V Z
C4FQ	GX410439	C SMD CER F 0.1U 25V Z
C4FR	GX410439	C SMD CER F 0.1U 25V Z
C4FS	GX410439	C SMD CER F 0.1U 25V Z
C4FT	GX410439	C SMD CER F 0.1U 25V Z
C4FW	GN210624	C SMD ELE105 10U 16V M
C4FX	GX42250Y	C SMD CER BJ 2.2U 6.3V M
C4FY	GX410439	C SMD CER F 0.1U 25V Z
C551	GX410439	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NPG	DESCRIPTION
C552	GX410439	C SMD CER F 0.1U 25V Z
C553	GX410439	C SMD CER F 0.1U 25V Z
C554	GX410439	C SMD CER F 0.1U 25V Z
C555	GX410439	C SMD CER F 0.1U 25V Z
C556	GX410439	C SMD CER F 0.1U 25V Z
C561	GX410439	C SMD CER F 0.1U 25V Z
C562	GX410439	C SMD CER F 0.1U 25V Z
C563	GX410439	C SMD CER F 0.1U 25V Z
C564	GX410439	C SMD CER F 0.1U 25V Z
C565	GX410439	C SMD CER F 0.1U 25V Z
C566	GX410439	C SMD CER F 0.1U 25V Z
C801	GX410439	C SMD CER F 0.1U 25V Z
C802	GX41042K	C SMD CER B 0.1U 16V K
C805	GX410439	C SMD CER F 0.1U 25V Z
C806	GX410439	C SMD CER F 0.1U 25V Z
C807	GX410439	C SMD CER F 0.1U 25V Z
C808	GX410439	C SMD CER F 0.1U 25V Z
C809	GX410439	C SMD CER F 0.1U 25V Z
C810	GX410439	C SMD CER F 0.1U 25V Z
C811	GX410439	C SMD CER F 0.1U 25V Z
C812	GX410439	C SMD CER F 0.1U 25V Z
C813	GX410439	C SMD CER F 0.1U 25V Z
C815	GX410439	C SMD CER F 0.1U 25V Z
C818	GX410439	C SMD CER F 0.1U 25V Z
C819	GX410439	C SMD CER F 0.1U 25V Z
C820	GX41042K	C SMD CER B 0.1U 16V K
C821	GX41042K	C SMD CER B 0.1U 16V K
C8A1	GX410439	C SMD CER F 0.1U 25V Z
C8A2	GX410439	C SMD CER F 0.1U 25V Z
C8E1	GX410439	C SMD CER F 0.1U 25V Z
C901	GJ047417	C SAFE X 0.47U AC275V K
C902	GJ047417	C SAFE X 0.47U AC275V K
C905	GJC102E5	SAFETY Y-CAP/D1000P/400VM
C906	GGY00010	C ELE105 120U 450V SNAP-I
C907	GT001011	C FILM MM 0.01U 400V J
C910	GGV22650	C ELE105 22U 50V M (T)
C911	GGH10740	C ELE105 100U 35V M (T)
C912	GX010459	C SMD CER F 0.1U 50V Z
C913	GX010252	C SMD C0G 1000P 50V J 080
C914	GX010054	C SMD CER CH 10P 50V C
C915	GX01043X	C SMD CER BJ 0.1U 25V K
C920	GX01035K	C SMD CER B 0.01U 50V K
C925	GT001391	C FILM MM 0.47U 100V J
C926	GX01060X	C SMD CER BJ 10U 6.3V K
C927	GGH47555	C ELE105 4.7U 50V M (T)
C951	GGR15830	C ELE105 1500U 25V M (T)
C952	GGR15830	C ELE105 1500U 25V M (T)
C953	GGR10830	C ELE105 1000U 25V M (T)

SYMBOL	Part No for NPG	DESCRIPTION
C954	GX01052Y	C SMD CER BJ 1U 16V M
C955	GH001251	C CER SL 150P 1KV J (T)
C9A2	GGH22555	C ELE105 2.2U 50V M (T)
C9A3	GT001011	C FILM MM 0.01U 400V J
C9A4	GX01043X	C SMD CER BJ 0.1U 25V K
C9A6	GX01051X	C SMD CER BJ 1U 10V K
C9A7	GGH47635	C ELE105 47U 25V M (T)
C9E1	GGR22810	C ELE105 2200U 10V M (T)
C9E2	GX01051X	C SMD CER BJ 1U 10V K
C9E3	GGH10810	C ELE105 1000U 10V M (T)
C9X1	GT002401	C FILM PMS 0.47U 400V J
C9X2	GX01035K	C SMD CER B 0.01U 50V K
C9X3	GX04715K	C SMD CER B 470P 50V K
C9X4	GX03342X	C SMD CER BJ 0.33U 16V K
C9X5	GX01015J	C SMD CER SL 100P 50V J
CA05	GX44732X	C SMD CER BJ 0.047U 16V K
CA06	GX44732X	C SMD CER BJ 0.047U 16V K
CA07	GX44732X	C SMD CER BJ 0.047U 16V K
CA08	GX44732X	C SMD CER BJ 0.047U 16V K
CA09	GX44732X	C SMD CER BJ 0.047U 16V K
CA10	GX44732X	C SMD CER BJ 0.047U 16V K
CA12	GX41025K	C SMD CER B 1000P 50V K
CA19	GX41025K	C SMD CER B 1000P 50V K
CA20	GX01060Y	C SMD CER BJ 10U 6.3V M
CA21	GS782222	C SMD FILM ECHU 8200P 16V
CA22	GS747322	C SMD FILM ECHU 47000P 16
CA23	GX410439	C SMD CER F 0.1U 25V Z
CA24	GX410439	C SMD CER F 0.1U 25V Z
CA25	GX410439	C SMD CER F 0.1U 25V Z
CA26	GX41050X	C SMD CER BJ 1U 6.3V K
CA28	GX410439	C SMD CER F 0.1U 25V Z
CA29	GX410439	C SMD CER F 0.1U 25V Z
CA2A	GS715322	C SMD FILM ECHU 15000P 16
CA36	GX410439	C SMD CER F 0.1U 25V Z
CA37	GX410439	C SMD CER F 0.1U 25V Z
CA38	GX410439	C SMD CER F 0.1U 25V Z
CA39	GX410439	C SMD CER F 0.1U 25V Z
CA40	GX410439	C SMD CER F 0.1U 25V Z
CA41	GX410439	C SMD CER F 0.1U 25V Z
CA42	GX410439	C SMD CER F 0.1U 25V Z
CA43	GX410439	C SMD CER F 0.1U 25V Z
CA44	GX410439	C SMD CER F 0.1U 25V Z
CA45	GX410439	C SMD CER F 0.1U 25V Z
CA53	GX01060Y	C SMD CER BJ 10U 6.3V M
CA67	GX01060Y	C SMD CER BJ 10U 6.3V M
CA70A	GX01060Y	C SMD CER BJ 10U 6.3V M
CA70B	GX410439	C SMD CER F 0.1U 25V Z
CA70G	GX410439	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NPG	DESCRIPTION
CA70R	GX410439	C SMD CER F 0.1U 25V Z
CA71B	GX01060Y	C SMD CER BJ 10U 6.3V M
CA71G	GX01060Y	C SMD CER BJ 10U 6.3V M
CA71R	GX01060Y	C SMD CER BJ 10U 6.3V M
CA72A	GX410439	C SMD CER F 0.1U 25V Z
CA72B	GX410439	C SMD CER F 0.1U 25V Z
CA72G	GX410439	C SMD CER F 0.1U 25V Z
CA72R	GX410439	C SMD CER F 0.1U 25V Z
CA73B	GX410056	C SMD CER CH 10P 50V D
CA73G	GX410056	C SMD CER CH 10P 50V D
CA73R	GX410056	C SMD CER CH 10P 50V D
CA74B	GX410439	C SMD CER F 0.1U 25V Z
CA74G	GX410439	C SMD CER F 0.1U 25V Z
CA74R	GX410439	C SMD CER F 0.1U 25V Z
CA75A	GX01060Y	C SMD CER BJ 10U 6.3V M
CA75B	GX422057	C SMD CER CH 22P 50V J
CA75G	GX422057	C SMD CER CH 22P 50V J
CA75R	GX422057	C SMD CER CH 22P 50V J
CA76B	GX410439	C SMD CER F 0.1U 25V Z
CA76G	GX410439	C SMD CER F 0.1U 25V Z
CA76R	GX410439	C SMD CER F 0.1U 25V Z
CA77A	GX468057	C SMD CER CH 68P 50V J
CA77B	GX447057	C SMD CER CH 47P 50V J
CA77G	GX447057	C SMD CER CH 47P 50V J
CA77R	GX447057	C SMD CER CH 47P 50V J
CA78A	GX410439	C SMD CER F 0.1U 25V Z
CA80A	GX01060Y	C SMD CER BJ 10U 6.3V M
CA80B	GX410439	C SMD CER F 0.1U 25V Z
CA80G	GX410439	C SMD CER F 0.1U 25V Z
CA80R	GX410439	C SMD CER F 0.1U 25V Z
CA81B	GX01060Y	C SMD CER BJ 10U 6.3V M
CA81G	GX01060Y	C SMD CER BJ 10U 6.3V M
CA81R	GX01060Y	C SMD CER BJ 10U 6.3V M
CA82B	GX410439	C SMD CER F 0.1U 25V Z
CA82G	GX410439	C SMD CER F 0.1U 25V Z
CA82R	GX410439	C SMD CER F 0.1U 25V Z
CA83B	GX410056	C SMD CER CH 10P 50V D
CA83G	GX410056	C SMD CER CH 10P 50V D
CA83R	GX410056	C SMD CER CH 10P 50V D
CA84B	GX410439	C SMD CER F 0.1U 25V Z
CA84G	GX410439	C SMD CER F 0.1U 25V Z
CA84R	GX410439	C SMD CER F 0.1U 25V Z
CA85A	GX01060Y	C SMD CER BJ 10U 6.3V M
CA85B	GX422057	C SMD CER CH 22P 50V J
CA85G	GX422057	C SMD CER CH 22P 50V J
CA85R	GX422057	C SMD CER CH 22P 50V J
CA86B	GX410439	C SMD CER F 0.1U 25V Z
CA86G	GX410439	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NPG	DESCRIPTION
CA86R	GX410439	C SMD CER F 0.1U 25V Z
CA87A	GX468057	C SMD CER CH 68P 50V J
CA87B	GX447057	C SMD CER CH 47P 50V J
CA87G	GX447057	C SMD CER CH 47P 50V J
CA87R	GX447057	C SMD CER CH 47P 50V J
CA88A	GX410439	C SMD CER F 0.1U 25V Z
CA90	GX41025K	C SMD CER B 1000P 50V K
CA91	GX41025K	C SMD CER B 1000P 50V K
CAA1	GX410439	C SMD CER F 0.1U 25V Z
CAA2	GX410439	C SMD CER F 0.1U 25V Z
CAA3	GX410439	C SMD CER F 0.1U 25V Z
CAA4	GX410439	C SMD CER F 0.1U 25V Z
CAA5	GX410439	C SMD CER F 0.1U 25V Z
CAA6	GN210624	C SMD ELE105 10U 16V M
CAH1	GX41050X	C SMD CER BJ 1U 6.3V K
CAH2	GX41050X	C SMD CER BJ 1U 6.3V K
CAH3	GX46825K	C SMD CER B 6800P 50V K
CAH4	GX46825K	C SMD CER B 6800P 50V K
CAM3	GX01060Y	C SMD CER BJ 10U 6.3V M
CAM4	GX01060Y	C SMD CER BJ 10U 6.3V M
CAN1	GX41050X	C SMD CER BJ 1U 6.3V K
CAN2	GX41050X	C SMD CER BJ 1U 6.3V K
CAN3	GX46825K	C SMD CER B 6800P 50V K
CAN4	GX46825K	C SMD CER B 6800P 50V K
CK01	GX410439	C SMD CER F 0.1U 25V Z
CK02	GX410439	C SMD CER F 0.1U 25V Z
CK03	GX410439	C SMD CER F 0.1U 25V Z
CK04	GX410439	C SMD CER F 0.1U 25V Z
CK05	GX410439	C SMD CER F 0.1U 25V Z
CK06	GX410439	C SMD CER F 0.1U 25V Z
CK07	GX410439	C SMD CER F 0.1U 25V Z
CK08	GX410439	C SMD CER F 0.1U 25V Z
CK09	GX410157	C SMD CER CH 100P 50V J
CK10	GX410157	C SMD CER CH 100P 50V J
CK11	GX410157	C SMD CER CH 100P 50V J
CK12	GX410157	C SMD CER CH 100P 50V J
CK13	GX410157	C SMD CER CH 100P 50V J
CK14	GX01060Y	C SMD CER BJ 10U 6.3V M
CK16	GN310720	C SMD ELE105 100U 16V M
CK17	GX410157	C SMD CER CH 100P 50V J
CK18	GX01060Y	C SMD CER BJ 10U 6.3V M
CK19	GX410439	C SMD CER F 0.1U 25V Z
CK20	GX410439	C SMD CER F 0.1U 25V Z
CK21	GX410439	C SMD CER F 0.1U 25V Z
CK22	GX410439	C SMD CER F 0.1U 25V Z
CK23	GX410439	C SMD CER F 0.1U 25V Z
CK24	GX410439	C SMD CER F 0.1U 25V Z
CK25	GX410439	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NPG	DESCRIPTION
CK26	GX410439	C SMD CER F 0.1U 25V Z
CK27	GX410157	C SMD CER CH 100P 50V J
CK28	GX410157	C SMD CER CH 100P 50V J
CK29	GX410157	C SMD CER CH 100P 50V J
CK30	GX410157	C SMD CER CH 100P 50V J
CK31	GX410157	C SMD CER CH 100P 50V J
CK32	GX01060Y	C SMD CER BJ 10U 6.3V M
CK34	GN310720	C SMD ELE105 100U 16V M
CK35	GX410157	C SMD CER CH 100P 50V J
CK36	GX01060Y	C SMD CER BJ 10U 6.3V M
CKF1	GX410439	C SMD CER F 0.1U 25V Z
CKF2	GX410439	C SMD CER F 0.1U 25V Z

REPLACEMENT PARTS LIST

(For Asia / Pacific)

The components specified for Model LCD2080UX(A)

Manufactured by NPG

SYMBOL	Part No for NMV	DESCRIPTION
*** ICS ***		
IC201	79PQ6140	IC SMD BA00BC0WFP
IC221	79PQ6138	IC SMD PQ1CZ21H2ZP
IC222	79PQ6140	IC SMD BA00BC0WFP
IC251	79PQ6139	IC SMD L4978 REGULATOR
IC271	79PQ6140	IC SMD BA00BC0WFP
IC272	79PQ6140	IC SMD BA00BC0WFP
IC2A1	79PQ6138	IC SMD PQ1CZ21H2ZP
IC401	79PQ6128	IC SMD PW164B
IC402	79PQ6123	IC SMD LH28F800-L202V03
IC403	79PQ6134	IC SMD ICS332M-L202EV
IC405	79PQ6131	IC SMDSN74AHC2G125H MOS
IC4A1	79PQ6126	IC SMD UPD65545-Y-6C
IC4A2	79PQ6129	IC SMD NC7WZ14
IC4A3	79PQ6129	IC SMD NC7WZ14
IC551	79PQ5768	IC SMD DS90C385MTD MOS
IC552	79PQ5768	IC SMD DS90C385MTD MOS
IC801	79PQ5301	IC RESET M51957AFP
IC802	79PQ5301	IC RESET M51957AFP
IC803	79PQ6130	IC SMD CAT24WC64JI-TE13 M
IC804	79PQ6124	IC SMD M30625MGN-A26GP
IC8A1	79PQ5255	IC SMD BU9882F-WE2 MOS
IC8A2	79PQ6136	IC SMD X9116WM8-2.7T4 MOS
IC8A3	79PQ6136	IC SMD X9116WM8-2.7T4 MOS
IC8A4	79PQ6135	IC SMD SN74CBT1G125DCK
IC8A5	79PQ6135	IC SMD SN74CBT1G125DCK
IC8F1	79PQ5255	IC SMD BU9882F-WE2 MOS
IC901	79PQ6120	IC STR-E1717 LF NO. 1064
IC951	79PQ6122	IC TL431ACLP
IC9A1	79PQ6121	IC MIP2E2DMY0LE
IC9A2	79PQ6141	IC SMD XN04A8800L
IC9E1	79PQ6122	IC TL431ACLP
ICA01	79PQ6125	IC SMD AD9888KS-170
ICA70A	79PQ6137	IC SMD AD8002AR
ICAA1	79PQ6129	IC SMD NC7WZ14
ICAA2	79PQ6129	IC SMD NC7WZ14
ICAA3	79PQ6133	IC SMD SN74CBTLV1G125DCK
ICAA4	79PQ6133	IC SMD SN74CBTLV1G125DCK
ICAA5	79PQ6142	IC SMD TA76431F
ICAA6	79PQ6132	IC SMD SN74CBTLV3125PW
ICK01	79PQ6127	IC SMD TFP401 MOS
ICK02	79PQ6127	IC SMD TFP401 MOS

SYMBOL	Part No for NMV	DESCRIPTION
PC901	79PQ5663	IC PHOTO COUPLE PC123Y
PC911	79PQ5663	IC PHOTO COUPLE PC123Y
PC9A1	79PQ5663	IC PHOTO COUPLE PC123Y

*** TRANSISTORS ***

Q101	79PQ6110	TR SMD DTC143ZKA-T146
Q102	79PQ6114	TR SMD 2SA1162-GR
Q104	79PQ6110	TR SMD DTC143ZKA-T146
Q105	79PQ6114	TR SMD 2SA1162-GR
Q151	79PQ6115	FET SMD 2SJ580-TD
Q152	79PQ6106	TR SMD 2SA1037AK-T146 Q
Q153	79PQ5517	CHIP TR NPN 2SC2412K-T146
Q154	79PQ6108	TR SMD DTC144EKA-T146(O)
Q155	79PQ6108	TR SMD DTC144EKA-T146(O)
Q156	79PQ6109	TR SMD DTA144EKA
Q157	79PQ6108	TR SMD DTC144EKA-T146(O)
Q261	79PQ6108	TR SMD DTC144EKA-T146(O)
Q262	79PQ6119	FET SMD 2SJ377(TE16L)
Q265	79PQ6117	FET SMD 2SK3018-T106
Q271	79PQ6108	TR SMD DTC144EKA-T146(O)
Q272	79PQ6108	TR SMD DTC144EKA-T146(O)
Q451	79PQ6114	TR SMD 2SA1162-GR
Q452	79PQ6108	TR SMD DTC144EKA-T146(O)
Q453	79PQ6108	TR SMD DTC144EKA-T146(O)
Q805	79PQ6108	TR SMD DTC144EKA-T146(O)
Q806	79PQ6113	TR SMD 2SC3734
Q807	79PQ6113	TR SMD 2SC3734
Q861	79PQ6117	FET SMD 2SK3018-T106
Q863	79PQ6117	FET SMD 2SK3018-T106
Q8A3	79PQ6108	TR SMD DTC144EKA-T146(O)
Q8E1	79PQ6108	TR SMD DTC144EKA-T146(O)
Q8E5	79PQ6108	TR SMD DTC144EKA-T146(O)
Q8E6	79PQ6108	TR SMD DTC144EKA-T146(O)
Q901	79PQ6116	FET 2SK3673-01MR-F111
Q908	79PQ6118	FET SMD 2SK2715 P
Q911	79PQ6106	TR SMD 2SA1037AK-T146 Q
Q912	79PQ5517	CHIP TR NPN 2SC2412K-T146
Q913	79PQ5517	CHIP TR NPN 2SC2412K-T146
Q930	79PQ6108	TR SMD DTC144EKA-T146(O)
Q931	79PQ6105	TR 2SC5562
Q932	79PQ6108	TR SMD DTC144EKA-T146(O)
Q933	79PQ6111	TR SMD DTB114EK
Q9E1	79PQ6108	TR SMD DTC144EKA-T146(O)
QA70A	79PQ6108	TR SMD DTC144EKA-T146(O)
QA70B	79PQ6112	TR SMD 2SC5084-O
QA70G	79PQ6112	TR SMD 2SC5084-O
QA70R	79PQ6112	TR SMD 2SC5084-O
QA71A	79PQ6115	FET SMD 2SJ580-TD

SYMBOL	Part No for NMV	DESCRIPTION
QA71B	79PQ6109	TR SMD DTA144EKA
QA71G	79PQ6109	TR SMD DTA144EKA
QA71R	79PQ6109	TR SMD DTA144EKA
QA72A	79PQ6109	TR SMD DTA144EKA
QA72B	79PQ6109	TR SMD DTA144EKA
QA72G	79PQ6109	TR SMD DTA144EKA
QA72R	79PQ6109	TR SMD DTA144EKA
QA73B	79PQ6109	TR SMD DTA144EKA
QA73G	79PQ6109	TR SMD DTA144EKA
QA73R	79PQ6109	TR SMD DTA144EKA
QA80B	79PQ6112	TR SMD 2SC5084-O
QA80G	79PQ6112	TR SMD 2SC5084-O
QA80R	79PQ6112	TR SMD 2SC5084-O
QA81B	79PQ6109	TR SMD DTA144EKA
QA81G	79PQ6109	TR SMD DTA144EKA
QA81R	79PQ6109	TR SMD DTA144EKA
QA82B	79PQ6109	TR SMD DTA144EKA
QA82G	79PQ6109	TR SMD DTA144EKA
QA82R	79PQ6109	TR SMD DTA144EKA
QA83B	79PQ6109	TR SMD DTA144EKA
QA83G	79PQ6109	TR SMD DTA144EKA
QA83R	79PQ6109	TR SMD DTA144EKA
QAA1	79PQ6108	TR SMD DTC144EKA-T146(O)
QAH1	79PQ6107	TR SMD 2SA1434-TB
QAH2	79PQ6107	TR SMD 2SA1434-TB
QAM1	79PQ6113	TR SMD 2SC3734
QAM2	79PQ6113	TR SMD 2SC3734
QAN1	79PQ6107	TR SMD 2SA1434-TB
QAN2	79PQ6107	TR SMD 2SA1434-TB
QKF1	79PQ6106	TR SMD 2SA1037AK-T146 Q

*** DIODES ***

D151	79PQ5251	CHIP DIODE/T 1SS355TE-17
D152	79PQ6150	DI SMD RB715F-T106
D221	79PQ6152	DI SMD SFPB-64
D222	79PQ5251	CHIP DIODE/T 1SS355TE-17
D271	79PQ5251	CHIP DIODE/T 1SS355TE-17
D272	79PQ5251	CHIP DIODE/T 1SS355TE-17
D273	79PQ5251	CHIP DIODE/T 1SS355TE-17
D274	79PQ5671	DIODE RB495D
D275	79PQ5671	DIODE RB495D
D2A1	79PQ6152	DI SMD SFPB-64
D2M1	79PQ6152	DI SMD SFPB-64
D901	79PQ6143	DI D3SBA60
D902	79PQ6147	DI RM10A (T)
D907	79PQ6148	DI EG01CV1-T
D911	79PQ6153	DI SMD 1SR156-400
D912	79PQ6155	DI SMD MA2Z001

SYMBOL	Part No for NMV	DESCRIPTION
D913	79PQ6156	DI SMD DG1M3
D914	79PQ6156	DI SMD DG1M3
D915	79PQ6155	DI SMD MA2Z001
D930	79PQ5251	CHIP DIODE/T 1SS355TE-17
D951	79PQ6144	DI FMX-22S
D9A1	79PQ6148	DI EG01CV1-T
D9A2	79PQ6155	DI SMD MA2Z001
D9E1	79PQ6145	DI RK39
D9X1	79PQ6146	DI FMG-G26S
D9X2	79PQ6154	DI SMD SFPL-52
DA01	79PQ5558	CHIP DIODE DAN217 T146
DA02	79PQ5558	CHIP DIODE DAN217 T146
DA03	79PQ5558	CHIP DIODE DAN217 T146
DA04	79PQ5251	CHIP DIODE/T 1SS355TE-17
DA11	79PQ5558	CHIP DIODE DAN217 T146
DA12	79PQ5558	CHIP DIODE DAN217 T146
DA13	79PQ5558	CHIP DIODE DAN217 T146
DA70A	79PQ6149	DI SMD 1SS356
DA71B	79PQ6149	DI SMD 1SS356
DA71G	79PQ6149	DI SMD 1SS356
DA71R	79PQ6149	DI SMD 1SS356
DA72B	79PQ6149	DI SMD 1SS356
DA72G	79PQ6149	DI SMD 1SS356
DA72R	79PQ6149	DI SMD 1SS356
DA73B	79PQ6149	DI SMD 1SS356
DA73G	79PQ6149	DI SMD 1SS356
DA73R	79PQ6149	DI SMD 1SS356
DA80A	79PQ6149	DI SMD 1SS356
DA81B	79PQ6149	DI SMD 1SS356
DA81G	79PQ6149	DI SMD 1SS356
DA81R	79PQ6149	DI SMD 1SS356
DA82B	79PQ6149	DI SMD 1SS356
DA82G	79PQ6149	DI SMD 1SS356
DA82R	79PQ6149	DI SMD 1SS356
DA83B	79PQ6149	DI SMD 1SS356
DA83G	79PQ6149	DI SMD 1SS356
DA83R	79PQ6149	DI SMD 1SS356
ZD8G2	79PQ6151	DI SMD STZ6.2N
ZD908	79PQ6163	ZD SMD UDZS7.5BTE-17
ZD910	79PQ6165	ZD SMD UDZS27BTE-17
ZD917	79PQ6164	ZD SMD UDZS18BTE-17
ZD918	79PQ6162	ZD SMD UDZS5.1BTE-17
ZD919	79PQ6161	ZD SMD UDZS4.7BTE-17
ZD920	79PQ6165	ZD SMD UDZS27BTE-17
ZD930	79PQ6163	ZD SMD UDZS7.5BTE-17
ZD9A4	79PQ6164	ZD SMD UDZS18BTE-17
ZDA01	79PQ6157	DI SMD DF5A6.2F(TE)
ZDA11	79PQ6157	DI SMD DF5A6.2F(TE)

SYMBOL	Part No for NMV	DESCRIPTION
*** TRANSFORMERS ***		
T901	79PQ6275	TRANS SWITCH ST-1102A
T9A1	79PQ6276	TRANS SWITCH L2.3MH
*** RELAYS & SWITCHES ***		
SW901	79PQ6283	SW SEESAW SDDJE14500
*** PWB ASSYS ***		
MANSAS	79PQ6103	MAIN INSERT ASSY
PWNSAS	79PQ6104	POWER INSERT ASSY
XJM01	79PQ6286	INVERTER UNIT L202EV
*** COILS & FILTERS ***		
FL203	79PQ6273	L SMD NFM60R30T222T1
FL2M1	79PQ6273	L SMD NFM60R30T222T1
FL901	79PQ6266	L LINE FILTER LFZ28H05
L115	79PQ6279	L BEAD SMD BK1608LM252-T
L116	79PQ6279	L BEAD SMD BK1608LM252-T
L117	79PQ6279	L BEAD SMD BK1608LM252-T
L118	79PQ6279	L BEAD SMD BK1608LM252-T
L119	79PQ6279	L BEAD SMD BK1608LM252-T
L120	79PQ6279	L BEAD SMD BK1608LM252-T
L121	79PQ6279	L BEAD SMD BK1608LM252-T
L122	79PQ6279	L BEAD SMD BK1608LM252-T
L123	79PQ6279	L BEAD SMD BK1608LM252-T
L125	79PQ6279	L BEAD SMD BK1608LM252-T
L221	79PQ6280	L BEAD SMD FBMH3216HM501N
L222	79PQ6280	L BEAD SMD FBMH3216HM501N
L223	79PQ6272	L SMD SLF10145T-101M1R0-P
L261	79PQ6280	L BEAD SMD FBMH3216HM501N
L262	79PQ6281	L BEAD SMD FBMH4525HM102N
L263	79PQ6280	L BEAD SMD FBMH3216HM501N
L271	79PQ6280	L BEAD SMD FBMH3216HM501N
L272	79PQ6280	L BEAD SMD FBMH3216HM501N
L2A1	79PQ6272	L SMD SLF10145T-101M1R0-P
L2A2	79PQ6280	L BEAD SMD FBMH3216HM501N
L2M1	79PQ6271	L SMD SLF12565T-101M1R6
L405	79PQ6280	L BEAD SMD FBMH3216HM501N
L406	79PQ6280	L BEAD SMD FBMH3216HM501N
L451	79PQ6279	L BEAD SMD BK1608LM252-T
L452	79PQ6277	L BEAD SMD BK1608HS800-T
L453	79PQ6277	L BEAD SMD BK1608HS800-T
L454	79PQ6279	L BEAD SMD BK1608LM252-T
L459	79PQ6279	L BEAD SMD BK1608LM252-T
L4A1	79PQ6279	L BEAD SMD BK1608LM252-T
L4A2	79PQ6280	L BEAD SMD FBMH3216HM501N
L4A3	79PQ6280	L BEAD SMD FBMH3216HM501N

SYMBOL	Part No for NMV	DESCRIPTION
L4A4	79PQ6282	L BEAD SMD BKP1608HS330-T
L4A5	79PQ6282	L BEAD SMD BKP1608HS330-T
L551	79PQ6278	L BEAD SMD BK1608HS601-T
L552	79PQ6278	L BEAD SMD BK1608HS601-T
L553	79PQ6278	L BEAD SMD BK1608HS601-T
L561	79PQ6278	L BEAD SMD BK1608HS601-T
L562	79PQ6278	L BEAD SMD BK1608HS601-T
L563	79PQ6278	L BEAD SMD BK1608HS601-T
L951	79PQ6270	L SBC7-100-532
L9A1	79PQ6274	L SMD LEMC3225T101K
L9E1	79PQ6269	L CHOKE TSL1112RA-100M3R7
L9X1	79PQ6267	L PFC COIL 77A-2702
L9X2	79PQ6268	L CHOKE 72U2A SF1-T8-50S-
LAA3	79PQ6282	L BEAD SMD BKP1608HS330-T
LAA4	79PQ6282	L BEAD SMD BKP1608HS330-T
LAA5	79PQ6282	L BEAD SMD BKP1608HS330-T
LAA6	79PQ6282	L BEAD SMD BKP1608HS330-T
LAA7	79PQ6282	L BEAD SMD BKP1608HS330-T
LAH1	79PQ6282	L BEAD SMD BKP1608HS330-T
LAH2	79PQ6282	L BEAD SMD BKP1608HS330-T
LAN1	79PQ6282	L BEAD SMD BKP1608HS330-T
LAN2	79PQ6282	L BEAD SMD BKP1608HS330-T

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

CABUAS	79PQ6083	CABLE BUTTON ASSY(WH)
CN951	79PQ6287	WIRE CB14P 1007#26L100
F901	79PQ3032	FUSE SG5013 3.15 PF 250V
OSC4A1	79PQ6160	OSC SMD IC 55MHZ
TH901	79PQ6167	NTCR 10D2-10LC
VD901	79PQ5332	VARISTOR ENE471D-10A
X402	79PQ6158	OSC SMD XTAL 14.31818MHZ
X7A01	79PQ6288	WIRE CC30P 1516#30L250
X7A02	79PQ6289	WIRE CB13P 1007#26L70
X801	79PQ6159	OSC SMD CSTCR7M37G53-R0
XD7A01	79PQ6284	CABLE BUTTON WHT
XD7A02	79PQ6290	CABLE VI DVID-DVID 2M HG
XD7A03	79PQ6291	CABLE VI DVID-DSUB 2M HG
XD7A04	79PQ6295	PW CORD NA 2.0M HG I-SHEN
XJG01	3A684034	LCD LM201U03 LGPHILIPS

*** APPEARANCE PARTS ***

BAAS	79PQ6062	BACK ASSY,L202EV(WH,N)
BE	79PQ6074	BEZEL,L202EV(WH,N)
BRBAAS	79PQ6065	BRACKET BASE ASSY,L202EV
CVCA	79PQ6081	COVER CABLE,L202EV(WH)
STCV	79PQ6079	STAND COVER TB,L202EV(WH)
STUN	79PQ6077	STAND UNIT,L202EV(WH)

SYMBOL	Part No for NMV	DESCRIPTION
*** PRINTED & PACKING MATERIALS ***		
CABX	79PQ6066	CARTON BOX,L202EV(WHA)
CASH	79PQ6084	CARTON SHEET,L202EV
FLB	79PQ6086	FILLER B,L202EV
FLC	79PQ6087	FILLER C,L202EV
FLT	79PQ6085	FILLER T,L202EV
LVSH	79PQ6098	LVIEW SHEET
MANU	79PQ6091	MANUAL,L202EV(A)
NAFL	79PQ2790	NAVISET CARTON BOX FLYER
PABAG	79PQ6089	PACKING BAG(BK)
PEBAG	79PQ5129	PE BAG (340*225)
PROTE	79PQ6052	PROTECTION SHEET
RALA	79PQ6071	RATING LABEL,L202EV(WH)
SHSE	79PQ6095	SHEET SETUP,L202EV(A)
*** RESISTORS ***		
J921	79EN0189	R SMD 1/4W(T) 5% 0
J923	79EN0189	R SMD 1/4W(T) 5% 0
J924	79EN0189	R SMD 1/4W(T) 5% 0
J925	79EN0189	R SMD 1/4W(T) 5% 0
J926	79EN0189	R SMD 1/4W(T) 5% 0
J927	79EN0189	R SMD 1/4W(T) 5% 0
J928	79EN0189	R SMD 1/4W(T) 5% 0
J929	79EN0189	R SMD 1/4W(T) 5% 0
J930	79PQ6212	R SMD METAL 1/4W 0 JUMPER
J940	79EN0189	R SMD 1/4W(T) 5% 0
J961	79EN0189	R SMD 1/4W(T) 5% 0
J962	79EN0189	R SMD 1/4W(T) 5% 0
MR401	79PQ6209	R NET SMD 1/16W 150 J
MR402	79PQ6209	R NET SMD 1/16W 150 J
MR403	79PQ6209	R NET SMD 1/16W 150 J
MR404	79PQ6209	R NET SMD 1/16W 150 J
MR405	79PQ6209	R NET SMD 1/16W 150 J
MR406	79PQ6209	R NET SMD 1/16W 150 J
MR407	79PQ6209	R NET SMD 1/16W 150 J
MR408	79PQ6209	R NET SMD 1/16W 150 J
MR409	79PQ6209	R NET SMD 1/16W 150 J
MR410	79PQ6209	R NET SMD 1/16W 150 J
MR411	79PQ6209	R NET SMD 1/16W 150 J
MR412	79PQ6209	R NET SMD 1/16W 150 J
MR4G1	79PQ6207	R NET SMD 1/16W 33 J
MR4G3	79PQ6207	R NET SMD 1/16W 33 J
MR4G5	79PQ6207	R NET SMD 1/16W 33 J
MR4G7	79PQ6207	R NET SMD 1/16W 33 J
MR4G9	79PQ6207	R NET SMD 1/16W 33 J
MR4H1	79PQ6207	R NET SMD 1/16W 33 J
MRA01	79PQ6208	R NET SMD 1/16W 100 J
MRA03	79PQ6208	R NET SMD 1/16W 100 J
MRA05	79PQ6208	R NET SMD 1/16W 100 J

SYMBOL	Part No for NMV	DESCRIPTION
MRA07	79PQ6208	R NET SMD 1/16W 100 J
MRA09	79PQ6208	R NET SMD 1/16W 100 J
MRA11	79PQ6208	R NET SMD 1/16W 100 J
MRK01	79PQ6207	R NET SMD 1/16W 33 J
MRK03	79PQ6207	R NET SMD 1/16W 33 J
MRK05	79PQ6207	R NET SMD 1/16W 33 J
MRK07	79PQ6207	R NET SMD 1/16W 33 J
MRK09	79PQ6207	R NET SMD 1/16W 33 J
MRK11	79PQ6207	R NET SMD 1/16W 33 J
MRK13	79PQ6207	R NET SMD 1/16W 33 J
MRK15	79PQ6207	R NET SMD 1/16W 33 J
MRK17	79PQ6207	R NET SMD 1/16W 33 J
MRK19	79PQ6207	R NET SMD 1/16W 33 J
MRK21	79PQ6207	R NET SMD 1/16W 33 J
MRK23	79PQ6207	R NET SMD 1/16W 33 J
R101	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
R102	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
R103	79EN0158	R SMD 1/10W(T) 1% 180
R105	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
R106	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
R107	79EN0158	R SMD 1/10W(T) 1% 180
R117	79PQ1892	CHIP 1/8W(T) 5% 1K
R118	79PQ1892	CHIP 1/8W(T) 5% 1K
R119	79PQ1892	CHIP 1/8W(T) 5% 1K
R120	79PQ1892	CHIP 1/8W(T) 5% 1K
R121	79PQ1892	CHIP 1/8W(T) 5% 1K
R122	79PQ1892	CHIP 1/8W(T) 5% 1K
R123	79PQ1892	CHIP 1/8W(T) 5% 1K
R125	79PQ1892	CHIP 1/8W(T) 5% 1K
R151	79PQ6189	R SMD METAL 1/10W 1.5K F
R152	79PQ5869	R SMD METAL 1/10W 2.7K J
R153	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R154	79PQ5869	R SMD METAL 1/10W 2.7K J
R155	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R156	79PQ6178	R SMD METAL 1/10W 820K J
R157	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R158	79PQ6176	R SMD METAL 1/10W 56K J T
R159	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R15A	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R15E	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R15F	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R15L	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R201	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R202	79PQ6197	R SMD METAL 1/10W 56K F
R203	79EN0781	R SMD 1/10W(T) 1% 33K
R221	79PQ5316	CHIP RES 1/10W(T) 1% 1.8K
R222	79EN0780	R SMD 1/10W(T) 1% 27K
R223	79PQ6188	R SMD METAL 1/10W 1.2K F

SYMBOL	Part No for NMV	DESCRIPTION
R224	79PQ6194	R SMD METAL 1/10W 30K F
R225	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R226	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R261	79EN0183	R SMD 1/10W(T) 5% 33K
R262	79EN0183	R SMD 1/10W(T) 5% 33K
R266	79PQ5313	CHIP RES 1/10W(T) 1% 150K
R267	79EN0781	R SMD 1/10W(T) 1% 33K
R268	79PQ6210	R SMD METAL 1/2W 680 J
R269	79PQ6210	R SMD METAL 1/2W 680 J
R26A	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R271	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
R272	79PQ6175	R SMD METAL 1/10W 5.6K J
R273	79PQ6197	R SMD METAL 1/10W 56K F
R274	79EN0781	R SMD 1/10W(T) 1% 33K
R274A	79PQ5684	CHIP RES 1/10W(T) 1% 2.2K
R275	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
R276	79EN0781	R SMD 1/10W(T) 1% 33K
R277	79EN0781	R SMD 1/10W(T) 1% 33K
R277A	79PQ6188	R SMD METAL 1/10W 1.2K F
R278	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R2A1	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R2A2	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R2A3	79PQ6195	R SMD METAL 1/10W 390 F
R2A4	79PQ5280	CHIP RES 1/10W(T) 1% 1KOH
R2A5	79PQ6199	R SMD METAL 1/10W 8.2K F
R2A7	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R2M1	79PQ5278	CHIP RES 1/10W(T) 1% 4.7K
R2M2	79PQ6191	R SMD METAL 1/10W 22K F
R2M3	79PQ6188	R SMD METAL 1/10W 1.2K F
R2M4	79PQ5278	CHIP RES 1/10W(T) 1% 4.7K
R2M5	79PQ6200	R SMD METAL 1/10W 82 F
R402	79PQ6198	R SMD METAL 1/10W 62 F
R403	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
R405	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
R409	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R412	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R415	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R416	79PQ5039	CHIP 1/10W(T) 5% 47K
R418	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
R422	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
R429	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R430	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R433	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R435	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R449	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
R451	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
R452	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
R453	79PQ5675	CHIP RES 1/10W(T) 5% 10KO

SYMBOL	Part No for NMV	DESCRIPTION
R454	79PQ5039	CHIP 1/10W(T) 5% 47K
R455	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R456	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R457	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R458	79PQ5039	CHIP 1/10W(T) 5% 47K
R459	79PQ5039	CHIP 1/10W(T) 5% 47K
R45E	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R45K	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R45P	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R45T	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R463	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R464	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R465	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R466	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R467	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R468	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R470	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R4A2	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R4A3	79EN0184	R SMD 1/10W(T) 5% 33
R4A4	79EN0184	R SMD 1/10W(T) 5% 33
R4A5	79EN0184	R SMD 1/10W(T) 5% 33
R4A6	79EN0184	R SMD 1/10W(T) 5% 33
R4A7	79EN0184	R SMD 1/10W(T) 5% 33
R4A8	79EN0184	R SMD 1/10W(T) 5% 33
R4A9	79EN0184	R SMD 1/10W(T) 5% 33
R4AK	79EN0184	R SMD 1/10W(T) 5% 33
R4AL	79EN0184	R SMD 1/10W(T) 5% 33
R4AM	79EN0184	R SMD 1/10W(T) 5% 33
R4AN	79EN0184	R SMD 1/10W(T) 5% 33
R4AP	79EN0184	R SMD 1/10W(T) 5% 33
R4AT	79EN0184	R SMD 1/10W(T) 5% 33
R4E0	79EN0184	R SMD 1/10W(T) 5% 33
R4E1	79EN0184	R SMD 1/10W(T) 5% 33
R4E2	79EN0184	R SMD 1/10W(T) 5% 33
R4E3	79EN0184	R SMD 1/10W(T) 5% 33
R4E4	79EN0184	R SMD 1/10W(T) 5% 33
R4E5	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4E6	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4E7	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4E8	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4E9	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4EA	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R550	79PQ6186	R SMD METAL 1/4W 5.1K J T
R801	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R802	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R803	79EN0780	R SMD 1/10W(T) 1% 27K
R805	79PQ6192	R SMD METAL 1/10W 24K F
R806	79PQ5039	CHIP 1/10W(T) 5% 47K

SYMBOL	Part No for NMV	DESCRIPTION
R807	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R808	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R809	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R811	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R812	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R813	79EN0184	R SMD 1/10W(T) 5% 33
R814	79EN0184	R SMD 1/10W(T) 5% 33
R815	79EN0184	R SMD 1/10W(T) 5% 33
R816	79EN0184	R SMD 1/10W(T) 5% 33
R818	79EN0184	R SMD 1/10W(T) 5% 33
R819	79EN0184	R SMD 1/10W(T) 5% 33
R820	79EN0184	R SMD 1/10W(T) 5% 33
R821	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R822	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R823	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R826	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R827	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R828	79PQ5039	CHIP 1/10W(T) 5% 47K
R829	79PQ5039	CHIP 1/10W(T) 5% 47K
R830	79PQ5039	CHIP 1/10W(T) 5% 47K
R831	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R832	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R833	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R834	79PQ5039	CHIP 1/10W(T) 5% 47K
R838	79EN0184	R SMD 1/10W(T) 5% 33
R839	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R840	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R841	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R842	79PQ5039	CHIP 1/10W(T) 5% 47K
R844	79PQ5039	CHIP 1/10W(T) 5% 47K
R845	79PQ5039	CHIP 1/10W(T) 5% 47K
R846	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R849	79PQ6190	R SMD METAL 1/10W 18K F
R850	79EN0162	R SMD 1/10W(T) 1% 220K
R883	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R885	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R886	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R887	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R889	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R890	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R891	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R8A2	79PQ6211	R SMD METAL 1W 33 J
R8A4	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8A5	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8A6	79PQ5039	CHIP 1/10W(T) 5% 47K
R8A7	79PQ5039	CHIP 1/10W(T) 5% 47K
R8AA	79PQ5039	CHIP 1/10W(T) 5% 47K
R8AE	79PQ5039	CHIP 1/10W(T) 5% 47K

SYMBOL	Part No for NMV	DESCRIPTION
R8AL	79PQ5039	CHIP 1/10W(T) 5% 47K
R8AX	79PQ5039	CHIP 1/10W(T) 5% 47K
R8AY	79PQ5039	CHIP 1/10W(T) 5% 47K
R8E1	79PQ5039	CHIP 1/10W(T) 5% 47K
R8E7	79PQ5039	CHIP 1/10W(T) 5% 47K
R8E8	79PQ5039	CHIP 1/10W(T) 5% 47K
R8E9	79PQ5039	CHIP 1/10W(T) 5% 47K
R8EA	79PQ5039	CHIP 1/10W(T) 5% 47K
R8EF	79PQ5039	CHIP 1/10W(T) 5% 47K
R8F2	79PQ6211	R SMD METAL 1W 33 J
R8F3	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R8F4	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8F5	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8F6	79PQ5039	CHIP 1/10W(T) 5% 47K
R8F7	79PQ5039	CHIP 1/10W(T) 5% 47K
R8FX	79PQ5039	CHIP 1/10W(T) 5% 47K
R8FY	79PQ5039	CHIP 1/10W(T) 5% 47K
R8G2	79PQ6211	R SMD METAL 1W 33 J
R8G3	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R8G4	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8G5	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R901	79PQ6185	R SMD METAL 1/4W 470K J T
R902	79PQ6185	R SMD METAL 1/4W 470K J T
R903	79PQ6185	R SMD METAL 1/4W 470K J T
R904	79PQ6181	R SMD METAL 1/4W 1M J
R905	79PQ6181	R SMD METAL 1/4W 1M J
R906	79PQ6181	R SMD METAL 1/4W 1M J
R907	79PQ6169	R MOF 2W/M 100K J (A)
R908	79PQ6187	R SMD METAL 1/3W 2.2K J T
R909	79PQ6170	R MOF 2W/M 0.33 J(A)
R910	79PQ1897	CHIP 1/8W(T) 5% 22K
R911	79PQ6201	R SMD METAL 1/8W 4.7 F T
R912	79PQ6204	R SMD METAL 1/4W 10K F T
R913	79PQ6202	R SMD METAL 1/8W 680 F T
R914	79PQ5310	CHIP RES 1/8W(T) 5% 100KO
R915	79PQ6166	R CARBON 1/4W 5.6 J M T
R916	79PQ1896	CHIP 1/8W(T) 5% 220H
R917	79EN0232	R SMD 1/8W(T) 5% 470
R918	79PQ1891	CHIP 1/8W(T) 5% 100H
R920	79PQ1893	CHIP 1/8W(T) 5% 10K
R921	79PQ1898	CHIP 1/8W(T) 5% 33K
R922	79PQ6184	R SMD METAL 1/4W 33K J T
R923	79PQ1893	CHIP 1/8W(T) 5% 10K
R924	79PQ1893	CHIP 1/8W(T) 5% 10K
R925	79PQ1898	CHIP 1/8W(T) 5% 33K
R926	79PQ6203	R SMD METAL 1/8W 9.1K F T
R927	79PQ5310	CHIP RES 1/8W(T) 5% 100KO
R928	79PQ1902	CHIP 1/8W(T) 1% 10K

SYMBOL	Part No for NMV	DESCRIPTION
R929	79PQ1893	CHIP 1/8W(T) 5% 10K
R931	79PQ1897	CHIP 1/8W(T) 5% 22K
R933	79PQ5310	CHIP RES 1/8W(T) 5% 100KO
R934	79PQ1893	CHIP 1/8W(T) 5% 10K
R935	79PQ6181	R SMD METAL 1/4W 1M J
R936	79PQ6181	R SMD METAL 1/4W 1M J
R937	79PQ6181	R SMD METAL 1/4W 1M J
R951	79PQ5549	RES SMD 1/8W(T) 5% 1.2KOH
R952	79EN0218	R SMD 1/8W(T) 1% 7.5K
R953	79PQ2170	CHIP 1/8W(T) 1% 6.2K
R954	79PQ5361	CHIP RES 1/8W (T) 1% 2.2K
R955	79PQ1890	CHIP 1/8W(T) 5% 0 H
R956	79PQ1892	CHIP 1/8W(T) 5% 1K
R9A2	79PQ6168	R MOF 1W/M 47K J(A)
R9A3	79PQ5682	CHIP RES 1/8W(T) 5% 27OHM
R9A4	79PQ6180	R SMD METAL 1/4W 1.0K J T
R9A5	79PQ1969	CHIP 1/8W(T) 5% 3.9K
R9A6	79PQ1890	CHIP 1/8W(T) 5% 0 H
R9A7	79PQ1893	CHIP 1/8W(T) 5% 10K
R9A8	79PQ6179	R SMD METAL 1/4W 100 J T
R9E1	79PQ1891	CHIP 1/8W(T) 5% 100H
R9E2	79EN0200	R SMD 1/8W(T) 1% 1K
R9E3	79EN0227	R SMD 1/8W(T) 5% 22
R9E4	79EN0200	R SMD 1/8W(T) 1% 1K
R9E6	79PQ1890	CHIP 1/8W(T) 5% 0 H
R9E7	79PQ1969	CHIP 1/8W(T) 5% 3.9K
R9X1	79PQ6183	R SMD METAL 1/4W 2.2M J T
R9X2	79PQ6183	R SMD METAL 1/4W 2.2M J T
R9X4	79PQ1898	CHIP 1/8W(T) 5% 33K
R9X5	79PQ6206	R SMD METAL 1/4W 750K F
R9X6	79PQ6206	R SMD METAL 1/4W 750K F
R9X7	79PQ6205	R SMD METAL 1/4W 680K F
R9X8	79PQ1905	CHIP 1/8W(T) 1% 22K
R9X9	79PQ6182	R SMD METAL 1/4W 22K J T
R9Y1	79PQ1892	CHIP 1/8W(T) 5% 1K
R9Y2	79PQ1891	CHIP 1/8W(T) 5% 100H
R9Y3	79PQ6170	R MOF 2W/M 0.33 J(A)
RA03	79EN0184	R SMD 1/10W(T) 5% 33
RA04	79EN0184	R SMD 1/10W(T) 5% 33
RA05	79EN0184	R SMD 1/10W(T) 5% 33
RA06	79EN0184	R SMD 1/10W(T) 5% 33
RA07	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RA08	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RA11	79EN0179	R SMD 1/10W(T) 5% 10
RA12	79EN0179	R SMD 1/10W(T) 5% 10
RA19	79EN0184	R SMD 1/10W(T) 5% 33
RA20	79EN0184	R SMD 1/10W(T) 5% 33
RA21	79EN0184	R SMD 1/10W(T) 5% 33

SYMBOL	Part No for NMV	DESCRIPTION
RA22	79EN0184	R SMD 1/10W(T) 5% 33
RA23	79EN0184	R SMD 1/10W(T) 5% 33
RA24	79EN0184	R SMD 1/10W(T) 5% 33
RA27	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA28	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA29	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA30	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA34	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA37	79EN0184	R SMD 1/10W(T) 5% 33
RA43	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA44	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA4A	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA4E	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA70A	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
RA70B	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA70G	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA70R	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA71A	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA71B	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA71G	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA71R	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA72A	79EN0621	R CHIP 1/10W(T) 5% 33O
RA72B	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA72G	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA72R	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA73A	79PQ5869	R SMD METAL 1/10W 2.7K J
RA73B	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA73G	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA73R	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA74A	79PQ5308	CHIP RES 1/10W(T) 1% 220O
RA74B	79EN0621	R CHIP 1/10W(T) 5% 33O
RA74G	79EN0621	R CHIP 1/10W(T) 5% 33O
RA74R	79EN0621	R CHIP 1/10W(T) 5% 33O
RA75A	79PQ6196	R SMD METAL 1/10W 510 F
RA75B	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA75G	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA75R	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA76A	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA76B	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA76G	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA76R	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA77A	79PQ6177	R SMD METAL 1/10W 820 J T
RA77B	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA77G	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA77R	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA78A	79PQ5869	R SMD METAL 1/10W 2.7K J
RA78B	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA78G	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K

SYMBOL	Part No for NMV	DESCRIPTION
RA78R	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA79A	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA79B	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA79G	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA79R	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA7AA	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA7AB	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA7AG	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA7AR	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA7EA	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
RA7HB	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA7HG	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA7HR	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA7LA	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
RA80B	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA80G	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA80R	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA81B	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA81G	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA81R	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA82A	79EN0621	R CHIP 1/10W(T) 5% 33O
RA82B	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA82G	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA82R	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA83	79EN0184	R SMD 1/10W(T) 5% 33
RA83A	79PQ5869	R SMD METAL 1/10W 2.7K J
RA83B	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA83G	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA83R	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA84	79EN0184	R SMD 1/10W(T) 5% 33
RA84A	79PQ5308	CHIP RES 1/10W(T) 1% 220O
RA84B	79EN0621	R CHIP 1/10W(T) 5% 33O
RA84G	79EN0621	R CHIP 1/10W(T) 5% 33O
RA84R	79EN0621	R CHIP 1/10W(T) 5% 33O
RA85A	79PQ6196	R SMD METAL 1/10W 510 F
RA85B	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA85G	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA85R	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA86	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RA86A	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA86B	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA86G	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA86R	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA87	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RA87A	79PQ6177	R SMD METAL 1/10W 820 J T
RA87B	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA87G	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA87R	79PQ5371	CHIP RES 1/10W (T) 5% 1KO

SYMBOL	Part No for NMV	DESCRIPTION
RA88A	79PQ5869	R SMD METAL 1/10W 2.7K J
RA88B	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA88G	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA88R	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA89A	79PQ5272	CHIP RES 1/10W(T) 5% 1000
RA89B	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA89G	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA89R	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA8AA	79PQ5272	CHIP RES 1/10W(T) 5% 1000
RA8AB	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA8AG	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA8AR	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA8EA	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
RA8HB	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA8HG	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA8HR	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA8KA	79PQ5869	R SMD METAL 1/10W 2.7K J
RA8LA	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
RAA3	79PQ5038	CHIP 1/10W(T) 5% 470H
RAA4	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RAA5	79EN0186	R SMD 1/10W(T) 5% 6.8K
RAA6	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
RAE3	79PQ6171	R SMD METAL 1/10W 18 J T
RAE4	79EN0184	R SMD 1/10W(T) 5% 33
RAE5	79EN0184	R SMD 1/10W(T) 5% 33
RAE6	79EN0184	R SMD 1/10W(T) 5% 33
RAFH	79EN0179	R SMD 1/10W(T) 5% 10
RAFK	79EN0179	R SMD 1/10W(T) 5% 10
RAH1	79PQ6173	R SMD METAL 1/10W 180K J
RAH2	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAH3	79PQ5036	CHIP 1/10W(T) 5% 150H
RAH5	79PQ6173	R SMD METAL 1/10W 180K J
RAH6	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAH7	79PQ5036	CHIP 1/10W(T) 5% 150H
RAM1	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RAM2	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RAM3	79PQ6172	R SMD METAL 1/10W 18K J T
RAM4	79PQ6172	R SMD METAL 1/10W 18K J T
RAM5	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAM6	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAM7	79PQ5869	R SMD METAL 1/10W 2.7K J
RAM8	79PQ5869	R SMD METAL 1/10W 2.7K J
RAN1	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RAN2	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RAN3	79PQ5778	CHIP RES 1/10W(T) 5% 68K
RAN4	79PQ5778	CHIP RES 1/10W(T) 5% 68K
RAN5	79PQ6173	R SMD METAL 1/10W 180K J
RAN6	79PQ6173	R SMD METAL 1/10W 180K J

SYMBOL	Part No for NMV	DESCRIPTION
RAN7	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAN8	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAN9	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RANA	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RK01	79PQ6174	R SMD METAL 1/10W 390 J T
RK07	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
RK08	79EN0184	R SMD 1/10W(T) 5% 33
RK09	79PQ5039	CHIP 1/10W(T) 5% 47K
RK0A	79PQ5039	CHIP 1/10W(T) 5% 47K
RK10	79PQ5039	CHIP 1/10W(T) 5% 47K
RK11	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
RK16	79PQ6174	R SMD METAL 1/10W 390 J T
RK22	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
RK23	79EN0184	R SMD 1/10W(T) 5% 33
RK24	79PQ5039	CHIP 1/10W(T) 5% 47K
RK25	79PQ5039	CHIP 1/10W(T) 5% 47K
RK26	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
RK2A	79PQ5039	CHIP 1/10W(T) 5% 47K
RK2E	79PQ5039	CHIP 1/10W(T) 5% 47K
RKAE	79PQ5039	CHIP 1/10W(T) 5% 47K
RKF1	79PQ6196	R SMD METAL 1/10W 510 F
RKF2	79PQ6196	R SMD METAL 1/10W 510 F
RKF6	79PQ6193	R SMD METAL 1/10W 2.7K F
RKF7	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RKF8	79PQ5039	CHIP 1/10W(T) 5% 47K
RKF9	79PQ5272	CHIP RES 1/10W(T) 5% 100O

*** CAPACITORS ***

C151	79PQ6261	C SMD CER CH 390P 50V J
C152	79PQ6256	C SMD CER BJ 1U 6.3V K
C153	79PQ6225	C SMD ELE105 4.7U 25V M
C154	79PQ6257	C SMD CER BJ 1U 10V M
C15A	79PQ6246	C SMD CER BJ 10U 6.3V M
C201	79PQ6250	C SMD CER BJ 22U 6.3V M
C221	79PQ6227	C SMD ELE105 100U 10V M
C222	79PQ6246	C SMD CER BJ 10U 6.3V M
C223	79PQ6230	C SMD ELE105 330U 16V M
C224	79PQ6224	C SMD ELE105 10U 16V M
C225	79PQ6255	C SMD CER F 0.1U 25V Z
C226	79PQ6255	C SMD CER F 0.1U 25V Z
C22E	79PQ6255	C SMD CER F 0.1U 25V Z
C22F	79PQ6259	C SMD CER BJ 2.2U 6.3V M
C261	79PQ6255	C SMD CER F 0.1U 25V Z
C263	79PQ6224	C SMD ELE105 10U 16V M
C265	79PQ6255	C SMD CER F 0.1U 25V Z
C26A	79PQ6255	C SMD CER F 0.1U 25V Z
C271	79PQ6250	C SMD CER BJ 22U 6.3V M
C273	79PQ6255	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NMV	DESCRIPTION
C274	79PQ6255	C SMD CER F 0.1U 25V Z
C275	79PQ6255	C SMD CER F 0.1U 25V Z
C276	79PQ6255	C SMD CER F 0.1U 25V Z
C277	79PQ6246	C SMD CER BJ 10U 6.3V M
C278	79PQ6246	C SMD CER BJ 10U 6.3V M
C27E	79PQ6256	C SMD CER BJ 1U 6.3V K
C281	79PQ6250	C SMD CER BJ 22U 6.3V M
C2A2	79PQ6255	C SMD CER F 0.1U 25V Z
C2A3	79PQ6255	C SMD CER F 0.1U 25V Z
C2A4	79PQ6228	C SMD ELE105 22U 25V M
C2A5	79PQ6230	C SMD ELE105 330U 16V M
C2E1	79PQ6255	C SMD CER F 0.1U 25V Z
C2M1	79PQ6229	C SMD ELE105 100U 25V M
C2M2	79PQ6249	C SMD CER BJ 0.047U 25V K
C2M3	79PQ6260	C SMD CER B 2700P 50V K
C2M4	79PQ6255	C SMD CER F 0.1U 25V Z
C2M5	79PQ6255	C SMD CER F 0.1U 25V Z
C2M6	79PQ6231	C SMD ELE105 680U 16V M
C409	79PQ6246	C SMD CER BJ 10U 6.3V M
C410	79PQ6255	C SMD CER F 0.1U 25V Z
C411	79PQ6255	C SMD CER F 0.1U 25V Z
C412	79PQ6255	C SMD CER F 0.1U 25V Z
C413	79PQ6255	C SMD CER F 0.1U 25V Z
C414	79PQ6255	C SMD CER F 0.1U 25V Z
C415	79PQ6255	C SMD CER F 0.1U 25V Z
C416	79PQ6255	C SMD CER F 0.1U 25V Z
C417	79PQ6255	C SMD CER F 0.1U 25V Z
C418	79PQ6255	C SMD CER F 0.1U 25V Z
C419	79PQ6255	C SMD CER F 0.1U 25V Z
C420	79PQ6255	C SMD CER F 0.1U 25V Z
C421	79PQ6255	C SMD CER F 0.1U 25V Z
C422	79PQ6255	C SMD CER F 0.1U 25V Z
C423	79PQ6255	C SMD CER F 0.1U 25V Z
C424	79PQ6255	C SMD CER F 0.1U 25V Z
C425	79PQ6246	C SMD CER BJ 10U 6.3V M
C426	79PQ6255	C SMD CER F 0.1U 25V Z
C427	79PQ6255	C SMD CER F 0.1U 25V Z
C428	79PQ6255	C SMD CER F 0.1U 25V Z
C429	79PQ6255	C SMD CER F 0.1U 25V Z
C430	79PQ6255	C SMD CER F 0.1U 25V Z
C431	79PQ6255	C SMD CER F 0.1U 25V Z
C432	79PQ6255	C SMD CER F 0.1U 25V Z
C433	79PQ6255	C SMD CER F 0.1U 25V Z
C434	79PQ6255	C SMD CER F 0.1U 25V Z
C443	79PQ6246	C SMD CER BJ 10U 6.3V M
C444	79PQ6246	C SMD CER BJ 10U 6.3V M
C451	79PQ6255	C SMD CER F 0.1U 25V Z
C452	79PQ6246	C SMD CER BJ 10U 6.3V M

SYMBOL	Part No for NMV	DESCRIPTION
C454	79PQ6251	C SMD CER CH 10P 50V D
C455	79PQ6251	C SMD CER CH 10P 50V D
C458	79PQ6255	C SMD CER F 0.1U 25V Z
C459	79PQ6255	C SMD CER F 0.1U 25V Z
C45F	79PQ6255	C SMD CER F 0.1U 25V Z
C4A2	79PQ6224	C SMD ELE105 10U 16V M
C4A4	79PQ6255	C SMD CER F 0.1U 25V Z
C4E0	79PQ6255	C SMD CER F 0.1U 25V Z
C4E1	79PQ6255	C SMD CER F 0.1U 25V Z
C4E2	79PQ6255	C SMD CER F 0.1U 25V Z
C4E3	79PQ6255	C SMD CER F 0.1U 25V Z
C4E4	79PQ6255	C SMD CER F 0.1U 25V Z
C4E5	79PQ6255	C SMD CER F 0.1U 25V Z
C4E6	79PQ6255	C SMD CER F 0.1U 25V Z
C4E7	79PQ6255	C SMD CER F 0.1U 25V Z
C4E8	79PQ6255	C SMD CER F 0.1U 25V Z
C4E9	79PQ6255	C SMD CER F 0.1U 25V Z
C4F0	79PQ6255	C SMD CER F 0.1U 25V Z
C4F1	79PQ6255	C SMD CER F 0.1U 25V Z
C4F2	79PQ6255	C SMD CER F 0.1U 25V Z
C4F3	79PQ6255	C SMD CER F 0.1U 25V Z
C4F4	79PQ6255	C SMD CER F 0.1U 25V Z
C4F5	79PQ6255	C SMD CER F 0.1U 25V Z
C4F6	79PQ6255	C SMD CER F 0.1U 25V Z
C4F7	79PQ6255	C SMD CER F 0.1U 25V Z
C4F8	79PQ6255	C SMD CER F 0.1U 25V Z
C4F9	79PQ6255	C SMD CER F 0.1U 25V Z
C4FA	79PQ6255	C SMD CER F 0.1U 25V Z
C4FE	79PQ6255	C SMD CER F 0.1U 25V Z
C4FF	79PQ6255	C SMD CER F 0.1U 25V Z
C4FH	79PQ6255	C SMD CER F 0.1U 25V Z
C4FJ	79PQ6255	C SMD CER F 0.1U 25V Z
C4FK	79PQ6255	C SMD CER F 0.1U 25V Z
C4FL	79PQ6255	C SMD CER F 0.1U 25V Z
C4FM	79PQ6255	C SMD CER F 0.1U 25V Z
C4FMZ	79PQ6255	C SMD CER F 0.1U 25V Z
C4FN	79PQ6255	C SMD CER F 0.1U 25V Z
C4FP	79PQ6255	C SMD CER F 0.1U 25V Z
C4FQ	79PQ6255	C SMD CER F 0.1U 25V Z
C4FR	79PQ6255	C SMD CER F 0.1U 25V Z
C4FS	79PQ6255	C SMD CER F 0.1U 25V Z
C4FT	79PQ6255	C SMD CER F 0.1U 25V Z
C4FW	79PQ6224	C SMD ELE105 10U 16V M
C4FX	79PQ6259	C SMD CER BJ 2.2U 6.3V M
C4FY	79PQ6255	C SMD CER F 0.1U 25V Z
C551	79PQ6255	C SMD CER F 0.1U 25V Z
C552	79PQ6255	C SMD CER F 0.1U 25V Z
C553	79PQ6255	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NMV	DESCRIPTION
C554	79PQ6255	C SMD CER F 0.1U 25V Z
C555	79PQ6255	C SMD CER F 0.1U 25V Z
C556	79PQ6255	C SMD CER F 0.1U 25V Z
C561	79PQ6255	C SMD CER F 0.1U 25V Z
C562	79PQ6255	C SMD CER F 0.1U 25V Z
C563	79PQ6255	C SMD CER F 0.1U 25V Z
C564	79PQ6255	C SMD CER F 0.1U 25V Z
C565	79PQ6255	C SMD CER F 0.1U 25V Z
C566	79PQ6255	C SMD CER F 0.1U 25V Z
C801	79PQ6255	C SMD CER F 0.1U 25V Z
C802	79PQ6254	C SMD CER B 0.1U 16V K
C805	79PQ6255	C SMD CER F 0.1U 25V Z
C806	79PQ6255	C SMD CER F 0.1U 25V Z
C807	79PQ6255	C SMD CER F 0.1U 25V Z
C808	79PQ6255	C SMD CER F 0.1U 25V Z
C809	79PQ6255	C SMD CER F 0.1U 25V Z
C810	79PQ6255	C SMD CER F 0.1U 25V Z
C811	79PQ6255	C SMD CER F 0.1U 25V Z
C812	79PQ6255	C SMD CER F 0.1U 25V Z
C813	79PQ6255	C SMD CER F 0.1U 25V Z
C815	79PQ6255	C SMD CER F 0.1U 25V Z
C818	79PQ6255	C SMD CER F 0.1U 25V Z
C819	79PQ6255	C SMD CER F 0.1U 25V Z
C820	79PQ6254	C SMD CER B 0.1U 16V K
C821	79PQ6254	C SMD CER B 0.1U 16V K
C8A1	79PQ6255	C SMD CER F 0.1U 25V Z
C8A2	79PQ6255	C SMD CER F 0.1U 25V Z
C8E1	79PQ6255	C SMD CER F 0.1U 25V Z
C901	79PQ6223	C SAFE X 0.47U AC275V K
C902	79PQ6223	C SAFE X 0.47U AC275V K
C905	79PQ1982	SAFETY Y-CAP/D1000P/400VM
C906	79PQ6221	C ELE105 120U 450V SNAP-I
C907	79PQ6235	C FILM MM 0.01U 400V J
C910	79PQ6220	C ELE105 22U 50V M (T)
C911	79PQ6213	C ELE105 100U 35V M (T)
C912	79PQ6242	C SMD CER F 0.1U 50V Z
C913	79PQ5468	C SMD C0G 1000P 50V J 080
C914	79PQ6238	C SMD CER CH 10P 50V C
C915	79PQ6241	C SMD CER BJ 0.1U 25V K
C920	79PQ6240	C SMD CER B 0.01U 50V K
C925	79PQ6236	C FILM MM 0.47U 100V J
C926	79PQ6245	C SMD CER BJ 10U 6.3V K
C927	79PQ5790	C ELE105 4.7U 50V M (T)
C951	79PQ6218	C ELE105 1500U 25V M (T)
C952	79PQ6218	C ELE105 1500U 25V M (T)
C953	79PQ6217	C ELE105 1000U 25V M (T)
C954	79PQ6244	C SMD CER BJ 1U 16V M
C955	79PQ6222	C CER SL 150P 1KV J (T)

SYMBOL	Part No for NMV	DESCRIPTION
C9A2	79PQ6215	C ELE105 2.2U 50V M (T)
C9A3	79PQ6235	C FILM MM 0.01U 400V J
C9A4	79PQ6241	C SMD CER BJ 0.1U 25V K
C9A6	79PQ6243	C SMD CER BJ 1U 10V K
C9A7	79PQ6216	C ELE105 47U 25V M (T)
C9E1	79PQ6219	C ELE105 2200U 10V M (T)
C9E2	79PQ6243	C SMD CER BJ 1U 10V K
C9E3	79PQ6214	C ELE105 1000U 10V M (T)
C9X1	79PQ6237	C FILM PMS 0.47U 400V J
C9X2	79PQ6240	C SMD CER B 0.01U 50V K
C9X3	79PQ6248	C SMD CER B 470P 50V K
C9X4	79PQ6247	C SMD CER BJ 0.33U 16V K
C9X5	79PQ6239	C SMD CER SL 100P 50V J
CA05	79PQ6263	C SMD CER BJ 0.047U 16V K
CA06	79PQ6263	C SMD CER BJ 0.047U 16V K
CA07	79PQ6263	C SMD CER BJ 0.047U 16V K
CA08	79PQ6263	C SMD CER BJ 0.047U 16V K
CA09	79PQ6263	C SMD CER BJ 0.047U 16V K
CA10	79PQ6263	C SMD CER BJ 0.047U 16V K
CA12	79PQ6253	C SMD CER B 1000P 50V K
CA19	79PQ6253	C SMD CER B 1000P 50V K
CA20	79PQ6246	C SMD CER BJ 10U 6.3V M
CA21	79PQ6234	C SMD FILM ECHU 8200P 16V
CA22	79PQ6233	C SMD FILM ECHU 47000P 16
CA23	79PQ6255	C SMD CER F 0.1U 25V Z
CA24	79PQ6255	C SMD CER F 0.1U 25V Z
CA25	79PQ6255	C SMD CER F 0.1U 25V Z
CA26	79PQ6256	C SMD CER BJ 1U 6.3V K
CA28	79PQ6255	C SMD CER F 0.1U 25V Z
CA29	79PQ6255	C SMD CER F 0.1U 25V Z
CA2A	79PQ6232	C SMD FILM ECHU 15000P 16
CA36	79PQ6255	C SMD CER F 0.1U 25V Z
CA37	79PQ6255	C SMD CER F 0.1U 25V Z
CA38	79PQ6255	C SMD CER F 0.1U 25V Z
CA39	79PQ6255	C SMD CER F 0.1U 25V Z
CA40	79PQ6255	C SMD CER F 0.1U 25V Z
CA41	79PQ6255	C SMD CER F 0.1U 25V Z
CA42	79PQ6255	C SMD CER F 0.1U 25V Z
CA43	79PQ6255	C SMD CER F 0.1U 25V Z
CA44	79PQ6255	C SMD CER F 0.1U 25V Z
CA45	79PQ6255	C SMD CER F 0.1U 25V Z
CA53	79PQ6246	C SMD CER BJ 10U 6.3V M
CA67	79PQ6246	C SMD CER BJ 10U 6.3V M
CA70A	79PQ6246	C SMD CER BJ 10U 6.3V M
CA70B	79PQ6255	C SMD CER F 0.1U 25V Z
CA70G	79PQ6255	C SMD CER F 0.1U 25V Z
CA70R	79PQ6255	C SMD CER F 0.1U 25V Z
CA71B	79PQ6246	C SMD CER BJ 10U 6.3V M

SYMBOL	Part No for NMV	DESCRIPTION
CA71G	79PQ6246	C SMD CER BJ 10U 6.3V M
CA71R	79PQ6246	C SMD CER BJ 10U 6.3V M
CA72A	79PQ6255	C SMD CER F 0.1U 25V Z
CA72B	79PQ6255	C SMD CER F 0.1U 25V Z
CA72G	79PQ6255	C SMD CER F 0.1U 25V Z
CA72R	79PQ6255	C SMD CER F 0.1U 25V Z
CA73B	79PQ6251	C SMD CER CH 10P 50V D
CA73G	79PQ6251	C SMD CER CH 10P 50V D
CA73R	79PQ6251	C SMD CER CH 10P 50V D
CA74B	79PQ6255	C SMD CER F 0.1U 25V Z
CA74G	79PQ6255	C SMD CER F 0.1U 25V Z
CA74R	79PQ6255	C SMD CER F 0.1U 25V Z
CA75A	79PQ6246	C SMD CER BJ 10U 6.3V M
CA75B	79PQ6258	C SMD CER CH 22P 50V J
CA75G	79PQ6258	C SMD CER CH 22P 50V J
CA75R	79PQ6258	C SMD CER CH 22P 50V J
CA76B	79PQ6255	C SMD CER F 0.1U 25V Z
CA76G	79PQ6255	C SMD CER F 0.1U 25V Z
CA76R	79PQ6255	C SMD CER F 0.1U 25V Z
CA77A	79PQ6264	C SMD CER CH 68P 50V J
CA77B	79PQ6262	C SMD CER CH 47P 50V J
CA77G	79PQ6262	C SMD CER CH 47P 50V J
CA77R	79PQ6262	C SMD CER CH 47P 50V J
CA78A	79PQ6255	C SMD CER F 0.1U 25V Z
CA80A	79PQ6246	C SMD CER BJ 10U 6.3V M
CA80B	79PQ6255	C SMD CER F 0.1U 25V Z
CA80G	79PQ6255	C SMD CER F 0.1U 25V Z
CA80R	79PQ6255	C SMD CER F 0.1U 25V Z
CA81B	79PQ6246	C SMD CER BJ 10U 6.3V M
CA81G	79PQ6246	C SMD CER BJ 10U 6.3V M
CA81R	79PQ6246	C SMD CER BJ 10U 6.3V M
CA82B	79PQ6255	C SMD CER F 0.1U 25V Z
CA82G	79PQ6255	C SMD CER F 0.1U 25V Z
CA82R	79PQ6255	C SMD CER F 0.1U 25V Z
CA83B	79PQ6251	C SMD CER CH 10P 50V D
CA83G	79PQ6251	C SMD CER CH 10P 50V D
CA83R	79PQ6251	C SMD CER CH 10P 50V D
CA84B	79PQ6255	C SMD CER F 0.1U 25V Z
CA84G	79PQ6255	C SMD CER F 0.1U 25V Z
CA84R	79PQ6255	C SMD CER F 0.1U 25V Z
CA85A	79PQ6246	C SMD CER BJ 10U 6.3V M
CA85B	79PQ6258	C SMD CER CH 22P 50V J
CA85G	79PQ6258	C SMD CER CH 22P 50V J
CA85R	79PQ6258	C SMD CER CH 22P 50V J
CA86B	79PQ6255	C SMD CER F 0.1U 25V Z
CA86G	79PQ6255	C SMD CER F 0.1U 25V Z
CA86R	79PQ6255	C SMD CER F 0.1U 25V Z
CA87A	79PQ6264	C SMD CER CH 68P 50V J

SYMBOL	Part No for NMV	DESCRIPTION
CA87B	79PQ6262	C SMD CER CH 47P 50V J
CA87G	79PQ6262	C SMD CER CH 47P 50V J
CA87R	79PQ6262	C SMD CER CH 47P 50V J
CA88A	79PQ6255	C SMD CER F 0.1U 25V Z
CA90	79PQ6253	C SMD CER B 1000P 50V K
CA91	79PQ6253	C SMD CER B 1000P 50V K
CAA1	79PQ6255	C SMD CER F 0.1U 25V Z
CAA2	79PQ6255	C SMD CER F 0.1U 25V Z
CAA3	79PQ6255	C SMD CER F 0.1U 25V Z
CAA4	79PQ6255	C SMD CER F 0.1U 25V Z
CAA5	79PQ6255	C SMD CER F 0.1U 25V Z
CAA6	79PQ6224	C SMD ELE105 10U 16V M
CAH1	79PQ6256	C SMD CER BJ 1U 6.3V K
CAH2	79PQ6256	C SMD CER BJ 1U 6.3V K
CAH3	79PQ6265	C SMD CER B 6800P 50V K
CAH4	79PQ6265	C SMD CER B 6800P 50V K
CAM3	79PQ6246	C SMD CER BJ 10U 6.3V M
CAM4	79PQ6246	C SMD CER BJ 10U 6.3V M
CAN1	79PQ6256	C SMD CER BJ 1U 6.3V K
CAN2	79PQ6256	C SMD CER BJ 1U 6.3V K
CAN3	79PQ6265	C SMD CER B 6800P 50V K
CAN4	79PQ6265	C SMD CER B 6800P 50V K
CK01	79PQ6255	C SMD CER F 0.1U 25V Z
CK02	79PQ6255	C SMD CER F 0.1U 25V Z
CK03	79PQ6255	C SMD CER F 0.1U 25V Z
CK04	79PQ6255	C SMD CER F 0.1U 25V Z
CK05	79PQ6255	C SMD CER F 0.1U 25V Z
CK06	79PQ6255	C SMD CER F 0.1U 25V Z
CK07	79PQ6255	C SMD CER F 0.1U 25V Z
CK08	79PQ6255	C SMD CER F 0.1U 25V Z
CK09	79PQ6252	C SMD CER CH 100P 50V J
CK10	79PQ6252	C SMD CER CH 100P 50V J
CK11	79PQ6252	C SMD CER CH 100P 50V J
CK12	79PQ6252	C SMD CER CH 100P 50V J
CK13	79PQ6252	C SMD CER CH 100P 50V J
CK14	79PQ6246	C SMD CER BJ 10U 6.3V M
CK16	79PQ6226	C SMD ELE105 100U 16V M
CK17	79PQ6252	C SMD CER CH 100P 50V J
CK18	79PQ6246	C SMD CER BJ 10U 6.3V M
CK19	79PQ6255	C SMD CER F 0.1U 25V Z
CK20	79PQ6255	C SMD CER F 0.1U 25V Z
CK21	79PQ6255	C SMD CER F 0.1U 25V Z
CK22	79PQ6255	C SMD CER F 0.1U 25V Z
CK23	79PQ6255	C SMD CER F 0.1U 25V Z
CK24	79PQ6255	C SMD CER F 0.1U 25V Z
CK25	79PQ6255	C SMD CER F 0.1U 25V Z
CK26	79PQ6255	C SMD CER F 0.1U 25V Z
CK27	79PQ6252	C SMD CER CH 100P 50V J

SYMBOL	Part No for NMV	DESCRIPTION
CK28	79PQ6252	C SMD CER CH 100P 50V J
CK29	79PQ6252	C SMD CER CH 100P 50V J
CK30	79PQ6252	C SMD CER CH 100P 50V J
CK31	79PQ6252	C SMD CER CH 100P 50V J
CK32	79PQ6246	C SMD CER BJ 10U 6.3V M
CK34	79PQ6226	C SMD ELE105 100U 16V M
CK35	79PQ6252	C SMD CER CH 100P 50V J
CK36	79PQ6246	C SMD CER BJ 10U 6.3V M
CKF1	79PQ6255	C SMD CER F 0.1U 25V Z
CKF2	79PQ6255	C SMD CER F 0.1U 25V Z

REPLACEMENT PARTS LIST

(For Asia / Pacific)

The components specified for Model LCD2080UX-BK(A)

Manufactured by NPG

SYMBOL	Part No for NMV	DESCRIPTION
*** ICS ***		
IC201	79PQ6140	IC SMD BA00BC0WFP
IC221	79PQ6138	IC SMD PQ1CZ21H2ZP
IC222	79PQ6140	IC SMD BA00BC0WFP
IC251	79PQ6139	IC SMD L4978 REGULATOR
IC271	79PQ6140	IC SMD BA00BC0WFP
IC272	79PQ6140	IC SMD BA00BC0WFP
IC2A1	79PQ6138	IC SMD PQ1CZ21H2ZP
IC401	79PQ6128	IC SMD PW164B
IC402	79PQ6123	IC SMD LH28F800-L202V03
IC403	79PQ6134	IC SMD ICS332M-L202EV
IC405	79PQ6131	IC SMDSN74AHC2G125H MOS
IC4A1	79PQ6126	IC SMD UPD65545-Y-6C
IC4A2	79PQ6129	IC SMD NC7WZ14
IC4A3	79PQ6129	IC SMD NC7WZ14
IC551	79PQ5768	IC SMD DS90C385MTD MOS
IC552	79PQ5768	IC SMD DS90C385MTD MOS
IC801	79PQ5301	IC RESET M51957AFP
IC802	79PQ5301	IC RESET M51957AFP
IC803	79PQ6130	IC SMD CAT24WC64JI-TE13 M
IC804	79PQ6124	IC SMD M30625MGN-A26GP
IC8A1	79PQ5255	IC SMD BU9882F-WE2 MOS
IC8A2	79PQ6136	IC SMD X9116WM8-2.7T4 MOS
IC8A3	79PQ6136	IC SMD X9116WM8-2.7T4 MOS
IC8A4	79PQ6135	IC SMD SN74CBT1G125DCK
IC8A5	79PQ6135	IC SMD SN74CBT1G125DCK
IC8F1	79PQ5255	IC SMD BU9882F-WE2 MOS
IC901	79PQ6120	IC STR-E1717 LF NO. 1064
IC951	79PQ6122	IC TL431ACLP
IC9A1	79PQ6121	IC MIP2E2DMY0LE
IC9A2	79PQ6141	IC SMD XN04A8800L
IC9E1	79PQ6122	IC TL431ACLP
ICA01	79PQ6125	IC SMD AD9888KS-170
ICA70A	79PQ6137	IC SMD AD8002AR
ICAA1	79PQ6129	IC SMD NC7WZ14
ICAA2	79PQ6129	IC SMD NC7WZ14
ICAA3	79PQ6133	IC SMD SN74CBTLV1G125DCK
ICAA4	79PQ6133	IC SMD SN74CBTLV1G125DCK
ICAA5	79PQ6142	IC SMD TA76431F
ICAA6	79PQ6132	IC SMD SN74CBTLV3125PW
ICK01	79PQ6127	IC SMD TFP401 MOS
ICK02	79PQ6127	IC SMD TFP401 MOS

SYMBOL	Part No for NMV	DESCRIPTION
PC901	79PQ5663	IC PHOTO COUPLE PC123Y
PC911	79PQ5663	IC PHOTO COUPLE PC123Y
PC9A1	79PQ5663	IC PHOTO COUPLE PC123Y

*** TRANSISTORS ***

Q101	79PQ6110	TR SMD DTC143ZKA-T146
Q102	79PQ6114	TR SMD 2SA1162-GR
Q104	79PQ6110	TR SMD DTC143ZKA-T146
Q105	79PQ6114	TR SMD 2SA1162-GR
Q151	79PQ6115	FET SMD 2SJ580-TD
Q152	79PQ6106	TR SMD 2SA1037AK-T146 Q
Q153	79PQ5517	CHIP TR NPN 2SC2412K-T146
Q154	79PQ6108	TR SMD DTC144EKA-T146(O)
Q155	79PQ6108	TR SMD DTC144EKA-T146(O)
Q156	79PQ6109	TR SMD DTA144EKA
Q157	79PQ6108	TR SMD DTC144EKA-T146(O)
Q261	79PQ6108	TR SMD DTC144EKA-T146(O)
Q262	79PQ6119	FET SMD 2SJ377(TE16L)
Q265	79PQ6117	FET SMD 2SK3018-T106
Q271	79PQ6108	TR SMD DTC144EKA-T146(O)
Q272	79PQ6108	TR SMD DTC144EKA-T146(O)
Q451	79PQ6114	TR SMD 2SA1162-GR
Q452	79PQ6108	TR SMD DTC144EKA-T146(O)
Q453	79PQ6108	TR SMD DTC144EKA-T146(O)
Q805	79PQ6108	TR SMD DTC144EKA-T146(O)
Q806	79PQ6113	TR SMD 2SC3734
Q807	79PQ6113	TR SMD 2SC3734
Q861	79PQ6117	FET SMD 2SK3018-T106
Q863	79PQ6117	FET SMD 2SK3018-T106
Q8A3	79PQ6108	TR SMD DTC144EKA-T146(O)
Q8E1	79PQ6108	TR SMD DTC144EKA-T146(O)
Q8E5	79PQ6108	TR SMD DTC144EKA-T146(O)
Q8E6	79PQ6108	TR SMD DTC144EKA-T146(O)
Q901	79PQ6116	FET 2SK3673-01MR-F111
Q908	79PQ6118	FET SMD 2SK2715 P
Q911	79PQ6106	TR SMD 2SA1037AK-T146 Q
Q912	79PQ5517	CHIP TR NPN 2SC2412K-T146
Q913	79PQ5517	CHIP TR NPN 2SC2412K-T146
Q930	79PQ6108	TR SMD DTC144EKA-T146(O)
Q931	79PQ6105	TR 2SC5562
Q932	79PQ6108	TR SMD DTC144EKA-T146(O)
Q933	79PQ6111	TR SMD DTB114EK
Q9E1	79PQ6108	TR SMD DTC144EKA-T146(O)
QA70A	79PQ6108	TR SMD DTC144EKA-T146(O)
QA70B	79PQ6112	TR SMD 2SC5084-O
QA70G	79PQ6112	TR SMD 2SC5084-O
QA70R	79PQ6112	TR SMD 2SC5084-O
QA71A	79PQ6115	FET SMD 2SJ580-TD

SYMBOL	Part No for NMV	DESCRIPTION
QA71B	79PQ6109	TR SMD DTA144EKA
QA71G	79PQ6109	TR SMD DTA144EKA
QA71R	79PQ6109	TR SMD DTA144EKA
QA72A	79PQ6109	TR SMD DTA144EKA
QA72B	79PQ6109	TR SMD DTA144EKA
QA72G	79PQ6109	TR SMD DTA144EKA
QA72R	79PQ6109	TR SMD DTA144EKA
QA73B	79PQ6109	TR SMD DTA144EKA
QA73G	79PQ6109	TR SMD DTA144EKA
QA73R	79PQ6109	TR SMD DTA144EKA
QA80B	79PQ6112	TR SMD 2SC5084-O
QA80G	79PQ6112	TR SMD 2SC5084-O
QA80R	79PQ6112	TR SMD 2SC5084-O
QA81B	79PQ6109	TR SMD DTA144EKA
QA81G	79PQ6109	TR SMD DTA144EKA
QA81R	79PQ6109	TR SMD DTA144EKA
QA82B	79PQ6109	TR SMD DTA144EKA
QA82G	79PQ6109	TR SMD DTA144EKA
QA82R	79PQ6109	TR SMD DTA144EKA
QA83B	79PQ6109	TR SMD DTA144EKA
QA83G	79PQ6109	TR SMD DTA144EKA
QA83R	79PQ6109	TR SMD DTA144EKA
QAA1	79PQ6108	TR SMD DTC144EKA-T146(O)
QAH1	79PQ6107	TR SMD 2SA1434-TB
QAH2	79PQ6107	TR SMD 2SA1434-TB
QAM1	79PQ6113	TR SMD 2SC3734
QAM2	79PQ6113	TR SMD 2SC3734
QAN1	79PQ6107	TR SMD 2SA1434-TB
QAN2	79PQ6107	TR SMD 2SA1434-TB
QKF1	79PQ6106	TR SMD 2SA1037AK-T146 Q

*** DIODES ***

D151	79PQ5251	CHIP DIODE/T 1SS355TE-17
D152	79PQ6150	DI SMD RB715F-T106
D221	79PQ6152	DI SMD SFPB-64
D222	79PQ5251	CHIP DIODE/T 1SS355TE-17
D271	79PQ5251	CHIP DIODE/T 1SS355TE-17
D272	79PQ5251	CHIP DIODE/T 1SS355TE-17
D273	79PQ5251	CHIP DIODE/T 1SS355TE-17
D274	79PQ5671	DIODE RB495D
D275	79PQ5671	DIODE RB495D
D2A1	79PQ6152	DI SMD SFPB-64
D2M1	79PQ6152	DI SMD SFPB-64
D901	79PQ6143	DI D3SBA60
D902	79PQ6147	DI RM10A (T)
D907	79PQ6148	DI EG01CV1-T
D911	79PQ6153	DI SMD 1SR156-400
D912	79PQ6155	DI SMD MA2Z001

SYMBOL	Part No for NMV	DESCRIPTION
D913	79PQ6156	DI SMD DG1M3
D914	79PQ6156	DI SMD DG1M3
D915	79PQ6155	DI SMD MA2Z001
D930	79PQ5251	CHIP DIODE/T 1SS355TE-17
D951	79PQ6144	DI FMX-22S
D9A1	79PQ6148	DI EG01CV1-T
D9A2	79PQ6155	DI SMD MA2Z001
D9E1	79PQ6145	DI RK39
D9X1	79PQ6146	DI FMG-G26S
D9X2	79PQ6154	DI SMD SFPL-52
DA01	79PQ5558	CHIP DIODE DAN217 T146
DA02	79PQ5558	CHIP DIODE DAN217 T146
DA03	79PQ5558	CHIP DIODE DAN217 T146
DA04	79PQ5251	CHIP DIODE/T 1SS355TE-17
DA11	79PQ5558	CHIP DIODE DAN217 T146
DA12	79PQ5558	CHIP DIODE DAN217 T146
DA13	79PQ5558	CHIP DIODE DAN217 T146
DA70A	79PQ6149	DI SMD 1SS356
DA71B	79PQ6149	DI SMD 1SS356
DA71G	79PQ6149	DI SMD 1SS356
DA71R	79PQ6149	DI SMD 1SS356
DA72B	79PQ6149	DI SMD 1SS356
DA72G	79PQ6149	DI SMD 1SS356
DA72R	79PQ6149	DI SMD 1SS356
DA73B	79PQ6149	DI SMD 1SS356
DA73G	79PQ6149	DI SMD 1SS356
DA73R	79PQ6149	DI SMD 1SS356
DA80A	79PQ6149	DI SMD 1SS356
DA81B	79PQ6149	DI SMD 1SS356
DA81G	79PQ6149	DI SMD 1SS356
DA81R	79PQ6149	DI SMD 1SS356
DA82B	79PQ6149	DI SMD 1SS356
DA82G	79PQ6149	DI SMD 1SS356
DA82R	79PQ6149	DI SMD 1SS356
DA83B	79PQ6149	DI SMD 1SS356
DA83G	79PQ6149	DI SMD 1SS356
DA83R	79PQ6149	DI SMD 1SS356
ZD8G2	79PQ6151	DI SMD STZ6.2N
ZD908	79PQ6163	ZD SMD UDZS7.5BTE-17
ZD910	79PQ6165	ZD SMD UDZS27BTE-17
ZD917	79PQ6164	ZD SMD UDZS18BTE-17
ZD918	79PQ6162	ZD SMD UDZS5.1BTE-17
ZD919	79PQ6161	ZD SMD UDZS4.7BTE-17
ZD920	79PQ6165	ZD SMD UDZS27BTE-17
ZD930	79PQ6163	ZD SMD UDZS7.5BTE-17
ZD9A4	79PQ6164	ZD SMD UDZS18BTE-17
ZDA01	79PQ6157	DI SMD DF5A6.2F(TE)
ZDA11	79PQ6157	DI SMD DF5A6.2F(TE)

SYMBOL	Part No for NMV	DESCRIPTION
*** TRANSFORMERS ***		
T901	79PQ6275	TRANS SWITCH ST-1102A
T9A1	79PQ6276	TRANS SWITCH L2.3MH
*** RELAYS & SWITCHES ***		
SW901	79PQ6283	SW SEESAW SDDJE14500
*** PWB ASSYS ***		
MANSAS	79PQ6103	MAIN INSERT ASSY
PWNSAS	79PQ6104	POWER INSERT ASSY
XJM01	79PQ6286	INVERTER UNIT L202EV
*** COILS & FILTERS ***		
FL203	79PQ6273	L SMD NFM60R30T222T1
FL2M1	79PQ6273	L SMD NFM60R30T222T1
FL901	79PQ6266	L LINE FILTER LFZ28H05
L115	79PQ6279	L BEAD SMD BK1608LM252-T
L116	79PQ6279	L BEAD SMD BK1608LM252-T
L117	79PQ6279	L BEAD SMD BK1608LM252-T
L118	79PQ6279	L BEAD SMD BK1608LM252-T
L119	79PQ6279	L BEAD SMD BK1608LM252-T
L120	79PQ6279	L BEAD SMD BK1608LM252-T
L121	79PQ6279	L BEAD SMD BK1608LM252-T
L122	79PQ6279	L BEAD SMD BK1608LM252-T
L123	79PQ6279	L BEAD SMD BK1608LM252-T
L125	79PQ6279	L BEAD SMD BK1608LM252-T
L221	79PQ6280	L BEAD SMD FBMH3216HM501N
L222	79PQ6280	L BEAD SMD FBMH3216HM501N
L223	79PQ6272	L SMD SLF10145T-101M1R0-P
L261	79PQ6280	L BEAD SMD FBMH3216HM501N
L262	79PQ6281	L BEAD SMD FBMH4525HM102N
L263	79PQ6280	L BEAD SMD FBMH3216HM501N
L271	79PQ6280	L BEAD SMD FBMH3216HM501N
L272	79PQ6280	L BEAD SMD FBMH3216HM501N
L2A1	79PQ6272	L SMD SLF10145T-101M1R0-P
L2A2	79PQ6280	L BEAD SMD FBMH3216HM501N
L2M1	79PQ6271	L SMD SLF12565T-101M1R6
L405	79PQ6280	L BEAD SMD FBMH3216HM501N
L406	79PQ6280	L BEAD SMD FBMH3216HM501N
L451	79PQ6279	L BEAD SMD BK1608LM252-T
L452	79PQ6277	L BEAD SMD BK1608HS800-T
L453	79PQ6277	L BEAD SMD BK1608HS800-T
L454	79PQ6279	L BEAD SMD BK1608LM252-T
L459	79PQ6279	L BEAD SMD BK1608LM252-T
L4A1	79PQ6279	L BEAD SMD BK1608LM252-T
L4A2	79PQ6280	L BEAD SMD FBMH3216HM501N
L4A3	79PQ6280	L BEAD SMD FBMH3216HM501N

SYMBOL	Part No for NMV	DESCRIPTION
L4A4	79PQ6282	L BEAD SMD BKP1608HS330-T
L4A5	79PQ6282	L BEAD SMD BKP1608HS330-T
L551	79PQ6278	L BEAD SMD BK1608HS601-T
L552	79PQ6278	L BEAD SMD BK1608HS601-T
L553	79PQ6278	L BEAD SMD BK1608HS601-T
L561	79PQ6278	L BEAD SMD BK1608HS601-T
L562	79PQ6278	L BEAD SMD BK1608HS601-T
L563	79PQ6278	L BEAD SMD BK1608HS601-T
L951	79PQ6270	L SBC7-100-532
L9A1	79PQ6274	L SMD LEMC3225T101K
L9E1	79PQ6269	L CHOKE TSL1112RA-100M3R7
L9X1	79PQ6267	L PFC COIL 77A-2702
L9X2	79PQ6268	L CHOKE 72U2A SF1-T8-50S-
LAA3	79PQ6282	L BEAD SMD BKP1608HS330-T
LAA4	79PQ6282	L BEAD SMD BKP1608HS330-T
LAA5	79PQ6282	L BEAD SMD BKP1608HS330-T
LAA6	79PQ6282	L BEAD SMD BKP1608HS330-T
LAA7	79PQ6282	L BEAD SMD BKP1608HS330-T
LAH1	79PQ6282	L BEAD SMD BKP1608HS330-T
LAH2	79PQ6282	L BEAD SMD BKP1608HS330-T
LAN1	79PQ6282	L BEAD SMD BKP1608HS330-T
LAN2	79PQ6282	L BEAD SMD BKP1608HS330-T

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

CN951	79PQ6287	WIRE CB14P 1007#26L100
F901	79PQ3032	FUSE SG5013 3.15 PF 250V
OSC4A1	79PQ6160	OSC SMD IC 55MHZ
TH901	79PQ6167	NTCR 10D2-10LC
VD901	79PQ5332	VARISTOR ENE471D-10A
X402	79PQ6158	OSC SMD XTAL 14.31818MHZ
X7A01	79PQ6288	WIRE CC30P 1516#30L250
X7A02	79PQ6289	WIRE CB13P 1007#26L70
X801	79PQ6159	OSC SMD CSTCR7M37G53-R0
XDJM02	79PQ6285	CABLE BUTTON BLK
XDRE03	79PQ6292	CABLE VI DVID-DVID 2M BK
XDRE04	79PQ6293	CABLE VI DVID-DSUB 2M BK
XDRG02	79PQ6296	PW CORD NA 2.0M BLK I-SHE
XJG01	3A684034	LCD LM201U03 LGPHILIPS

*** APPEARANCE PARTS ***

BAAS	79PQ6063	BACK ASSY,L202EV(BK,N)
BE	79PQ6075	BEZEL,L202EV(BK,N)
BRBAAS	79PQ6065	BRACKET BASE ASSY,L202EV
CVCA	79PQ6082	COVER CABLE,L202EV(BK)
STCV	79PQ6080	STAND COVER TB,L202EV(BK)
STUN	79PQ6078	STAND UNIT,L202EV(BK)

SYMBOL	Part No for NMV	DESCRIPTION
*** PRINTED & PACKING MATERIALS ***		
CABX	79PQ6067	CARTON BOX,L202EV(BKA)
CASHL	79PQ6084	CARTON SHEET,L202EV
FLB	79PQ6086	FILLER B,L202EV
FLC	79PQ6087	FILLER C,L202EV
FLT	79PQ6085	FILLER T,L202EV
LVSH	79PQ6098	LVIEW SHEET
MANU	79PQ6090	MANUAL,L202EV(A)
NAFL	79PQ2790	NAVISET CARTON BOX FLYER
PABAG	79PQ6089	PACKING BAG(BK)
PEBAG	79PQ5129	PE BAG (340*225)
PROTE	79PQ6052	PROTECTION SHEET
RALA	79PQ6418	RATING LABEL,L202EV(BK)
SHSE	79PQ6095	SHEET SETUP,L202EV(A)
*** RESISTORS ***		
J921	79EN0189	R SMD 1/4W(T) 5% 0
J923	79EN0189	R SMD 1/4W(T) 5% 0
J924	79EN0189	R SMD 1/4W(T) 5% 0
J925	79EN0189	R SMD 1/4W(T) 5% 0
J926	79EN0189	R SMD 1/4W(T) 5% 0
J927	79EN0189	R SMD 1/4W(T) 5% 0
J928	79EN0189	R SMD 1/4W(T) 5% 0
J929	79EN0189	R SMD 1/4W(T) 5% 0
J930	79PQ6212	R SMD METAL 1/4W 0 JUMPER
J940	79EN0189	R SMD 1/4W(T) 5% 0
J961	79EN0189	R SMD 1/4W(T) 5% 0
J962	79EN0189	R SMD 1/4W(T) 5% 0
MR401	79PQ6209	R NET SMD 1/16W 150 J
MR402	79PQ6209	R NET SMD 1/16W 150 J
MR403	79PQ6209	R NET SMD 1/16W 150 J
MR404	79PQ6209	R NET SMD 1/16W 150 J
MR405	79PQ6209	R NET SMD 1/16W 150 J
MR406	79PQ6209	R NET SMD 1/16W 150 J
MR407	79PQ6209	R NET SMD 1/16W 150 J
MR408	79PQ6209	R NET SMD 1/16W 150 J
MR409	79PQ6209	R NET SMD 1/16W 150 J
MR410	79PQ6209	R NET SMD 1/16W 150 J
MR411	79PQ6209	R NET SMD 1/16W 150 J
MR412	79PQ6209	R NET SMD 1/16W 150 J
MR4G1	79PQ6207	R NET SMD 1/16W 33 J
MR4G3	79PQ6207	R NET SMD 1/16W 33 J
MR4G5	79PQ6207	R NET SMD 1/16W 33 J
MR4G7	79PQ6207	R NET SMD 1/16W 33 J
MR4G9	79PQ6207	R NET SMD 1/16W 33 J
MR4H1	79PQ6207	R NET SMD 1/16W 33 J
MRA01	79PQ6208	R NET SMD 1/16W 100 J
MRA03	79PQ6208	R NET SMD 1/16W 100 J
MRA05	79PQ6208	R NET SMD 1/16W 100 J

SYMBOL	Part No for NMV	DESCRIPTION
MRA07	79PQ6208	R NET SMD 1/16W 100 J
MRA09	79PQ6208	R NET SMD 1/16W 100 J
MRA11	79PQ6208	R NET SMD 1/16W 100 J
MRK01	79PQ6207	R NET SMD 1/16W 33 J
MRK03	79PQ6207	R NET SMD 1/16W 33 J
MRK05	79PQ6207	R NET SMD 1/16W 33 J
MRK07	79PQ6207	R NET SMD 1/16W 33 J
MRK09	79PQ6207	R NET SMD 1/16W 33 J
MRK11	79PQ6207	R NET SMD 1/16W 33 J
MRK13	79PQ6207	R NET SMD 1/16W 33 J
MRK15	79PQ6207	R NET SMD 1/16W 33 J
MRK17	79PQ6207	R NET SMD 1/16W 33 J
MRK19	79PQ6207	R NET SMD 1/16W 33 J
MRK21	79PQ6207	R NET SMD 1/16W 33 J
MRK23	79PQ6207	R NET SMD 1/16W 33 J
R101	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
R102	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
R103	79EN0158	R SMD 1/10W(T) 1% 180
R105	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
R106	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
R107	79EN0158	R SMD 1/10W(T) 1% 180
R117	79PQ1892	CHIP 1/8W(T) 5% 1K
R118	79PQ1892	CHIP 1/8W(T) 5% 1K
R119	79PQ1892	CHIP 1/8W(T) 5% 1K
R120	79PQ1892	CHIP 1/8W(T) 5% 1K
R121	79PQ1892	CHIP 1/8W(T) 5% 1K
R122	79PQ1892	CHIP 1/8W(T) 5% 1K
R123	79PQ1892	CHIP 1/8W(T) 5% 1K
R125	79PQ1892	CHIP 1/8W(T) 5% 1K
R151	79PQ6189	R SMD METAL 1/10W 1.5K F
R152	79PQ5869	R SMD METAL 1/10W 2.7K J
R153	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R154	79PQ5869	R SMD METAL 1/10W 2.7K J
R155	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R156	79PQ6178	R SMD METAL 1/10W 820K J
R157	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R158	79PQ6176	R SMD METAL 1/10W 56K J T
R159	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R15A	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R15E	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R15F	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R15L	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R201	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R202	79PQ6197	R SMD METAL 1/10W 56K F
R203	79EN0781	R SMD 1/10W(T) 1% 33K
R221	79PQ5316	CHIP RES 1/10W(T) 1% 1.8K
R222	79EN0780	R SMD 1/10W(T) 1% 27K
R223	79PQ6188	R SMD METAL 1/10W 1.2K F

SYMBOL	Part No for NMV	DESCRIPTION
R224	79PQ6194	R SMD METAL 1/10W 30K F
R225	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R226	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R261	79EN0183	R SMD 1/10W(T) 5% 33K
R262	79EN0183	R SMD 1/10W(T) 5% 33K
R266	79PQ5313	CHIP RES 1/10W(T) 1% 150K
R267	79EN0781	R SMD 1/10W(T) 1% 33K
R268	79PQ6210	R SMD METAL 1/2W 680 J
R269	79PQ6210	R SMD METAL 1/2W 680 J
R26A	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R271	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
R272	79PQ6175	R SMD METAL 1/10W 5.6K J
R273	79PQ6197	R SMD METAL 1/10W 56K F
R274	79EN0781	R SMD 1/10W(T) 1% 33K
R274A	79PQ5684	CHIP RES 1/10W(T) 1% 2.2K
R275	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
R276	79EN0781	R SMD 1/10W(T) 1% 33K
R277	79EN0781	R SMD 1/10W(T) 1% 33K
R277A	79PQ6188	R SMD METAL 1/10W 1.2K F
R278	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R2A1	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R2A2	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R2A3	79PQ6195	R SMD METAL 1/10W 390 F
R2A4	79PQ5280	CHIP RES 1/10W(T) 1% 1KOH
R2A5	79PQ6199	R SMD METAL 1/10W 8.2K F
R2A7	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R2M1	79PQ5278	CHIP RES 1/10W(T) 1% 4.7K
R2M2	79PQ6191	R SMD METAL 1/10W 22K F
R2M3	79PQ6188	R SMD METAL 1/10W 1.2K F
R2M4	79PQ5278	CHIP RES 1/10W(T) 1% 4.7K
R2M5	79PQ6200	R SMD METAL 1/10W 82 F
R402	79PQ6198	R SMD METAL 1/10W 62 F
R403	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
R405	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
R409	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R412	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R415	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R416	79PQ5039	CHIP 1/10W(T) 5% 47K
R418	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
R422	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
R429	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R430	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R433	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R435	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R449	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
R451	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
R452	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
R453	79PQ5675	CHIP RES 1/10W(T) 5% 10KO

SYMBOL	Part No for NMV	DESCRIPTION
R454	79PQ5039	CHIP 1/10W(T) 5% 47K
R455	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R456	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R457	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R458	79PQ5039	CHIP 1/10W(T) 5% 47K
R459	79PQ5039	CHIP 1/10W(T) 5% 47K
R45E	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R45K	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R45P	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R45T	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R463	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R464	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R465	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R466	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R467	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R468	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R470	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R4A2	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R4A3	79EN0184	R SMD 1/10W(T) 5% 33
R4A4	79EN0184	R SMD 1/10W(T) 5% 33
R4A5	79EN0184	R SMD 1/10W(T) 5% 33
R4A6	79EN0184	R SMD 1/10W(T) 5% 33
R4A7	79EN0184	R SMD 1/10W(T) 5% 33
R4A8	79EN0184	R SMD 1/10W(T) 5% 33
R4A9	79EN0184	R SMD 1/10W(T) 5% 33
R4AK	79EN0184	R SMD 1/10W(T) 5% 33
R4AL	79EN0184	R SMD 1/10W(T) 5% 33
R4AM	79EN0184	R SMD 1/10W(T) 5% 33
R4AN	79EN0184	R SMD 1/10W(T) 5% 33
R4AP	79EN0184	R SMD 1/10W(T) 5% 33
R4AT	79EN0184	R SMD 1/10W(T) 5% 33
R4E0	79EN0184	R SMD 1/10W(T) 5% 33
R4E1	79EN0184	R SMD 1/10W(T) 5% 33
R4E2	79EN0184	R SMD 1/10W(T) 5% 33
R4E3	79EN0184	R SMD 1/10W(T) 5% 33
R4E4	79EN0184	R SMD 1/10W(T) 5% 33
R4E5	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4E6	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4E7	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4E8	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4E9	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4EA	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R550	79PQ6186	R SMD METAL 1/4W 5.1K J T
R801	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R802	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R803	79EN0780	R SMD 1/10W(T) 1% 27K
R805	79PQ6192	R SMD METAL 1/10W 24K F
R806	79PQ5039	CHIP 1/10W(T) 5% 47K

SYMBOL	Part No for NMV	DESCRIPTION
R807	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R808	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R809	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R811	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R812	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R813	79EN0184	R SMD 1/10W(T) 5% 33
R814	79EN0184	R SMD 1/10W(T) 5% 33
R815	79EN0184	R SMD 1/10W(T) 5% 33
R816	79EN0184	R SMD 1/10W(T) 5% 33
R818	79EN0184	R SMD 1/10W(T) 5% 33
R819	79EN0184	R SMD 1/10W(T) 5% 33
R820	79EN0184	R SMD 1/10W(T) 5% 33
R821	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R822	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R823	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R826	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R827	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R828	79PQ5039	CHIP 1/10W(T) 5% 47K
R829	79PQ5039	CHIP 1/10W(T) 5% 47K
R830	79PQ5039	CHIP 1/10W(T) 5% 47K
R831	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R832	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R833	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R834	79PQ5039	CHIP 1/10W(T) 5% 47K
R838	79EN0184	R SMD 1/10W(T) 5% 33
R839	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R840	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R841	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R842	79PQ5039	CHIP 1/10W(T) 5% 47K
R844	79PQ5039	CHIP 1/10W(T) 5% 47K
R845	79PQ5039	CHIP 1/10W(T) 5% 47K
R846	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R849	79PQ6190	R SMD METAL 1/10W 18K F
R850	79EN0162	R SMD 1/10W(T) 1% 220K
R883	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R885	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R886	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R887	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R889	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R890	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R891	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R8A2	79PQ6211	R SMD METAL 1W 33 J
R8A4	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8A5	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8A6	79PQ5039	CHIP 1/10W(T) 5% 47K
R8A7	79PQ5039	CHIP 1/10W(T) 5% 47K
R8AA	79PQ5039	CHIP 1/10W(T) 5% 47K
R8AE	79PQ5039	CHIP 1/10W(T) 5% 47K

SYMBOL	Part No for NMV	DESCRIPTION
R8AL	79PQ5039	CHIP 1/10W(T) 5% 47K
R8AX	79PQ5039	CHIP 1/10W(T) 5% 47K
R8AY	79PQ5039	CHIP 1/10W(T) 5% 47K
R8E1	79PQ5039	CHIP 1/10W(T) 5% 47K
R8E7	79PQ5039	CHIP 1/10W(T) 5% 47K
R8E8	79PQ5039	CHIP 1/10W(T) 5% 47K
R8E9	79PQ5039	CHIP 1/10W(T) 5% 47K
R8EA	79PQ5039	CHIP 1/10W(T) 5% 47K
R8EF	79PQ5039	CHIP 1/10W(T) 5% 47K
R8F2	79PQ6211	R SMD METAL 1W 33 J
R8F3	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R8F4	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8F5	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8F6	79PQ5039	CHIP 1/10W(T) 5% 47K
R8F7	79PQ5039	CHIP 1/10W(T) 5% 47K
R8FX	79PQ5039	CHIP 1/10W(T) 5% 47K
R8FY	79PQ5039	CHIP 1/10W(T) 5% 47K
R8G2	79PQ6211	R SMD METAL 1W 33 J
R8G3	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R8G4	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8G5	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R901	79PQ6185	R SMD METAL 1/4W 470K J T
R902	79PQ6185	R SMD METAL 1/4W 470K J T
R903	79PQ6185	R SMD METAL 1/4W 470K J T
R904	79PQ6181	R SMD METAL 1/4W 1M J
R905	79PQ6181	R SMD METAL 1/4W 1M J
R906	79PQ6181	R SMD METAL 1/4W 1M J
R907	79PQ6169	R MOF 2W/M 100K J (A)
R908	79PQ6187	R SMD METAL 1/3W 2.2K J T
R909	79PQ6170	R MOF 2W/M 0.33 J(A)
R910	79PQ1897	CHIP 1/8W(T) 5% 22K
R911	79PQ6201	R SMD METAL 1/8W 4.7 F T
R912	79PQ6204	R SMD METAL 1/4W 10K F T
R913	79PQ6202	R SMD METAL 1/8W 680 F T
R914	79PQ5310	CHIP RES 1/8W(T) 5% 100KO
R915	79PQ6166	R CARBON 1/4W 5.6 J M T
R916	79PQ1896	CHIP 1/8W(T) 5% 220H
R917	79EN0232	R SMD 1/8W(T) 5% 470
R918	79PQ1891	CHIP 1/8W(T) 5% 100H
R920	79PQ1893	CHIP 1/8W(T) 5% 10K
R921	79PQ1898	CHIP 1/8W(T) 5% 33K
R922	79PQ6184	R SMD METAL 1/4W 33K J T
R923	79PQ1893	CHIP 1/8W(T) 5% 10K
R924	79PQ1893	CHIP 1/8W(T) 5% 10K
R925	79PQ1898	CHIP 1/8W(T) 5% 33K
R926	79PQ6203	R SMD METAL 1/8W 9.1K F T
R927	79PQ5310	CHIP RES 1/8W(T) 5% 100KO
R928	79PQ1902	CHIP 1/8W(T) 1% 10K

SYMBOL	Part No for NMV	DESCRIPTION
R929	79PQ1893	CHIP 1/8W(T) 5% 10K
R931	79PQ1897	CHIP 1/8W(T) 5% 22K
R933	79PQ5310	CHIP RES 1/8W(T) 5% 100KO
R934	79PQ1893	CHIP 1/8W(T) 5% 10K
R935	79PQ6181	R SMD METAL 1/4W 1M J
R936	79PQ6181	R SMD METAL 1/4W 1M J
R937	79PQ6181	R SMD METAL 1/4W 1M J
R951	79PQ5549	RES SMD 1/8W(T) 5% 1.2KOH
R952	79EN0218	R SMD 1/8W(T) 1% 7.5K
R953	79PQ2170	CHIP 1/8W(T) 1% 6.2K
R954	79PQ5361	CHIP RES 1/8W (T) 1% 2.2K
R955	79PQ1890	CHIP 1/8W(T) 5% 0 H
R956	79PQ1892	CHIP 1/8W(T) 5% 1K
R9A2	79PQ6168	R MOF 1W/M 47K J(A)
R9A3	79PQ5682	CHIP RES 1/8W(T) 5% 27OHM
R9A4	79PQ6180	R SMD METAL 1/4W 1.0K J T
R9A5	79PQ1969	CHIP 1/8W(T) 5% 3.9K
R9A6	79PQ1890	CHIP 1/8W(T) 5% 0 H
R9A7	79PQ1893	CHIP 1/8W(T) 5% 10K
R9A8	79PQ6179	R SMD METAL 1/4W 100 J T
R9E1	79PQ1891	CHIP 1/8W(T) 5% 100H
R9E2	79EN0200	R SMD 1/8W(T) 1% 1K
R9E3	79EN0227	R SMD 1/8W(T) 5% 22
R9E4	79EN0200	R SMD 1/8W(T) 1% 1K
R9E6	79PQ1890	CHIP 1/8W(T) 5% 0 H
R9E7	79PQ1969	CHIP 1/8W(T) 5% 3.9K
R9X1	79PQ6183	R SMD METAL 1/4W 2.2M J T
R9X2	79PQ6183	R SMD METAL 1/4W 2.2M J T
R9X4	79PQ1898	CHIP 1/8W(T) 5% 33K
R9X5	79PQ6206	R SMD METAL 1/4W 750K F
R9X6	79PQ6206	R SMD METAL 1/4W 750K F
R9X7	79PQ6205	R SMD METAL 1/4W 680K F
R9X8	79PQ1905	CHIP 1/8W(T) 1% 22K
R9X9	79PQ6182	R SMD METAL 1/4W 22K J T
R9Y1	79PQ1892	CHIP 1/8W(T) 5% 1K
R9Y2	79PQ1891	CHIP 1/8W(T) 5% 100H
R9Y3	79PQ6170	R MOF 2W/M 0.33 J(A)
RA03	79EN0184	R SMD 1/10W(T) 5% 33
RA04	79EN0184	R SMD 1/10W(T) 5% 33
RA05	79EN0184	R SMD 1/10W(T) 5% 33
RA06	79EN0184	R SMD 1/10W(T) 5% 33
RA07	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RA08	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RA11	79EN0179	R SMD 1/10W(T) 5% 10
RA12	79EN0179	R SMD 1/10W(T) 5% 10
RA19	79EN0184	R SMD 1/10W(T) 5% 33
RA20	79EN0184	R SMD 1/10W(T) 5% 33
RA21	79EN0184	R SMD 1/10W(T) 5% 33

SYMBOL	Part No for NMV	DESCRIPTION
RA22	79EN0184	R SMD 1/10W(T) 5% 33
RA23	79EN0184	R SMD 1/10W(T) 5% 33
RA24	79EN0184	R SMD 1/10W(T) 5% 33
RA27	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA28	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA29	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA30	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA34	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA37	79EN0184	R SMD 1/10W(T) 5% 33
RA43	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA44	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA4A	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA4E	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA70A	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
RA70B	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA70G	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA70R	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA71A	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA71B	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA71G	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA71R	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA72A	79EN0621	R CHIP 1/10W(T) 5% 33O
RA72B	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA72G	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA72R	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA73A	79PQ5869	R SMD METAL 1/10W 2.7K J
RA73B	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA73G	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA73R	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA74A	79PQ5308	CHIP RES 1/10W(T) 1% 220O
RA74B	79EN0621	R CHIP 1/10W(T) 5% 33O
RA74G	79EN0621	R CHIP 1/10W(T) 5% 33O
RA74R	79EN0621	R CHIP 1/10W(T) 5% 33O
RA75A	79PQ6196	R SMD METAL 1/10W 510 F
RA75B	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA75G	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA75R	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA76A	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA76B	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA76G	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA76R	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA77A	79PQ6177	R SMD METAL 1/10W 820 J T
RA77B	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA77G	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA77R	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA78A	79PQ5869	R SMD METAL 1/10W 2.7K J
RA78B	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA78G	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K

SYMBOL	Part No for NMV	DESCRIPTION
RA78R	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA79A	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA79B	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA79G	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA79R	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA7AA	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA7AB	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA7AG	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA7AR	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA7EA	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
RA7HB	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA7HG	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA7HR	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA7LA	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
RA80B	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA80G	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA80R	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA81B	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA81G	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA81R	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA82A	79EN0621	R CHIP 1/10W(T) 5% 33O
RA82B	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA82G	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA82R	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA83	79EN0184	R SMD 1/10W(T) 5% 33
RA83A	79PQ5869	R SMD METAL 1/10W 2.7K J
RA83B	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA83G	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA83R	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA84	79EN0184	R SMD 1/10W(T) 5% 33
RA84A	79PQ5308	CHIP RES 1/10W(T) 1% 220O
RA84B	79EN0621	R CHIP 1/10W(T) 5% 33O
RA84G	79EN0621	R CHIP 1/10W(T) 5% 33O
RA84R	79EN0621	R CHIP 1/10W(T) 5% 33O
RA85A	79PQ6196	R SMD METAL 1/10W 510 F
RA85B	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA85G	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA85R	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA86	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RA86A	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA86B	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA86G	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA86R	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA87	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RA87A	79PQ6177	R SMD METAL 1/10W 820 J T
RA87B	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA87G	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA87R	79PQ5371	CHIP RES 1/10W (T) 5% 1KO

SYMBOL	Part No for NMV	DESCRIPTION
RA88A	79PQ5869	R SMD METAL 1/10W 2.7K J
RA88B	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA88G	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA88R	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA89A	79PQ5272	CHIP RES 1/10W(T) 5% 1000
RA89B	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA89G	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA89R	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA8AA	79PQ5272	CHIP RES 1/10W(T) 5% 1000
RA8AB	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA8AG	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA8AR	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA8EA	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
RA8HB	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA8HG	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA8HR	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA8KA	79PQ5869	R SMD METAL 1/10W 2.7K J
RA8LA	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
RAA3	79PQ5038	CHIP 1/10W(T) 5% 470H
RAA4	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RAA5	79EN0186	R SMD 1/10W(T) 5% 6.8K
RAA6	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
RAE3	79PQ6171	R SMD METAL 1/10W 18 J T
RAE4	79EN0184	R SMD 1/10W(T) 5% 33
RAE5	79EN0184	R SMD 1/10W(T) 5% 33
RAE6	79EN0184	R SMD 1/10W(T) 5% 33
RAFH	79EN0179	R SMD 1/10W(T) 5% 10
RAFK	79EN0179	R SMD 1/10W(T) 5% 10
RAH1	79PQ6173	R SMD METAL 1/10W 180K J
RAH2	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAH3	79PQ5036	CHIP 1/10W(T) 5% 150H
RAH5	79PQ6173	R SMD METAL 1/10W 180K J
RAH6	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAH7	79PQ5036	CHIP 1/10W(T) 5% 150H
RAM1	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RAM2	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RAM3	79PQ6172	R SMD METAL 1/10W 18K J T
RAM4	79PQ6172	R SMD METAL 1/10W 18K J T
RAM5	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAM6	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAM7	79PQ5869	R SMD METAL 1/10W 2.7K J
RAM8	79PQ5869	R SMD METAL 1/10W 2.7K J
RAN1	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RAN2	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RAN3	79PQ5778	CHIP RES 1/10W(T) 5% 68K
RAN4	79PQ5778	CHIP RES 1/10W(T) 5% 68K
RAN5	79PQ6173	R SMD METAL 1/10W 180K J
RAN6	79PQ6173	R SMD METAL 1/10W 180K J

SYMBOL	Part No for NMV	DESCRIPTION
RAN7	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAN8	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAN9	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RANA	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RK01	79PQ6174	R SMD METAL 1/10W 390 J T
RK07	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
RK08	79EN0184	R SMD 1/10W(T) 5% 33
RK09	79PQ5039	CHIP 1/10W(T) 5% 47K
RK0A	79PQ5039	CHIP 1/10W(T) 5% 47K
RK10	79PQ5039	CHIP 1/10W(T) 5% 47K
RK11	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
RK16	79PQ6174	R SMD METAL 1/10W 390 J T
RK22	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
RK23	79EN0184	R SMD 1/10W(T) 5% 33
RK24	79PQ5039	CHIP 1/10W(T) 5% 47K
RK25	79PQ5039	CHIP 1/10W(T) 5% 47K
RK26	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
RK2A	79PQ5039	CHIP 1/10W(T) 5% 47K
RK2E	79PQ5039	CHIP 1/10W(T) 5% 47K
RKAE	79PQ5039	CHIP 1/10W(T) 5% 47K
RKF1	79PQ6196	R SMD METAL 1/10W 510 F
RKF2	79PQ6196	R SMD METAL 1/10W 510 F
RKF6	79PQ6193	R SMD METAL 1/10W 2.7K F
RKF7	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RKF8	79PQ5039	CHIP 1/10W(T) 5% 47K
RKF9	79PQ5272	CHIP RES 1/10W(T) 5% 100O

*** CAPACITORS ***

C151	79PQ6261	C SMD CER CH 390P 50V J
C152	79PQ6256	C SMD CER BJ 1U 6.3V K
C153	79PQ6225	C SMD ELE105 4.7U 25V M
C154	79PQ6257	C SMD CER BJ 1U 10V M
C15A	79PQ6246	C SMD CER BJ 10U 6.3V M
C201	79PQ6250	C SMD CER BJ 22U 6.3V M
C221	79PQ6227	C SMD ELE105 100U 10V M
C222	79PQ6246	C SMD CER BJ 10U 6.3V M
C223	79PQ6230	C SMD ELE105 330U 16V M
C224	79PQ6224	C SMD ELE105 10U 16V M
C225	79PQ6255	C SMD CER F 0.1U 25V Z
C226	79PQ6255	C SMD CER F 0.1U 25V Z
C22E	79PQ6255	C SMD CER F 0.1U 25V Z
C22F	79PQ6259	C SMD CER BJ 2.2U 6.3V M
C261	79PQ6255	C SMD CER F 0.1U 25V Z
C263	79PQ6224	C SMD ELE105 10U 16V M
C265	79PQ6255	C SMD CER F 0.1U 25V Z
C26A	79PQ6255	C SMD CER F 0.1U 25V Z
C271	79PQ6250	C SMD CER BJ 22U 6.3V M
C273	79PQ6255	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NMV	DESCRIPTION
C274	79PQ6255	C SMD CER F 0.1U 25V Z
C275	79PQ6255	C SMD CER F 0.1U 25V Z
C276	79PQ6255	C SMD CER F 0.1U 25V Z
C277	79PQ6246	C SMD CER BJ 10U 6.3V M
C278	79PQ6246	C SMD CER BJ 10U 6.3V M
C27E	79PQ6256	C SMD CER BJ 1U 6.3V K
C281	79PQ6250	C SMD CER BJ 22U 6.3V M
C2A2	79PQ6255	C SMD CER F 0.1U 25V Z
C2A3	79PQ6255	C SMD CER F 0.1U 25V Z
C2A4	79PQ6228	C SMD ELE105 22U 25V M
C2A5	79PQ6230	C SMD ELE105 330U 16V M
C2E1	79PQ6255	C SMD CER F 0.1U 25V Z
C2M1	79PQ6229	C SMD ELE105 100U 25V M
C2M2	79PQ6249	C SMD CER BJ 0.047U 25V K
C2M3	79PQ6260	C SMD CER B 2700P 50V K
C2M4	79PQ6255	C SMD CER F 0.1U 25V Z
C2M5	79PQ6255	C SMD CER F 0.1U 25V Z
C2M6	79PQ6231	C SMD ELE105 680U 16V M
C409	79PQ6246	C SMD CER BJ 10U 6.3V M
C410	79PQ6255	C SMD CER F 0.1U 25V Z
C411	79PQ6255	C SMD CER F 0.1U 25V Z
C412	79PQ6255	C SMD CER F 0.1U 25V Z
C413	79PQ6255	C SMD CER F 0.1U 25V Z
C414	79PQ6255	C SMD CER F 0.1U 25V Z
C415	79PQ6255	C SMD CER F 0.1U 25V Z
C416	79PQ6255	C SMD CER F 0.1U 25V Z
C417	79PQ6255	C SMD CER F 0.1U 25V Z
C418	79PQ6255	C SMD CER F 0.1U 25V Z
C419	79PQ6255	C SMD CER F 0.1U 25V Z
C420	79PQ6255	C SMD CER F 0.1U 25V Z
C421	79PQ6255	C SMD CER F 0.1U 25V Z
C422	79PQ6255	C SMD CER F 0.1U 25V Z
C423	79PQ6255	C SMD CER F 0.1U 25V Z
C424	79PQ6255	C SMD CER F 0.1U 25V Z
C425	79PQ6246	C SMD CER BJ 10U 6.3V M
C426	79PQ6255	C SMD CER F 0.1U 25V Z
C427	79PQ6255	C SMD CER F 0.1U 25V Z
C428	79PQ6255	C SMD CER F 0.1U 25V Z
C429	79PQ6255	C SMD CER F 0.1U 25V Z
C430	79PQ6255	C SMD CER F 0.1U 25V Z
C431	79PQ6255	C SMD CER F 0.1U 25V Z
C432	79PQ6255	C SMD CER F 0.1U 25V Z
C433	79PQ6255	C SMD CER F 0.1U 25V Z
C434	79PQ6255	C SMD CER F 0.1U 25V Z
C443	79PQ6246	C SMD CER BJ 10U 6.3V M
C444	79PQ6246	C SMD CER BJ 10U 6.3V M
C451	79PQ6255	C SMD CER F 0.1U 25V Z
C452	79PQ6246	C SMD CER BJ 10U 6.3V M

SYMBOL	Part No for NMV	DESCRIPTION
C454	79PQ6251	C SMD CER CH 10P 50V D
C455	79PQ6251	C SMD CER CH 10P 50V D
C458	79PQ6255	C SMD CER F 0.1U 25V Z
C459	79PQ6255	C SMD CER F 0.1U 25V Z
C45F	79PQ6255	C SMD CER F 0.1U 25V Z
C4A2	79PQ6224	C SMD ELE105 10U 16V M
C4A4	79PQ6255	C SMD CER F 0.1U 25V Z
C4E0	79PQ6255	C SMD CER F 0.1U 25V Z
C4E1	79PQ6255	C SMD CER F 0.1U 25V Z
C4E2	79PQ6255	C SMD CER F 0.1U 25V Z
C4E3	79PQ6255	C SMD CER F 0.1U 25V Z
C4E4	79PQ6255	C SMD CER F 0.1U 25V Z
C4E5	79PQ6255	C SMD CER F 0.1U 25V Z
C4E6	79PQ6255	C SMD CER F 0.1U 25V Z
C4E7	79PQ6255	C SMD CER F 0.1U 25V Z
C4E8	79PQ6255	C SMD CER F 0.1U 25V Z
C4E9	79PQ6255	C SMD CER F 0.1U 25V Z
C4F0	79PQ6255	C SMD CER F 0.1U 25V Z
C4F1	79PQ6255	C SMD CER F 0.1U 25V Z
C4F2	79PQ6255	C SMD CER F 0.1U 25V Z
C4F3	79PQ6255	C SMD CER F 0.1U 25V Z
C4F4	79PQ6255	C SMD CER F 0.1U 25V Z
C4F5	79PQ6255	C SMD CER F 0.1U 25V Z
C4F6	79PQ6255	C SMD CER F 0.1U 25V Z
C4F7	79PQ6255	C SMD CER F 0.1U 25V Z
C4F8	79PQ6255	C SMD CER F 0.1U 25V Z
C4F9	79PQ6255	C SMD CER F 0.1U 25V Z
C4FA	79PQ6255	C SMD CER F 0.1U 25V Z
C4FE	79PQ6255	C SMD CER F 0.1U 25V Z
C4FF	79PQ6255	C SMD CER F 0.1U 25V Z
C4FH	79PQ6255	C SMD CER F 0.1U 25V Z
C4FJ	79PQ6255	C SMD CER F 0.1U 25V Z
C4FK	79PQ6255	C SMD CER F 0.1U 25V Z
C4FL	79PQ6255	C SMD CER F 0.1U 25V Z
C4FM	79PQ6255	C SMD CER F 0.1U 25V Z
C4FMZ	79PQ6255	C SMD CER F 0.1U 25V Z
C4FN	79PQ6255	C SMD CER F 0.1U 25V Z
C4FP	79PQ6255	C SMD CER F 0.1U 25V Z
C4FQ	79PQ6255	C SMD CER F 0.1U 25V Z
C4FR	79PQ6255	C SMD CER F 0.1U 25V Z
C4FS	79PQ6255	C SMD CER F 0.1U 25V Z
C4FT	79PQ6255	C SMD CER F 0.1U 25V Z
C4FW	79PQ6224	C SMD ELE105 10U 16V M
C4FX	79PQ6259	C SMD CER BJ 2.2U 6.3V M
C4FY	79PQ6255	C SMD CER F 0.1U 25V Z
C551	79PQ6255	C SMD CER F 0.1U 25V Z
C552	79PQ6255	C SMD CER F 0.1U 25V Z
C553	79PQ6255	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NMV	DESCRIPTION
C554	79PQ6255	C SMD CER F 0.1U 25V Z
C555	79PQ6255	C SMD CER F 0.1U 25V Z
C556	79PQ6255	C SMD CER F 0.1U 25V Z
C561	79PQ6255	C SMD CER F 0.1U 25V Z
C562	79PQ6255	C SMD CER F 0.1U 25V Z
C563	79PQ6255	C SMD CER F 0.1U 25V Z
C564	79PQ6255	C SMD CER F 0.1U 25V Z
C565	79PQ6255	C SMD CER F 0.1U 25V Z
C566	79PQ6255	C SMD CER F 0.1U 25V Z
C801	79PQ6255	C SMD CER F 0.1U 25V Z
C802	79PQ6254	C SMD CER B 0.1U 16V K
C805	79PQ6255	C SMD CER F 0.1U 25V Z
C806	79PQ6255	C SMD CER F 0.1U 25V Z
C807	79PQ6255	C SMD CER F 0.1U 25V Z
C808	79PQ6255	C SMD CER F 0.1U 25V Z
C809	79PQ6255	C SMD CER F 0.1U 25V Z
C810	79PQ6255	C SMD CER F 0.1U 25V Z
C811	79PQ6255	C SMD CER F 0.1U 25V Z
C812	79PQ6255	C SMD CER F 0.1U 25V Z
C813	79PQ6255	C SMD CER F 0.1U 25V Z
C815	79PQ6255	C SMD CER F 0.1U 25V Z
C818	79PQ6255	C SMD CER F 0.1U 25V Z
C819	79PQ6255	C SMD CER F 0.1U 25V Z
C820	79PQ6254	C SMD CER B 0.1U 16V K
C821	79PQ6254	C SMD CER B 0.1U 16V K
C8A1	79PQ6255	C SMD CER F 0.1U 25V Z
C8A2	79PQ6255	C SMD CER F 0.1U 25V Z
C8E1	79PQ6255	C SMD CER F 0.1U 25V Z
C901	79PQ6223	C SAFE X 0.47U AC275V K
C902	79PQ6223	C SAFE X 0.47U AC275V K
C905	79PQ1982	SAFETY Y-CAP/D1000P/400VM
C906	79PQ6221	C ELE105 120U 450V SNAP-I
C907	79PQ6235	C FILM MM 0.01U 400V J
C910	79PQ6220	C ELE105 22U 50V M (T)
C911	79PQ6213	C ELE105 100U 35V M (T)
C912	79PQ6242	C SMD CER F 0.1U 50V Z
C913	79PQ5468	C SMD C0G 1000P 50V J 080
C914	79PQ6238	C SMD CER CH 10P 50V C
C915	79PQ6241	C SMD CER BJ 0.1U 25V K
C920	79PQ6240	C SMD CER B 0.01U 50V K
C925	79PQ6236	C FILM MM 0.47U 100V J
C926	79PQ6245	C SMD CER BJ 10U 6.3V K
C927	79PQ5790	C ELE105 4.7U 50V M (T)
C951	79PQ6218	C ELE105 1500U 25V M (T)
C952	79PQ6218	C ELE105 1500U 25V M (T)
C953	79PQ6217	C ELE105 1000U 25V M (T)
C954	79PQ6244	C SMD CER BJ 1U 16V M
C955	79PQ6222	C CER SL 150P 1KV J (T)

SYMBOL	Part No for NMV	DESCRIPTION
C9A2	79PQ6215	C ELE105 2.2U 50V M (T)
C9A3	79PQ6235	C FILM MM 0.01U 400V J
C9A4	79PQ6241	C SMD CER BJ 0.1U 25V K
C9A6	79PQ6243	C SMD CER BJ 1U 10V K
C9A7	79PQ6216	C ELE105 47U 25V M (T)
C9E1	79PQ6219	C ELE105 2200U 10V M (T)
C9E2	79PQ6243	C SMD CER BJ 1U 10V K
C9E3	79PQ6214	C ELE105 1000U 10V M (T)
C9X1	79PQ6237	C FILM PMS 0.47U 400V J
C9X2	79PQ6240	C SMD CER B 0.01U 50V K
C9X3	79PQ6248	C SMD CER B 470P 50V K
C9X4	79PQ6247	C SMD CER BJ 0.33U 16V K
C9X5	79PQ6239	C SMD CER SL 100P 50V J
CA05	79PQ6263	C SMD CER BJ 0.047U 16V K
CA06	79PQ6263	C SMD CER BJ 0.047U 16V K
CA07	79PQ6263	C SMD CER BJ 0.047U 16V K
CA08	79PQ6263	C SMD CER BJ 0.047U 16V K
CA09	79PQ6263	C SMD CER BJ 0.047U 16V K
CA10	79PQ6263	C SMD CER BJ 0.047U 16V K
CA12	79PQ6253	C SMD CER B 1000P 50V K
CA19	79PQ6253	C SMD CER B 1000P 50V K
CA20	79PQ6246	C SMD CER BJ 10U 6.3V M
CA21	79PQ6234	C SMD FILM ECHU 8200P 16V
CA22	79PQ6233	C SMD FILM ECHU 47000P 16
CA23	79PQ6255	C SMD CER F 0.1U 25V Z
CA24	79PQ6255	C SMD CER F 0.1U 25V Z
CA25	79PQ6255	C SMD CER F 0.1U 25V Z
CA26	79PQ6256	C SMD CER BJ 1U 6.3V K
CA28	79PQ6255	C SMD CER F 0.1U 25V Z
CA29	79PQ6255	C SMD CER F 0.1U 25V Z
CA2A	79PQ6232	C SMD FILM ECHU 15000P 16
CA36	79PQ6255	C SMD CER F 0.1U 25V Z
CA37	79PQ6255	C SMD CER F 0.1U 25V Z
CA38	79PQ6255	C SMD CER F 0.1U 25V Z
CA39	79PQ6255	C SMD CER F 0.1U 25V Z
CA40	79PQ6255	C SMD CER F 0.1U 25V Z
CA41	79PQ6255	C SMD CER F 0.1U 25V Z
CA42	79PQ6255	C SMD CER F 0.1U 25V Z
CA43	79PQ6255	C SMD CER F 0.1U 25V Z
CA44	79PQ6255	C SMD CER F 0.1U 25V Z
CA45	79PQ6255	C SMD CER F 0.1U 25V Z
CA53	79PQ6246	C SMD CER BJ 10U 6.3V M
CA67	79PQ6246	C SMD CER BJ 10U 6.3V M
CA70A	79PQ6246	C SMD CER BJ 10U 6.3V M
CA70B	79PQ6255	C SMD CER F 0.1U 25V Z
CA70G	79PQ6255	C SMD CER F 0.1U 25V Z
CA70R	79PQ6255	C SMD CER F 0.1U 25V Z
CA71B	79PQ6246	C SMD CER BJ 10U 6.3V M

SYMBOL	Part No for NMV	DESCRIPTION
CA71G	79PQ6246	C SMD CER BJ 10U 6.3V M
CA71R	79PQ6246	C SMD CER BJ 10U 6.3V M
CA72A	79PQ6255	C SMD CER F 0.1U 25V Z
CA72B	79PQ6255	C SMD CER F 0.1U 25V Z
CA72G	79PQ6255	C SMD CER F 0.1U 25V Z
CA72R	79PQ6255	C SMD CER F 0.1U 25V Z
CA73B	79PQ6251	C SMD CER CH 10P 50V D
CA73G	79PQ6251	C SMD CER CH 10P 50V D
CA73R	79PQ6251	C SMD CER CH 10P 50V D
CA74B	79PQ6255	C SMD CER F 0.1U 25V Z
CA74G	79PQ6255	C SMD CER F 0.1U 25V Z
CA74R	79PQ6255	C SMD CER F 0.1U 25V Z
CA75A	79PQ6246	C SMD CER BJ 10U 6.3V M
CA75B	79PQ6258	C SMD CER CH 22P 50V J
CA75G	79PQ6258	C SMD CER CH 22P 50V J
CA75R	79PQ6258	C SMD CER CH 22P 50V J
CA76B	79PQ6255	C SMD CER F 0.1U 25V Z
CA76G	79PQ6255	C SMD CER F 0.1U 25V Z
CA76R	79PQ6255	C SMD CER F 0.1U 25V Z
CA77A	79PQ6264	C SMD CER CH 68P 50V J
CA77B	79PQ6262	C SMD CER CH 47P 50V J
CA77G	79PQ6262	C SMD CER CH 47P 50V J
CA77R	79PQ6262	C SMD CER CH 47P 50V J
CA78A	79PQ6255	C SMD CER F 0.1U 25V Z
CA80A	79PQ6246	C SMD CER BJ 10U 6.3V M
CA80B	79PQ6255	C SMD CER F 0.1U 25V Z
CA80G	79PQ6255	C SMD CER F 0.1U 25V Z
CA80R	79PQ6255	C SMD CER F 0.1U 25V Z
CA81B	79PQ6246	C SMD CER BJ 10U 6.3V M
CA81G	79PQ6246	C SMD CER BJ 10U 6.3V M
CA81R	79PQ6246	C SMD CER BJ 10U 6.3V M
CA82B	79PQ6255	C SMD CER F 0.1U 25V Z
CA82G	79PQ6255	C SMD CER F 0.1U 25V Z
CA82R	79PQ6255	C SMD CER F 0.1U 25V Z
CA83B	79PQ6251	C SMD CER CH 10P 50V D
CA83G	79PQ6251	C SMD CER CH 10P 50V D
CA83R	79PQ6251	C SMD CER CH 10P 50V D
CA84B	79PQ6255	C SMD CER F 0.1U 25V Z
CA84G	79PQ6255	C SMD CER F 0.1U 25V Z
CA84R	79PQ6255	C SMD CER F 0.1U 25V Z
CA85A	79PQ6246	C SMD CER BJ 10U 6.3V M
CA85B	79PQ6258	C SMD CER CH 22P 50V J
CA85G	79PQ6258	C SMD CER CH 22P 50V J
CA85R	79PQ6258	C SMD CER CH 22P 50V J
CA86B	79PQ6255	C SMD CER F 0.1U 25V Z
CA86G	79PQ6255	C SMD CER F 0.1U 25V Z
CA86R	79PQ6255	C SMD CER F 0.1U 25V Z
CA87A	79PQ6264	C SMD CER CH 68P 50V J

SYMBOL	Part No for NMV	DESCRIPTION
CA87B	79PQ6262	C SMD CER CH 47P 50V J
CA87G	79PQ6262	C SMD CER CH 47P 50V J
CA87R	79PQ6262	C SMD CER CH 47P 50V J
CA88A	79PQ6255	C SMD CER F 0.1U 25V Z
CA90	79PQ6253	C SMD CER B 1000P 50V K
CA91	79PQ6253	C SMD CER B 1000P 50V K
CAA1	79PQ6255	C SMD CER F 0.1U 25V Z
CAA2	79PQ6255	C SMD CER F 0.1U 25V Z
CAA3	79PQ6255	C SMD CER F 0.1U 25V Z
CAA4	79PQ6255	C SMD CER F 0.1U 25V Z
CAA5	79PQ6255	C SMD CER F 0.1U 25V Z
CAA6	79PQ6224	C SMD ELE105 10U 16V M
CAH1	79PQ6256	C SMD CER BJ 1U 6.3V K
CAH2	79PQ6256	C SMD CER BJ 1U 6.3V K
CAH3	79PQ6265	C SMD CER B 6800P 50V K
CAH4	79PQ6265	C SMD CER B 6800P 50V K
CAM3	79PQ6246	C SMD CER BJ 10U 6.3V M
CAM4	79PQ6246	C SMD CER BJ 10U 6.3V M
CAN1	79PQ6256	C SMD CER BJ 1U 6.3V K
CAN2	79PQ6256	C SMD CER BJ 1U 6.3V K
CAN3	79PQ6265	C SMD CER B 6800P 50V K
CAN4	79PQ6265	C SMD CER B 6800P 50V K
CK01	79PQ6255	C SMD CER F 0.1U 25V Z
CK02	79PQ6255	C SMD CER F 0.1U 25V Z
CK03	79PQ6255	C SMD CER F 0.1U 25V Z
CK04	79PQ6255	C SMD CER F 0.1U 25V Z
CK05	79PQ6255	C SMD CER F 0.1U 25V Z
CK06	79PQ6255	C SMD CER F 0.1U 25V Z
CK07	79PQ6255	C SMD CER F 0.1U 25V Z
CK08	79PQ6255	C SMD CER F 0.1U 25V Z
CK09	79PQ6252	C SMD CER CH 100P 50V J
CK10	79PQ6252	C SMD CER CH 100P 50V J
CK11	79PQ6252	C SMD CER CH 100P 50V J
CK12	79PQ6252	C SMD CER CH 100P 50V J
CK13	79PQ6252	C SMD CER CH 100P 50V J
CK14	79PQ6246	C SMD CER BJ 10U 6.3V M
CK16	79PQ6226	C SMD ELE105 100U 16V M
CK17	79PQ6252	C SMD CER CH 100P 50V J
CK18	79PQ6246	C SMD CER BJ 10U 6.3V M
CK19	79PQ6255	C SMD CER F 0.1U 25V Z
CK20	79PQ6255	C SMD CER F 0.1U 25V Z
CK21	79PQ6255	C SMD CER F 0.1U 25V Z
CK22	79PQ6255	C SMD CER F 0.1U 25V Z
CK23	79PQ6255	C SMD CER F 0.1U 25V Z
CK24	79PQ6255	C SMD CER F 0.1U 25V Z
CK25	79PQ6255	C SMD CER F 0.1U 25V Z
CK26	79PQ6255	C SMD CER F 0.1U 25V Z
CK27	79PQ6252	C SMD CER CH 100P 50V J

SYMBOL	Part No for NMV	DESCRIPTION
CK28	79PQ6252	C SMD CER CH 100P 50V J
CK29	79PQ6252	C SMD CER CH 100P 50V J
CK30	79PQ6252	C SMD CER CH 100P 50V J
CK31	79PQ6252	C SMD CER CH 100P 50V J
CK32	79PQ6246	C SMD CER BJ 10U 6.3V M
CK34	79PQ6226	C SMD ELE105 100U 16V M
CK35	79PQ6252	C SMD CER CH 100P 50V J
CK36	79PQ6246	C SMD CER BJ 10U 6.3V M
CKF1	79PQ6255	C SMD CER F 0.1U 25V Z
CKF2	79PQ6255	C SMD CER F 0.1U 25V Z

REPLACEMENT PARTS LIST

(For Asia / Pacific)

The components specified for Model LCD2080UX(B)

Manufactured by NPG

SYMBOL	Part No for NMV	DESCRIPTION
*** ICS ***		
IC201	79PQ6140	IC SMD BA00BC0WFP
IC221	79PQ6138	IC SMD PQ1CZ21H2ZP
IC222	79PQ6140	IC SMD BA00BC0WFP
IC251	79PQ6139	IC SMD L4978 REGULATOR
IC271	79PQ6140	IC SMD BA00BC0WFP
IC272	79PQ6140	IC SMD BA00BC0WFP
IC2A1	79PQ6138	IC SMD PQ1CZ21H2ZP
IC401	79PQ6128	IC SMD PW164B
IC402	79PQ6123	IC SMD LH28F800-L202V03
IC403	79PQ6134	IC SMD ICS332M-L202EV
IC405	79PQ6131	IC SMDSN74AHC2G125H MOS
IC4A1	79PQ6126	IC SMD UPD65545-Y-6C
IC4A2	79PQ6129	IC SMD NC7WZ14
IC4A3	79PQ6129	IC SMD NC7WZ14
IC551	79PQ5768	IC SMD DS90C385MTD MOS
IC552	79PQ5768	IC SMD DS90C385MTD MOS
IC801	79PQ5301	IC RESET M51957AFP
IC802	79PQ5301	IC RESET M51957AFP
IC803	79PQ6130	IC SMD CAT24WC64JI-TE13 M
IC804	79PQ6124	IC SMD M30625MGN-A26GP
IC8A1	79PQ5255	IC SMD BU9882F-WE2 MOS
IC8A2	79PQ6136	IC SMD X9116WM8-2.7T4 MOS
IC8A3	79PQ6136	IC SMD X9116WM8-2.7T4 MOS
IC8A4	79PQ6135	IC SMD SN74CBT1G125DCK
IC8A5	79PQ6135	IC SMD SN74CBT1G125DCK
IC8F1	79PQ5255	IC SMD BU9882F-WE2 MOS
IC901	79PQ6120	IC STR-E1717 LF NO. 1064
IC951	79PQ6122	IC TL431ACLP
IC9A1	79PQ6121	IC MIP2E2DMY0LE
IC9A2	79PQ6141	IC SMD XN04A8800L
IC9E1	79PQ6122	IC TL431ACLP
ICA01	79PQ6125	IC SMD AD9888KS-170
ICA70A	79PQ6137	IC SMD AD8002AR
ICAA1	79PQ6129	IC SMD NC7WZ14
ICAA2	79PQ6129	IC SMD NC7WZ14
ICAA3	79PQ6133	IC SMD SN74CBTLV1G125DCK
ICAA4	79PQ6133	IC SMD SN74CBTLV1G125DCK
ICAA5	79PQ6142	IC SMD TA76431F
ICAA6	79PQ6132	IC SMD SN74CBTLV3125PW
ICK01	79PQ6127	IC SMD TFP401 MOS
ICK02	79PQ6127	IC SMD TFP401 MOS

SYMBOL	Part No for NMV	DESCRIPTION
PC901	79PQ5663	IC PHOTO COUPLE PC123Y
PC911	79PQ5663	IC PHOTO COUPLE PC123Y
PC9A1	79PQ5663	IC PHOTO COUPLE PC123Y

*** TRANSISTORS ***

Q101	79PQ6110	TR SMD DTC143ZKA-T146
Q102	79PQ6114	TR SMD 2SA1162-GR
Q104	79PQ6110	TR SMD DTC143ZKA-T146
Q105	79PQ6114	TR SMD 2SA1162-GR
Q151	79PQ6115	FET SMD 2SJ580-TD
Q152	79PQ6106	TR SMD 2SA1037AK-T146 Q
Q153	79PQ5517	CHIP TR NPN 2SC2412K-T146
Q154	79PQ6108	TR SMD DTC144EKA-T146(O)
Q155	79PQ6108	TR SMD DTC144EKA-T146(O)
Q156	79PQ6109	TR SMD DTA144EKA
Q157	79PQ6108	TR SMD DTC144EKA-T146(O)
Q261	79PQ6108	TR SMD DTC144EKA-T146(O)
Q262	79PQ6119	FET SMD 2SJ377(TE16L)
Q265	79PQ6117	FET SMD 2SK3018-T106
Q271	79PQ6108	TR SMD DTC144EKA-T146(O)
Q272	79PQ6108	TR SMD DTC144EKA-T146(O)
Q451	79PQ6114	TR SMD 2SA1162-GR
Q452	79PQ6108	TR SMD DTC144EKA-T146(O)
Q453	79PQ6108	TR SMD DTC144EKA-T146(O)
Q805	79PQ6108	TR SMD DTC144EKA-T146(O)
Q806	79PQ6113	TR SMD 2SC3734
Q807	79PQ6113	TR SMD 2SC3734
Q861	79PQ6117	FET SMD 2SK3018-T106
Q863	79PQ6117	FET SMD 2SK3018-T106
Q8A3	79PQ6108	TR SMD DTC144EKA-T146(O)
Q8E1	79PQ6108	TR SMD DTC144EKA-T146(O)
Q8E5	79PQ6108	TR SMD DTC144EKA-T146(O)
Q8E6	79PQ6108	TR SMD DTC144EKA-T146(O)
Q901	79PQ6116	FET 2SK3673-01MR-F111
Q908	79PQ6118	FET SMD 2SK2715 P
Q911	79PQ6106	TR SMD 2SA1037AK-T146 Q
Q912	79PQ5517	CHIP TR NPN 2SC2412K-T146
Q913	79PQ5517	CHIP TR NPN 2SC2412K-T146
Q930	79PQ6108	TR SMD DTC144EKA-T146(O)
Q931	79PQ6105	TR 2SC5562
Q932	79PQ6108	TR SMD DTC144EKA-T146(O)
Q933	79PQ6111	TR SMD DTB114EK
Q9E1	79PQ6108	TR SMD DTC144EKA-T146(O)
QA70A	79PQ6108	TR SMD DTC144EKA-T146(O)
QA70B	79PQ6112	TR SMD 2SC5084-O
QA70G	79PQ6112	TR SMD 2SC5084-O
QA70R	79PQ6112	TR SMD 2SC5084-O
QA71A	79PQ6115	FET SMD 2SJ580-TD

SYMBOL	Part No for NMV	DESCRIPTION
QA71B	79PQ6109	TR SMD DTA144EKA
QA71G	79PQ6109	TR SMD DTA144EKA
QA71R	79PQ6109	TR SMD DTA144EKA
QA72A	79PQ6109	TR SMD DTA144EKA
QA72B	79PQ6109	TR SMD DTA144EKA
QA72G	79PQ6109	TR SMD DTA144EKA
QA72R	79PQ6109	TR SMD DTA144EKA
QA73B	79PQ6109	TR SMD DTA144EKA
QA73G	79PQ6109	TR SMD DTA144EKA
QA73R	79PQ6109	TR SMD DTA144EKA
QA80B	79PQ6112	TR SMD 2SC5084-O
QA80G	79PQ6112	TR SMD 2SC5084-O
QA80R	79PQ6112	TR SMD 2SC5084-O
QA81B	79PQ6109	TR SMD DTA144EKA
QA81G	79PQ6109	TR SMD DTA144EKA
QA81R	79PQ6109	TR SMD DTA144EKA
QA82B	79PQ6109	TR SMD DTA144EKA
QA82G	79PQ6109	TR SMD DTA144EKA
QA82R	79PQ6109	TR SMD DTA144EKA
QA83B	79PQ6109	TR SMD DTA144EKA
QA83G	79PQ6109	TR SMD DTA144EKA
QA83R	79PQ6109	TR SMD DTA144EKA
QAA1	79PQ6108	TR SMD DTC144EKA-T146(O)
QAH1	79PQ6107	TR SMD 2SA1434-TB
QAH2	79PQ6107	TR SMD 2SA1434-TB
QAM1	79PQ6113	TR SMD 2SC3734
QAM2	79PQ6113	TR SMD 2SC3734
QAN1	79PQ6107	TR SMD 2SA1434-TB
QAN2	79PQ6107	TR SMD 2SA1434-TB
QKF1	79PQ6106	TR SMD 2SA1037AK-T146 Q

*** DIODES ***

D151	79PQ5251	CHIP DIODE/T 1SS355TE-17
D152	79PQ6150	DI SMD RB715F-T106
D221	79PQ6152	DI SMD SFPB-64
D222	79PQ5251	CHIP DIODE/T 1SS355TE-17
D271	79PQ5251	CHIP DIODE/T 1SS355TE-17
D272	79PQ5251	CHIP DIODE/T 1SS355TE-17
D273	79PQ5251	CHIP DIODE/T 1SS355TE-17
D274	79PQ5671	DIODE RB495D
D275	79PQ5671	DIODE RB495D
D2A1	79PQ6152	DI SMD SFPB-64
D2M1	79PQ6152	DI SMD SFPB-64
D901	79PQ6143	DI D3SBA60
D902	79PQ6147	DI RM10A (T)
D907	79PQ6148	DI EG01CV1-T
D911	79PQ6153	DI SMD 1SR156-400
D912	79PQ6155	DI SMD MA2Z001

SYMBOL	Part No for NMV	DESCRIPTION
D913	79PQ6156	DI SMD DG1M3
D914	79PQ6156	DI SMD DG1M3
D915	79PQ6155	DI SMD MA2Z001
D930	79PQ5251	CHIP DIODE/T 1SS355TE-17
D951	79PQ6144	DI FMX-22S
D9A1	79PQ6148	DI EG01CV1-T
D9A2	79PQ6155	DI SMD MA2Z001
D9E1	79PQ6145	DI RK39
D9X1	79PQ6146	DI FMG-G26S
D9X2	79PQ6154	DI SMD SFPL-52
DA01	79PQ5558	CHIP DIODE DAN217 T146
DA02	79PQ5558	CHIP DIODE DAN217 T146
DA03	79PQ5558	CHIP DIODE DAN217 T146
DA04	79PQ5251	CHIP DIODE/T 1SS355TE-17
DA11	79PQ5558	CHIP DIODE DAN217 T146
DA12	79PQ5558	CHIP DIODE DAN217 T146
DA13	79PQ5558	CHIP DIODE DAN217 T146
DA70A	79PQ6149	DI SMD 1SS356
DA71B	79PQ6149	DI SMD 1SS356
DA71G	79PQ6149	DI SMD 1SS356
DA71R	79PQ6149	DI SMD 1SS356
DA72B	79PQ6149	DI SMD 1SS356
DA72G	79PQ6149	DI SMD 1SS356
DA72R	79PQ6149	DI SMD 1SS356
DA73B	79PQ6149	DI SMD 1SS356
DA73G	79PQ6149	DI SMD 1SS356
DA73R	79PQ6149	DI SMD 1SS356
DA80A	79PQ6149	DI SMD 1SS356
DA81B	79PQ6149	DI SMD 1SS356
DA81G	79PQ6149	DI SMD 1SS356
DA81R	79PQ6149	DI SMD 1SS356
DA82B	79PQ6149	DI SMD 1SS356
DA82G	79PQ6149	DI SMD 1SS356
DA82R	79PQ6149	DI SMD 1SS356
DA83B	79PQ6149	DI SMD 1SS356
DA83G	79PQ6149	DI SMD 1SS356
DA83R	79PQ6149	DI SMD 1SS356
ZD8G2	79PQ6151	DI SMD STZ6.2N
ZD908	79PQ6163	ZD SMD UDZS7.5BTE-17
ZD910	79PQ6165	ZD SMD UDZS27BTE-17
ZD917	79PQ6164	ZD SMD UDZS18BTE-17
ZD918	79PQ6162	ZD SMD UDZS5.1BTE-17
ZD919	79PQ6161	ZD SMD UDZS4.7BTE-17
ZD920	79PQ6165	ZD SMD UDZS27BTE-17
ZD930	79PQ6163	ZD SMD UDZS7.5BTE-17
ZD9A4	79PQ6164	ZD SMD UDZS18BTE-17
ZDA01	79PQ6157	DI SMD DF5A6.2F(TE)
ZDA11	79PQ6157	DI SMD DF5A6.2F(TE)

SYMBOL	Part No for NMV	DESCRIPTION
*** TRANSFORMERS ***		
T901	79PQ6275	TRANS SWITCH ST-1102A
T9A1	79PQ6276	TRANS SWITCH L2.3MH
*** RELAYS & SWITCHES ***		
SW901	79PQ6283	SW SEESAW SDDJE14500
*** PWB ASSYS ***		
MANSAS	79PQ6103	MAIN INSERT ASSY
PWNSAS	79PQ6104	POWER INSERT ASSY
XJM01	79PQ6286	INVERTER UNIT L202EV
*** COILS & FILTERS ***		
FL203	79PQ6273	L SMD NFM60R30T222T1
FL2M1	79PQ6273	L SMD NFM60R30T222T1
FL901	79PQ6266	L LINE FILTER LFZ28H05
L115	79PQ6279	L BEAD SMD BK1608LM252-T
L116	79PQ6279	L BEAD SMD BK1608LM252-T
L117	79PQ6279	L BEAD SMD BK1608LM252-T
L118	79PQ6279	L BEAD SMD BK1608LM252-T
L119	79PQ6279	L BEAD SMD BK1608LM252-T
L120	79PQ6279	L BEAD SMD BK1608LM252-T
L121	79PQ6279	L BEAD SMD BK1608LM252-T
L122	79PQ6279	L BEAD SMD BK1608LM252-T
L123	79PQ6279	L BEAD SMD BK1608LM252-T
L125	79PQ6279	L BEAD SMD BK1608LM252-T
L221	79PQ6280	L BEAD SMD FBMH3216HM501N
L222	79PQ6280	L BEAD SMD FBMH3216HM501N
L223	79PQ6272	L SMD SLF10145T-101M1R0-P
L261	79PQ6280	L BEAD SMD FBMH3216HM501N
L262	79PQ6281	L BEAD SMD FBMH4525HM102N
L263	79PQ6280	L BEAD SMD FBMH3216HM501N
L271	79PQ6280	L BEAD SMD FBMH3216HM501N
L272	79PQ6280	L BEAD SMD FBMH3216HM501N
L2A1	79PQ6272	L SMD SLF10145T-101M1R0-P
L2A2	79PQ6280	L BEAD SMD FBMH3216HM501N
L2M1	79PQ6271	L SMD SLF12565T-101M1R6
L405	79PQ6280	L BEAD SMD FBMH3216HM501N
L406	79PQ6280	L BEAD SMD FBMH3216HM501N
L451	79PQ6279	L BEAD SMD BK1608LM252-T
L452	79PQ6277	L BEAD SMD BK1608HS800-T
L453	79PQ6277	L BEAD SMD BK1608HS800-T
L454	79PQ6279	L BEAD SMD BK1608LM252-T
L459	79PQ6279	L BEAD SMD BK1608LM252-T
L4A1	79PQ6279	L BEAD SMD BK1608LM252-T
L4A2	79PQ6280	L BEAD SMD FBMH3216HM501N
L4A3	79PQ6280	L BEAD SMD FBMH3216HM501N

SYMBOL	Part No for NMV	DESCRIPTION
L4A4	79PQ6282	L BEAD SMD BKP1608HS330-T
L4A5	79PQ6282	L BEAD SMD BKP1608HS330-T
L551	79PQ6278	L BEAD SMD BK1608HS601-T
L552	79PQ6278	L BEAD SMD BK1608HS601-T
L553	79PQ6278	L BEAD SMD BK1608HS601-T
L561	79PQ6278	L BEAD SMD BK1608HS601-T
L562	79PQ6278	L BEAD SMD BK1608HS601-T
L563	79PQ6278	L BEAD SMD BK1608HS601-T
L951	79PQ6270	L SBC7-100-532
L9A1	79PQ6274	L SMD LEMC3225T101K
L9E1	79PQ6269	L CHOKE TSL1112RA-100M3R7
L9X1	79PQ6267	L PFC COIL 77A-2702
L9X2	79PQ6268	L CHOKE 72U2A SF1-T8-50S-
LAA3	79PQ6282	L BEAD SMD BKP1608HS330-T
LAA4	79PQ6282	L BEAD SMD BKP1608HS330-T
LAA5	79PQ6282	L BEAD SMD BKP1608HS330-T
LAA6	79PQ6282	L BEAD SMD BKP1608HS330-T
LAA7	79PQ6282	L BEAD SMD BKP1608HS330-T
LAH1	79PQ6282	L BEAD SMD BKP1608HS330-T
LAH2	79PQ6282	L BEAD SMD BKP1608HS330-T
LAN1	79PQ6282	L BEAD SMD BKP1608HS330-T
LAN2	79PQ6282	L BEAD SMD BKP1608HS330-T

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

CABUAS	79PQ6083	CABLE BUTTON ASSY(WH)
CN951	79PQ6287	WIRE CB14P 1007#26L100
F901	79PQ3032	FUSE SG5013 3.15 PF 250V
OSC4A1	79PQ6160	OSC SMD IC 55MHZ
TH901	79PQ6167	NTCR 10D2-10LC
VD901	79PQ5332	VARISTOR ENE471D-10A
X402	79PQ6158	OSC SMD XTAL 14.31818MHZ
X7A01	79PQ6288	WIRE CC30P 1516#30L250
X7A02	79PQ6289	WIRE CB13P 1007#26L70
X801	79PQ6159	OSC SMD CSTCR7M37G53-R0
XD7A01	79PQ6284	CABLE BUTTON WHT
XD7A02	79PQ6290	CABLE VI DVID-DVID 2M HG
XD7A03	79PQ6291	CABLE VI DVID-DSUB 2M HG
XDRG03	79PQ6298	PW CORD EU 1.95M HG I-SHE
XJG01	3A684034	LCD LM201U03 LGPHILIPS

*** APPEARANCE PARTS ***

BAAS	79PQ6062	BACK ASSY,L202EV(WH,N)
BE	79PQ6074	BEZEL,L202EV(WH,N)
BRBAAS	79PQ6065	BRACKET BASE ASSY,L202EV
CVCA	79PQ6081	COVER CABLE,L202EV(WH)
STCV	79PQ6079	STAND COVER TB,L202EV(WH)
STUN	79PQ6077	STAND UNIT,L202EV(WH)

SYMBOL	Part No for NMV	DESCRIPTION
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*** PRINTED & PACKING MATERIALS ***

CABX	79PQ6068	CARTON BOX,L202EV(B)
CASH	79PQ5232	CAUTION SHEET
CASHL	79PQ6084	CARTON SHEET,L202EV
CD	79PQ6100	CD,NEC(A,B)
FLB	79PQ6086	FILLER B,L202EV
FLC	79PQ6087	FILLER C,L202EV
FLT	79PQ6085	FILLER T,L202EV
LVSH	79PQ6098	LVIEW SHEET
MANU	79PQ6092	MANUAL,L202EV(B)
NAFL	79PQ2790	NAVISET CARTON BOX FLYER
PABAG	79PQ6089	PACKING BAG(BK)
PEBAG	79PQ5129	PE BAG (340*225)
PROTE	79PQ6052	PROTECTION SHEET
RALA	79PQ6071	RATING LABEL,L202EV(WH)
SAFFLS	79PQ5832	SALES OFFICE LIST
SHSE	79PQ6096	SHEET SETUP,L202EV(B)

*** RESISTORS ***

J921	79EN0189	R SMD 1/4W(T) 5% 0
J923	79EN0189	R SMD 1/4W(T) 5% 0
J924	79EN0189	R SMD 1/4W(T) 5% 0
J925	79EN0189	R SMD 1/4W(T) 5% 0
J926	79EN0189	R SMD 1/4W(T) 5% 0
J927	79EN0189	R SMD 1/4W(T) 5% 0
J928	79EN0189	R SMD 1/4W(T) 5% 0
J929	79EN0189	R SMD 1/4W(T) 5% 0
J930	79PQ6212	R SMD METAL 1/4W 0 JUMPER
J940	79EN0189	R SMD 1/4W(T) 5% 0
J961	79EN0189	R SMD 1/4W(T) 5% 0
J962	79EN0189	R SMD 1/4W(T) 5% 0
MR401	79PQ6209	R NET SMD 1/16W 150 J
MR402	79PQ6209	R NET SMD 1/16W 150 J
MR403	79PQ6209	R NET SMD 1/16W 150 J
MR404	79PQ6209	R NET SMD 1/16W 150 J
MR405	79PQ6209	R NET SMD 1/16W 150 J
MR406	79PQ6209	R NET SMD 1/16W 150 J
MR407	79PQ6209	R NET SMD 1/16W 150 J
MR408	79PQ6209	R NET SMD 1/16W 150 J
MR409	79PQ6209	R NET SMD 1/16W 150 J
MR410	79PQ6209	R NET SMD 1/16W 150 J
MR411	79PQ6209	R NET SMD 1/16W 150 J
MR412	79PQ6209	R NET SMD 1/16W 150 J
MR4G1	79PQ6207	R NET SMD 1/16W 33 J
MR4G3	79PQ6207	R NET SMD 1/16W 33 J
MR4G5	79PQ6207	R NET SMD 1/16W 33 J
MR4G7	79PQ6207	R NET SMD 1/16W 33 J
MR4G9	79PQ6207	R NET SMD 1/16W 33 J
MR4H1	79PQ6207	R NET SMD 1/16W 33 J

SYMBOL	Part No for NMV	DESCRIPTION
MRA01	79PQ6208	R NET SMD 1/16W 100 J
MRA03	79PQ6208	R NET SMD 1/16W 100 J
MRA05	79PQ6208	R NET SMD 1/16W 100 J
MRA07	79PQ6208	R NET SMD 1/16W 100 J
MRA09	79PQ6208	R NET SMD 1/16W 100 J
MRA11	79PQ6208	R NET SMD 1/16W 100 J
MRK01	79PQ6207	R NET SMD 1/16W 33 J
MRK03	79PQ6207	R NET SMD 1/16W 33 J
MRK05	79PQ6207	R NET SMD 1/16W 33 J
MRK07	79PQ6207	R NET SMD 1/16W 33 J
MRK09	79PQ6207	R NET SMD 1/16W 33 J
MRK11	79PQ6207	R NET SMD 1/16W 33 J
MRK13	79PQ6207	R NET SMD 1/16W 33 J
MRK15	79PQ6207	R NET SMD 1/16W 33 J
MRK17	79PQ6207	R NET SMD 1/16W 33 J
MRK19	79PQ6207	R NET SMD 1/16W 33 J
MRK21	79PQ6207	R NET SMD 1/16W 33 J
MRK23	79PQ6207	R NET SMD 1/16W 33 J
R101	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
R102	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
R103	79EN0158	R SMD 1/10W(T) 1% 180
R105	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
R106	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
R107	79EN0158	R SMD 1/10W(T) 1% 180
R117	79PQ1892	CHIP 1/8W(T) 5% 1K
R118	79PQ1892	CHIP 1/8W(T) 5% 1K
R119	79PQ1892	CHIP 1/8W(T) 5% 1K
R120	79PQ1892	CHIP 1/8W(T) 5% 1K
R121	79PQ1892	CHIP 1/8W(T) 5% 1K
R122	79PQ1892	CHIP 1/8W(T) 5% 1K
R123	79PQ1892	CHIP 1/8W(T) 5% 1K
R125	79PQ1892	CHIP 1/8W(T) 5% 1K
R151	79PQ6189	R SMD METAL 1/10W 1.5K F
R152	79PQ5869	R SMD METAL 1/10W 2.7K J
R153	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R154	79PQ5869	R SMD METAL 1/10W 2.7K J
R155	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R156	79PQ6178	R SMD METAL 1/10W 820K J
R157	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R158	79PQ6176	R SMD METAL 1/10W 56K J T
R159	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R15A	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R15E	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R15F	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R15L	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R201	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R202	79PQ6197	R SMD METAL 1/10W 56K F
R203	79EN0781	R SMD 1/10W(T) 1% 33K

SYMBOL	Part No for NMV	DESCRIPTION
R221	79PQ5316	CHIP RES 1/10W(T) 1% 1.8K
R222	79EN0780	R SMD 1/10W(T) 1% 27K
R223	79PQ6188	R SMD METAL 1/10W 1.2K F
R224	79PQ6194	R SMD METAL 1/10W 30K F
R225	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R226	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R261	79EN0183	R SMD 1/10W(T) 5% 33K
R262	79EN0183	R SMD 1/10W(T) 5% 33K
R266	79PQ5313	CHIP RES 1/10W(T) 1% 150K
R267	79EN0781	R SMD 1/10W(T) 1% 33K
R268	79PQ6210	R SMD METAL 1/2W 680 J
R269	79PQ6210	R SMD METAL 1/2W 680 J
R26A	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R271	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
R272	79PQ6175	R SMD METAL 1/10W 5.6K J
R273	79PQ6197	R SMD METAL 1/10W 56K F
R274	79EN0781	R SMD 1/10W(T) 1% 33K
R274A	79PQ5684	CHIP RES 1/10W(T) 1% 2.2K
R275	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
R276	79EN0781	R SMD 1/10W(T) 1% 33K
R277	79EN0781	R SMD 1/10W(T) 1% 33K
R277A	79PQ6188	R SMD METAL 1/10W 1.2K F
R278	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R2A1	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R2A2	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R2A3	79PQ6195	R SMD METAL 1/10W 390 F
R2A4	79PQ5280	CHIP RES 1/10W(T) 1% 1KOH
R2A5	79PQ6199	R SMD METAL 1/10W 8.2K F
R2A7	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R2M1	79PQ5278	CHIP RES 1/10W(T) 1% 4.7K
R2M2	79PQ6191	R SMD METAL 1/10W 22K F
R2M3	79PQ6188	R SMD METAL 1/10W 1.2K F
R2M4	79PQ5278	CHIP RES 1/10W(T) 1% 4.7K
R2M5	79PQ6200	R SMD METAL 1/10W 82 F
R402	79PQ6198	R SMD METAL 1/10W 62 F
R403	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
R405	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
R409	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R412	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R415	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R416	79PQ5039	CHIP 1/10W(T) 5% 47K
R418	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
R422	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
R429	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R430	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R433	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R435	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R449	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K

SYMBOL	Part No for NMV	DESCRIPTION
R451	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
R452	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
R453	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R454	79PQ5039	CHIP 1/10W(T) 5% 47K
R455	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R456	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R457	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R458	79PQ5039	CHIP 1/10W(T) 5% 47K
R459	79PQ5039	CHIP 1/10W(T) 5% 47K
R45E	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R45K	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R45P	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R45T	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R463	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R464	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R465	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R466	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R467	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R468	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R470	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R4A2	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R4A3	79EN0184	R SMD 1/10W(T) 5% 33
R4A4	79EN0184	R SMD 1/10W(T) 5% 33
R4A5	79EN0184	R SMD 1/10W(T) 5% 33
R4A6	79EN0184	R SMD 1/10W(T) 5% 33
R4A7	79EN0184	R SMD 1/10W(T) 5% 33
R4A8	79EN0184	R SMD 1/10W(T) 5% 33
R4A9	79EN0184	R SMD 1/10W(T) 5% 33
R4AK	79EN0184	R SMD 1/10W(T) 5% 33
R4AL	79EN0184	R SMD 1/10W(T) 5% 33
R4AM	79EN0184	R SMD 1/10W(T) 5% 33
R4AN	79EN0184	R SMD 1/10W(T) 5% 33
R4AP	79EN0184	R SMD 1/10W(T) 5% 33
R4AT	79EN0184	R SMD 1/10W(T) 5% 33
R4E0	79EN0184	R SMD 1/10W(T) 5% 33
R4E1	79EN0184	R SMD 1/10W(T) 5% 33
R4E2	79EN0184	R SMD 1/10W(T) 5% 33
R4E3	79EN0184	R SMD 1/10W(T) 5% 33
R4E4	79EN0184	R SMD 1/10W(T) 5% 33
R4E5	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4E6	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4E7	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4E8	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4E9	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4EA	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R550	79PQ6186	R SMD METAL 1/4W 5.1K J T
R801	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R802	79PQ5675	CHIP RES 1/10W(T) 5% 10KO

SYMBOL	Part No for NMV	DESCRIPTION
R803	79EN0780	R SMD 1/10W(T) 1% 27K
R805	79PQ6192	R SMD METAL 1/10W 24K F
R806	79PQ5039	CHIP 1/10W(T) 5% 47K
R807	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R808	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R809	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R811	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R812	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R813	79EN0184	R SMD 1/10W(T) 5% 33
R814	79EN0184	R SMD 1/10W(T) 5% 33
R815	79EN0184	R SMD 1/10W(T) 5% 33
R816	79EN0184	R SMD 1/10W(T) 5% 33
R818	79EN0184	R SMD 1/10W(T) 5% 33
R819	79EN0184	R SMD 1/10W(T) 5% 33
R820	79EN0184	R SMD 1/10W(T) 5% 33
R821	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R822	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R823	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R826	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R827	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R828	79PQ5039	CHIP 1/10W(T) 5% 47K
R829	79PQ5039	CHIP 1/10W(T) 5% 47K
R830	79PQ5039	CHIP 1/10W(T) 5% 47K
R831	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R832	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R833	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R834	79PQ5039	CHIP 1/10W(T) 5% 47K
R838	79EN0184	R SMD 1/10W(T) 5% 33
R839	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R840	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R841	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R842	79PQ5039	CHIP 1/10W(T) 5% 47K
R844	79PQ5039	CHIP 1/10W(T) 5% 47K
R845	79PQ5039	CHIP 1/10W(T) 5% 47K
R846	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R849	79PQ6190	R SMD METAL 1/10W 18K F
R850	79EN0162	R SMD 1/10W(T) 1% 220K
R883	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R885	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R886	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R887	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R889	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R890	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R891	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R8A2	79PQ6211	R SMD METAL 1W 33 J
R8A4	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8A5	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8A6	79PQ5039	CHIP 1/10W(T) 5% 47K

SYMBOL	Part No for NMV	DESCRIPTION
R8A7	79PQ5039	CHIP 1/10W(T) 5% 47K
R8AA	79PQ5039	CHIP 1/10W(T) 5% 47K
R8AE	79PQ5039	CHIP 1/10W(T) 5% 47K
R8AL	79PQ5039	CHIP 1/10W(T) 5% 47K
R8AX	79PQ5039	CHIP 1/10W(T) 5% 47K
R8AY	79PQ5039	CHIP 1/10W(T) 5% 47K
R8E1	79PQ5039	CHIP 1/10W(T) 5% 47K
R8E7	79PQ5039	CHIP 1/10W(T) 5% 47K
R8E8	79PQ5039	CHIP 1/10W(T) 5% 47K
R8E9	79PQ5039	CHIP 1/10W(T) 5% 47K
R8EA	79PQ5039	CHIP 1/10W(T) 5% 47K
R8EF	79PQ5039	CHIP 1/10W(T) 5% 47K
R8F2	79PQ6211	R SMD METAL 1W 33 J
R8F3	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R8F4	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8F5	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8F6	79PQ5039	CHIP 1/10W(T) 5% 47K
R8F7	79PQ5039	CHIP 1/10W(T) 5% 47K
R8FX	79PQ5039	CHIP 1/10W(T) 5% 47K
R8FY	79PQ5039	CHIP 1/10W(T) 5% 47K
R8G2	79PQ6211	R SMD METAL 1W 33 J
R8G3	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R8G4	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8G5	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R901	79PQ6185	R SMD METAL 1/4W 470K J T
R902	79PQ6185	R SMD METAL 1/4W 470K J T
R903	79PQ6185	R SMD METAL 1/4W 470K J T
R904	79PQ6181	R SMD METAL 1/4W 1M J
R905	79PQ6181	R SMD METAL 1/4W 1M J
R906	79PQ6181	R SMD METAL 1/4W 1M J
R907	79PQ6169	R MOF 2W/M 100K J (A)
R908	79PQ6187	R SMD METAL 1/3W 2.2K J T
R909	79PQ6170	R MOF 2W/M 0.33 J(A)
R910	79PQ1897	CHIP 1/8W(T) 5% 22K
R911	79PQ6201	R SMD METAL 1/8W 4.7 F T
R912	79PQ6204	R SMD METAL 1/4W 10K F T
R913	79PQ6202	R SMD METAL 1/8W 680 F T
R914	79PQ5310	CHIP RES 1/8W(T) 5% 100KO
R915	79PQ6166	R CARBON 1/4W 5.6 J M T
R916	79PQ1896	CHIP 1/8W(T) 5% 220H
R917	79EN0232	R SMD 1/8W(T) 5% 470
R918	79PQ1891	CHIP 1/8W(T) 5% 100H
R920	79PQ1893	CHIP 1/8W(T) 5% 10K
R921	79PQ1898	CHIP 1/8W(T) 5% 33K
R922	79PQ6184	R SMD METAL 1/4W 33K J T
R923	79PQ1893	CHIP 1/8W(T) 5% 10K
R924	79PQ1893	CHIP 1/8W(T) 5% 10K
R925	79PQ1898	CHIP 1/8W(T) 5% 33K

SYMBOL	Part No for NMV	DESCRIPTION
R926	79PQ6203	R SMD METAL 1/8W 9.1K F T
R927	79PQ5310	CHIP RES 1/8W(T) 5% 100KO
R928	79PQ1902	CHIP 1/8W(T) 1% 10K
R929	79PQ1893	CHIP 1/8W(T) 5% 10K
R931	79PQ1897	CHIP 1/8W(T) 5% 22K
R933	79PQ5310	CHIP RES 1/8W(T) 5% 100KO
R934	79PQ1893	CHIP 1/8W(T) 5% 10K
R935	79PQ6181	R SMD METAL 1/4W 1M J
R936	79PQ6181	R SMD METAL 1/4W 1M J
R937	79PQ6181	R SMD METAL 1/4W 1M J
R951	79PQ5549	RES SMD 1/8W(T) 5% 1.2KOH
R952	79EN0218	R SMD 1/8W(T) 1% 7.5K
R953	79PQ2170	CHIP 1/8W(T) 1% 6.2K
R954	79PQ5361	CHIP RES 1/8W (T) 1% 2.2K
R955	79PQ1890	CHIP 1/8W(T) 5% 0 H
R956	79PQ1892	CHIP 1/8W(T) 5% 1K
R9A2	79PQ6168	R MOF 1W/M 47K J(A)
R9A3	79PQ5682	CHIP RES 1/8W(T) 5% 27OHM
R9A4	79PQ6180	R SMD METAL 1/4W 1.0K J T
R9A5	79PQ1969	CHIP 1/8W(T) 5% 3.9K
R9A6	79PQ1890	CHIP 1/8W(T) 5% 0 H
R9A7	79PQ1893	CHIP 1/8W(T) 5% 10K
R9A8	79PQ6179	R SMD METAL 1/4W 100 J T
R9E1	79PQ1891	CHIP 1/8W(T) 5% 100H
R9E2	79EN0200	R SMD 1/8W(T) 1% 1K
R9E3	79EN0227	R SMD 1/8W(T) 5% 22
R9E4	79EN0200	R SMD 1/8W(T) 1% 1K
R9E6	79PQ1890	CHIP 1/8W(T) 5% 0 H
R9E7	79PQ1969	CHIP 1/8W(T) 5% 3.9K
R9X1	79PQ6183	R SMD METAL 1/4W 2.2M J T
R9X2	79PQ6183	R SMD METAL 1/4W 2.2M J T
R9X4	79PQ1898	CHIP 1/8W(T) 5% 33K
R9X5	79PQ6206	R SMD METAL 1/4W 750K F
R9X6	79PQ6206	R SMD METAL 1/4W 750K F
R9X7	79PQ6205	R SMD METAL 1/4W 680K F
R9X8	79PQ1905	CHIP 1/8W(T) 1% 22K
R9X9	79PQ6182	R SMD METAL 1/4W 22K J T
R9Y1	79PQ1892	CHIP 1/8W(T) 5% 1K
R9Y2	79PQ1891	CHIP 1/8W(T) 5% 100H
R9Y3	79PQ6170	R MOF 2W/M 0.33 J(A)
RA03	79EN0184	R SMD 1/10W(T) 5% 33
RA04	79EN0184	R SMD 1/10W(T) 5% 33
RA05	79EN0184	R SMD 1/10W(T) 5% 33
RA06	79EN0184	R SMD 1/10W(T) 5% 33
RA07	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RA08	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RA11	79EN0179	R SMD 1/10W(T) 5% 10
RA12	79EN0179	R SMD 1/10W(T) 5% 10

SYMBOL	Part No for NMV	DESCRIPTION
RA19	79EN0184	R SMD 1/10W(T) 5% 33
RA20	79EN0184	R SMD 1/10W(T) 5% 33
RA21	79EN0184	R SMD 1/10W(T) 5% 33
RA22	79EN0184	R SMD 1/10W(T) 5% 33
RA23	79EN0184	R SMD 1/10W(T) 5% 33
RA24	79EN0184	R SMD 1/10W(T) 5% 33
RA27	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA28	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA29	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA30	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA34	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA37	79EN0184	R SMD 1/10W(T) 5% 33
RA43	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA44	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA4A	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA4E	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA70A	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
RA70B	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA70G	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA70R	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA71A	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA71B	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA71G	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA71R	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA72A	79EN0621	R CHIP 1/10W(T) 5% 33O
RA72B	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA72G	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA72R	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA73A	79PQ5869	R SMD METAL 1/10W 2.7K J
RA73B	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA73G	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA73R	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA74A	79PQ5308	CHIP RES 1/10W(T) 1% 220O
RA74B	79EN0621	R CHIP 1/10W(T) 5% 33O
RA74G	79EN0621	R CHIP 1/10W(T) 5% 33O
RA74R	79EN0621	R CHIP 1/10W(T) 5% 33O
RA75A	79PQ6196	R SMD METAL 1/10W 510 F
RA75B	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA75G	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA75R	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA76A	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA76B	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA76G	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA76R	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA77A	79PQ6177	R SMD METAL 1/10W 820 J T
RA77B	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA77G	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA77R	79PQ5371	CHIP RES 1/10W (T) 5% 1KO

SYMBOL	Part No for NMV	DESCRIPTION
RA78A	79PQ5869	R SMD METAL 1/10W 2.7K J
RA78B	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA78G	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA78R	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA79A	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA79B	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA79G	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA79R	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA7AA	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA7AB	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA7AG	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA7AR	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA7EA	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
RA7HB	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA7HG	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA7HR	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA7LA	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
RA80B	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA80G	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA80R	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA81B	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA81G	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA81R	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA82A	79EN0621	R CHIP 1/10W(T) 5% 33O
RA82B	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA82G	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA82R	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA83	79EN0184	R SMD 1/10W(T) 5% 33
RA83A	79PQ5869	R SMD METAL 1/10W 2.7K J
RA83B	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA83G	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA83R	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA84	79EN0184	R SMD 1/10W(T) 5% 33
RA84A	79PQ5308	CHIP RES 1/10W(T) 1% 220O
RA84B	79EN0621	R CHIP 1/10W(T) 5% 33O
RA84G	79EN0621	R CHIP 1/10W(T) 5% 33O
RA84R	79EN0621	R CHIP 1/10W(T) 5% 33O
RA85A	79PQ6196	R SMD METAL 1/10W 51O F
RA85B	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA85G	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA85R	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA86	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RA86A	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA86B	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA86G	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA86R	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA87	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RA87A	79PQ6177	R SMD METAL 1/10W 82O J T

SYMBOL	Part No for NMV	DESCRIPTION
RA87B	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA87G	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA87R	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA88A	79PQ5869	R SMD METAL 1/10W 2.7K J
RA88B	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA88G	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA88R	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA89A	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA89B	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA89G	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA89R	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA8AA	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA8AB	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA8AG	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA8AR	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA8EA	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
RA8HB	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA8HG	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA8HR	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA8KA	79PQ5869	R SMD METAL 1/10W 2.7K J
RA8LA	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
RAA3	79PQ5038	CHIP 1/10W(T) 5% 470H
RAA4	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RAA5	79EN0186	R SMD 1/10W(T) 5% 6.8K
RAA6	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
RAE3	79PQ6171	R SMD METAL 1/10W 18 J T
RAE4	79EN0184	R SMD 1/10W(T) 5% 33
RAE5	79EN0184	R SMD 1/10W(T) 5% 33
RAE6	79EN0184	R SMD 1/10W(T) 5% 33
RAFH	79EN0179	R SMD 1/10W(T) 5% 10
RAFK	79EN0179	R SMD 1/10W(T) 5% 10
RAH1	79PQ6173	R SMD METAL 1/10W 180K J
RAH2	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAH3	79PQ5036	CHIP 1/10W(T) 5% 150H
RAH5	79PQ6173	R SMD METAL 1/10W 180K J
RAH6	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAH7	79PQ5036	CHIP 1/10W(T) 5% 150H
RAM1	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RAM2	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RAM3	79PQ6172	R SMD METAL 1/10W 18K J T
RAM4	79PQ6172	R SMD METAL 1/10W 18K J T
RAM5	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAM6	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAM7	79PQ5869	R SMD METAL 1/10W 2.7K J
RAM8	79PQ5869	R SMD METAL 1/10W 2.7K J
RAN1	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RAN2	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RAN3	79PQ5778	CHIP RES 1/10W(T) 5% 68K

SYMBOL	Part No for NMV	DESCRIPTION
RAN4	79PQ5778	CHIP RES 1/10W(T) 5% 68K
RAN5	79PQ6173	R SMD METAL 1/10W 180K J
RAN6	79PQ6173	R SMD METAL 1/10W 180K J
RAN7	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAN8	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAN9	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RANA	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RK01	79PQ6174	R SMD METAL 1/10W 390 J T
RK07	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
RK08	79EN0184	R SMD 1/10W(T) 5% 33
RK09	79PQ5039	CHIP 1/10W(T) 5% 47K
RK0A	79PQ5039	CHIP 1/10W(T) 5% 47K
RK10	79PQ5039	CHIP 1/10W(T) 5% 47K
RK11	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
RK16	79PQ6174	R SMD METAL 1/10W 390 J T
RK22	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
RK23	79EN0184	R SMD 1/10W(T) 5% 33
RK24	79PQ5039	CHIP 1/10W(T) 5% 47K
RK25	79PQ5039	CHIP 1/10W(T) 5% 47K
RK26	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
RK2A	79PQ5039	CHIP 1/10W(T) 5% 47K
RK2E	79PQ5039	CHIP 1/10W(T) 5% 47K
RKAE	79PQ5039	CHIP 1/10W(T) 5% 47K
RKF1	79PQ6196	R SMD METAL 1/10W 510 F
RKF2	79PQ6196	R SMD METAL 1/10W 510 F
RKF6	79PQ6193	R SMD METAL 1/10W 2.7K F
RKF7	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RKF8	79PQ5039	CHIP 1/10W(T) 5% 47K
RKF9	79PQ5272	CHIP RES 1/10W(T) 5% 100O

*** CAPACITORS ***

C151	79PQ6261	C SMD CER CH 390P 50V J
C152	79PQ6256	C SMD CER BJ 1U 6.3V K
C153	79PQ6225	C SMD ELE105 4.7U 25V M
C154	79PQ6257	C SMD CER BJ 1U 10V M
C15A	79PQ6246	C SMD CER BJ 10U 6.3V M
C201	79PQ6250	C SMD CER BJ 22U 6.3V M
C221	79PQ6227	C SMD ELE105 100U 10V M
C222	79PQ6246	C SMD CER BJ 10U 6.3V M
C223	79PQ6230	C SMD ELE105 330U 16V M
C224	79PQ6224	C SMD ELE105 10U 16V M
C225	79PQ6255	C SMD CER F 0.1U 25V Z
C226	79PQ6255	C SMD CER F 0.1U 25V Z
C22E	79PQ6255	C SMD CER F 0.1U 25V Z
C22F	79PQ6259	C SMD CER BJ 2.2U 6.3V M
C261	79PQ6255	C SMD CER F 0.1U 25V Z
C263	79PQ6224	C SMD ELE105 10U 16V M
C265	79PQ6255	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NMV	DESCRIPTION
C26A	79PQ6255	C SMD CER F 0.1U 25V Z
C271	79PQ6250	C SMD CER BJ 22U 6.3V M
C273	79PQ6255	C SMD CER F 0.1U 25V Z
C274	79PQ6255	C SMD CER F 0.1U 25V Z
C275	79PQ6255	C SMD CER F 0.1U 25V Z
C276	79PQ6255	C SMD CER F 0.1U 25V Z
C277	79PQ6246	C SMD CER BJ 10U 6.3V M
C278	79PQ6246	C SMD CER BJ 10U 6.3V M
C27E	79PQ6256	C SMD CER BJ 1U 6.3V K
C281	79PQ6250	C SMD CER BJ 22U 6.3V M
C2A2	79PQ6255	C SMD CER F 0.1U 25V Z
C2A3	79PQ6255	C SMD CER F 0.1U 25V Z
C2A4	79PQ6228	C SMD ELE105 22U 25V M
C2A5	79PQ6230	C SMD ELE105 330U 16V M
C2E1	79PQ6255	C SMD CER F 0.1U 25V Z
C2M1	79PQ6229	C SMD ELE105 100U 25V M
C2M2	79PQ6249	C SMD CER BJ 0.047U 25V K
C2M3	79PQ6260	C SMD CER B 2700P 50V K
C2M4	79PQ6255	C SMD CER F 0.1U 25V Z
C2M5	79PQ6255	C SMD CER F 0.1U 25V Z
C2M6	79PQ6231	C SMD ELE105 680U 16V M
C409	79PQ6246	C SMD CER BJ 10U 6.3V M
C410	79PQ6255	C SMD CER F 0.1U 25V Z
C411	79PQ6255	C SMD CER F 0.1U 25V Z
C412	79PQ6255	C SMD CER F 0.1U 25V Z
C413	79PQ6255	C SMD CER F 0.1U 25V Z
C414	79PQ6255	C SMD CER F 0.1U 25V Z
C415	79PQ6255	C SMD CER F 0.1U 25V Z
C416	79PQ6255	C SMD CER F 0.1U 25V Z
C417	79PQ6255	C SMD CER F 0.1U 25V Z
C418	79PQ6255	C SMD CER F 0.1U 25V Z
C419	79PQ6255	C SMD CER F 0.1U 25V Z
C420	79PQ6255	C SMD CER F 0.1U 25V Z
C421	79PQ6255	C SMD CER F 0.1U 25V Z
C422	79PQ6255	C SMD CER F 0.1U 25V Z
C423	79PQ6255	C SMD CER F 0.1U 25V Z
C424	79PQ6255	C SMD CER F 0.1U 25V Z
C425	79PQ6246	C SMD CER BJ 10U 6.3V M
C426	79PQ6255	C SMD CER F 0.1U 25V Z
C427	79PQ6255	C SMD CER F 0.1U 25V Z
C428	79PQ6255	C SMD CER F 0.1U 25V Z
C429	79PQ6255	C SMD CER F 0.1U 25V Z
C430	79PQ6255	C SMD CER F 0.1U 25V Z
C431	79PQ6255	C SMD CER F 0.1U 25V Z
C432	79PQ6255	C SMD CER F 0.1U 25V Z
C433	79PQ6255	C SMD CER F 0.1U 25V Z
C434	79PQ6255	C SMD CER F 0.1U 25V Z
C443	79PQ6246	C SMD CER BJ 10U 6.3V M

SYMBOL	Part No for NMV	DESCRIPTION
C444	79PQ6246	C SMD CER BJ 10U 6.3V M
C451	79PQ6255	C SMD CER F 0.1U 25V Z
C452	79PQ6246	C SMD CER BJ 10U 6.3V M
C454	79PQ6251	C SMD CER CH 10P 50V D
C455	79PQ6251	C SMD CER CH 10P 50V D
C458	79PQ6255	C SMD CER F 0.1U 25V Z
C459	79PQ6255	C SMD CER F 0.1U 25V Z
C45F	79PQ6255	C SMD CER F 0.1U 25V Z
C4A2	79PQ6224	C SMD ELE105 10U 16V M
C4A4	79PQ6255	C SMD CER F 0.1U 25V Z
C4E0	79PQ6255	C SMD CER F 0.1U 25V Z
C4E1	79PQ6255	C SMD CER F 0.1U 25V Z
C4E2	79PQ6255	C SMD CER F 0.1U 25V Z
C4E3	79PQ6255	C SMD CER F 0.1U 25V Z
C4E4	79PQ6255	C SMD CER F 0.1U 25V Z
C4E5	79PQ6255	C SMD CER F 0.1U 25V Z
C4E6	79PQ6255	C SMD CER F 0.1U 25V Z
C4E7	79PQ6255	C SMD CER F 0.1U 25V Z
C4E8	79PQ6255	C SMD CER F 0.1U 25V Z
C4E9	79PQ6255	C SMD CER F 0.1U 25V Z
C4F0	79PQ6255	C SMD CER F 0.1U 25V Z
C4F1	79PQ6255	C SMD CER F 0.1U 25V Z
C4F2	79PQ6255	C SMD CER F 0.1U 25V Z
C4F3	79PQ6255	C SMD CER F 0.1U 25V Z
C4F4	79PQ6255	C SMD CER F 0.1U 25V Z
C4F5	79PQ6255	C SMD CER F 0.1U 25V Z
C4F6	79PQ6255	C SMD CER F 0.1U 25V Z
C4F7	79PQ6255	C SMD CER F 0.1U 25V Z
C4F8	79PQ6255	C SMD CER F 0.1U 25V Z
C4F9	79PQ6255	C SMD CER F 0.1U 25V Z
C4FA	79PQ6255	C SMD CER F 0.1U 25V Z
C4FE	79PQ6255	C SMD CER F 0.1U 25V Z
C4FF	79PQ6255	C SMD CER F 0.1U 25V Z
C4FH	79PQ6255	C SMD CER F 0.1U 25V Z
C4FJ	79PQ6255	C SMD CER F 0.1U 25V Z
C4FK	79PQ6255	C SMD CER F 0.1U 25V Z
C4FL	79PQ6255	C SMD CER F 0.1U 25V Z
C4FM	79PQ6255	C SMD CER F 0.1U 25V Z
C4FMZ	79PQ6255	C SMD CER F 0.1U 25V Z
C4FN	79PQ6255	C SMD CER F 0.1U 25V Z
C4FP	79PQ6255	C SMD CER F 0.1U 25V Z
C4FQ	79PQ6255	C SMD CER F 0.1U 25V Z
C4FR	79PQ6255	C SMD CER F 0.1U 25V Z
C4FS	79PQ6255	C SMD CER F 0.1U 25V Z
C4FT	79PQ6255	C SMD CER F 0.1U 25V Z
C4FW	79PQ6224	C SMD ELE105 10U 16V M
C4FX	79PQ6259	C SMD CER BJ 2.2U 6.3V M
C4FY	79PQ6255	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NMV	DESCRIPTION
C551	79PQ6255	C SMD CER F 0.1U 25V Z
C552	79PQ6255	C SMD CER F 0.1U 25V Z
C553	79PQ6255	C SMD CER F 0.1U 25V Z
C554	79PQ6255	C SMD CER F 0.1U 25V Z
C555	79PQ6255	C SMD CER F 0.1U 25V Z
C556	79PQ6255	C SMD CER F 0.1U 25V Z
C561	79PQ6255	C SMD CER F 0.1U 25V Z
C562	79PQ6255	C SMD CER F 0.1U 25V Z
C563	79PQ6255	C SMD CER F 0.1U 25V Z
C564	79PQ6255	C SMD CER F 0.1U 25V Z
C565	79PQ6255	C SMD CER F 0.1U 25V Z
C566	79PQ6255	C SMD CER F 0.1U 25V Z
C801	79PQ6255	C SMD CER F 0.1U 25V Z
C802	79PQ6254	C SMD CER B 0.1U 16V K
C805	79PQ6255	C SMD CER F 0.1U 25V Z
C806	79PQ6255	C SMD CER F 0.1U 25V Z
C807	79PQ6255	C SMD CER F 0.1U 25V Z
C808	79PQ6255	C SMD CER F 0.1U 25V Z
C809	79PQ6255	C SMD CER F 0.1U 25V Z
C810	79PQ6255	C SMD CER F 0.1U 25V Z
C811	79PQ6255	C SMD CER F 0.1U 25V Z
C812	79PQ6255	C SMD CER F 0.1U 25V Z
C813	79PQ6255	C SMD CER F 0.1U 25V Z
C815	79PQ6255	C SMD CER F 0.1U 25V Z
C818	79PQ6255	C SMD CER F 0.1U 25V Z
C819	79PQ6255	C SMD CER F 0.1U 25V Z
C820	79PQ6254	C SMD CER B 0.1U 16V K
C821	79PQ6254	C SMD CER B 0.1U 16V K
C8A1	79PQ6255	C SMD CER F 0.1U 25V Z
C8A2	79PQ6255	C SMD CER F 0.1U 25V Z
C8E1	79PQ6255	C SMD CER F 0.1U 25V Z
C901	79PQ6223	C SAFE X 0.47U AC275V K
C902	79PQ6223	C SAFE X 0.47U AC275V K
C905	79PQ1982	SAFETY Y-CAP/D1000P/400VM
C906	79PQ6221	C ELE105 120U 450V SNAP-I
C907	79PQ6235	C FILM MM 0.01U 400V J
C910	79PQ6220	C ELE105 22U 50V M (T)
C911	79PQ6213	C ELE105 100U 35V M (T)
C912	79PQ6242	C SMD CER F 0.1U 50V Z
C913	79PQ5468	C SMD C0G 1000P 50V J 080
C914	79PQ6238	C SMD CER CH 10P 50V C
C915	79PQ6241	C SMD CER BJ 0.1U 25V K
C920	79PQ6240	C SMD CER B 0.01U 50V K
C925	79PQ6236	C FILM MM 0.47U 100V J
C926	79PQ6245	C SMD CER BJ 10U 6.3V K
C927	79PQ5790	C ELE105 4.7U 50V M (T)
C951	79PQ6218	C ELE105 1500U 25V M (T)
C952	79PQ6218	C ELE105 1500U 25V M (T)

SYMBOL	Part No for NMV	DESCRIPTION
C953	79PQ6217	C ELE105 1000U 25V M (T)
C954	79PQ6244	C SMD CER BJ 1U 16V M
C955	79PQ6222	C CER SL 150P 1KV J (T)
C9A2	79PQ6215	C ELE105 2.2U 50V M (T)
C9A3	79PQ6235	C FILM MM 0.01U 400V J
C9A4	79PQ6241	C SMD CER BJ 0.1U 25V K
C9A6	79PQ6243	C SMD CER BJ 1U 10V K
C9A7	79PQ6216	C ELE105 47U 25V M (T)
C9E1	79PQ6219	C ELE105 2200U 10V M (T)
C9E2	79PQ6243	C SMD CER BJ 1U 10V K
C9E3	79PQ6214	C ELE105 1000U 10V M (T)
C9X1	79PQ6237	C FILM PMS 0.47U 400V J
C9X2	79PQ6240	C SMD CER B 0.01U 50V K
C9X3	79PQ6248	C SMD CER B 470P 50V K
C9X4	79PQ6247	C SMD CER BJ 0.33U 16V K
C9X5	79PQ6239	C SMD CER SL 100P 50V J
CA05	79PQ6263	C SMD CER BJ 0.047U 16V K
CA06	79PQ6263	C SMD CER BJ 0.047U 16V K
CA07	79PQ6263	C SMD CER BJ 0.047U 16V K
CA08	79PQ6263	C SMD CER BJ 0.047U 16V K
CA09	79PQ6263	C SMD CER BJ 0.047U 16V K
CA10	79PQ6263	C SMD CER BJ 0.047U 16V K
CA12	79PQ6253	C SMD CER B 1000P 50V K
CA19	79PQ6253	C SMD CER B 1000P 50V K
CA20	79PQ6246	C SMD CER BJ 10U 6.3V M
CA21	79PQ6234	C SMD FILM ECHU 8200P 16V
CA22	79PQ6233	C SMD FILM ECHU 47000P 16
CA23	79PQ6255	C SMD CER F 0.1U 25V Z
CA24	79PQ6255	C SMD CER F 0.1U 25V Z
CA25	79PQ6255	C SMD CER F 0.1U 25V Z
CA26	79PQ6256	C SMD CER BJ 1U 6.3V K
CA28	79PQ6255	C SMD CER F 0.1U 25V Z
CA29	79PQ6255	C SMD CER F 0.1U 25V Z
CA2A	79PQ6232	C SMD FILM ECHU 15000P 16
CA36	79PQ6255	C SMD CER F 0.1U 25V Z
CA37	79PQ6255	C SMD CER F 0.1U 25V Z
CA38	79PQ6255	C SMD CER F 0.1U 25V Z
CA39	79PQ6255	C SMD CER F 0.1U 25V Z
CA40	79PQ6255	C SMD CER F 0.1U 25V Z
CA41	79PQ6255	C SMD CER F 0.1U 25V Z
CA42	79PQ6255	C SMD CER F 0.1U 25V Z
CA43	79PQ6255	C SMD CER F 0.1U 25V Z
CA44	79PQ6255	C SMD CER F 0.1U 25V Z
CA45	79PQ6255	C SMD CER F 0.1U 25V Z
CA53	79PQ6246	C SMD CER BJ 10U 6.3V M
CA67	79PQ6246	C SMD CER BJ 10U 6.3V M
CA70A	79PQ6246	C SMD CER BJ 10U 6.3V M
CA70B	79PQ6255	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NMV	DESCRIPTION
CA70G	79PQ6255	C SMD CER F 0.1U 25V Z
CA70R	79PQ6255	C SMD CER F 0.1U 25V Z
CA71B	79PQ6246	C SMD CER BJ 10U 6.3V M
CA71G	79PQ6246	C SMD CER BJ 10U 6.3V M
CA71R	79PQ6246	C SMD CER BJ 10U 6.3V M
CA72A	79PQ6255	C SMD CER F 0.1U 25V Z
CA72B	79PQ6255	C SMD CER F 0.1U 25V Z
CA72G	79PQ6255	C SMD CER F 0.1U 25V Z
CA72R	79PQ6255	C SMD CER F 0.1U 25V Z
CA73B	79PQ6251	C SMD CER CH 10P 50V D
CA73G	79PQ6251	C SMD CER CH 10P 50V D
CA73R	79PQ6251	C SMD CER CH 10P 50V D
CA74B	79PQ6255	C SMD CER F 0.1U 25V Z
CA74G	79PQ6255	C SMD CER F 0.1U 25V Z
CA74R	79PQ6255	C SMD CER F 0.1U 25V Z
CA75A	79PQ6246	C SMD CER BJ 10U 6.3V M
CA75B	79PQ6258	C SMD CER CH 22P 50V J
CA75G	79PQ6258	C SMD CER CH 22P 50V J
CA75R	79PQ6258	C SMD CER CH 22P 50V J
CA76B	79PQ6255	C SMD CER F 0.1U 25V Z
CA76G	79PQ6255	C SMD CER F 0.1U 25V Z
CA76R	79PQ6255	C SMD CER F 0.1U 25V Z
CA77A	79PQ6264	C SMD CER CH 68P 50V J
CA77B	79PQ6262	C SMD CER CH 47P 50V J
CA77G	79PQ6262	C SMD CER CH 47P 50V J
CA77R	79PQ6262	C SMD CER CH 47P 50V J
CA78A	79PQ6255	C SMD CER F 0.1U 25V Z
CA80A	79PQ6246	C SMD CER BJ 10U 6.3V M
CA80B	79PQ6255	C SMD CER F 0.1U 25V Z
CA80G	79PQ6255	C SMD CER F 0.1U 25V Z
CA80R	79PQ6255	C SMD CER F 0.1U 25V Z
CA81B	79PQ6246	C SMD CER BJ 10U 6.3V M
CA81G	79PQ6246	C SMD CER BJ 10U 6.3V M
CA81R	79PQ6246	C SMD CER BJ 10U 6.3V M
CA82B	79PQ6255	C SMD CER F 0.1U 25V Z
CA82G	79PQ6255	C SMD CER F 0.1U 25V Z
CA82R	79PQ6255	C SMD CER F 0.1U 25V Z
CA83B	79PQ6251	C SMD CER CH 10P 50V D
CA83G	79PQ6251	C SMD CER CH 10P 50V D
CA83R	79PQ6251	C SMD CER CH 10P 50V D
CA84B	79PQ6255	C SMD CER F 0.1U 25V Z
CA84G	79PQ6255	C SMD CER F 0.1U 25V Z
CA84R	79PQ6255	C SMD CER F 0.1U 25V Z
CA85A	79PQ6246	C SMD CER BJ 10U 6.3V M
CA85B	79PQ6258	C SMD CER CH 22P 50V J
CA85G	79PQ6258	C SMD CER CH 22P 50V J
CA85R	79PQ6258	C SMD CER CH 22P 50V J
CA86B	79PQ6255	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NMV	DESCRIPTION
CA86G	79PQ6255	C SMD CER F 0.1U 25V Z
CA86R	79PQ6255	C SMD CER F 0.1U 25V Z
CA87A	79PQ6264	C SMD CER CH 68P 50V J
CA87B	79PQ6262	C SMD CER CH 47P 50V J
CA87G	79PQ6262	C SMD CER CH 47P 50V J
CA87R	79PQ6262	C SMD CER CH 47P 50V J
CA88A	79PQ6255	C SMD CER F 0.1U 25V Z
CA90	79PQ6253	C SMD CER B 1000P 50V K
CA91	79PQ6253	C SMD CER B 1000P 50V K
CAA1	79PQ6255	C SMD CER F 0.1U 25V Z
CAA2	79PQ6255	C SMD CER F 0.1U 25V Z
CAA3	79PQ6255	C SMD CER F 0.1U 25V Z
CAA4	79PQ6255	C SMD CER F 0.1U 25V Z
CAA5	79PQ6255	C SMD CER F 0.1U 25V Z
CAA6	79PQ6224	C SMD ELE105 10U 16V M
CAH1	79PQ6256	C SMD CER BJ 1U 6.3V K
CAH2	79PQ6256	C SMD CER BJ 1U 6.3V K
CAH3	79PQ6265	C SMD CER B 6800P 50V K
CAH4	79PQ6265	C SMD CER B 6800P 50V K
CAM3	79PQ6246	C SMD CER BJ 10U 6.3V M
CAM4	79PQ6246	C SMD CER BJ 10U 6.3V M
CAN1	79PQ6256	C SMD CER BJ 1U 6.3V K
CAN2	79PQ6256	C SMD CER BJ 1U 6.3V K
CAN3	79PQ6265	C SMD CER B 6800P 50V K
CAN4	79PQ6265	C SMD CER B 6800P 50V K
CK01	79PQ6255	C SMD CER F 0.1U 25V Z
CK02	79PQ6255	C SMD CER F 0.1U 25V Z
CK03	79PQ6255	C SMD CER F 0.1U 25V Z
CK04	79PQ6255	C SMD CER F 0.1U 25V Z
CK05	79PQ6255	C SMD CER F 0.1U 25V Z
CK06	79PQ6255	C SMD CER F 0.1U 25V Z
CK07	79PQ6255	C SMD CER F 0.1U 25V Z
CK08	79PQ6255	C SMD CER F 0.1U 25V Z
CK09	79PQ6252	C SMD CER CH 100P 50V J
CK10	79PQ6252	C SMD CER CH 100P 50V J
CK11	79PQ6252	C SMD CER CH 100P 50V J
CK12	79PQ6252	C SMD CER CH 100P 50V J
CK13	79PQ6252	C SMD CER CH 100P 50V J
CK14	79PQ6246	C SMD CER BJ 10U 6.3V M
CK16	79PQ6226	C SMD ELE105 100U 16V M
CK17	79PQ6252	C SMD CER CH 100P 50V J
CK18	79PQ6246	C SMD CER BJ 10U 6.3V M
CK19	79PQ6255	C SMD CER F 0.1U 25V Z
CK20	79PQ6255	C SMD CER F 0.1U 25V Z
CK21	79PQ6255	C SMD CER F 0.1U 25V Z
CK22	79PQ6255	C SMD CER F 0.1U 25V Z
CK23	79PQ6255	C SMD CER F 0.1U 25V Z
CK24	79PQ6255	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NMV	DESCRIPTION
CK25	79PQ6255	C SMD CER F 0.1U 25V Z
CK26	79PQ6255	C SMD CER F 0.1U 25V Z
CK27	79PQ6252	C SMD CER CH 100P 50V J
CK28	79PQ6252	C SMD CER CH 100P 50V J
CK29	79PQ6252	C SMD CER CH 100P 50V J
CK30	79PQ6252	C SMD CER CH 100P 50V J
CK31	79PQ6252	C SMD CER CH 100P 50V J
CK32	79PQ6246	C SMD CER BJ 10U 6.3V M
CK34	79PQ6226	C SMD ELE105 100U 16V M
CK35	79PQ6252	C SMD CER CH 100P 50V J
CK36	79PQ6246	C SMD CER BJ 10U 6.3V M
CKF1	79PQ6255	C SMD CER F 0.1U 25V Z
CKF2	79PQ6255	C SMD CER F 0.1U 25V Z

REPLACEMENT PARTS LIST

(For Asia / Pacific)

The components specified for Model LCD2080UX-BK(B)

Manufactured by NPG

SYMBOL	Part No for NMV	DESCRIPTION
*** ICS ***		
IC201	79PQ6140	IC SMD BA00BC0WFP
IC221	79PQ6138	IC SMD PQ1CZ21H2ZP
IC222	79PQ6140	IC SMD BA00BC0WFP
IC251	79PQ6139	IC SMD L4978 REGULATOR
IC271	79PQ6140	IC SMD BA00BC0WFP
IC272	79PQ6140	IC SMD BA00BC0WFP
IC2A1	79PQ6138	IC SMD PQ1CZ21H2ZP
IC401	79PQ6128	IC SMD PW164B
IC402	79PQ6123	IC SMD LH28F800-L202V03
IC403	79PQ6134	IC SMD ICS332M-L202EV
IC405	79PQ6131	IC SMDSN74AHC2G125H MOS
IC4A1	79PQ6126	IC SMD UPD65545-Y-6C
IC4A2	79PQ6129	IC SMD NC7WZ14
IC4A3	79PQ6129	IC SMD NC7WZ14
IC551	79PQ5768	IC SMD DS90C385MTD MOS
IC552	79PQ5768	IC SMD DS90C385MTD MOS
IC801	79PQ5301	IC RESET M51957AFP
IC802	79PQ5301	IC RESET M51957AFP
IC803	79PQ6130	IC SMD CAT24WC64JI-TE13 M
IC804	79PQ6124	IC SMD M30625MGN-A26GP
IC8A1	79PQ5255	IC SMD BU9882F-WE2 MOS
IC8A2	79PQ6136	IC SMD X9116WM8-2.7T4 MOS
IC8A3	79PQ6136	IC SMD X9116WM8-2.7T4 MOS
IC8A4	79PQ6135	IC SMD SN74CBT1G125DCK
IC8A5	79PQ6135	IC SMD SN74CBT1G125DCK
IC8F1	79PQ5255	IC SMD BU9882F-WE2 MOS
IC901	79PQ6120	IC STR-E1717 LF NO. 1064
IC951	79PQ6122	IC TL431ACLP
IC9A1	79PQ6121	IC MIP2E2DMY0LE
IC9A2	79PQ6141	IC SMD XN04A8800L
IC9E1	79PQ6122	IC TL431ACLP
ICA01	79PQ6125	IC SMD AD9888KS-170
ICA70A	79PQ6137	IC SMD AD8002AR
ICAA1	79PQ6129	IC SMD NC7WZ14
ICAA2	79PQ6129	IC SMD NC7WZ14
ICAA3	79PQ6133	IC SMD SN74CBTLV1G125DCK
ICAA4	79PQ6133	IC SMD SN74CBTLV1G125DCK
ICAA5	79PQ6142	IC SMD TA76431F
ICAA6	79PQ6132	IC SMD SN74CBTLV3125PW
ICK01	79PQ6127	IC SMD TFP401 MOS
ICK02	79PQ6127	IC SMD TFP401 MOS

SYMBOL	Part No for NMV	DESCRIPTION
PC901	79PQ5663	IC PHOTO COUPLE PC123Y
PC911	79PQ5663	IC PHOTO COUPLE PC123Y
PC9A1	79PQ5663	IC PHOTO COUPLE PC123Y

*** TRANSISTORS ***

Q101	79PQ6110	TR SMD DTC143ZKA-T146
Q102	79PQ6114	TR SMD 2SA1162-GR
Q104	79PQ6110	TR SMD DTC143ZKA-T146
Q105	79PQ6114	TR SMD 2SA1162-GR
Q151	79PQ6115	FET SMD 2SJ580-TD
Q152	79PQ6106	TR SMD 2SA1037AK-T146 Q
Q153	79PQ5517	CHIP TR NPN 2SC2412K-T146
Q154	79PQ6108	TR SMD DTC144EKA-T146(O)
Q155	79PQ6108	TR SMD DTC144EKA-T146(O)
Q156	79PQ6109	TR SMD DTA144EKA
Q157	79PQ6108	TR SMD DTC144EKA-T146(O)
Q261	79PQ6108	TR SMD DTC144EKA-T146(O)
Q262	79PQ6119	FET SMD 2SJ377(TE16L)
Q265	79PQ6117	FET SMD 2SK3018-T106
Q271	79PQ6108	TR SMD DTC144EKA-T146(O)
Q272	79PQ6108	TR SMD DTC144EKA-T146(O)
Q451	79PQ6114	TR SMD 2SA1162-GR
Q452	79PQ6108	TR SMD DTC144EKA-T146(O)
Q453	79PQ6108	TR SMD DTC144EKA-T146(O)
Q805	79PQ6108	TR SMD DTC144EKA-T146(O)
Q806	79PQ6113	TR SMD 2SC3734
Q807	79PQ6113	TR SMD 2SC3734
Q861	79PQ6117	FET SMD 2SK3018-T106
Q863	79PQ6117	FET SMD 2SK3018-T106
Q8A3	79PQ6108	TR SMD DTC144EKA-T146(O)
Q8E1	79PQ6108	TR SMD DTC144EKA-T146(O)
Q8E5	79PQ6108	TR SMD DTC144EKA-T146(O)
Q8E6	79PQ6108	TR SMD DTC144EKA-T146(O)
Q901	79PQ6116	FET 2SK3673-01MR-F111
Q908	79PQ6118	FET SMD 2SK2715 P
Q911	79PQ6106	TR SMD 2SA1037AK-T146 Q
Q912	79PQ5517	CHIP TR NPN 2SC2412K-T146
Q913	79PQ5517	CHIP TR NPN 2SC2412K-T146
Q930	79PQ6108	TR SMD DTC144EKA-T146(O)
Q931	79PQ6105	TR 2SC5562
Q932	79PQ6108	TR SMD DTC144EKA-T146(O)
Q933	79PQ6111	TR SMD DTB114EK
Q9E1	79PQ6108	TR SMD DTC144EKA-T146(O)
QA70A	79PQ6108	TR SMD DTC144EKA-T146(O)
QA70B	79PQ6112	TR SMD 2SC5084-O
QA70G	79PQ6112	TR SMD 2SC5084-O
QA70R	79PQ6112	TR SMD 2SC5084-O
QA71A	79PQ6115	FET SMD 2SJ580-TD

SYMBOL	Part No for NMV	DESCRIPTION
QA71B	79PQ6109	TR SMD DTA144EKA
QA71G	79PQ6109	TR SMD DTA144EKA
QA71R	79PQ6109	TR SMD DTA144EKA
QA72A	79PQ6109	TR SMD DTA144EKA
QA72B	79PQ6109	TR SMD DTA144EKA
QA72G	79PQ6109	TR SMD DTA144EKA
QA72R	79PQ6109	TR SMD DTA144EKA
QA73B	79PQ6109	TR SMD DTA144EKA
QA73G	79PQ6109	TR SMD DTA144EKA
QA73R	79PQ6109	TR SMD DTA144EKA
QA80B	79PQ6112	TR SMD 2SC5084-O
QA80G	79PQ6112	TR SMD 2SC5084-O
QA80R	79PQ6112	TR SMD 2SC5084-O
QA81B	79PQ6109	TR SMD DTA144EKA
QA81G	79PQ6109	TR SMD DTA144EKA
QA81R	79PQ6109	TR SMD DTA144EKA
QA82B	79PQ6109	TR SMD DTA144EKA
QA82G	79PQ6109	TR SMD DTA144EKA
QA82R	79PQ6109	TR SMD DTA144EKA
QA83B	79PQ6109	TR SMD DTA144EKA
QA83G	79PQ6109	TR SMD DTA144EKA
QA83R	79PQ6109	TR SMD DTA144EKA
QAA1	79PQ6108	TR SMD DTC144EKA-T146(O)
QAH1	79PQ6107	TR SMD 2SA1434-TB
QAH2	79PQ6107	TR SMD 2SA1434-TB
QAM1	79PQ6113	TR SMD 2SC3734
QAM2	79PQ6113	TR SMD 2SC3734
QAN1	79PQ6107	TR SMD 2SA1434-TB
QAN2	79PQ6107	TR SMD 2SA1434-TB
QKF1	79PQ6106	TR SMD 2SA1037AK-T146 Q

*** DIODES ***

D151	79PQ5251	CHIP DIODE/T 1SS355TE-17
D152	79PQ6150	DI SMD RB715F-T106
D221	79PQ6152	DI SMD SFPB-64
D222	79PQ5251	CHIP DIODE/T 1SS355TE-17
D271	79PQ5251	CHIP DIODE/T 1SS355TE-17
D272	79PQ5251	CHIP DIODE/T 1SS355TE-17
D273	79PQ5251	CHIP DIODE/T 1SS355TE-17
D274	79PQ5671	DIODE RB495D
D275	79PQ5671	DIODE RB495D
D2A1	79PQ6152	DI SMD SFPB-64
D2M1	79PQ6152	DI SMD SFPB-64
D901	79PQ6143	DI D3SBA60
D902	79PQ6147	DI RM10A (T)
D907	79PQ6148	DI EG01CV1-T
D911	79PQ6153	DI SMD 1SR156-400
D912	79PQ6155	DI SMD MA2Z001

SYMBOL	Part No for NMV	DESCRIPTION
D913	79PQ6156	DI SMD DG1M3
D914	79PQ6156	DI SMD DG1M3
D915	79PQ6155	DI SMD MA2Z001
D930	79PQ5251	CHIP DIODE/T 1SS355TE-17
D951	79PQ6144	DI FMX-22S
D9A1	79PQ6148	DI EG01CV1-T
D9A2	79PQ6155	DI SMD MA2Z001
D9E1	79PQ6145	DI RK39
D9X1	79PQ6146	DI FMG-G26S
D9X2	79PQ6154	DI SMD SFPL-52
DA01	79PQ5558	CHIP DIODE DAN217 T146
DA02	79PQ5558	CHIP DIODE DAN217 T146
DA03	79PQ5558	CHIP DIODE DAN217 T146
DA04	79PQ5251	CHIP DIODE/T 1SS355TE-17
DA11	79PQ5558	CHIP DIODE DAN217 T146
DA12	79PQ5558	CHIP DIODE DAN217 T146
DA13	79PQ5558	CHIP DIODE DAN217 T146
DA70A	79PQ6149	DI SMD 1SS356
DA71B	79PQ6149	DI SMD 1SS356
DA71G	79PQ6149	DI SMD 1SS356
DA71R	79PQ6149	DI SMD 1SS356
DA72B	79PQ6149	DI SMD 1SS356
DA72G	79PQ6149	DI SMD 1SS356
DA72R	79PQ6149	DI SMD 1SS356
DA73B	79PQ6149	DI SMD 1SS356
DA73G	79PQ6149	DI SMD 1SS356
DA73R	79PQ6149	DI SMD 1SS356
DA80A	79PQ6149	DI SMD 1SS356
DA81B	79PQ6149	DI SMD 1SS356
DA81G	79PQ6149	DI SMD 1SS356
DA81R	79PQ6149	DI SMD 1SS356
DA82B	79PQ6149	DI SMD 1SS356
DA82G	79PQ6149	DI SMD 1SS356
DA82R	79PQ6149	DI SMD 1SS356
DA83B	79PQ6149	DI SMD 1SS356
DA83G	79PQ6149	DI SMD 1SS356
DA83R	79PQ6149	DI SMD 1SS356
ZD8G2	79PQ6151	DI SMD STZ6.2N
ZD908	79PQ6163	ZD SMD UDZS7.5BTE-17
ZD910	79PQ6165	ZD SMD UDZS27BTE-17
ZD917	79PQ6164	ZD SMD UDZS18BTE-17
ZD918	79PQ6162	ZD SMD UDZS5.1BTE-17
ZD919	79PQ6161	ZD SMD UDZS4.7BTE-17
ZD920	79PQ6165	ZD SMD UDZS27BTE-17
ZD930	79PQ6163	ZD SMD UDZS7.5BTE-17
ZD9A4	79PQ6164	ZD SMD UDZS18BTE-17
ZDA01	79PQ6157	DI SMD DF5A6.2F(TE)
ZDA11	79PQ6157	DI SMD DF5A6.2F(TE)

SYMBOL	Part No for NMV	DESCRIPTION
*** TRANSFORMERS ***		
T901	79PQ6275	TRANS SWITCH ST-1102A
T9A1	79PQ6276	TRANS SWITCH L2.3MH
*** RELAYS & SWITCHES ***		
SW901	79PQ6283	SW SEESAW SDDJE14500
*** PWB ASSYS ***		
MANSAS	79PQ6103	MAIN INSERT ASSY
PWNSAS	79PQ6104	POWER INSERT ASSY
XJM01	79PQ6286	INVERTER UNIT L202EV
*** COILS & FILTERS ***		
FL203	79PQ6273	L SMD NFM60R30T222T1
FL2M1	79PQ6273	L SMD NFM60R30T222T1
FL901	79PQ6266	L LINE FILTER LFZ28H05
L115	79PQ6279	L BEAD SMD BK1608LM252-T
L116	79PQ6279	L BEAD SMD BK1608LM252-T
L117	79PQ6279	L BEAD SMD BK1608LM252-T
L118	79PQ6279	L BEAD SMD BK1608LM252-T
L119	79PQ6279	L BEAD SMD BK1608LM252-T
L120	79PQ6279	L BEAD SMD BK1608LM252-T
L121	79PQ6279	L BEAD SMD BK1608LM252-T
L122	79PQ6279	L BEAD SMD BK1608LM252-T
L123	79PQ6279	L BEAD SMD BK1608LM252-T
L125	79PQ6279	L BEAD SMD BK1608LM252-T
L221	79PQ6280	L BEAD SMD FBMH3216HM501N
L222	79PQ6280	L BEAD SMD FBMH3216HM501N
L223	79PQ6272	L SMD SLF10145T-101M1R0-P
L261	79PQ6280	L BEAD SMD FBMH3216HM501N
L262	79PQ6281	L BEAD SMD FBMH4525HM102N
L263	79PQ6280	L BEAD SMD FBMH3216HM501N
L271	79PQ6280	L BEAD SMD FBMH3216HM501N
L272	79PQ6280	L BEAD SMD FBMH3216HM501N
L2A1	79PQ6272	L SMD SLF10145T-101M1R0-P
L2A2	79PQ6280	L BEAD SMD FBMH3216HM501N
L2M1	79PQ6271	L SMD SLF12565T-101M1R6
L405	79PQ6280	L BEAD SMD FBMH3216HM501N
L406	79PQ6280	L BEAD SMD FBMH3216HM501N
L451	79PQ6279	L BEAD SMD BK1608LM252-T
L452	79PQ6277	L BEAD SMD BK1608HS800-T
L453	79PQ6277	L BEAD SMD BK1608HS800-T
L454	79PQ6279	L BEAD SMD BK1608LM252-T
L459	79PQ6279	L BEAD SMD BK1608LM252-T
L4A1	79PQ6279	L BEAD SMD BK1608LM252-T
L4A2	79PQ6280	L BEAD SMD FBMH3216HM501N
L4A3	79PQ6280	L BEAD SMD FBMH3216HM501N

SYMBOL	Part No for NMV	DESCRIPTION
L4A4	79PQ6282	L BEAD SMD BKP1608HS330-T
L4A5	79PQ6282	L BEAD SMD BKP1608HS330-T
L551	79PQ6278	L BEAD SMD BK1608HS601-T
L552	79PQ6278	L BEAD SMD BK1608HS601-T
L553	79PQ6278	L BEAD SMD BK1608HS601-T
L561	79PQ6278	L BEAD SMD BK1608HS601-T
L562	79PQ6278	L BEAD SMD BK1608HS601-T
L563	79PQ6278	L BEAD SMD BK1608HS601-T
L951	79PQ6270	L SBC7-100-532
L9A1	79PQ6274	L SMD LEMC3225T101K
L9E1	79PQ6269	L CHOKE TSL1112RA-100M3R7
L9X1	79PQ6267	L PFC COIL 77A-2702
L9X2	79PQ6268	L CHOKE 72U2A SF1-T8-50S-
LAA3	79PQ6282	L BEAD SMD BKP1608HS330-T
LAA4	79PQ6282	L BEAD SMD BKP1608HS330-T
LAA5	79PQ6282	L BEAD SMD BKP1608HS330-T
LAA6	79PQ6282	L BEAD SMD BKP1608HS330-T
LAA7	79PQ6282	L BEAD SMD BKP1608HS330-T
LAH1	79PQ6282	L BEAD SMD BKP1608HS330-T
LAH2	79PQ6282	L BEAD SMD BKP1608HS330-T
LAN1	79PQ6282	L BEAD SMD BKP1608HS330-T
LAN2	79PQ6282	L BEAD SMD BKP1608HS330-T

*** ELECTRICAL PARTS & MISCELLANEOUS PARTS ***

CN951	79PQ6287	WIRE CB14P 1007#26L100
F901	79PQ3032	FUSE SG5013 3.15 PF 250V
OSC4A1	79PQ6160	OSC SMD IC 55MHZ
TH901	79PQ6167	NTCR 10D2-10LC
VD901	79PQ5332	VARISTOR ENE471D-10A
X402	79PQ6158	OSC SMD XTAL 14.31818MHZ
X7A01	79PQ6288	WIRE CC30P 1516#30L250
X7A02	79PQ6289	WIRE CB13P 1007#26L70
X801	79PQ6159	OSC SMD CSTCR7M37G53-R0
XDJM02	79PQ6285	CABLE BUTTON BLK
XDRE03	79PQ6292	CABLE VI DVID-DVID 2M BK
XDRE04	79PQ6293	CABLE VI DVID-DSUB 2M BK
XDRG04	79PQ6297	PW CORD EU 1.95M BLK I-SH
XJG01	3A684034	LCD LM201U03 LGPHILIPS

*** APPEARANCE PARTS ***

BAAS	79PQ6063	BACK ASSY,L202EV(BK,N)
BE	79PQ6075	BEZEL,L202EV(BK,N)
BRBAAS	79PQ6065	BRACKET BASE ASSY,L202EV
CVCA	79PQ6082	COVER CABLE,L202EV(BK)
STCV	79PQ6080	STAND COVER TB,L202EV(BK)
STUN	79PQ6078	STAND UNIT,L202EV(BK)

SYMBOL	Part No for NMV	DESCRIPTION
*** PRINTED & PACKING MATERIALS ***		
CABX	79PQ6068	CARTON BOX,L202EV(B)
CASH	79PQ5232	CAUTION SHEET
CASHL	79PQ6084	CARTON SHEET,L202EV
CD	79PQ6099	CD PIVOT,NEC(A,B)
FLB	79PQ6086	FILLER B,L202EV
FLC	79PQ6087	FILLER C,L202EV
FLT	79PQ6085	FILLER T,L202EV
LVSH	79PQ6098	LVIEW SHEET
MANU	79PQ6092	MANUAL,L202EV(B)
NAFL	79PQ2790	NAVISET CARTON BOX FLYER
PABAG	79PQ6089	PACKING BAG(BK)
PEBAG	79PQ5129	PE BAG (340*225)
PROTE	79PQ6052	PROTECTION SHEET
RALA	79PQ6418	RATING LABEL,L202EV(BK)
SAFFLS	79PQ5832	SALES OFFICE LIST
SHSE	79PQ6096	SHEET SETUP,L202EV(B)
*** RESISTORS ***		
J921	79EN0189	R SMD 1/4W(T) 5% 0
J923	79EN0189	R SMD 1/4W(T) 5% 0
J924	79EN0189	R SMD 1/4W(T) 5% 0
J925	79EN0189	R SMD 1/4W(T) 5% 0
J926	79EN0189	R SMD 1/4W(T) 5% 0
J927	79EN0189	R SMD 1/4W(T) 5% 0
J928	79EN0189	R SMD 1/4W(T) 5% 0
J929	79EN0189	R SMD 1/4W(T) 5% 0
J930	79PQ6212	R SMD METAL 1/4W 0 JUMPER
J940	79EN0189	R SMD 1/4W(T) 5% 0
J961	79EN0189	R SMD 1/4W(T) 5% 0
J962	79EN0189	R SMD 1/4W(T) 5% 0
MR401	79PQ6209	R NET SMD 1/16W 150 J
MR402	79PQ6209	R NET SMD 1/16W 150 J
MR403	79PQ6209	R NET SMD 1/16W 150 J
MR404	79PQ6209	R NET SMD 1/16W 150 J
MR405	79PQ6209	R NET SMD 1/16W 150 J
MR406	79PQ6209	R NET SMD 1/16W 150 J
MR407	79PQ6209	R NET SMD 1/16W 150 J
MR408	79PQ6209	R NET SMD 1/16W 150 J
MR409	79PQ6209	R NET SMD 1/16W 150 J
MR410	79PQ6209	R NET SMD 1/16W 150 J
MR411	79PQ6209	R NET SMD 1/16W 150 J
MR412	79PQ6209	R NET SMD 1/16W 150 J
MR4G1	79PQ6207	R NET SMD 1/16W 33 J
MR4G3	79PQ6207	R NET SMD 1/16W 33 J
MR4G5	79PQ6207	R NET SMD 1/16W 33 J
MR4G7	79PQ6207	R NET SMD 1/16W 33 J
MR4G9	79PQ6207	R NET SMD 1/16W 33 J
MR4H1	79PQ6207	R NET SMD 1/16W 33 J
MRA01	79PQ6208	R NET SMD 1/16W 100 J

SYMBOL	Part No for NMV	DESCRIPTION
MRA03	79PQ6208	R NET SMD 1/16W 100 J
MRA05	79PQ6208	R NET SMD 1/16W 100 J
MRA07	79PQ6208	R NET SMD 1/16W 100 J
MRA09	79PQ6208	R NET SMD 1/16W 100 J
MRA11	79PQ6208	R NET SMD 1/16W 100 J
MRK01	79PQ6207	R NET SMD 1/16W 33 J
MRK03	79PQ6207	R NET SMD 1/16W 33 J
MRK05	79PQ6207	R NET SMD 1/16W 33 J
MRK07	79PQ6207	R NET SMD 1/16W 33 J
MRK09	79PQ6207	R NET SMD 1/16W 33 J
MRK11	79PQ6207	R NET SMD 1/16W 33 J
MRK13	79PQ6207	R NET SMD 1/16W 33 J
MRK15	79PQ6207	R NET SMD 1/16W 33 J
MRK17	79PQ6207	R NET SMD 1/16W 33 J
MRK19	79PQ6207	R NET SMD 1/16W 33 J
MRK21	79PQ6207	R NET SMD 1/16W 33 J
MRK23	79PQ6207	R NET SMD 1/16W 33 J
R101	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
R102	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
R103	79EN0158	R SMD 1/10W(T) 1% 180
R105	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
R106	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
R107	79EN0158	R SMD 1/10W(T) 1% 180
R117	79PQ1892	CHIP 1/8W(T) 5% 1K
R118	79PQ1892	CHIP 1/8W(T) 5% 1K
R119	79PQ1892	CHIP 1/8W(T) 5% 1K
R120	79PQ1892	CHIP 1/8W(T) 5% 1K
R121	79PQ1892	CHIP 1/8W(T) 5% 1K
R122	79PQ1892	CHIP 1/8W(T) 5% 1K
R123	79PQ1892	CHIP 1/8W(T) 5% 1K
R125	79PQ1892	CHIP 1/8W(T) 5% 1K
R151	79PQ6189	R SMD METAL 1/10W 1.5K F
R152	79PQ5869	R SMD METAL 1/10W 2.7K J
R153	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R154	79PQ5869	R SMD METAL 1/10W 2.7K J
R155	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R156	79PQ6178	R SMD METAL 1/10W 820K J
R157	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R158	79PQ6176	R SMD METAL 1/10W 56K J T
R159	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R15A	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R15E	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R15F	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R15L	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R201	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R202	79PQ6197	R SMD METAL 1/10W 56K F
R203	79EN0781	R SMD 1/10W(T) 1% 33K
R221	79PQ5316	CHIP RES 1/10W(T) 1% 1.8K

SYMBOL	Part No for NMV	DESCRIPTION
R222	79EN0780	R SMD 1/10W(T) 1% 27K
R223	79PQ6188	R SMD METAL 1/10W 1.2K F
R224	79PQ6194	R SMD METAL 1/10W 30K F
R225	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R226	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R261	79EN0183	R SMD 1/10W(T) 5% 33K
R262	79EN0183	R SMD 1/10W(T) 5% 33K
R266	79PQ5313	CHIP RES 1/10W(T) 1% 150K
R267	79EN0781	R SMD 1/10W(T) 1% 33K
R268	79PQ6210	R SMD METAL 1/2W 680 J
R269	79PQ6210	R SMD METAL 1/2W 680 J
R26A	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R271	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
R272	79PQ6175	R SMD METAL 1/10W 5.6K J
R273	79PQ6197	R SMD METAL 1/10W 56K F
R274	79EN0781	R SMD 1/10W(T) 1% 33K
R274A	79PQ5684	CHIP RES 1/10W(T) 1% 2.2K
R275	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
R276	79EN0781	R SMD 1/10W(T) 1% 33K
R277	79EN0781	R SMD 1/10W(T) 1% 33K
R277A	79PQ6188	R SMD METAL 1/10W 1.2K F
R278	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R2A1	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R2A2	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R2A3	79PQ6195	R SMD METAL 1/10W 390 F
R2A4	79PQ5280	CHIP RES 1/10W(T) 1% 1KOH
R2A5	79PQ6199	R SMD METAL 1/10W 8.2K F
R2A7	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R2M1	79PQ5278	CHIP RES 1/10W(T) 1% 4.7K
R2M2	79PQ6191	R SMD METAL 1/10W 22K F
R2M3	79PQ6188	R SMD METAL 1/10W 1.2K F
R2M4	79PQ5278	CHIP RES 1/10W(T) 1% 4.7K
R2M5	79PQ6200	R SMD METAL 1/10W 82 F
R402	79PQ6198	R SMD METAL 1/10W 62 F
R403	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
R405	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
R409	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R412	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R415	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R416	79PQ5039	CHIP 1/10W(T) 5% 47K
R418	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
R422	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
R429	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R430	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R433	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R435	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R449	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
R451	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K

SYMBOL	Part No for NMV	DESCRIPTION
R452	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
R453	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R454	79PQ5039	CHIP 1/10W(T) 5% 47K
R455	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R456	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R457	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R458	79PQ5039	CHIP 1/10W(T) 5% 47K
R459	79PQ5039	CHIP 1/10W(T) 5% 47K
R45E	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R45K	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R45P	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R45T	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R463	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R464	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R465	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R466	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R467	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R468	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R470	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
R4A2	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
R4A3	79EN0184	R SMD 1/10W(T) 5% 33
R4A4	79EN0184	R SMD 1/10W(T) 5% 33
R4A5	79EN0184	R SMD 1/10W(T) 5% 33
R4A6	79EN0184	R SMD 1/10W(T) 5% 33
R4A7	79EN0184	R SMD 1/10W(T) 5% 33
R4A8	79EN0184	R SMD 1/10W(T) 5% 33
R4A9	79EN0184	R SMD 1/10W(T) 5% 33
R4AK	79EN0184	R SMD 1/10W(T) 5% 33
R4AL	79EN0184	R SMD 1/10W(T) 5% 33
R4AM	79EN0184	R SMD 1/10W(T) 5% 33
R4AN	79EN0184	R SMD 1/10W(T) 5% 33
R4AP	79EN0184	R SMD 1/10W(T) 5% 33
R4AT	79EN0184	R SMD 1/10W(T) 5% 33
R4E0	79EN0184	R SMD 1/10W(T) 5% 33
R4E1	79EN0184	R SMD 1/10W(T) 5% 33
R4E2	79EN0184	R SMD 1/10W(T) 5% 33
R4E3	79EN0184	R SMD 1/10W(T) 5% 33
R4E4	79EN0184	R SMD 1/10W(T) 5% 33
R4E5	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4E6	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4E7	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4E8	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4E9	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R4EA	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R550	79PQ6186	R SMD METAL 1/4W 5.1K J T
R801	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R802	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R803	79EN0780	R SMD 1/10W(T) 1% 27K

SYMBOL	Part No for NMV	DESCRIPTION
R805	79PQ6192	R SMD METAL 1/10W 24K F
R806	79PQ5039	CHIP 1/10W(T) 5% 47K
R807	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R808	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R809	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R811	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R812	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R813	79EN0184	R SMD 1/10W(T) 5% 33
R814	79EN0184	R SMD 1/10W(T) 5% 33
R815	79EN0184	R SMD 1/10W(T) 5% 33
R816	79EN0184	R SMD 1/10W(T) 5% 33
R818	79EN0184	R SMD 1/10W(T) 5% 33
R819	79EN0184	R SMD 1/10W(T) 5% 33
R820	79EN0184	R SMD 1/10W(T) 5% 33
R821	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R822	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R823	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R826	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R827	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R828	79PQ5039	CHIP 1/10W(T) 5% 47K
R829	79PQ5039	CHIP 1/10W(T) 5% 47K
R830	79PQ5039	CHIP 1/10W(T) 5% 47K
R831	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R832	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R833	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R834	79PQ5039	CHIP 1/10W(T) 5% 47K
R838	79EN0184	R SMD 1/10W(T) 5% 33
R839	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R840	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R841	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R842	79PQ5039	CHIP 1/10W(T) 5% 47K
R844	79PQ5039	CHIP 1/10W(T) 5% 47K
R845	79PQ5039	CHIP 1/10W(T) 5% 47K
R846	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R849	79PQ6190	R SMD METAL 1/10W 18K F
R850	79EN0162	R SMD 1/10W(T) 1% 220K
R883	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R885	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R886	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R887	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R889	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R890	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R891	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
R8A2	79PQ6211	R SMD METAL 1W 33 J
R8A4	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8A5	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8A6	79PQ5039	CHIP 1/10W(T) 5% 47K
R8A7	79PQ5039	CHIP 1/10W(T) 5% 47K

SYMBOL	Part No for NMV	DESCRIPTION
R8AA	79PQ5039	CHIP 1/10W(T) 5% 47K
R8AE	79PQ5039	CHIP 1/10W(T) 5% 47K
R8AL	79PQ5039	CHIP 1/10W(T) 5% 47K
R8AX	79PQ5039	CHIP 1/10W(T) 5% 47K
R8AY	79PQ5039	CHIP 1/10W(T) 5% 47K
R8E1	79PQ5039	CHIP 1/10W(T) 5% 47K
R8E7	79PQ5039	CHIP 1/10W(T) 5% 47K
R8E8	79PQ5039	CHIP 1/10W(T) 5% 47K
R8E9	79PQ5039	CHIP 1/10W(T) 5% 47K
R8EA	79PQ5039	CHIP 1/10W(T) 5% 47K
R8EF	79PQ5039	CHIP 1/10W(T) 5% 47K
R8F2	79PQ6211	R SMD METAL 1W 33 J
R8F3	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R8F4	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8F5	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8F6	79PQ5039	CHIP 1/10W(T) 5% 47K
R8F7	79PQ5039	CHIP 1/10W(T) 5% 47K
R8FX	79PQ5039	CHIP 1/10W(T) 5% 47K
R8FY	79PQ5039	CHIP 1/10W(T) 5% 47K
R8G2	79PQ6211	R SMD METAL 1W 33 J
R8G3	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
R8G4	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R8G5	79PQ5272	CHIP RES 1/10W(T) 5% 100O
R901	79PQ6185	R SMD METAL 1/4W 470K J T
R902	79PQ6185	R SMD METAL 1/4W 470K J T
R903	79PQ6185	R SMD METAL 1/4W 470K J T
R904	79PQ6181	R SMD METAL 1/4W 1M J
R905	79PQ6181	R SMD METAL 1/4W 1M J
R906	79PQ6181	R SMD METAL 1/4W 1M J
R907	79PQ6169	R MOF 2W/M 100K J (A)
R908	79PQ6187	R SMD METAL 1/3W 2.2K J T
R909	79PQ6170	R MOF 2W/M 0.33 J(A)
R910	79PQ1897	CHIP 1/8W(T) 5% 22K
R911	79PQ6201	R SMD METAL 1/8W 4.7 F T
R912	79PQ6204	R SMD METAL 1/4W 10K F T
R913	79PQ6202	R SMD METAL 1/8W 680 F T
R914	79PQ5310	CHIP RES 1/8W(T) 5% 100KO
R915	79PQ6166	R CARBON 1/4W 5.6 J M T
R916	79PQ1896	CHIP 1/8W(T) 5% 220H
R917	79EN0232	R SMD 1/8W(T) 5% 470
R918	79PQ1891	CHIP 1/8W(T) 5% 100H
R920	79PQ1893	CHIP 1/8W(T) 5% 10K
R921	79PQ1898	CHIP 1/8W(T) 5% 33K
R922	79PQ6184	R SMD METAL 1/4W 33K J T
R923	79PQ1893	CHIP 1/8W(T) 5% 10K
R924	79PQ1893	CHIP 1/8W(T) 5% 10K
R925	79PQ1898	CHIP 1/8W(T) 5% 33K
R926	79PQ6203	R SMD METAL 1/8W 9.1K F T

SYMBOL	Part No for NMV	DESCRIPTION
R927	79PQ5310	CHIP RES 1/8W(T) 5% 100KO
R928	79PQ1902	CHIP 1/8W(T) 1% 10K
R929	79PQ1893	CHIP 1/8W(T) 5% 10K
R931	79PQ1897	CHIP 1/8W(T) 5% 22K
R933	79PQ5310	CHIP RES 1/8W(T) 5% 100KO
R934	79PQ1893	CHIP 1/8W(T) 5% 10K
R935	79PQ6181	R SMD METAL 1/4W 1M J
R936	79PQ6181	R SMD METAL 1/4W 1M J
R937	79PQ6181	R SMD METAL 1/4W 1M J
R951	79PQ5549	RES SMD 1/8W(T) 5% 1.2KOH
R952	79EN0218	R SMD 1/8W(T) 1% 7.5K
R953	79PQ2170	CHIP 1/8W(T) 1% 6.2K
R954	79PQ5361	CHIP RES 1/8W (T) 1% 2.2K
R955	79PQ1890	CHIP 1/8W(T) 5% 0 H
R956	79PQ1892	CHIP 1/8W(T) 5% 1K
R9A2	79PQ6168	R MOF 1W/M 47K J(A)
R9A3	79PQ5682	CHIP RES 1/8W(T) 5% 27OHM
R9A4	79PQ6180	R SMD METAL 1/4W 1.0K J T
R9A5	79PQ1969	CHIP 1/8W(T) 5% 3.9K
R9A6	79PQ1890	CHIP 1/8W(T) 5% 0 H
R9A7	79PQ1893	CHIP 1/8W(T) 5% 10K
R9A8	79PQ6179	R SMD METAL 1/4W 100 J T
R9E1	79PQ1891	CHIP 1/8W(T) 5% 100H
R9E2	79EN0200	R SMD 1/8W(T) 1% 1K
R9E3	79EN0227	R SMD 1/8W(T) 5% 22
R9E4	79EN0200	R SMD 1/8W(T) 1% 1K
R9E6	79PQ1890	CHIP 1/8W(T) 5% 0 H
R9E7	79PQ1969	CHIP 1/8W(T) 5% 3.9K
R9X1	79PQ6183	R SMD METAL 1/4W 2.2M J T
R9X2	79PQ6183	R SMD METAL 1/4W 2.2M J T
R9X4	79PQ1898	CHIP 1/8W(T) 5% 33K
R9X5	79PQ6206	R SMD METAL 1/4W 750K F
R9X6	79PQ6206	R SMD METAL 1/4W 750K F
R9X7	79PQ6205	R SMD METAL 1/4W 680K F
R9X8	79PQ1905	CHIP 1/8W(T) 1% 22K
R9X9	79PQ6182	R SMD METAL 1/4W 22K J T
R9Y1	79PQ1892	CHIP 1/8W(T) 5% 1K
R9Y2	79PQ1891	CHIP 1/8W(T) 5% 100H
R9Y3	79PQ6170	R MOF 2W/M 0.33 J(A)
RA03	79EN0184	R SMD 1/10W(T) 5% 33
RA04	79EN0184	R SMD 1/10W(T) 5% 33
RA05	79EN0184	R SMD 1/10W(T) 5% 33
RA06	79EN0184	R SMD 1/10W(T) 5% 33
RA07	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RA08	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RA11	79EN0179	R SMD 1/10W(T) 5% 10
RA12	79EN0179	R SMD 1/10W(T) 5% 10
RA19	79EN0184	R SMD 1/10W(T) 5% 33

SYMBOL	Part No for NMV	DESCRIPTION
RA20	79EN0184	R SMD 1/10W(T) 5% 33
RA21	79EN0184	R SMD 1/10W(T) 5% 33
RA22	79EN0184	R SMD 1/10W(T) 5% 33
RA23	79EN0184	R SMD 1/10W(T) 5% 33
RA24	79EN0184	R SMD 1/10W(T) 5% 33
RA27	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA28	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA29	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA30	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA34	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA37	79EN0184	R SMD 1/10W(T) 5% 33
RA43	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA44	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA4A	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA4E	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA70A	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
RA70B	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA70G	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA70R	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA71A	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA71B	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA71G	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA71R	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA72A	79EN0621	R CHIP 1/10W(T) 5% 33O
RA72B	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA72G	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA72R	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA73A	79PQ5869	R SMD METAL 1/10W 2.7K J
RA73B	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA73G	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA73R	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA74A	79PQ5308	CHIP RES 1/10W(T) 1% 220O
RA74B	79EN0621	R CHIP 1/10W(T) 5% 33O
RA74G	79EN0621	R CHIP 1/10W(T) 5% 33O
RA74R	79EN0621	R CHIP 1/10W(T) 5% 33O
RA75A	79PQ6196	R SMD METAL 1/10W 510 F
RA75B	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA75G	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA75R	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA76A	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA76B	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA76G	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA76R	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA77A	79PQ6177	R SMD METAL 1/10W 820 J T
RA77B	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA77G	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA77R	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA78A	79PQ5869	R SMD METAL 1/10W 2.7K J

SYMBOL	Part No for NMV	DESCRIPTION
RA78B	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA78G	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA78R	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA79A	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA79B	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA79G	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA79R	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA7AA	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA7AB	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA7AG	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA7AR	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA7EA	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
RA7HB	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA7HG	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA7HR	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA7LA	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
RA80B	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA80G	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA80R	79PQ5283	CHIP RES 1/10W(T) 1% 75OH
RA81B	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA81G	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA81R	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RA82A	79EN0621	R CHIP 1/10W(T) 5% 33O
RA82B	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA82G	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA82R	79PQ5306	CHIP RES 1/10W(T) 5% 15KO
RA83	79EN0184	R SMD 1/10W(T) 5% 33
RA83A	79PQ5869	R SMD METAL 1/10W 2.7K J
RA83B	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA83G	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA83R	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA84	79EN0184	R SMD 1/10W(T) 5% 33
RA84A	79PQ5308	CHIP RES 1/10W(T) 1% 220O
RA84B	79EN0621	R CHIP 1/10W(T) 5% 33O
RA84G	79EN0621	R CHIP 1/10W(T) 5% 33O
RA84R	79EN0621	R CHIP 1/10W(T) 5% 33O
RA85A	79PQ6196	R SMD METAL 1/10W 510 F
RA85B	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA85G	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA85R	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RA86	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RA86A	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA86B	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA86G	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA86R	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA87	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RA87A	79PQ6177	R SMD METAL 1/10W 820 J T
RA87B	79PQ5371	CHIP RES 1/10W (T) 5% 1KO

SYMBOL	Part No for NMV	DESCRIPTION
RA87G	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA87R	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA88A	79PQ5869	R SMD METAL 1/10W 2.7K J
RA88B	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA88G	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA88R	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA89A	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA89B	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA89G	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA89R	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA8AA	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RA8AB	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA8AG	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA8AR	79PQ5277	CHIP RES 1/10W(T) 5% 4.7K
RA8EA	79PQ5307	CHIP RES 1/10W(T) 5% 3.3K
RA8HB	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA8HG	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA8HR	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RA8KA	79PQ5869	R SMD METAL 1/10W 2.7K J
RA8LA	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
RAA3	79PQ5038	CHIP 1/10W(T) 5% 470H
RAA4	79PQ5315	CHIP RES 1/10W(T) 5% 2.2K
RAA5	79EN0186	R SMD 1/10W(T) 5% 6.8K
RAA6	79PQ5317	CHIP RES 1/10W(T) 5% 22KO
RAE3	79PQ6171	R SMD METAL 1/10W 18 J T
RAE4	79EN0184	R SMD 1/10W(T) 5% 33
RAE5	79EN0184	R SMD 1/10W(T) 5% 33
RAE6	79EN0184	R SMD 1/10W(T) 5% 33
RAFH	79EN0179	R SMD 1/10W(T) 5% 10
RAFK	79EN0179	R SMD 1/10W(T) 5% 10
RAH1	79PQ6173	R SMD METAL 1/10W 180K J
RAH2	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAH3	79PQ5036	CHIP 1/10W(T) 5% 150H
RAH5	79PQ6173	R SMD METAL 1/10W 180K J
RAH6	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAH7	79PQ5036	CHIP 1/10W(T) 5% 150H
RAM1	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RAM2	79PQ5675	CHIP RES 1/10W(T) 5% 10KO
RAM3	79PQ6172	R SMD METAL 1/10W 18K J T
RAM4	79PQ6172	R SMD METAL 1/10W 18K J T
RAM5	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAM6	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAM7	79PQ5869	R SMD METAL 1/10W 2.7K J
RAM8	79PQ5869	R SMD METAL 1/10W 2.7K J
RAN1	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RAN2	79PQ5282	CHIP RES 1/10W(T) 5% 47OH
RAN3	79PQ5778	CHIP RES 1/10W(T) 5% 68K
RAN4	79PQ5778	CHIP RES 1/10W(T) 5% 68K

SYMBOL	Part No for NMV	DESCRIPTION
RAN5	79PQ6173	R SMD METAL 1/10W 180K J
RAN6	79PQ6173	R SMD METAL 1/10W 180K J
RAN7	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAN8	79PQ5371	CHIP RES 1/10W (T) 5% 1KO
RAN9	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RANA	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RK01	79PQ6174	R SMD METAL 1/10W 390 J T
RK07	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
RK08	79EN0184	R SMD 1/10W(T) 5% 33
RK09	79PQ5039	CHIP 1/10W(T) 5% 47K
RK0A	79PQ5039	CHIP 1/10W(T) 5% 47K
RK10	79PQ5039	CHIP 1/10W(T) 5% 47K
RK11	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
RK16	79PQ6174	R SMD METAL 1/10W 390 J T
RK22	79PQ5314	CHIP RES 1/10W(T) 5% 56OH
RK23	79EN0184	R SMD 1/10W(T) 5% 33
RK24	79PQ5039	CHIP 1/10W(T) 5% 47K
RK25	79PQ5039	CHIP 1/10W(T) 5% 47K
RK26	79PQ5320	CHIP RES 1/10W(T) 5% 0OHM
RK2A	79PQ5039	CHIP 1/10W(T) 5% 47K
RK2E	79PQ5039	CHIP 1/10W(T) 5% 47K
RKAE	79PQ5039	CHIP 1/10W(T) 5% 47K
RKF1	79PQ6196	R SMD METAL 1/10W 510 F
RKF2	79PQ6196	R SMD METAL 1/10W 510 F
RKF6	79PQ6193	R SMD METAL 1/10W 2.7K F
RKF7	79PQ5272	CHIP RES 1/10W(T) 5% 100O
RKF8	79PQ5039	CHIP 1/10W(T) 5% 47K
RKF9	79PQ5272	CHIP RES 1/10W(T) 5% 100O

*** CAPACITORS ***

C151	79PQ6261	C SMD CER CH 390P 50V J
C152	79PQ6256	C SMD CER BJ 1U 6.3V K
C153	79PQ6225	C SMD ELE105 4.7U 25V M
C154	79PQ6257	C SMD CER BJ 1U 10V M
C15A	79PQ6246	C SMD CER BJ 10U 6.3V M
C201	79PQ6250	C SMD CER BJ 22U 6.3V M
C221	79PQ6227	C SMD ELE105 100U 10V M
C222	79PQ6246	C SMD CER BJ 10U 6.3V M
C223	79PQ6230	C SMD ELE105 330U 16V M
C224	79PQ6224	C SMD ELE105 10U 16V M
C225	79PQ6255	C SMD CER F 0.1U 25V Z
C226	79PQ6255	C SMD CER F 0.1U 25V Z
C22E	79PQ6255	C SMD CER F 0.1U 25V Z
C22F	79PQ6259	C SMD CER BJ 2.2U 6.3V M
C261	79PQ6255	C SMD CER F 0.1U 25V Z
C263	79PQ6224	C SMD ELE105 10U 16V M
C265	79PQ6255	C SMD CER F 0.1U 25V Z
C26A	79PQ6255	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NMV	DESCRIPTION
C271	79PQ6250	C SMD CER BJ 22U 6.3V M
C273	79PQ6255	C SMD CER F 0.1U 25V Z
C274	79PQ6255	C SMD CER F 0.1U 25V Z
C275	79PQ6255	C SMD CER F 0.1U 25V Z
C276	79PQ6255	C SMD CER F 0.1U 25V Z
C277	79PQ6246	C SMD CER BJ 10U 6.3V M
C278	79PQ6246	C SMD CER BJ 10U 6.3V M
C27E	79PQ6256	C SMD CER BJ 1U 6.3V K
C281	79PQ6250	C SMD CER BJ 22U 6.3V M
C2A2	79PQ6255	C SMD CER F 0.1U 25V Z
C2A3	79PQ6255	C SMD CER F 0.1U 25V Z
C2A4	79PQ6228	C SMD ELE105 22U 25V M
C2A5	79PQ6230	C SMD ELE105 330U 16V M
C2E1	79PQ6255	C SMD CER F 0.1U 25V Z
C2M1	79PQ6229	C SMD ELE105 100U 25V M
C2M2	79PQ6249	C SMD CER BJ 0.047U 25V K
C2M3	79PQ6260	C SMD CER B 2700P 50V K
C2M4	79PQ6255	C SMD CER F 0.1U 25V Z
C2M5	79PQ6255	C SMD CER F 0.1U 25V Z
C2M6	79PQ6231	C SMD ELE105 680U 16V M
C409	79PQ6246	C SMD CER BJ 10U 6.3V M
C410	79PQ6255	C SMD CER F 0.1U 25V Z
C411	79PQ6255	C SMD CER F 0.1U 25V Z
C412	79PQ6255	C SMD CER F 0.1U 25V Z
C413	79PQ6255	C SMD CER F 0.1U 25V Z
C414	79PQ6255	C SMD CER F 0.1U 25V Z
C415	79PQ6255	C SMD CER F 0.1U 25V Z
C416	79PQ6255	C SMD CER F 0.1U 25V Z
C417	79PQ6255	C SMD CER F 0.1U 25V Z
C418	79PQ6255	C SMD CER F 0.1U 25V Z
C419	79PQ6255	C SMD CER F 0.1U 25V Z
C420	79PQ6255	C SMD CER F 0.1U 25V Z
C421	79PQ6255	C SMD CER F 0.1U 25V Z
C422	79PQ6255	C SMD CER F 0.1U 25V Z
C423	79PQ6255	C SMD CER F 0.1U 25V Z
C424	79PQ6255	C SMD CER F 0.1U 25V Z
C425	79PQ6246	C SMD CER BJ 10U 6.3V M
C426	79PQ6255	C SMD CER F 0.1U 25V Z
C427	79PQ6255	C SMD CER F 0.1U 25V Z
C428	79PQ6255	C SMD CER F 0.1U 25V Z
C429	79PQ6255	C SMD CER F 0.1U 25V Z
C430	79PQ6255	C SMD CER F 0.1U 25V Z
C431	79PQ6255	C SMD CER F 0.1U 25V Z
C432	79PQ6255	C SMD CER F 0.1U 25V Z
C433	79PQ6255	C SMD CER F 0.1U 25V Z
C434	79PQ6255	C SMD CER F 0.1U 25V Z
C443	79PQ6246	C SMD CER BJ 10U 6.3V M
C444	79PQ6246	C SMD CER BJ 10U 6.3V M

SYMBOL	Part No for NMV	DESCRIPTION
C451	79PQ6255	C SMD CER F 0.1U 25V Z
C452	79PQ6246	C SMD CER BJ 10U 6.3V M
C454	79PQ6251	C SMD CER CH 10P 50V D
C455	79PQ6251	C SMD CER CH 10P 50V D
C458	79PQ6255	C SMD CER F 0.1U 25V Z
C459	79PQ6255	C SMD CER F 0.1U 25V Z
C45F	79PQ6255	C SMD CER F 0.1U 25V Z
C4A2	79PQ6224	C SMD ELE105 10U 16V M
C4A4	79PQ6255	C SMD CER F 0.1U 25V Z
C4E0	79PQ6255	C SMD CER F 0.1U 25V Z
C4E1	79PQ6255	C SMD CER F 0.1U 25V Z
C4E2	79PQ6255	C SMD CER F 0.1U 25V Z
C4E3	79PQ6255	C SMD CER F 0.1U 25V Z
C4E4	79PQ6255	C SMD CER F 0.1U 25V Z
C4E5	79PQ6255	C SMD CER F 0.1U 25V Z
C4E6	79PQ6255	C SMD CER F 0.1U 25V Z
C4E7	79PQ6255	C SMD CER F 0.1U 25V Z
C4E8	79PQ6255	C SMD CER F 0.1U 25V Z
C4E9	79PQ6255	C SMD CER F 0.1U 25V Z
C4F0	79PQ6255	C SMD CER F 0.1U 25V Z
C4F1	79PQ6255	C SMD CER F 0.1U 25V Z
C4F2	79PQ6255	C SMD CER F 0.1U 25V Z
C4F3	79PQ6255	C SMD CER F 0.1U 25V Z
C4F4	79PQ6255	C SMD CER F 0.1U 25V Z
C4F5	79PQ6255	C SMD CER F 0.1U 25V Z
C4F6	79PQ6255	C SMD CER F 0.1U 25V Z
C4F7	79PQ6255	C SMD CER F 0.1U 25V Z
C4F8	79PQ6255	C SMD CER F 0.1U 25V Z
C4F9	79PQ6255	C SMD CER F 0.1U 25V Z
C4FA	79PQ6255	C SMD CER F 0.1U 25V Z
C4FE	79PQ6255	C SMD CER F 0.1U 25V Z
C4FF	79PQ6255	C SMD CER F 0.1U 25V Z
C4FH	79PQ6255	C SMD CER F 0.1U 25V Z
C4FJ	79PQ6255	C SMD CER F 0.1U 25V Z
C4FK	79PQ6255	C SMD CER F 0.1U 25V Z
C4FL	79PQ6255	C SMD CER F 0.1U 25V Z
C4FM	79PQ6255	C SMD CER F 0.1U 25V Z
C4FMZ	79PQ6255	C SMD CER F 0.1U 25V Z
C4FN	79PQ6255	C SMD CER F 0.1U 25V Z
C4FP	79PQ6255	C SMD CER F 0.1U 25V Z
C4FQ	79PQ6255	C SMD CER F 0.1U 25V Z
C4FR	79PQ6255	C SMD CER F 0.1U 25V Z
C4FS	79PQ6255	C SMD CER F 0.1U 25V Z
C4FT	79PQ6255	C SMD CER F 0.1U 25V Z
C4FW	79PQ6224	C SMD ELE105 10U 16V M
C4FX	79PQ6259	C SMD CER BJ 2.2U 6.3V M
C4FY	79PQ6255	C SMD CER F 0.1U 25V Z
C551	79PQ6255	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NMV	DESCRIPTION
C552	79PQ6255	C SMD CER F 0.1U 25V Z
C553	79PQ6255	C SMD CER F 0.1U 25V Z
C554	79PQ6255	C SMD CER F 0.1U 25V Z
C555	79PQ6255	C SMD CER F 0.1U 25V Z
C556	79PQ6255	C SMD CER F 0.1U 25V Z
C561	79PQ6255	C SMD CER F 0.1U 25V Z
C562	79PQ6255	C SMD CER F 0.1U 25V Z
C563	79PQ6255	C SMD CER F 0.1U 25V Z
C564	79PQ6255	C SMD CER F 0.1U 25V Z
C565	79PQ6255	C SMD CER F 0.1U 25V Z
C566	79PQ6255	C SMD CER F 0.1U 25V Z
C801	79PQ6255	C SMD CER F 0.1U 25V Z
C802	79PQ6254	C SMD CER B 0.1U 16V K
C805	79PQ6255	C SMD CER F 0.1U 25V Z
C806	79PQ6255	C SMD CER F 0.1U 25V Z
C807	79PQ6255	C SMD CER F 0.1U 25V Z
C808	79PQ6255	C SMD CER F 0.1U 25V Z
C809	79PQ6255	C SMD CER F 0.1U 25V Z
C810	79PQ6255	C SMD CER F 0.1U 25V Z
C811	79PQ6255	C SMD CER F 0.1U 25V Z
C812	79PQ6255	C SMD CER F 0.1U 25V Z
C813	79PQ6255	C SMD CER F 0.1U 25V Z
C815	79PQ6255	C SMD CER F 0.1U 25V Z
C818	79PQ6255	C SMD CER F 0.1U 25V Z
C819	79PQ6255	C SMD CER F 0.1U 25V Z
C820	79PQ6254	C SMD CER B 0.1U 16V K
C821	79PQ6254	C SMD CER B 0.1U 16V K
C8A1	79PQ6255	C SMD CER F 0.1U 25V Z
C8A2	79PQ6255	C SMD CER F 0.1U 25V Z
C8E1	79PQ6255	C SMD CER F 0.1U 25V Z
C901	79PQ6223	C SAFE X 0.47U AC275V K
C902	79PQ6223	C SAFE X 0.47U AC275V K
C905	79PQ1982	SAFETY Y-CAP/D1000P/400VM
C906	79PQ6221	C ELE105 120U 450V SNAP-I
C907	79PQ6235	C FILM MM 0.01U 400V J
C910	79PQ6220	C ELE105 22U 50V M (T)
C911	79PQ6213	C ELE105 100U 35V M (T)
C912	79PQ6242	C SMD CER F 0.1U 50V Z
C913	79PQ5468	C SMD C0G 1000P 50V J 080
C914	79PQ6238	C SMD CER CH 10P 50V C
C915	79PQ6241	C SMD CER BJ 0.1U 25V K
C920	79PQ6240	C SMD CER B 0.01U 50V K
C925	79PQ6236	C FILM MM 0.47U 100V J
C926	79PQ6245	C SMD CER BJ 10U 6.3V K
C927	79PQ5790	C ELE105 4.7U 50V M (T)
C951	79PQ6218	C ELE105 1500U 25V M (T)
C952	79PQ6218	C ELE105 1500U 25V M (T)
C953	79PQ6217	C ELE105 1000U 25V M (T)

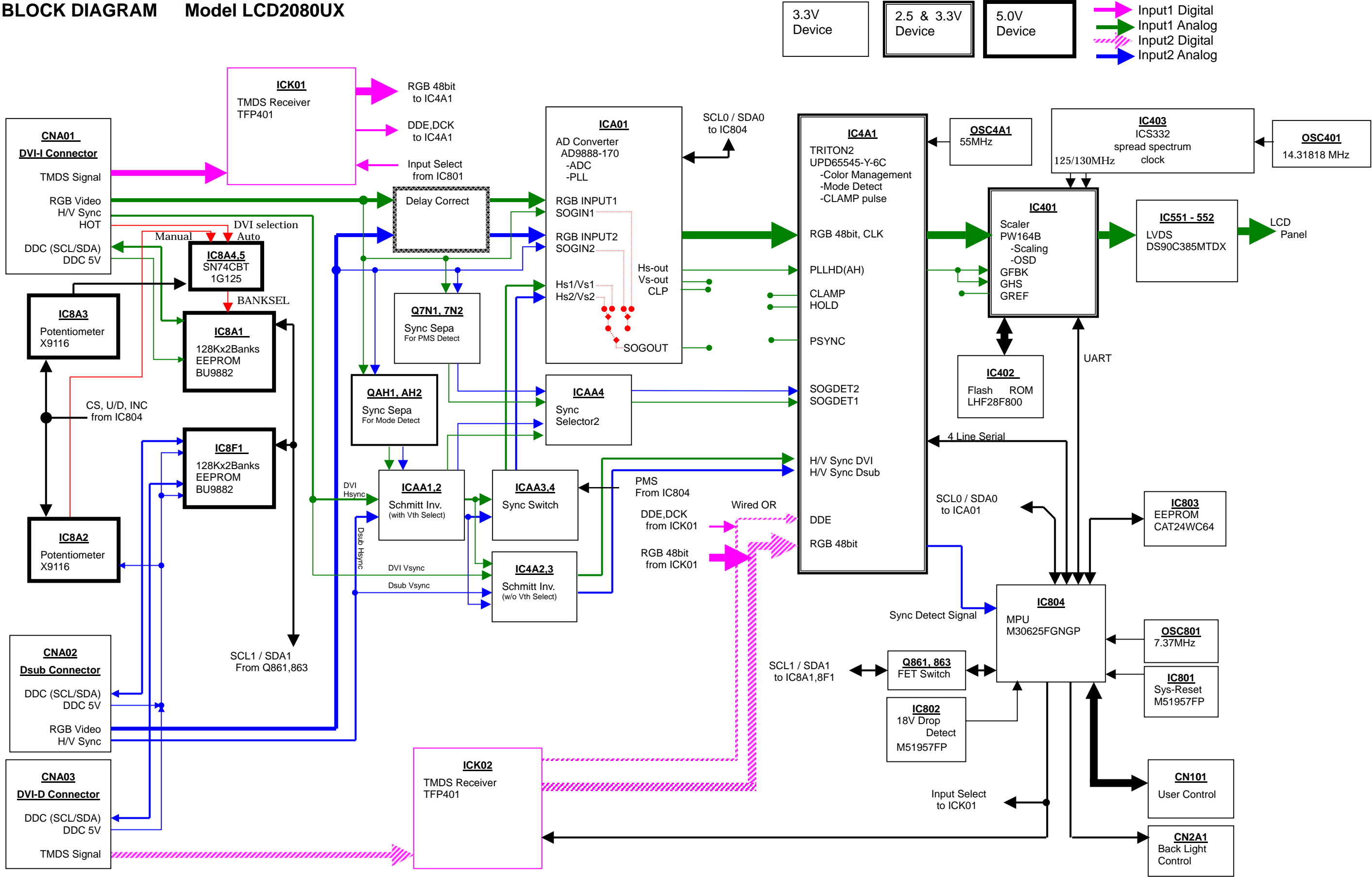
SYMBOL	Part No for NMV	DESCRIPTION
C954	79PQ6244	C SMD CER BJ 1U 16V M
C955	79PQ6222	C CER SL 150P 1KV J (T)
C9A2	79PQ6215	C ELE105 2.2U 50V M (T)
C9A3	79PQ6235	C FILM MM 0.01U 400V J
C9A4	79PQ6241	C SMD CER BJ 0.1U 25V K
C9A6	79PQ6243	C SMD CER BJ 1U 10V K
C9A7	79PQ6216	C ELE105 47U 25V M (T)
C9E1	79PQ6219	C ELE105 2200U 10V M (T)
C9E2	79PQ6243	C SMD CER BJ 1U 10V K
C9E3	79PQ6214	C ELE105 1000U 10V M (T)
C9X1	79PQ6237	C FILM PMS 0.47U 400V J
C9X2	79PQ6240	C SMD CER B 0.01U 50V K
C9X3	79PQ6248	C SMD CER B 470P 50V K
C9X4	79PQ6247	C SMD CER BJ 0.33U 16V K
C9X5	79PQ6239	C SMD CER SL 100P 50V J
CA05	79PQ6263	C SMD CER BJ 0.047U 16V K
CA06	79PQ6263	C SMD CER BJ 0.047U 16V K
CA07	79PQ6263	C SMD CER BJ 0.047U 16V K
CA08	79PQ6263	C SMD CER BJ 0.047U 16V K
CA09	79PQ6263	C SMD CER BJ 0.047U 16V K
CA10	79PQ6263	C SMD CER BJ 0.047U 16V K
CA12	79PQ6253	C SMD CER B 1000P 50V K
CA19	79PQ6253	C SMD CER B 1000P 50V K
CA20	79PQ6246	C SMD CER BJ 10U 6.3V M
CA21	79PQ6234	C SMD FILM ECHU 8200P 16V
CA22	79PQ6233	C SMD FILM ECHU 47000P 16
CA23	79PQ6255	C SMD CER F 0.1U 25V Z
CA24	79PQ6255	C SMD CER F 0.1U 25V Z
CA25	79PQ6255	C SMD CER F 0.1U 25V Z
CA26	79PQ6256	C SMD CER BJ 1U 6.3V K
CA28	79PQ6255	C SMD CER F 0.1U 25V Z
CA29	79PQ6255	C SMD CER F 0.1U 25V Z
CA2A	79PQ6232	C SMD FILM ECHU 15000P 16
CA36	79PQ6255	C SMD CER F 0.1U 25V Z
CA37	79PQ6255	C SMD CER F 0.1U 25V Z
CA38	79PQ6255	C SMD CER F 0.1U 25V Z
CA39	79PQ6255	C SMD CER F 0.1U 25V Z
CA40	79PQ6255	C SMD CER F 0.1U 25V Z
CA41	79PQ6255	C SMD CER F 0.1U 25V Z
CA42	79PQ6255	C SMD CER F 0.1U 25V Z
CA43	79PQ6255	C SMD CER F 0.1U 25V Z
CA44	79PQ6255	C SMD CER F 0.1U 25V Z
CA45	79PQ6255	C SMD CER F 0.1U 25V Z
CA53	79PQ6246	C SMD CER BJ 10U 6.3V M
CA67	79PQ6246	C SMD CER BJ 10U 6.3V M
CA70A	79PQ6246	C SMD CER BJ 10U 6.3V M
CA70B	79PQ6255	C SMD CER F 0.1U 25V Z
CA70G	79PQ6255	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NMV	DESCRIPTION
CA70R	79PQ6255	C SMD CER F 0.1U 25V Z
CA71B	79PQ6246	C SMD CER BJ 10U 6.3V M
CA71G	79PQ6246	C SMD CER BJ 10U 6.3V M
CA71R	79PQ6246	C SMD CER BJ 10U 6.3V M
CA72A	79PQ6255	C SMD CER F 0.1U 25V Z
CA72B	79PQ6255	C SMD CER F 0.1U 25V Z
CA72G	79PQ6255	C SMD CER F 0.1U 25V Z
CA72R	79PQ6255	C SMD CER F 0.1U 25V Z
CA73B	79PQ6251	C SMD CER CH 10P 50V D
CA73G	79PQ6251	C SMD CER CH 10P 50V D
CA73R	79PQ6251	C SMD CER CH 10P 50V D
CA74B	79PQ6255	C SMD CER F 0.1U 25V Z
CA74G	79PQ6255	C SMD CER F 0.1U 25V Z
CA74R	79PQ6255	C SMD CER F 0.1U 25V Z
CA75A	79PQ6246	C SMD CER BJ 10U 6.3V M
CA75B	79PQ6258	C SMD CER CH 22P 50V J
CA75G	79PQ6258	C SMD CER CH 22P 50V J
CA75R	79PQ6258	C SMD CER CH 22P 50V J
CA76B	79PQ6255	C SMD CER F 0.1U 25V Z
CA76G	79PQ6255	C SMD CER F 0.1U 25V Z
CA76R	79PQ6255	C SMD CER F 0.1U 25V Z
CA77A	79PQ6264	C SMD CER CH 68P 50V J
CA77B	79PQ6262	C SMD CER CH 47P 50V J
CA77G	79PQ6262	C SMD CER CH 47P 50V J
CA77R	79PQ6262	C SMD CER CH 47P 50V J
CA78A	79PQ6255	C SMD CER F 0.1U 25V Z
CA80A	79PQ6246	C SMD CER BJ 10U 6.3V M
CA80B	79PQ6255	C SMD CER F 0.1U 25V Z
CA80G	79PQ6255	C SMD CER F 0.1U 25V Z
CA80R	79PQ6255	C SMD CER F 0.1U 25V Z
CA81B	79PQ6246	C SMD CER BJ 10U 6.3V M
CA81G	79PQ6246	C SMD CER BJ 10U 6.3V M
CA81R	79PQ6246	C SMD CER BJ 10U 6.3V M
CA82B	79PQ6255	C SMD CER F 0.1U 25V Z
CA82G	79PQ6255	C SMD CER F 0.1U 25V Z
CA82R	79PQ6255	C SMD CER F 0.1U 25V Z
CA83B	79PQ6251	C SMD CER CH 10P 50V D
CA83G	79PQ6251	C SMD CER CH 10P 50V D
CA83R	79PQ6251	C SMD CER CH 10P 50V D
CA84B	79PQ6255	C SMD CER F 0.1U 25V Z
CA84G	79PQ6255	C SMD CER F 0.1U 25V Z
CA84R	79PQ6255	C SMD CER F 0.1U 25V Z
CA85A	79PQ6246	C SMD CER BJ 10U 6.3V M
CA85B	79PQ6258	C SMD CER CH 22P 50V J
CA85G	79PQ6258	C SMD CER CH 22P 50V J
CA85R	79PQ6258	C SMD CER CH 22P 50V J
CA86B	79PQ6255	C SMD CER F 0.1U 25V Z
CA86G	79PQ6255	C SMD CER F 0.1U 25V Z

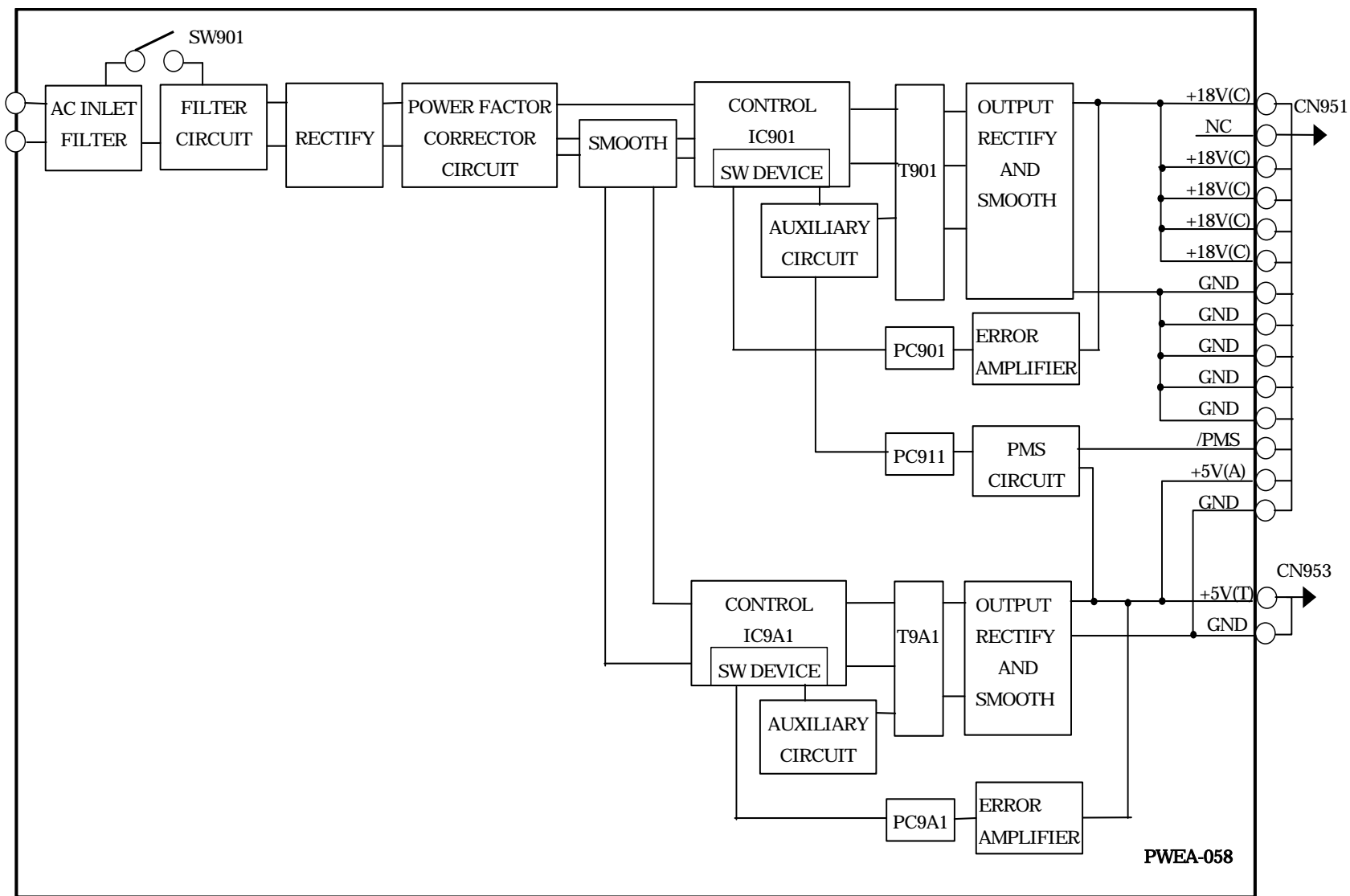
SYMBOL	Part No for NMV	DESCRIPTION
CA86R	79PQ6255	C SMD CER F 0.1U 25V Z
CA87A	79PQ6264	C SMD CER CH 68P 50V J
CA87B	79PQ6262	C SMD CER CH 47P 50V J
CA87G	79PQ6262	C SMD CER CH 47P 50V J
CA87R	79PQ6262	C SMD CER CH 47P 50V J
CA88A	79PQ6255	C SMD CER F 0.1U 25V Z
CA90	79PQ6253	C SMD CER B 1000P 50V K
CA91	79PQ6253	C SMD CER B 1000P 50V K
CAA1	79PQ6255	C SMD CER F 0.1U 25V Z
CAA2	79PQ6255	C SMD CER F 0.1U 25V Z
CAA3	79PQ6255	C SMD CER F 0.1U 25V Z
CAA4	79PQ6255	C SMD CER F 0.1U 25V Z
CAA5	79PQ6255	C SMD CER F 0.1U 25V Z
CAA6	79PQ6224	C SMD ELE105 10U 16V M
CAH1	79PQ6256	C SMD CER BJ 1U 6.3V K
CAH2	79PQ6256	C SMD CER BJ 1U 6.3V K
CAH3	79PQ6265	C SMD CER B 6800P 50V K
CAH4	79PQ6265	C SMD CER B 6800P 50V K
CAM3	79PQ6246	C SMD CER BJ 10U 6.3V M
CAM4	79PQ6246	C SMD CER BJ 10U 6.3V M
CAN1	79PQ6256	C SMD CER BJ 1U 6.3V K
CAN2	79PQ6256	C SMD CER BJ 1U 6.3V K
CAN3	79PQ6265	C SMD CER B 6800P 50V K
CAN4	79PQ6265	C SMD CER B 6800P 50V K
CK01	79PQ6255	C SMD CER F 0.1U 25V Z
CK02	79PQ6255	C SMD CER F 0.1U 25V Z
CK03	79PQ6255	C SMD CER F 0.1U 25V Z
CK04	79PQ6255	C SMD CER F 0.1U 25V Z
CK05	79PQ6255	C SMD CER F 0.1U 25V Z
CK06	79PQ6255	C SMD CER F 0.1U 25V Z
CK07	79PQ6255	C SMD CER F 0.1U 25V Z
CK08	79PQ6255	C SMD CER F 0.1U 25V Z
CK09	79PQ6252	C SMD CER CH 100P 50V J
CK10	79PQ6252	C SMD CER CH 100P 50V J
CK11	79PQ6252	C SMD CER CH 100P 50V J
CK12	79PQ6252	C SMD CER CH 100P 50V J
CK13	79PQ6252	C SMD CER CH 100P 50V J
CK14	79PQ6246	C SMD CER BJ 10U 6.3V M
CK16	79PQ6226	C SMD ELE105 100U 16V M
CK17	79PQ6252	C SMD CER CH 100P 50V J
CK18	79PQ6246	C SMD CER BJ 10U 6.3V M
CK19	79PQ6255	C SMD CER F 0.1U 25V Z
CK20	79PQ6255	C SMD CER F 0.1U 25V Z
CK21	79PQ6255	C SMD CER F 0.1U 25V Z
CK22	79PQ6255	C SMD CER F 0.1U 25V Z
CK23	79PQ6255	C SMD CER F 0.1U 25V Z
CK24	79PQ6255	C SMD CER F 0.1U 25V Z
CK25	79PQ6255	C SMD CER F 0.1U 25V Z

SYMBOL	Part No for NMV	DESCRIPTION
CK26	79PQ6255	C SMD CER F 0.1U 25V Z
CK27	79PQ6252	C SMD CER CH 100P 50V J
CK28	79PQ6252	C SMD CER CH 100P 50V J
CK29	79PQ6252	C SMD CER CH 100P 50V J
CK30	79PQ6252	C SMD CER CH 100P 50V J
CK31	79PQ6252	C SMD CER CH 100P 50V J
CK32	79PQ6246	C SMD CER BJ 10U 6.3V M
CK34	79PQ6226	C SMD ELE105 100U 16V M
CK35	79PQ6252	C SMD CER CH 100P 50V J
CK36	79PQ6246	C SMD CER BJ 10U 6.3V M
CKF1	79PQ6255	C SMD CER F 0.1U 25V Z
CKF2	79PQ6255	C SMD CER F 0.1U 25V Z

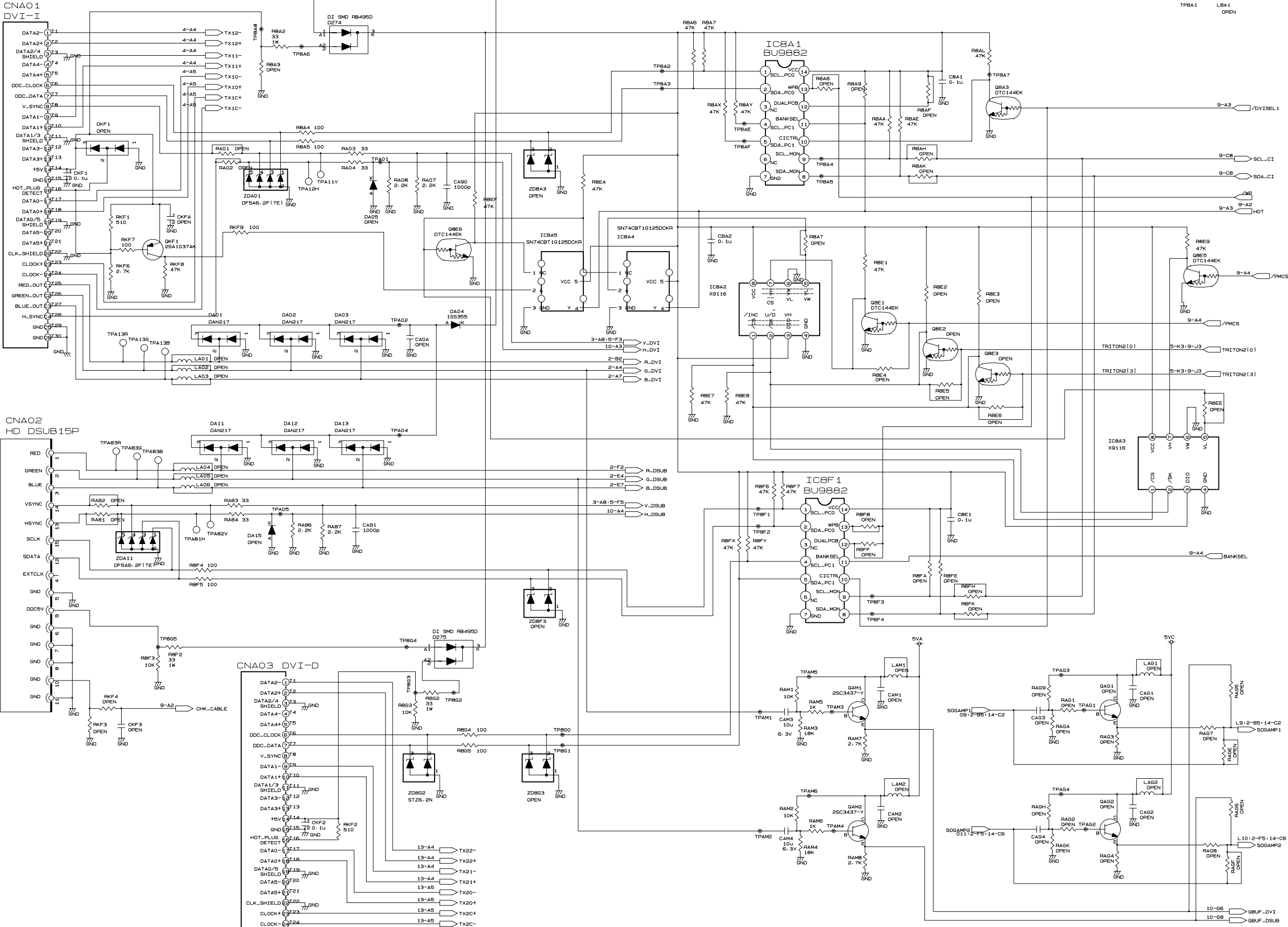
BLOCK DIAGRAM Model LCD2080UX



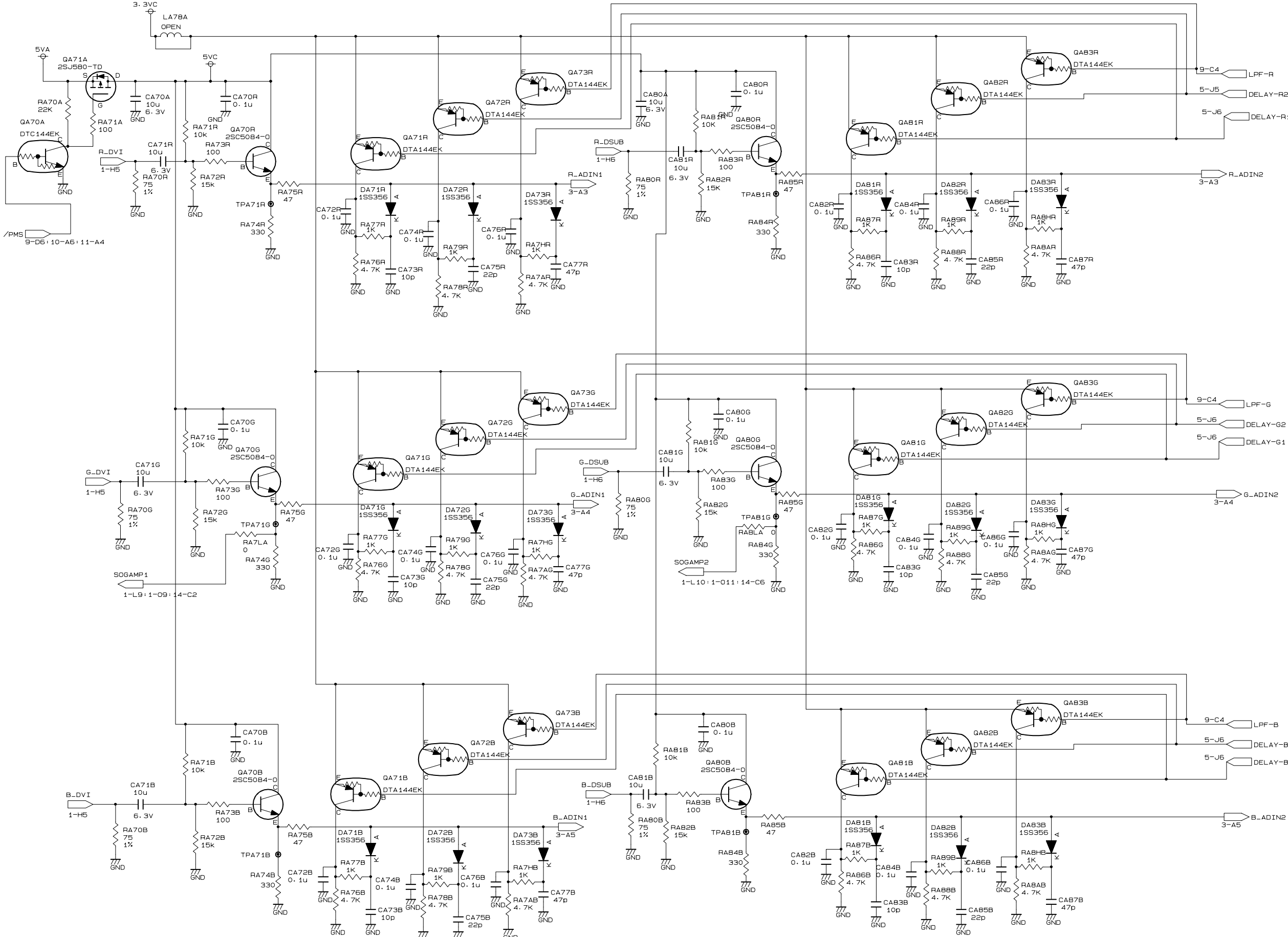
BLOCK DIAGRAM SWITCHING REGULATOR (SW.REG PWB PWEA-058) Model LCD2080UX



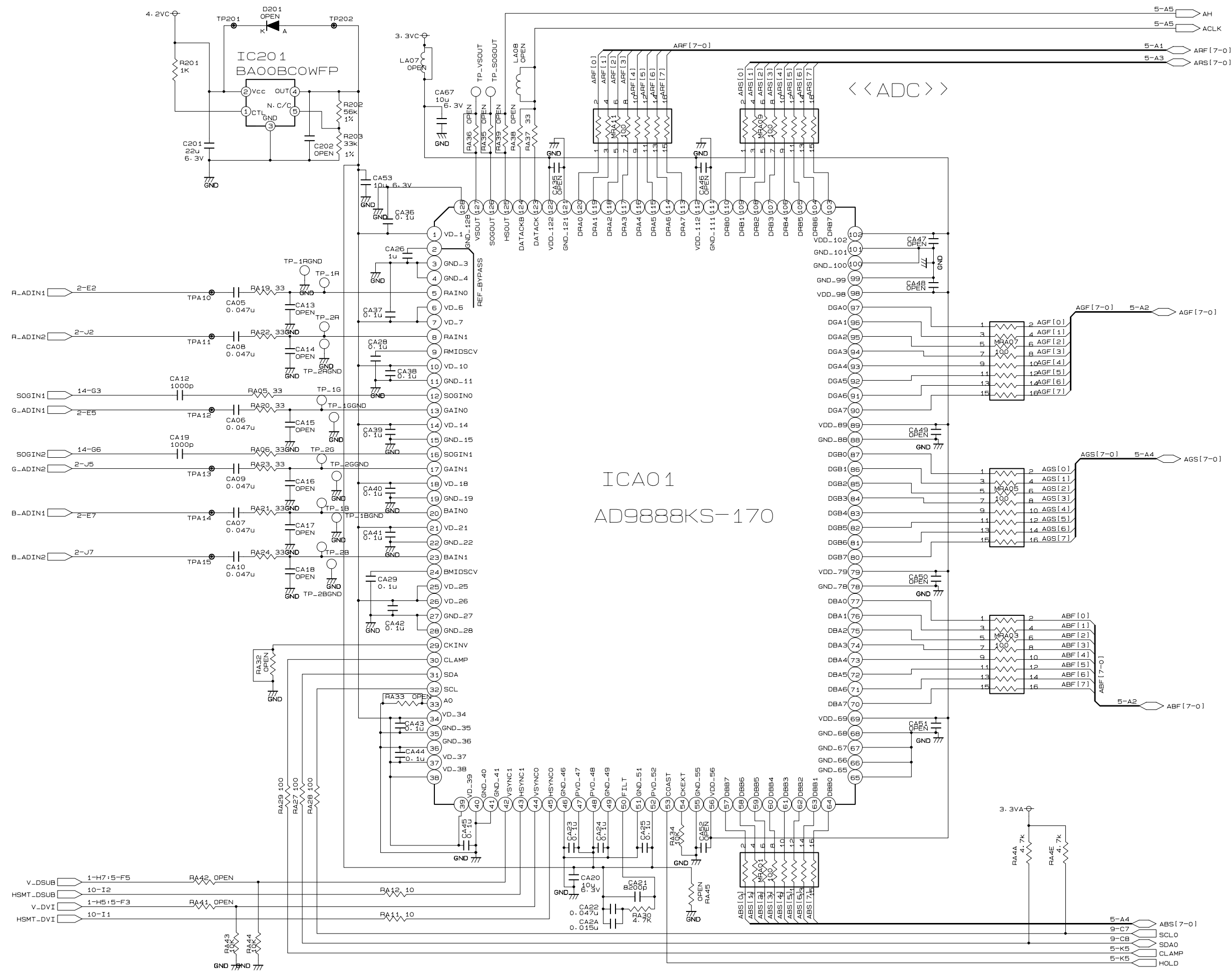
SCHEMATIC DIAGRAM LCD2080UX MAIN PWB (1/14)



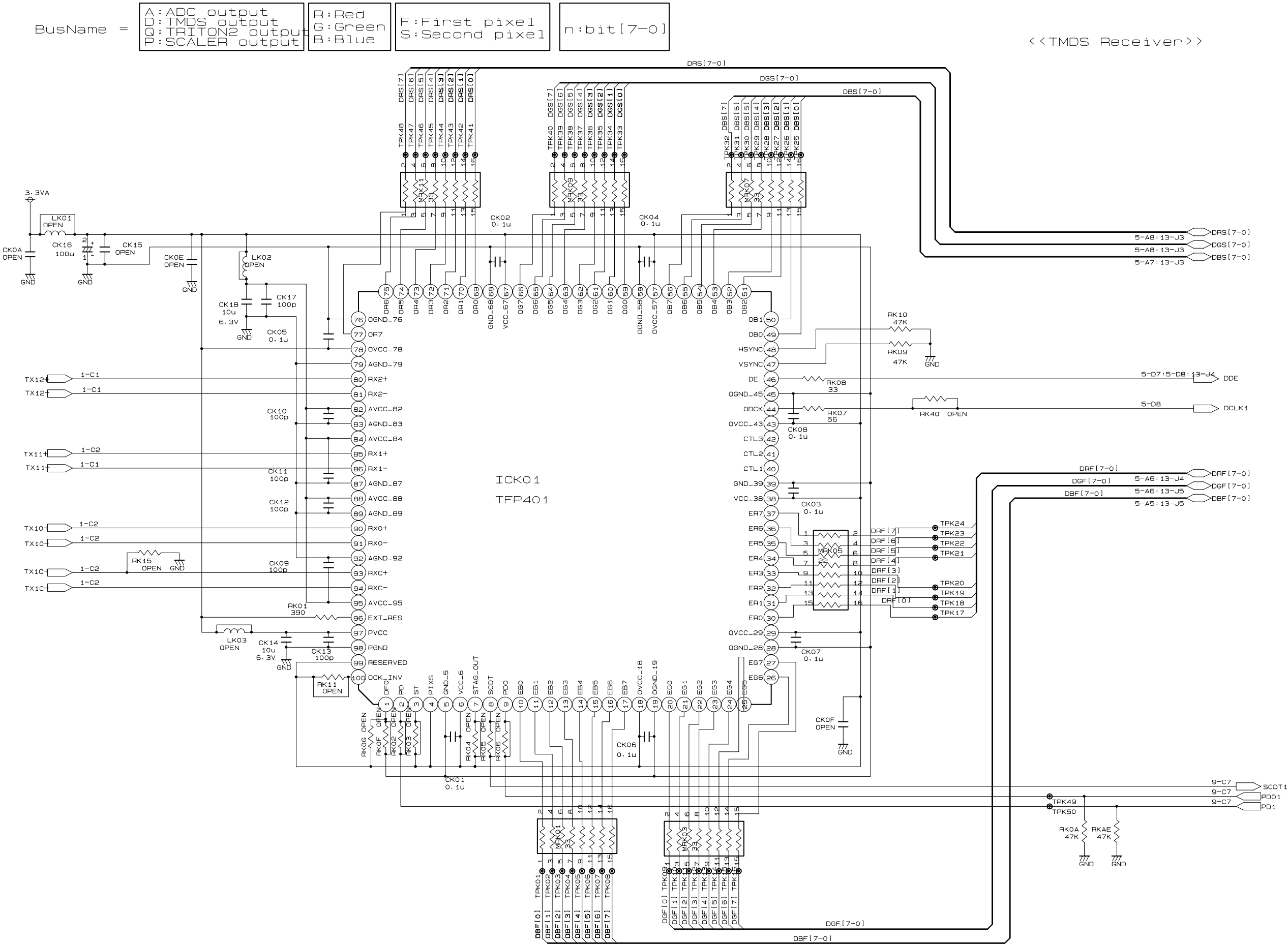
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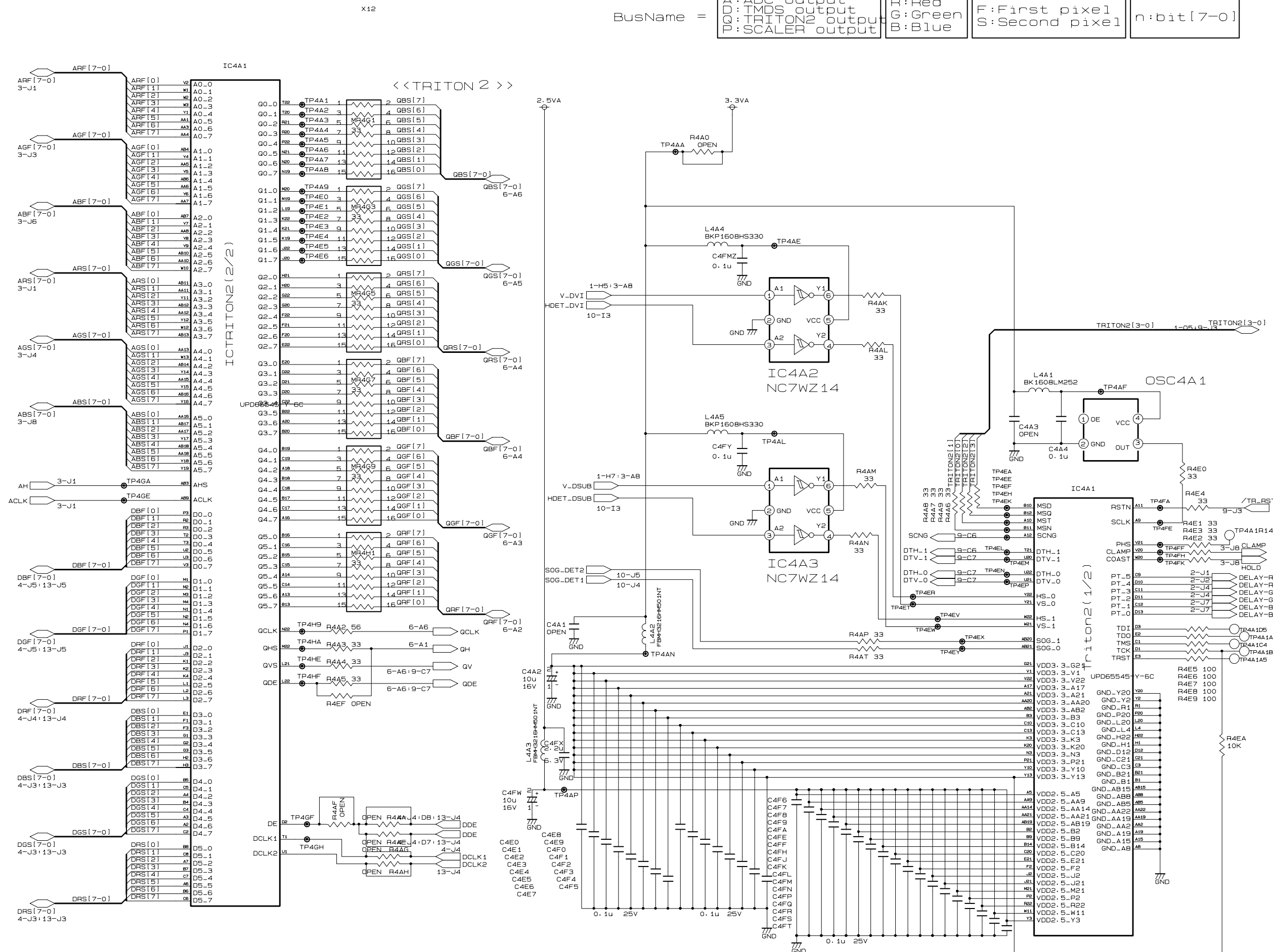
SCHEMATIC DIAGRAM LCD2080UX MAIN PWB (3/14)



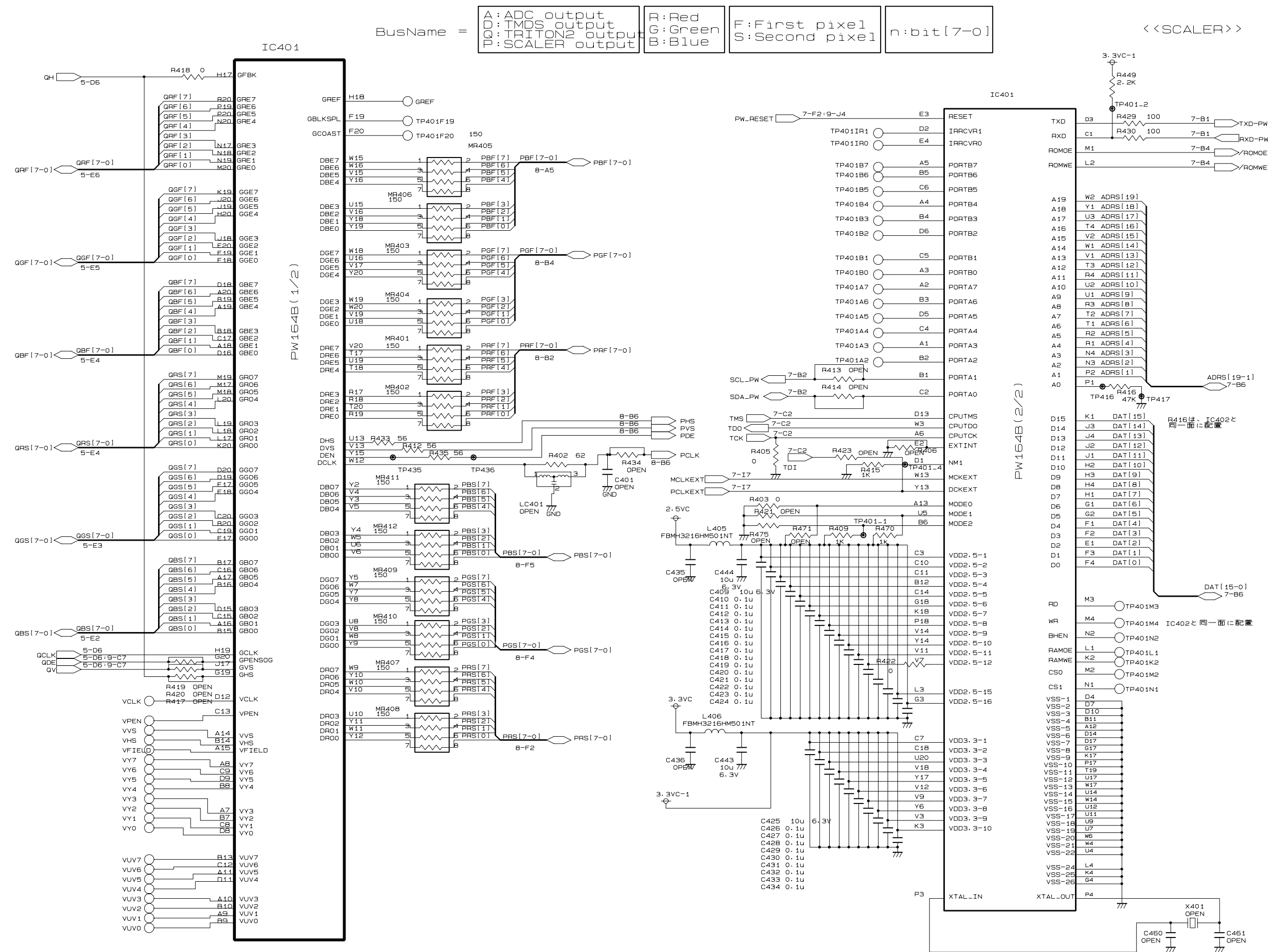
SCHEMATIC DIAGRAM LCD2080UX MAIN PWB (4/14)



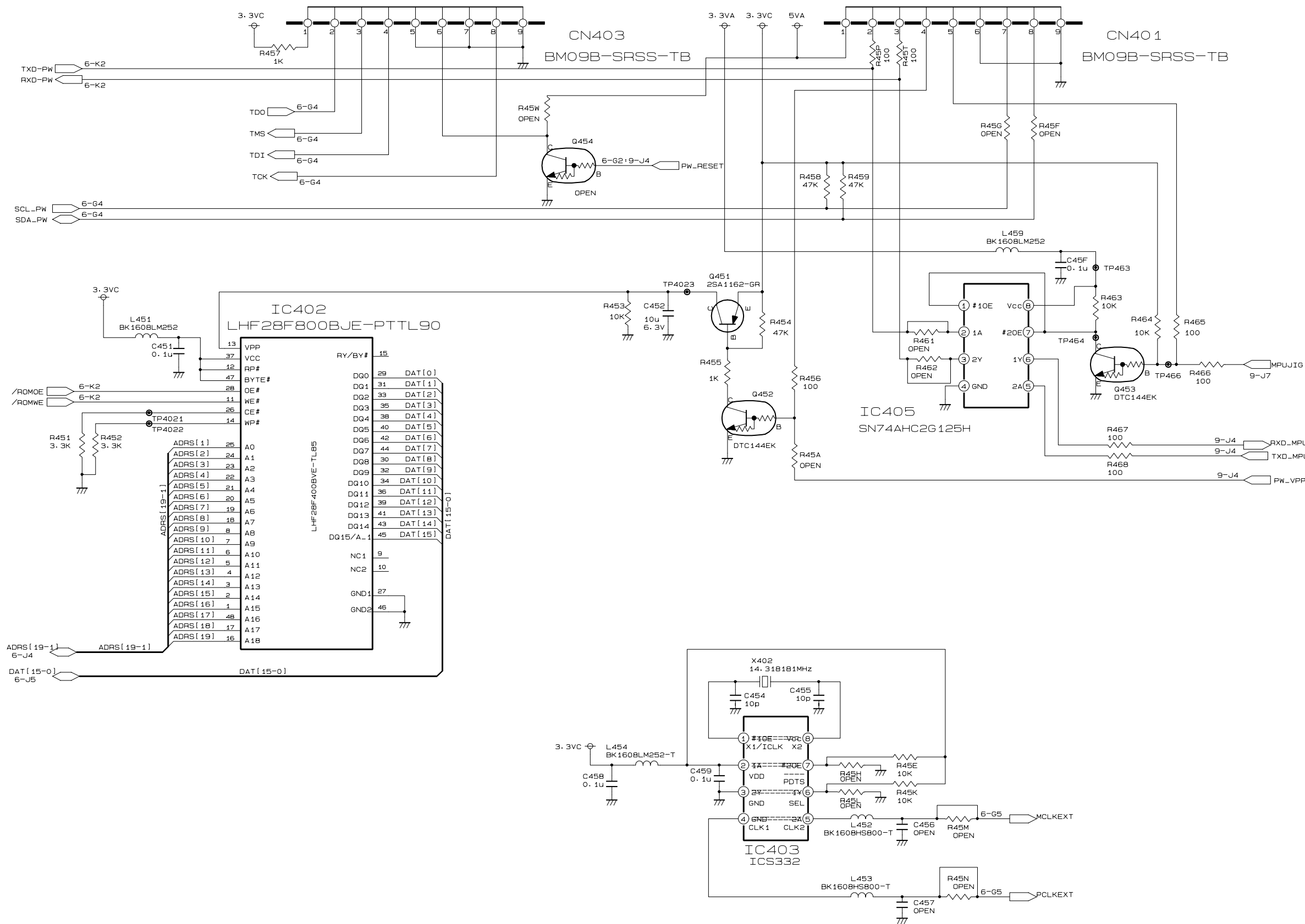
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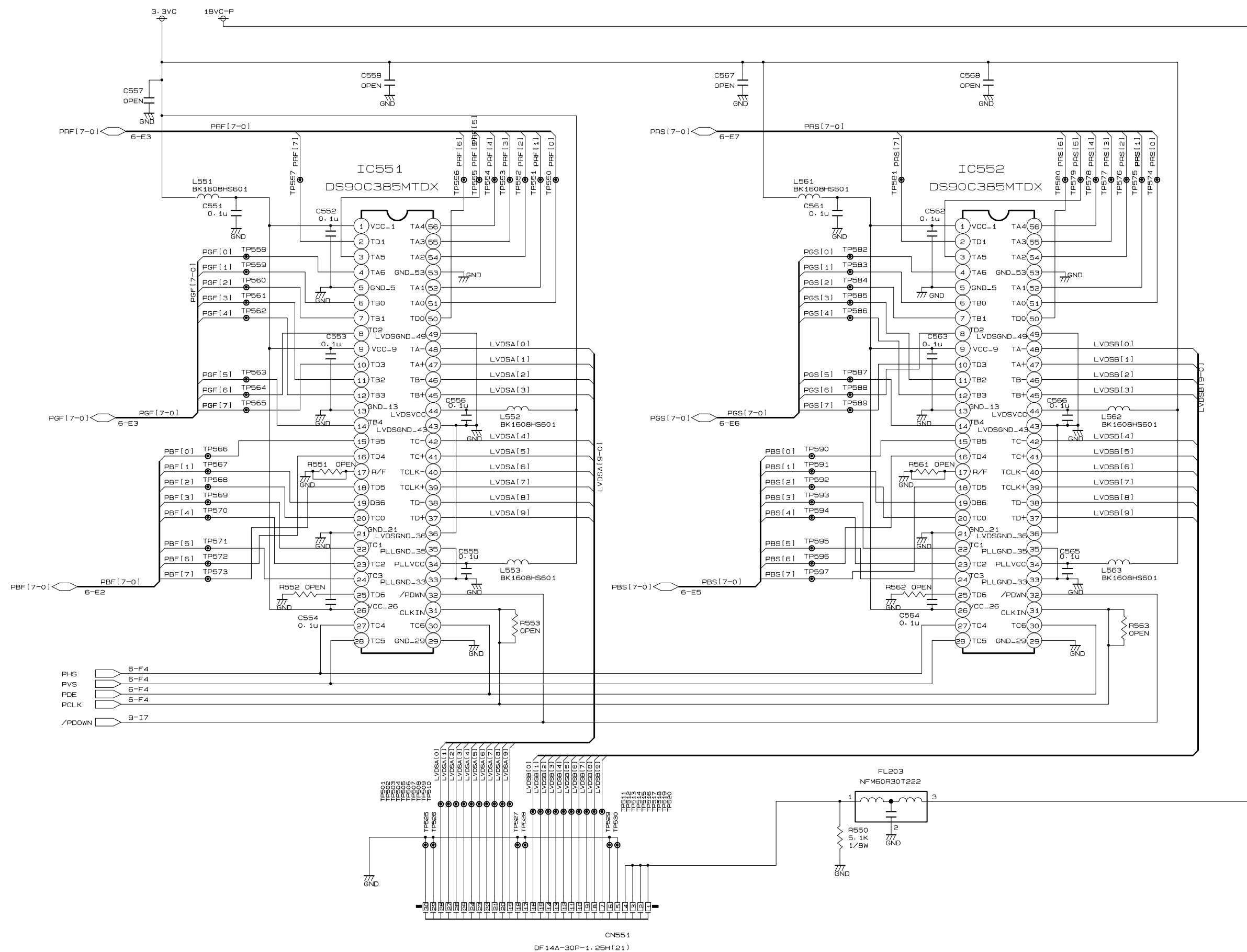
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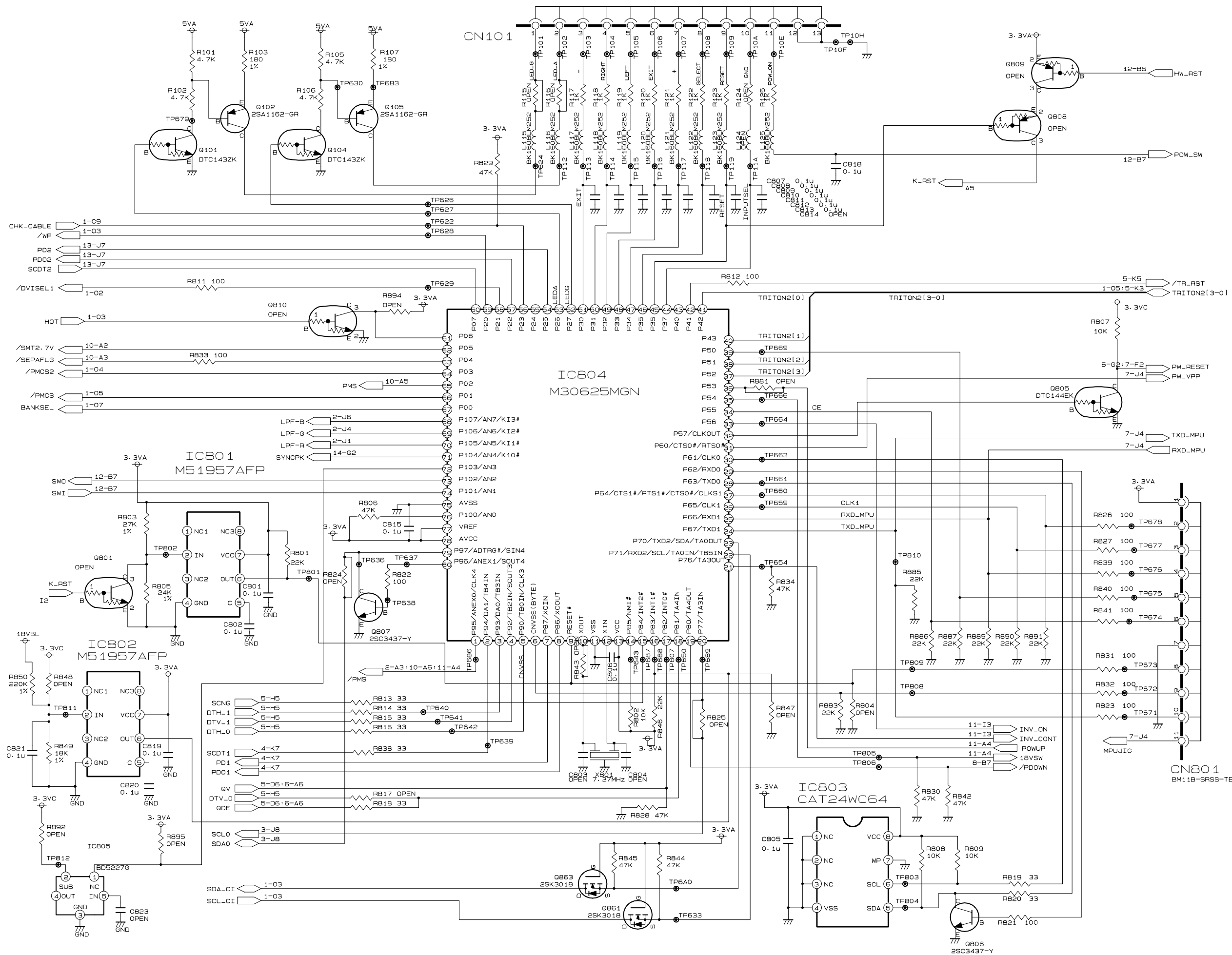
SCHEMATIC DIAGRAM LCD2080UX MAIN PWB (7/14)



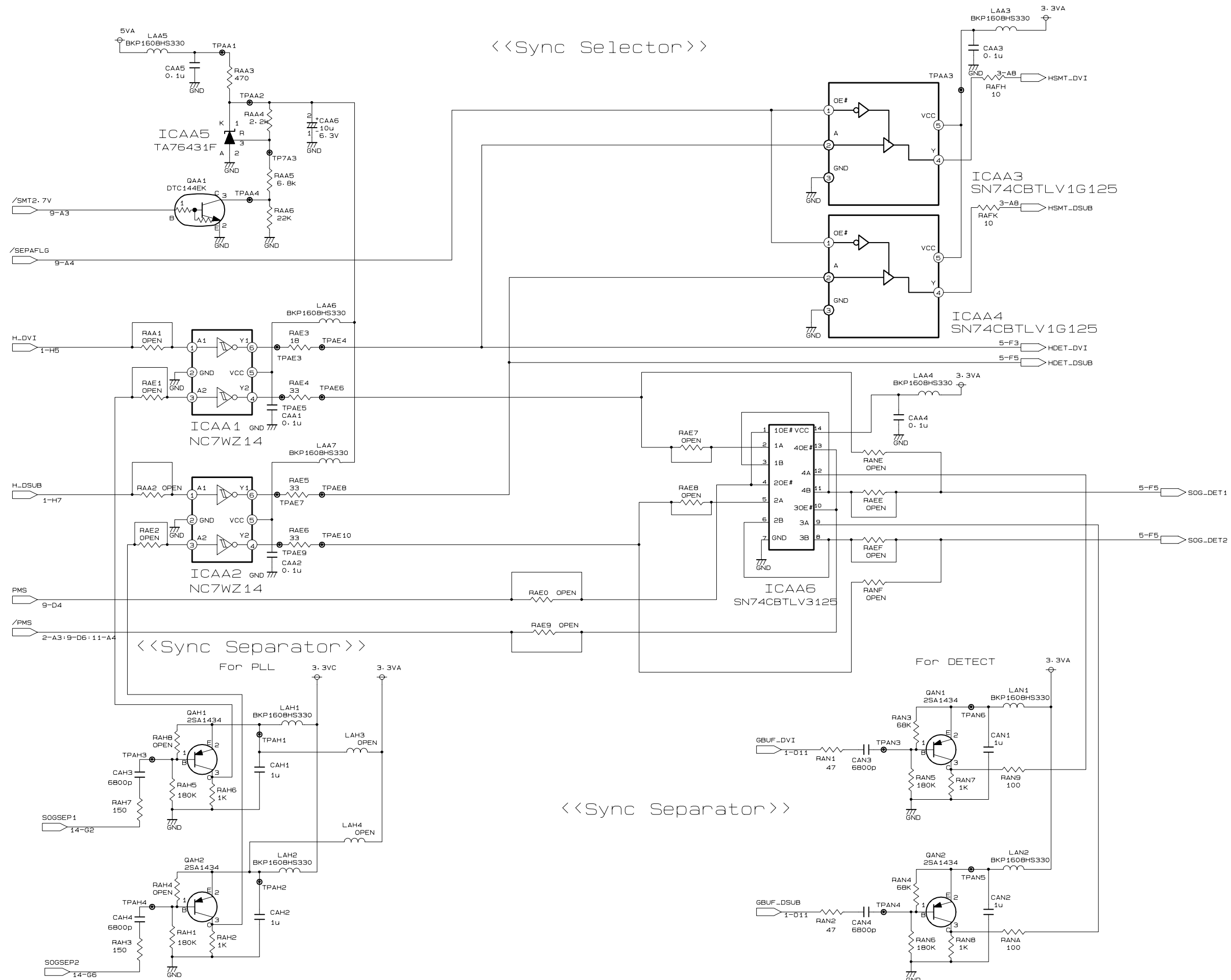
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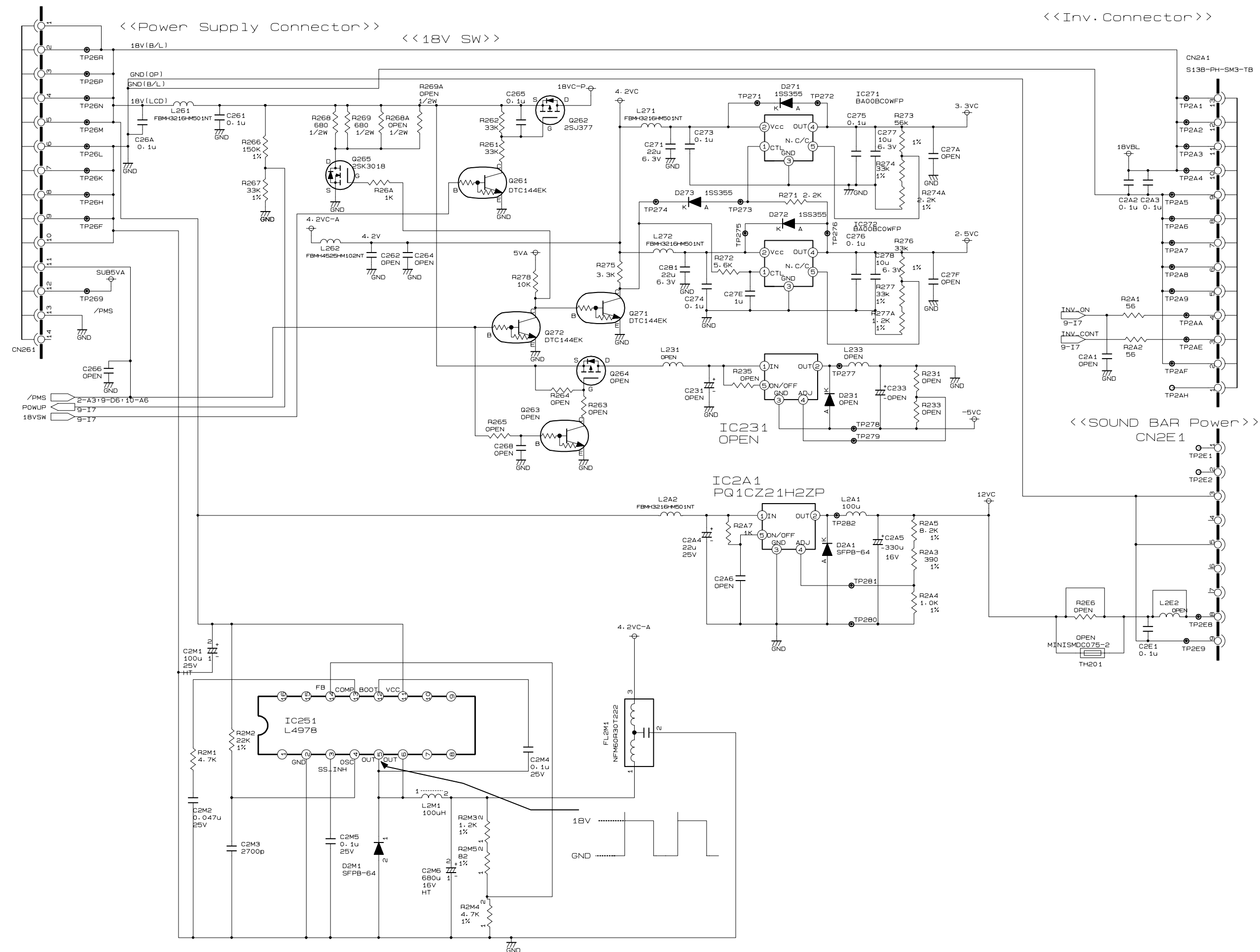
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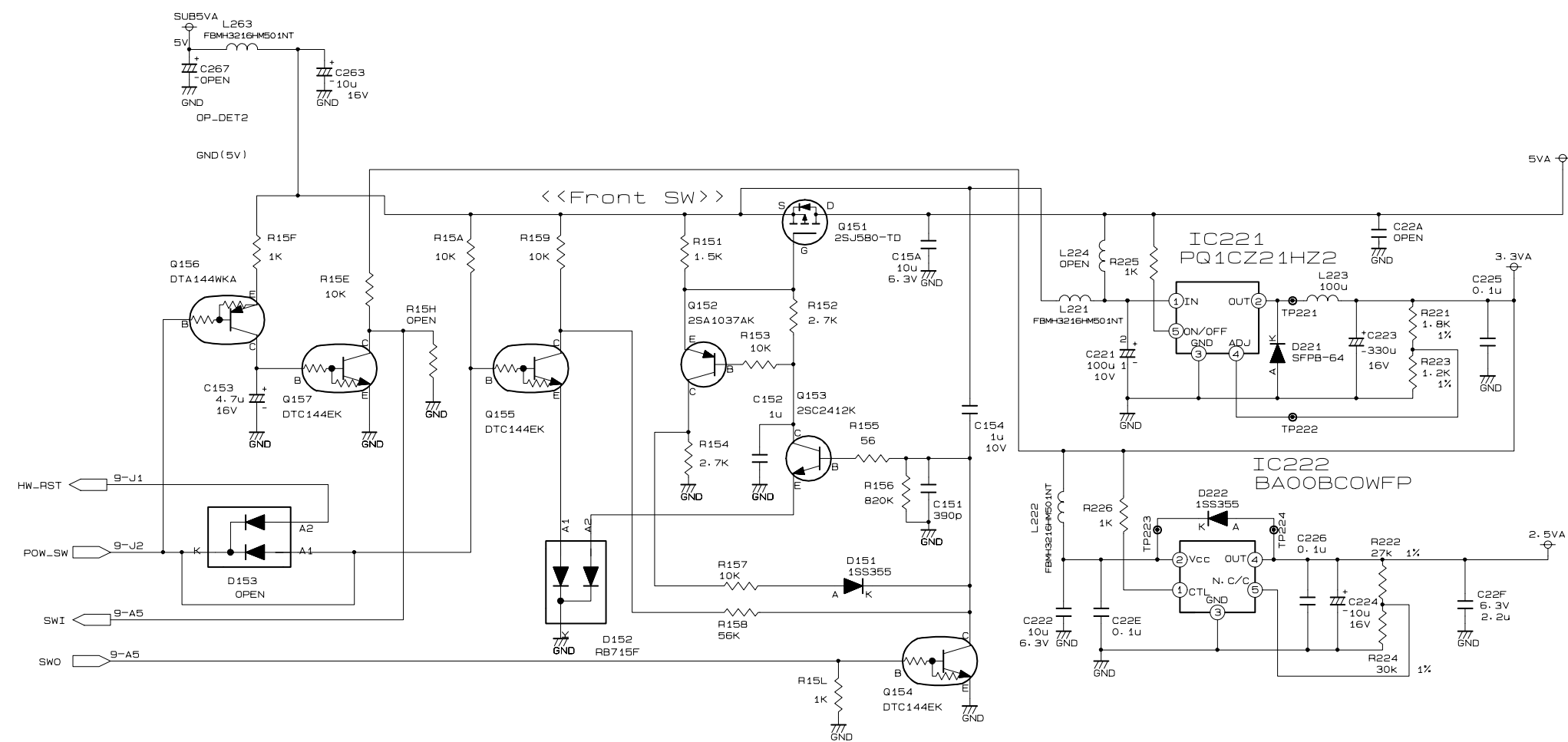
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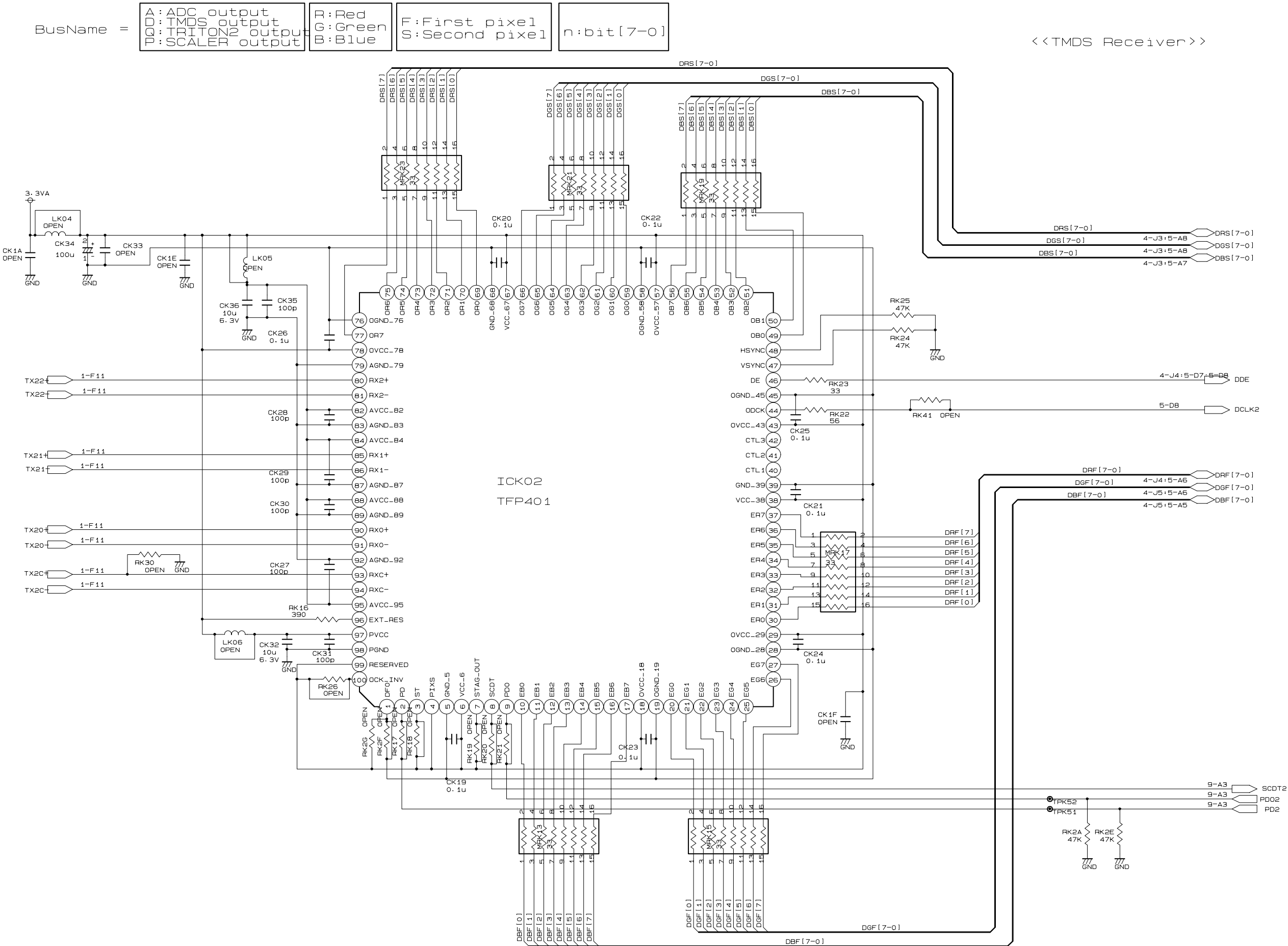
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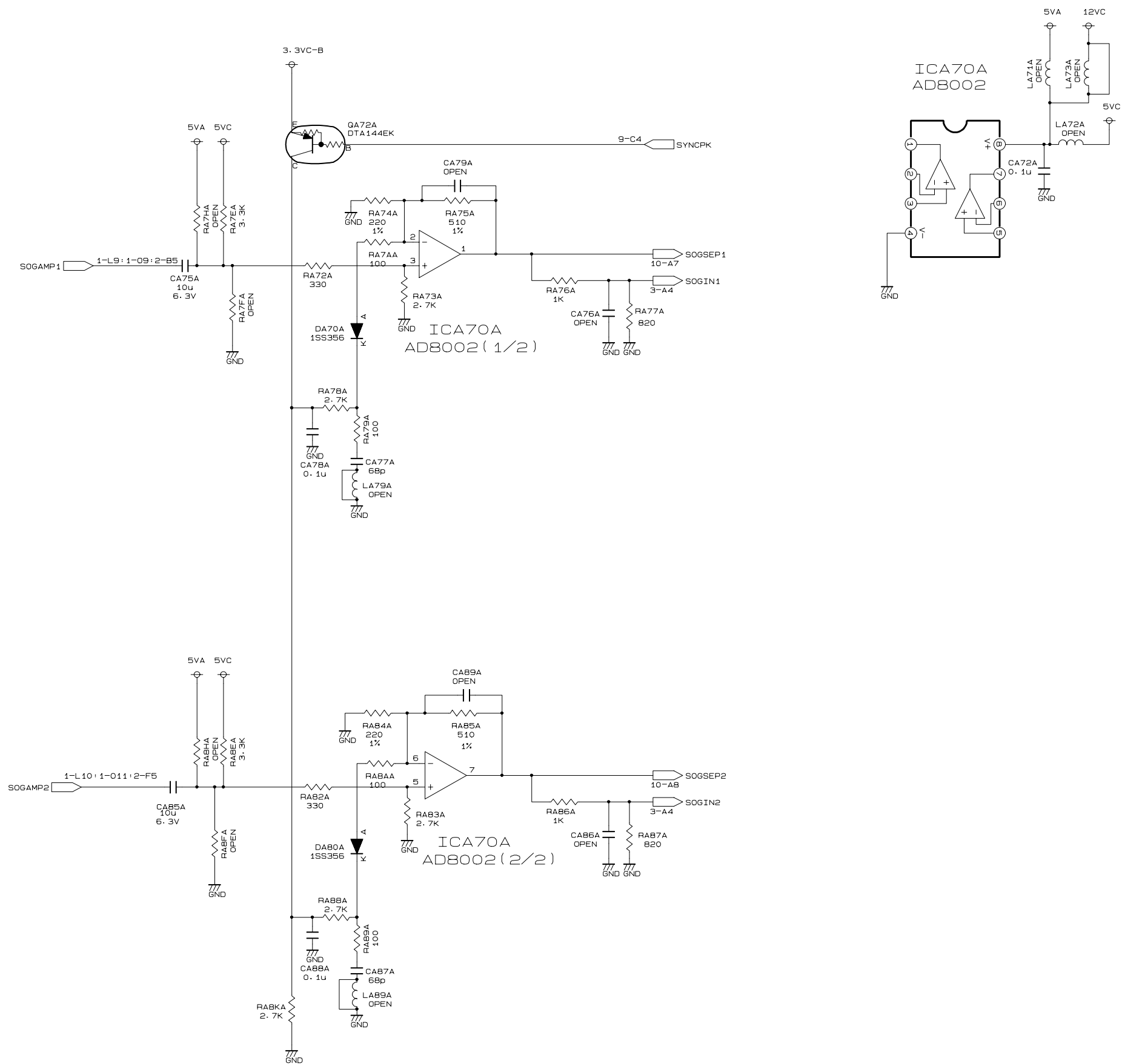
SCHEMATIC DIAGRAM LCD2080UX MAIN PWB (12/14)



SCHEMATIC DIAGRAM LCD2080UX MAIN PWB (13/14)



SCHEMATIC DIAGRAM LCD2080UX MAIN PWB (14/14)

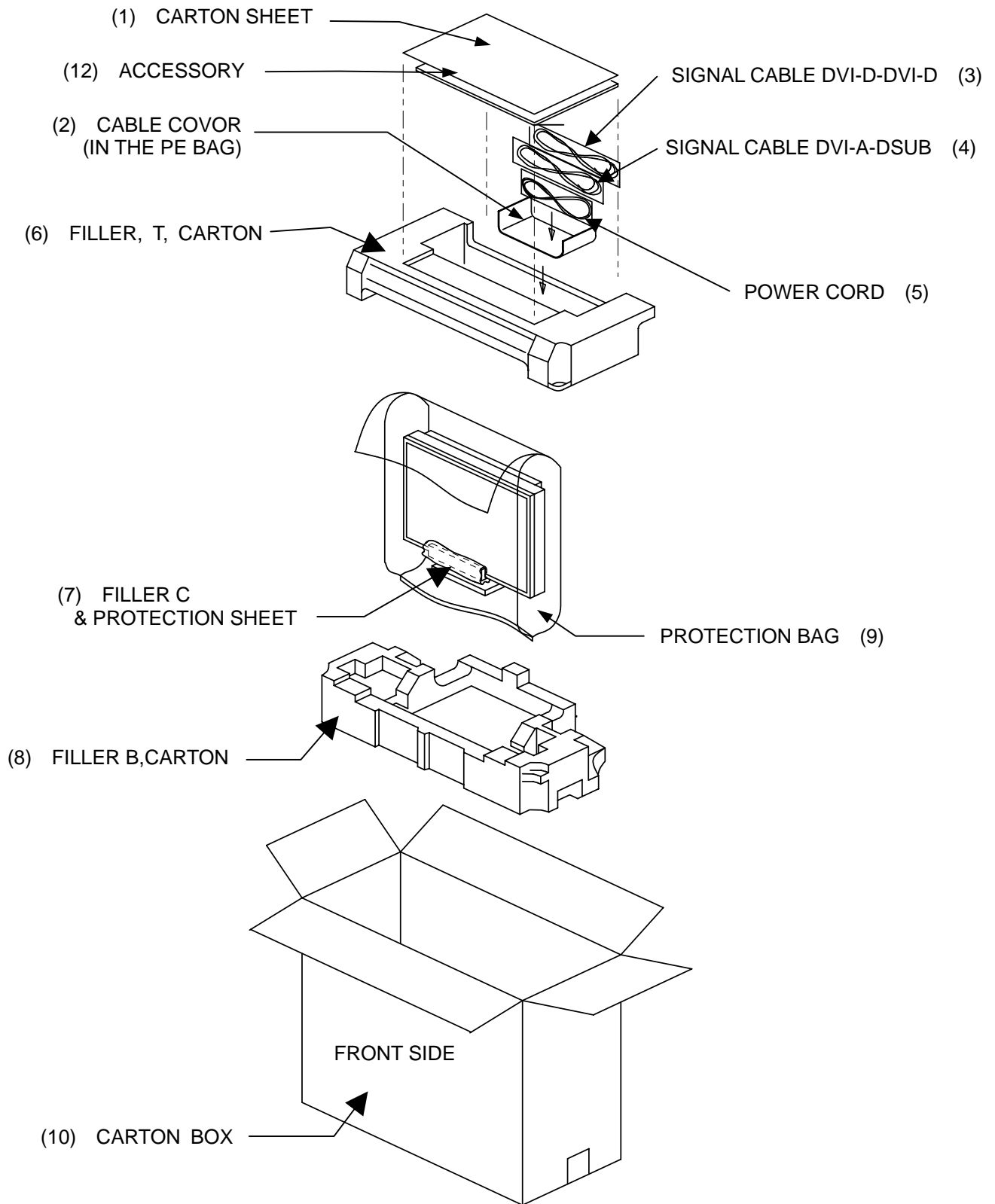


L202EV POWER PWB SCHEMATIC DIAGRAM

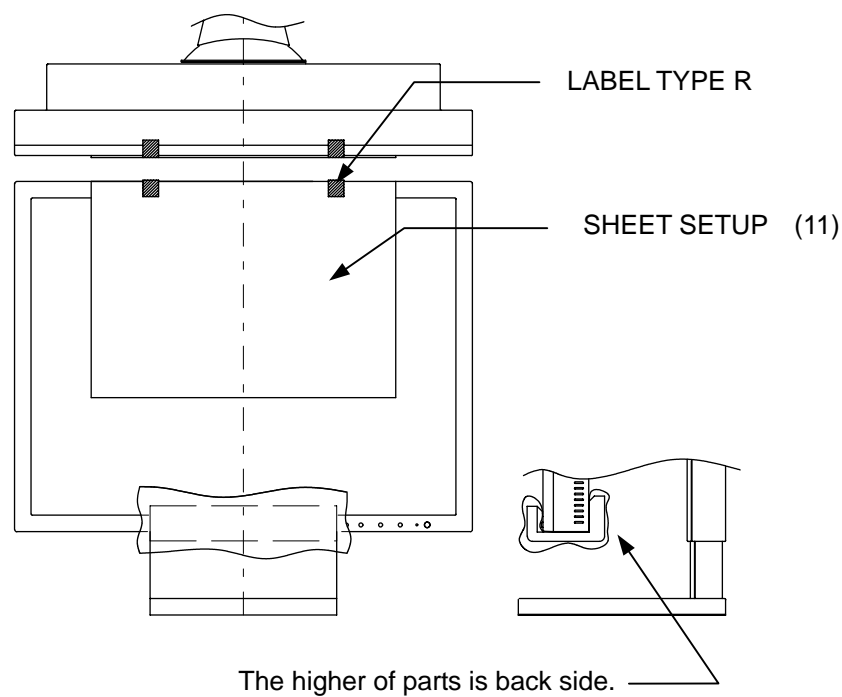


Packing Specification

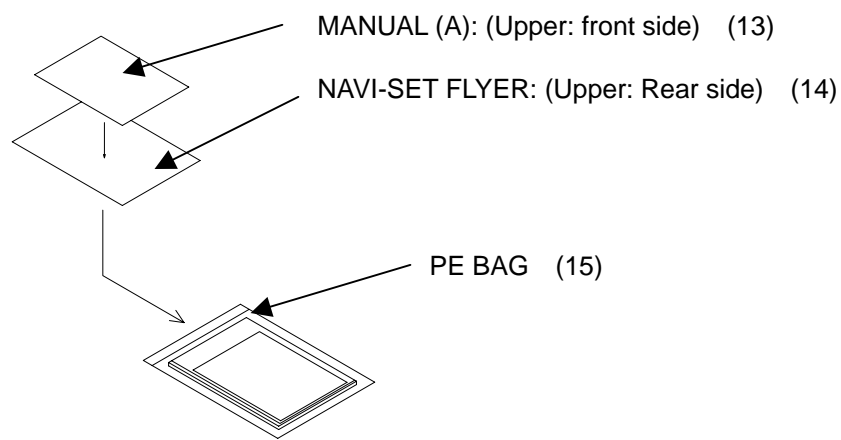
1. A Version



PACKING DETAIL



ACCESORY PACKING METHOD



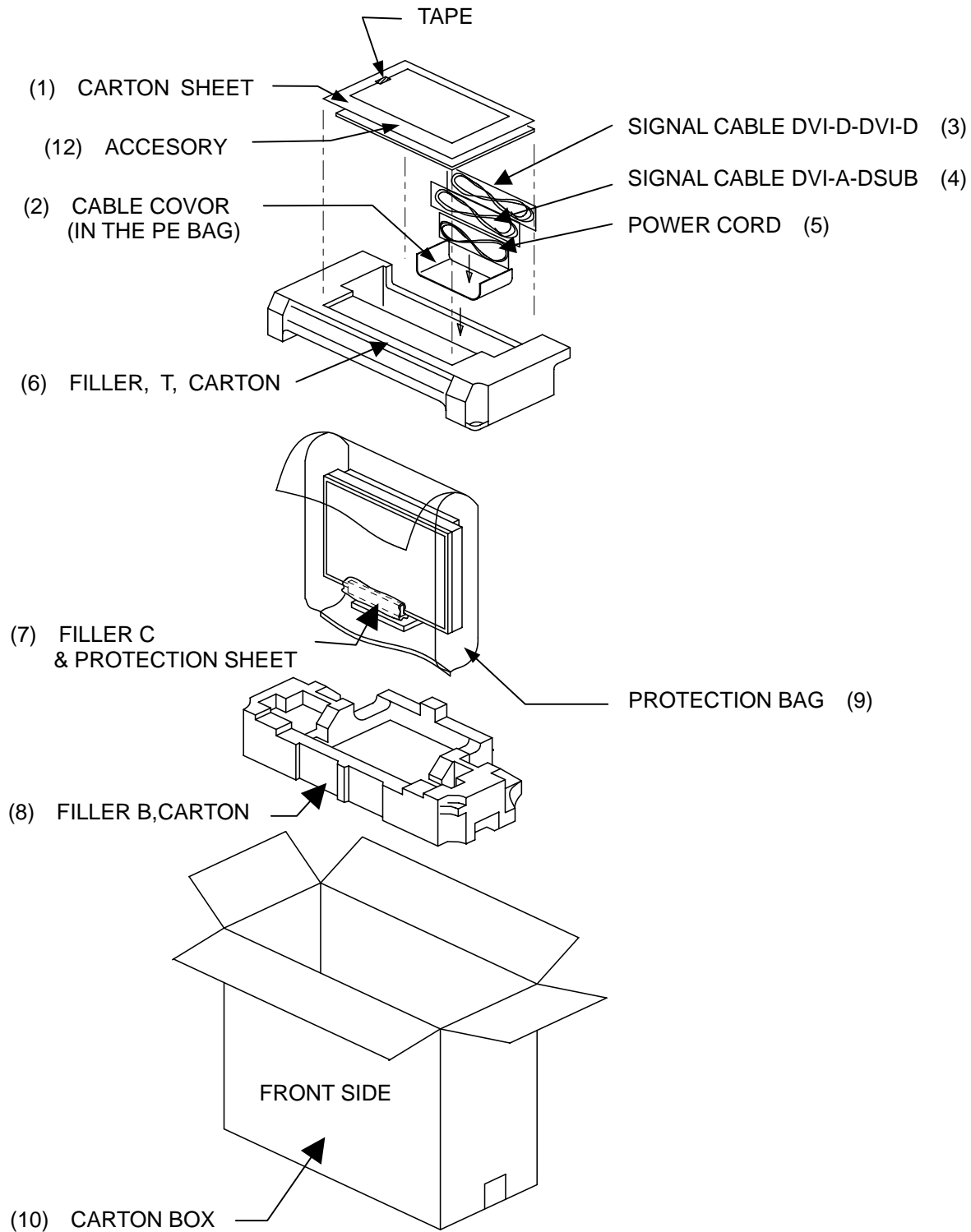
Manufactured by NMV

ITEM	DESCRIPTION	Part No for NMV	Cabinet Color
(1)	CARTON SHEET,L202EV	25841311	---
(2)	COVER CABLE,L202EV-W	25435671	White
(2)	COVER CABLE,L202EV-BK	25435801	Black
(3)	CABLE DVI HG 2.0M	7A391014	White
(3)	DVI_D-DVI_D CABLE 2.0M BK	7A391005	Black
(4)	DVI_A-VGA CABLE 2.0M HG	7A391010	White
(4)	DVI_A-VGA CABLE 2.0M BK	7A391011	Black
(5)	POWER CORD U3 L2.0 HG	7A081006	White
(5)	POWER CORD U3 L2.0 BK	7A081007	Black
(6)	FILLER T,L202EV	25841201	---
(7)	FILLER C,L202EV	25841501	---
(7)	PROTECTION SHEET	25841511	---
(8)	FILLER B,L202EV	25841211	---
(9)	PACKING BAG	25841481	---
(10)	CARTON BOX,L202EV-WH(A)-N	25841191	White
(10)	CARTON BOX,L202EV-BK(A)-N	25841231	Black
(11)	SHEET SETUP,L202EV(A)	7A861751	---
(12)	ACCESSORY LCD2080UX(A)	7A813151	---

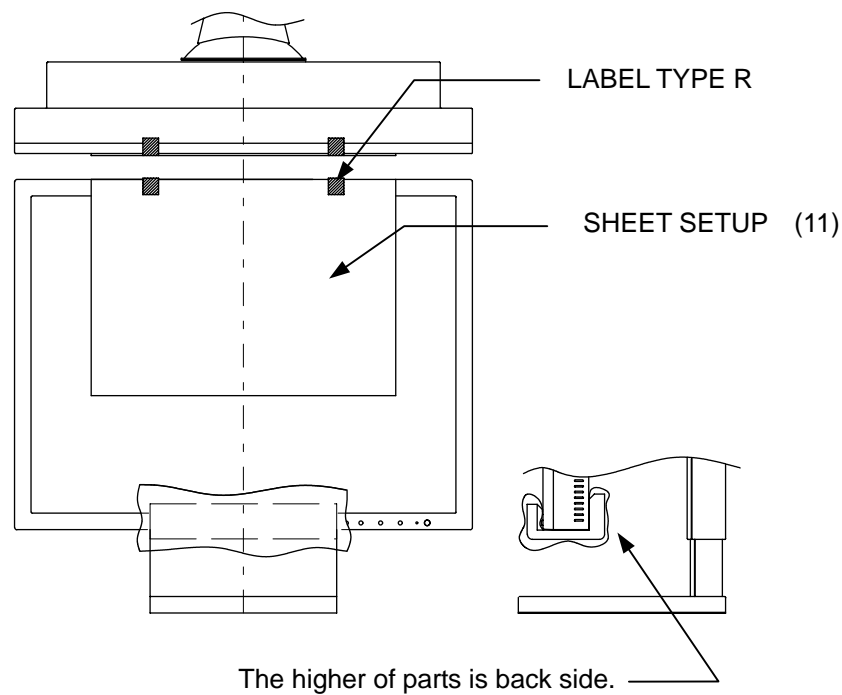
Manufactured by NPG

ITEM	DESCRIPTION	Part No for NPG	Part No for NMV	Cabinet Color
(1)	CARTON SHEET,L202EV	13203011	79PQ6084	---
(2)	COVER CABLE,L202EV(WH)	11002231	79PQ6081	White
(2)	COVER CABLE,L202EV(BK)	11002241	79PQ6082	Black
(3)	CABLE VI DVI-D-DVI-D 2M HG	RE010201	79PQ6290	White
(3)	CABLE VI DVI-D-DVI-D 2M BK	RE010221	79PQ6292	Black
(4)	CABLE VI DVI-A-DSUB 2M HG	RE010211	79PQ6291	White
(4)	CABLE VI DVI-A-DSUB 2M BK	RE010231	79PQ6293	Black
(5)	PW CORD NA 2.0M HG I-SHEN	RG021071	79PQ6295	White
(5)	PW CORD NA 2.0M BLK I-SHE	RG021081	79PQ6296	Black
(6)	FILLER T,L202EV	13401261	79PQ6085	---
(7)	FILLER C,L202EV	13401281	79PQ6087	---
(7)	PROTECTION SHEET	13700531	79PQ6052	---
(8)	FILLER B,L202EV	13401271	79PQ6086	---
(9)	PACHING BAG(BK)	13700521	79PQ6089	---
(10)	CARTON BOX,L202EV(WHA)	13202961	79PQ6066	White
(10)	CARTON BOX,L202EV(BKA)	13202971	79PQ6067	Black
(11)	SHEET SETUP,L202EV(A)	15800551	79PQ6095	---
(13)	MANUAL,L202EV(A)	15501831	79PQ6090	---
(14)	NAVISET CARTON BOX FLYER	15900251	79PQ2790	---
(15)	PE BAG	13700251	79PQ5129	---

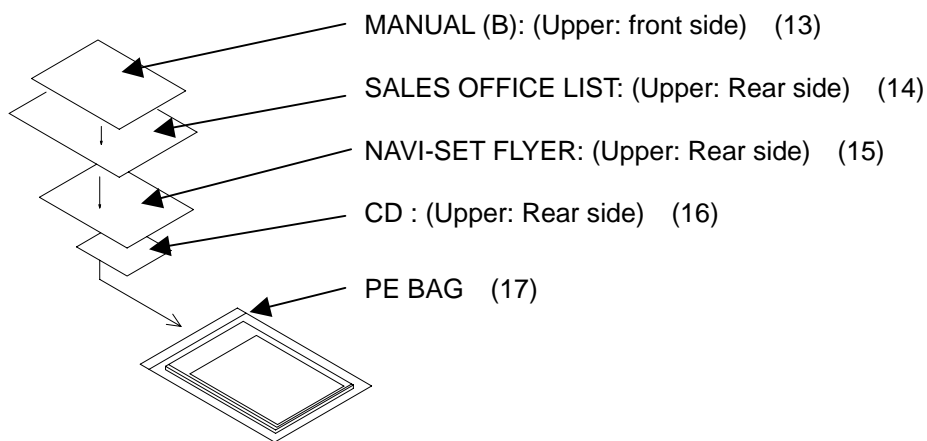
2. B Version



PACKING DETAIL



ACCESORY PACKING METHOD



Manufactured by NMV

ITEM	DESCRIPTION	Part No for NMV	Cabinet Color
(1)	CARTON SHEET,L202EV	25841311	---
(2)	COVER CABLE,L202EV-W	25435671	White
(2)	COVER CABLE,L202EV-BK	25435801	Black
(3)	CABLE DVI HG 2.0M	7A391014	White
(3)	DVI_D-DVI_D CABLE 2.0M BK	7A391005	Black
(4)	DVI_A-VGA CABLE 2.0M HG	7A391010	White
(4)	DVI_A-VGA CABLE 2.0M BK	7A391011	Black
(5)	POWER CORD E3 L1.95 HG	7A082004	White
(5)	POWER CORD E3 L1.95 BK	7A082005	Black
(6)	FILLER T,L202EV	25841201	---
(7)	FILLER C,L202EV	25841501	---
(7)	PROTECTION SHEET	25841511	---
(8)	FILLER B,L202EV	25841211	---
(9)	PACKING BAG	25841481	---
(10)	CARTON BOX,L202EV-WH(B)-N	25841241	White
(10)	CARTON BOX,L202EV-WH(B)-N	25841241	Black
(11)	SHEET SETUP,L202EV(B)	7A861761	---
(12)	ACCESSORY LCD2080UX(B)	7A813161	---

Manufactured by NPG

ITEM	DESCRIPTION	Part No for NPG	Part No for NMV	Cabinet Color
(1)	CARTON SHEET,L202EV	13203011	79PQ6084	---
(2)	COVER CABLE,L202EV(WH)	11002231	79PQ6081	White
(2)	COVER CABLE,L202EV(BK)	11002241	79PQ6082	Black
(3)	CABLE VI DVI-D-DVI-D 2M HG	RE010201	79PQ6290	White
(3)	CABLE VI DVI-D-DVI-D 2M BK	RE010221	79PQ6292	Black
(4)	CABLE VI DVI-A-DSUB 2M HG	RE010211	79PQ6291	White
(4)	CABLE VI DVI-A-DSUB 2M BK	RE010231	79PQ6293	Black
(5)	PW CORD EU 1.95M HG I-SHE	RG031091	79PQ6298	White
(5)	PW CORD EU 1.95M BLK I-SH	RG031081	79PQ6297	Black
(6)	FILLER T,L202EV	13401261	79PQ6085	---
(7)	FILLER C,L202EV	13401281	79PQ6087	---
(7)	PROTECTION SHEET	13700531	79PQ6052	---
(8)	FILLER B,L202EV	13401271	79PQ6086	---
(9)	PACKING BAG(BK)	13700521	79PQ6089	---
(10)	CARTON BOX,L202EV(B)	13202981	79PQ6068	---
(11)	SHEET SETUP,L202EV(B)	15800561	79PQ6096	---
(13)	MANUAL,L202EV(B)	15501841	79PQ6092	---
(14)	SALES OFFICE LIST	15900056	79PQ5832	---
(15)	NAVISET CARTON BOX FLYER	15900251	79PQ2790	---
(16)	CD,NEC(A,B)	19700392	79PQ6100	---
(17)	PE BAG	13700251	79PQ5129	---