

Digital Television

Basic Service Data



Technical Publications

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SAFETY NOTICE

USE ISOLATION TRANSFORMER WHEN SERVICING

Components having special safety characteristics are identified by a (⚠) on schematics and on the parts list in this Service Data and its bulletins. Before servicing this instrument, it is important that the service technician read and follow the "Safety Precautions" in the Basic Service Data.

SAFETY PRECAUTIONS

DO NOT OPERATE THIS INSTRUMENT OR PERMIT IT TO BE OPERATED WITHOUT ALL PROTECTIVE DEVICES INSTALLED AND FUNCTIONING. SERVICERS WHO DEFEAT SAFETY FEATURES OR FAIL TO PERFORM SAFETY CHECKS MAY BE LIABLE FOR ANY RESULTING DAMAGE, AND MAY EXPOSE THEMSELVES AND OTHERS TO POSSIBLE INJURY.

READ AND COMPLY WITH ALL CAUTION AND SAFETY-RELATED NOTES ON OR INSIDE THE RECEIVER CABINET, AND THE RECEIVER CHASSIS, OR ON THE PICTURE TUBE.

SAFETY GLASSES SHOULD BE USED WHEN SERVICING ELECTRONIC INSTRUMENTS. INADVERTENTLY OVERSTRESSING COMPONENTS MAY CAUSE THEM TO SHATTER, DISCHARGING SMALL PARTICLES.

DESIGN ALTERATION WARNING - Do not alter or add to the mechanical or electrical design of this TV receiver. Design alterations and additions may alter the safety characteristics of this receiver and create a hazard to the user. Design alterations or additions may void the manufacturer's warranty and may make you, the servicer, responsible for personal injury or property damage resulting therefrom.

BEFORE RETURNING AN INSTRUMENT TO THE CUSTOMER, always make a safety check of the entire instrument, including, but not limited to, the following items:

FIRE AND SHOCK HAZARD

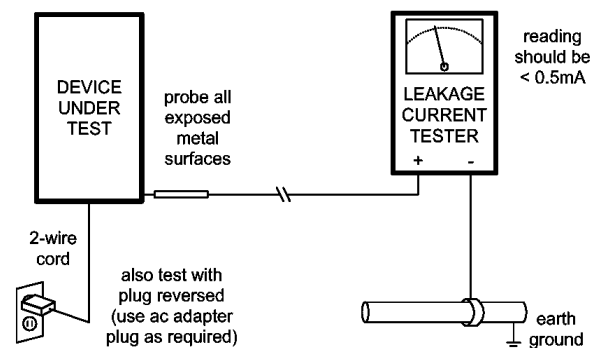
1. Never release a repaired unit unless all protective devices such as insulators, barriers, covers, strain reliefs and other protective hardware have been installed in accordance with the original design.
2. Be sure that there are no cabinet openings through which an adult or a child might be able to insert their fingers and contact a hazardous voltage. Such openings include, but are not limited to: (a) spacing between picture tube and cabinet mask, (b) excessively wide cabinet ventilation slots, and (c) an improperly fitted or incorrectly secured back cover.
3. Observe original lead dress. Take care to restore leads to their original dress. Make sure that leads are not in contact with sharp edges or thermally hot parts. Always inspect in all areas for pinched, out-of-place or frayed wiring. Do not change spacing between adjacent components, or between components and printed circuit board. Check the AC power cord for damage.
4. Be certain to remove loose solder balls and all other loose foreign particles.
5. Check components, parts and/or wiring for physical evidence of damage, overheating or deterioration, and replace if necessary. Determine the cause of damage and/or overheating and, if necessary, take corrective action to remove any potential safety hazard.
6. Parts Replacement - Many TV electrical and mechanical parts have special safety-related characteristics, some of which are often not evident from visual inspection, and the protection they give cannot necessarily be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified in this service data by a (⚠) on schematics and in the parts list. Use of a substitute replacement that does not have the same safety characteristics as the recommended replacement part in the service data parts list may create shock, fire and/or other hazards. Always consult the appropriate current service literature for the latest information.
7. Some TV receiver chassis' normally have 85VAC (RMS) between chassis and earth ground, regardless of the AC plug polarity. Some TV receiver chassis' are electrically connected directly to one conductor of the AC power cord. Some TV receiver chassis' have a secondary ground system in addition to the main chassis ground. This secondary ground system is not isolated from the AC power line. The two ground systems are electrically separated by insulating material that must not be defeated or altered. Thus, when servicing any unit always use a separate isolation transformer for the chassis. Failure to use a separate isolation transformer may expose the servicer to possible shock hazard, and may cause damage to servicing instruments.
8. Many electronic products use a polarized AC line cord (one wide pin on the plug). Defeating this safety feature may create a potential hazard to the servicer and the user. Extension cords that do not incorporate the polarizing feature should never be used.

PICTURE TUBE IMPLOSION WARNING - The picture tube in this receiver employs integral implosion protection. For continued implosion protection, replace the picture tube only with one of the same type number.

Do not remove, install, or otherwise handle the picture tube in any manner without first putting on shatterproof goggles equipped with side shields. People not so equipped must be kept safely away while picture tubes are handled. Keep the picture tube away from your body. Do not handle the picture tube by its neck. Some "in-line" picture tubes are equipped with a permanently attached deflection yoke; because of potential hazard, do not try to remove such "permanently attached" yokes from the picture tube.

X-RADIATION AND HIGH VOLTAGE LIMITS - Because the picture tube is the primary source of X-radiation in solid-state TV receivers, it is specially constructed to prohibit X-radiation emissions. For continued X-radiation protection, a replacement picture tube must be the same type as the original. The picture shields, mounting hardware and lenses (projection TV) may also perform an X-radiation protection function, and they must be correctly in place. Anode connectors contain an X-radiation shield - use only the manufacturer's specified anode connectors. High voltage must be measured each time servicing that involves power supply, horizontal deflection or high voltage circuits is performed. Correct operation of the X-radiation circuits must also be confirmed each time these circuits are serviced (X-radiation circuits may also be called "horizontal disable" or "hold-down" circuits). Read and apply high voltage limits and, if the chassis is so equipped, the X-radiation protection circuit specifications. These limits and specifications are given on instrument labels and are included in this service data. High voltage is maintained within specified limits by close-tolerance safety-related components (and adjustments) in the high voltage circuit. If high voltage exceeds specified limits, check each safety related component specified on the schematic and take corrective action.

ANTENNA LEAKAGE RESISTANCE CHECK - With the instrument AC plug removed from the AC source, connect an electrical jumper across the two AC plug prongs. Place the instrument AC switch (if applicable) in the "on" position. Connect one lead of an ohmmeter to the AC plug prongs and touch the other ohmmeter lead, in turn, to each (exposed) antenna input terminal screw and/or coaxial connector. If the measured resistance is less than 1.0 Megohm, or greater than 5.2 Megohm, an abnormality exists which must be corrected before the instrument is returned to the customer. Repeat this test with the AC switch in the "off" position.



LEAKAGE CURRENT HOT CHECK FOR 2-WIRE OR 3-WIRE GROUNDED CORD SETS - With the instrument completely reassembled, plug the AC line cord into the mains AC outlet at normal line voltage via a non-polarized adapter. **DO NOT GROUND THE 3RD PRONG OF THE ADAPTER AND DO NOT USE AN ISOLATION TRANSFORMER.** Use a leakage current tester or metering system that complies with American National Standards Institute (ANSI) *C101.1 Leakage Current for Appliances* and with Underwriters Laboratories (UL) *1492 (Section 67)*. With the instrument AC switch first in the "on" position and then in the "off" position, measure from a known earth ground (metal water pipe, conduit, etc.) to all exposed metal parts of the instrument (antennas, handle bracket, metal cabinet, screwheads, metallic overlays, control shafts, etc.). Any current measured must not exceed 0.5 milliampere. Reverse the adapter plug in the outlet and repeat the test. **ANY MEASUREMENTS NOT WITHIN THE LIMITS SPECIFIED HEREIN INDICATE A POTENTIAL SHOCK HAZARD THAT MUST BE ELIMINATED BEFORE RETURNING THE INSTRUMENT TO THE CUSTOMER OR BEFORE CONNECTING THE ANTENNA OR ACCESSORIES.** If a leakage current tester is not available, connect a 1.5 Kohm, 10 Watt resistor, in parallel with a 0.15 μ F, 150V capacitor, between earth ground and each exposed metal part of the instrument (as shown above). Use an AC voltmeter with at least 5000 ohm/volt sensitivity to measure the potential across the resistor. The potential measured for any exposed metal surface must not exceed 0.75 volts.

MODEL-TO-MAJOR ASSEMBLY CROSS REFERENCE

KEY TO MAJOR ASSEMBLIES

DM1 - DIGITAL MODULE

DMICR – DIGITAL MODULE

IO1 - IO BOARD (1543693G)

IO2 - IO BOARD (1552386A)

DMPS - DM1 POWER SUPPLY (1531671I)

KS1 - KINE DRIVER BOARD (1543693G)

KS2 - KINE DRIVER BOARD (1552387A)

DS1 - DEFLECTION SIP (1543697G)

DS2 - DEFLECTION SIP (1552391A)

PG1 - PARALLELOGRAM (1543695G)

PG2 - PARALLELOGRAM (1552389A)

FAV1 - FRONT AUDIO/VIDEO (1543694G)

FAV2 - FRONT AUDIO/VIDEO (1552387A)

PS1 - DEFLECTION/POWER SUPPLY (1543446D)

PS2 - DEFLECTION/POWER SUPPLY (1553100B)

FC1 - FRAME COMB (1543696G)

FC2 - FRAME COMB (1552390A)

2TUN - 2ND TUNER (15072700)

FP1 - FRONT PANEL ASSEMBLY (1547266C)

HVR - HVR CHOKE BOARD (1538855B)

CROSS REFERENCE

MODEL/ SERVICE NO.	CHASSIS	MAJOR ASSEMBLIES
F38310JX1	DTV306CB	DM1, DMPS, FAV1, FC1, FP1, HVR, IO1, KS1, PG1, PS1, 2TUN
F38310JX2	DTV306GC	DM1, DMPS, FAV2, FC2, FP1, IO2, KS2, PG2, PS2, 2TUN
F38310JX3	DTV306CB	DM1, DMPS, FAV1, FC1, FP1, HVR, IO1, KS1, PG1, PS1, 2TUN
F38310JX4	DTV306GC	DM1, DMPS, FAV2, FC2, FP1, IO2, KS2, PG2, PS2, 2TUN
F38310JX5	DTV306GCC	DMICR, DMPS, FAV2, FC2, FP1, IO2, KS2, PG2, PS2, 2TUN
PS34000JX1	DTV306CB	DM1, DMPS, FAV1, FC1, FP1, HVR, IO1, KS1, PG1, PS1, 2TUN
PS34000JX2	DTV306GC	DM1, DMPS, FAV2, FC2, FP1, IO2, KS2, PG2, PS2, 2TUN
PS38000JX1	DTV306CB	DM1, DMPS, FAV1, FC1, FP1, HVR, IO1, KS1, PG1, PS1, 2TUN
PS38000JX2	DTV306GC	DM1, DMPS, FAV2, FC2, FP1, IO2, KS2, PG2, PS2, 2TUN
PS38000JX3	DTV306CB	DM1, DMPS, FAV1, FC1, FP1, HVR, IO1, KS1, PG1, PS1, 2TUN
PS38000JX4	DTV306GC	DM1, DMPS, FAV2, FC2, FP1, IO2, KS2, PG2, PS2, 2TUN

Circuit Protection

Fusible Device	Circuit Protected	Physical Location
F14200 (FUSFASTACT 6.0 A, 125.0 V)	AC Input	Power Supply PCB, Left rear chassis
F14100 (FUSFASTACT 3.0 A 250.0 V)	AC Input	DM1 Power Supply PCB, Left front

COMPONENT NUMBERING SYSTEM

Serviceability of this chassis is enhanced by prominent road mapping on the top and bottom of the circuit boards. The component The component numbering system relates to general circuit areas as follows:

11300 Series - Audio Outputs	16300 Series - Frame Comb
11400 Series - Audio Input Switch	17100 Series - 2nd Tuner
11500 Series - Audio Compression	17300 Series - 2nd Tuner
11700 Series - SRS Audio	17400 Series - 2nd Tuner, PLL
11800 Series - Audio TVB	18100 Series - F2PIP
11900 Series - Audio Power Amps, AVR	18500 Series - Video I/O
13100 Series - System Control	22300 Series - Video Control
13200 Series - I/O Control	22400 Series - Digital Interface
13400 Series - User Controls (Front Panel Assembly)	24100 Series - Deflection SIP
14100 Series - Main Power Supply (Regulator)	24300 Series - Parallelogram
14200 Series - Raw B+	24500 Series - LNB Power Supply
14300 Series - Deflection SIP	24800 Series - Deflection SIP
14400 Series - S-Cap Switch	26100 Series - FAV
14500 Series - Vertical	27900 Series - 2nd Tuner IF
14600 Series - Standby Power Supply	32100 Series - 2nd Tuner IF Out
14700 Series - Horizontal, HV	38300 Series - Sync Processing
14800 Series - Scan	41100 Series - Fan Shutdown
15100 Series - Kine Drivers	41200 Series - Z-Coil Circuit
15200 Series - SVM	

SCHEMATIC NOTES

- Resistor values are in ohms (K = X1,000; Meg = X1,000,000). Tolerance is 5%, unless otherwise specified.
 [] indicates a flat (type 1206) surface-mounted device; 1/8 watt unless otherwise specified.
 /\ indicates a flat (type 0805) surface-mounted device; 1/10 watt unless otherwise specified.
 (no markings) indicates 1/4 watt, 5% tolerance axial-leaded device, unless otherwise specified.
- Capacitor values 1.0 and above are in picofarads; values less than 1.0 are in μ F, unless otherwise specified.
 •• indicates a cylindrical surface mounted device; 50 volt unless otherwise specified.
 [] indicates a flat (type 1206) surface-mounted device; 50 volt unless otherwise specified.
 /\ indicates a flat (type 0805) surface-mounted device; 50 volt unless otherwise specified.
 (no markings) indicates a radial- or axial-leaded device; 50 volt unless otherwise specified.
- DC voltages measured with NTSC color bar signal applied (via RF channel 3), except for audio voltages, which are measured with MTS stereo 1KHz signal applied. Voltages in parentheses () indicate standby mode.
- Waveforms measured with NTSC color bar signal applied (via RF channel 3), except for audio waveforms, which are measured with MTS stereo 1KHz signal applied.
- Special symbols:

<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">< ></div> <div>indicates schematic zone locator</div> </div> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">■</div> <div>indicates wire-wrap stake</div> </div> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">↪</div> <div>indicates jumper wire (top side)</div> </div> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">⏏</div> <div>indicates "hot" ground</div> </div>	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">⤴</div> <div>indicates service test point</div> </div> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">⊙</div> <div>indicates connection via point-to-point wire</div> </div> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">□—□</div> <div>indicates zero ohm chip (bottom side)</div> </div> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">⏚</div> <div>indicates "cold" ground</div> </div>
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DISASSEMBLY PROCEDURES

Back Cover Removal

The cabinet back cover is held in place with several 1/4" hex head screws. The number of (and placement of) screws varies with the cabinet design. Remove screws as necessary to release the cabinet back cover.

Speaker Grill Removal

1. Remove the back cover.
2. Remove three (3) 1/4" hex head screws, *number of screws may vary depending on model*, located on the back side of the speaker grill inside the instrument
3. Pull the speaker grill off the front of the instrument.

Front A/V Board Removal

1. Remove the back cover and speaker grill.
2. Disconnect the cable P26101.
3. Release the plastic tabs at the top and bottom of the assembly.
4. Push the A/V circuit board assembly straight out the front of the instrument cabinet.

Button (FPA) Removal

1. Turn the instrument off so that there is no High Voltage.
2. Remove the back cover.
3. Adjust FPA cable so that there are several inches of slack in the cable.
4. Locate the black plastic tab at the back of the FPA assembly and push down and forward to release the FPA assembly.
5. Push the assembly out the front of the cabinet to remove.
6. To remove the FPA circuit board, depress the 3 black tabs holding the PCB while lifting the back edge of the board.

DM1 Module Removal

1. Disconnect the AC from the Instrument.
2. Remove the back cover.
3. Remove the FPA and disconnect the FPA cable.
4. Remove the screw connecting the ground wire to the top of the DM1 case.
5. Remove the 2 screws at the back bottom of the DM1 holding it to the plastic tray. Lift the back of the DM1 module up and back to free from the plastic tray. This will give you enough room to manipulate the cables while removing them.
6. Remove the torx screw on the cable relief holding the shielded cables to the DM1 Power Supply and disconnect all three (3) cables.

7. Disconnect the four (4) shielded cables at the I/O board that run to the DM1. It is necessary to remove the cables from the cable ties and relief at the top of the I/O assembly. These cables also have wire ties attaching them to several other cables. These ties must also be cut to free these cables.
8. Disconnect the RF cable from the DM1 to the second tuner.
9. Move the DM1 to the side and remove the DM1 Fan located below the module by removing the three (3) screws. This will allow you the room to remove the fan cable relief and connector from the back of the DM1 module.

Chassis Assembly Removal

1. Remove the back cover.
2. Release the tab on the right side of the chassis and slide the chassis straight back.
3. Disconnect cables as necessary to service. Most of the cables can be left connected for servicing by releasing the wire ties and holders.

Back Panel Removal

1. Remove the back cover.
2. Remove the 1/4" hex head screws and three torx screws holding the back panel on.
3. Release two tabs (one on each side of the panel) and remove panel.

Bottom Panel Removal

1. Remove the 1/4" hex head screws holding the bottom panel on.
2. Release the six tabs.
3. Lift up on the back side (side nearest I/O circuit board) of the bottom panel first, then remove panel from hinges near the front of the instrument.

Parallelogram Circuit Board Removal

1. Twist two tabs to remove Parallelogram circuit board.

Tuner Circuit Board Removal

1. Twist the tabs and remove the tuner circuit board.

Second Tuner Circuit Board Removal

1. Twist the tabs to remove the Second Tuner circuit board.

Deflection/Power Supply (Main) Board Removal

1. Remove Chassis assembly.
2. Remove back and bottom panels.

DISASSEMBLY PROCEDURES

3. Disconnect ground wires from I/O board and Deflection/P/S board (near A/C connector).
4. Disconnect J14402.
5. Release wire ties and connectors as needed (depending on how far board needs to be moved from frame).

Side Fan Removal

1. Disconnect P41125.
2. Twist one tab on each side of the fan assembly.
3. Pull the top of the fan out first, then the rest of the assembly to remove.

Top Fan Removal (Fig 1)

1. Disconnect P41126.
2. Remove one screw.
3. Slide fan assembly in the direction shown and remove.

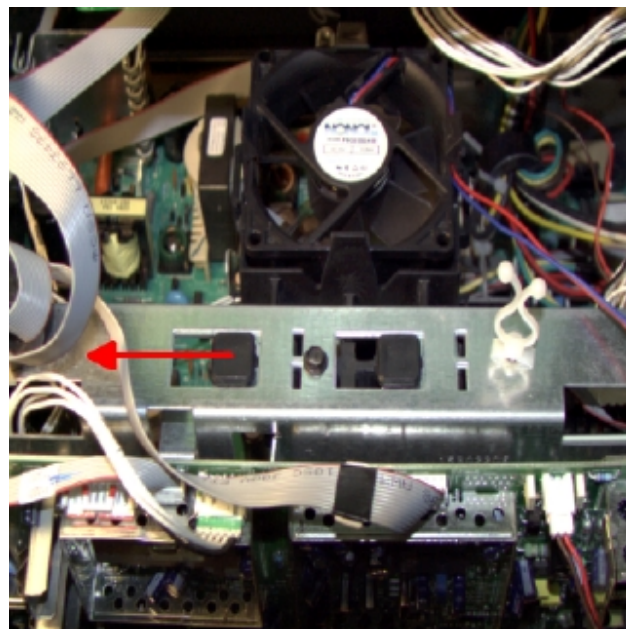


Fig. 1 - Top Fan Assembly Removal

CHIP COMPONENT REMOVAL

Replacement Procedure for Chip Removal

The following procedures are recommended for the replacement of the chip components used in this unit. Failure to follow these procedures may lead to damage to the copper traces and pads on the printed circuit boards.

1. Preparation for replacement

- Soldering Iron:** Use a pencil-type soldering iron using less than 30 watts.
- Solder Type:** Eutectic Solder, Tin 63%/Lead 37%, is recommended.
- Soldering Time:** Do not apply heat for more than 4 seconds.
- Preheating:** Chip capacitors must be preheated before installation. (130 degrees - 150 degrees C).

Note: Chip component must not be reused after removal. Excessive mechanical stress and rubbing of the component electrode must be avoided.

2. Removing the chip component (Fig. 2-3):

Grasp the chip component body with tweezers and alternately apply heat to both electrodes.

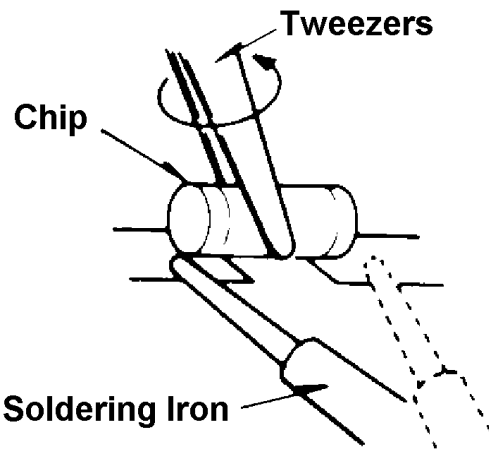


Figure 2-3, Removing Chip Components

When the solder on both electrodes has melted, remove the chip component with a twisting motion.

Note: Do not attempt to lift the component off the board until the component is completely disconnected from the board by a twisting action. *Attempting to remove the component before it has completely been disconnected can break the copper foil on the printed circuit board.*

3. Installing a chip component

- Presolder the contact points on the circuit board (Fig. 2-4).

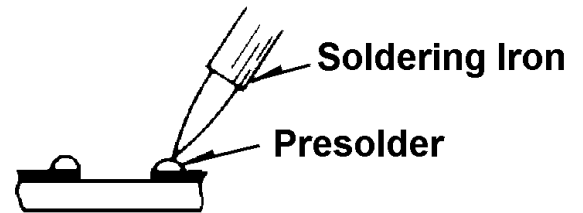


Fig.2-4, Chip Component Presolder

- Hold the component in position with tweezers and solder the electrodes as shown (Fig.2-3).

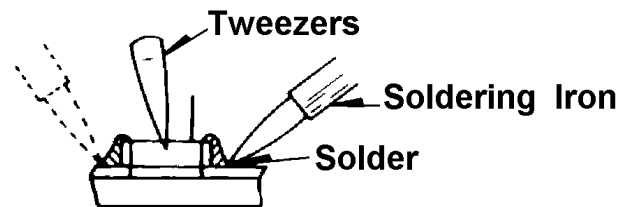


Fig. 2-3 - Chip Component Installation

Note: Do not glue the replacement chip component to the circuit board.

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ALIGNMENT PROCEDURES (Continued)

Operating Conditions

Unless otherwise noted, the following conditions must be observed when aligning the DTV306 chassis:

Chassis must be operated from a 120VAC isolation transformer, with line voltage set to 120VAC ($\pm 2.0V$).

Picture controls (black level, contrast, etc.) must be set to factory presets via the Picture Quality menu.

Procedures must be performed in the sequence given.

A 10X probe must be used for oscilloscope and frequency measurements.

The audio output leads must not be shorted together or to ground with the chassis on.

All video signals must have -40 IRE sync tips unless specified otherwise.

Chassis AC power must be removed for 10 seconds before disconnecting any cable.

A 3-minute warm-up is required for chassis or module related alignments. A 15-minute warm-up is required for Kine related alignments.

Required Test Equipment

- Dual-Trace Oscilloscope
- Digital Voltmeter
- Frequency Counter
- Audio Signal Generator
- NTSC Signal Generator (B&K 1249, or equivalent)
- MTS Signal Generator (B&K 2009, or equivalent)
- Sweep/Marker Generator (or Standard Signal Generator)
- TAG001 Service Generator (stock # 215568)
- YPrPb Signal Generator (DVD player w/YPrPb)
- DC Power Supply (5.0V/0.25A) for TAG001
- Chipper Check® software
- Chipper Check® interface box and computer
- Personal Computer (IBM Compatible w/ CD ROM and Sound Card)

All alignments should be done using Chipper Check® software and interface box.

X-Ray Shutdown Check

The following procedure should be performed prior to, and upon completion of service:

1. Set Black Level and Contrast to maximum.

Momentarily apply a short between the shutdown test point (JW14901- located at back edge of chassis) and ground. The instrument must shutdown immediately, then turn back on after ~ 2 seconds.

Apply and maintain a short between JW14901 and ground. The instrument must shutdown immediately and remain shutdown (the instrument will attempt to restart three times, then remain off).

Remove the short from JW14901.

Enter the Service Mode and reset the error code parameter(s) to "0".

Service Mode

Most of the alignments for this chassis are software-driven. Some alignments can be accessed and modified through the front panel service mode. It is recommended that all adjustments should be made by modifying parameter values using Chipper Check. When parameter values are modified the corresponding registers and EEPROM locations are updated.

Entering the TV Service Mode Using the Front Panel Controls

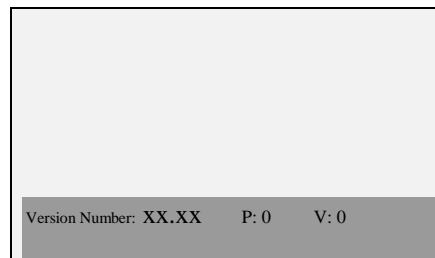
NOTE: To enter the DM1 Service Mode see Section 5A "DM1 Service Menu Overview".

1. Press and release the **POWER** button to turn the instrument on.

Press and hold the **CH DOWN** button.

Press and release the **TV·DIRECTV** button.

The instrument should display the following one line menu:



***NOTE:** In early production instruments pressing **CH ^** or **CH v** before the security code has been entered will not cause the instrument to exit the service menu but will cause the instrument to sequence through various video input modes. If this occurs the video switching will be placed in the wrong mode and will not display NTSC signals. To reset the video mode, exit the service menu and tune to a NTSC channel. Press input on the remote control until NTSC video is displayed

- The **VOL +** and **VOL -** buttons on the FPA or remote control are used to change the value (**V**).
- The **CH ^** and **CH v** buttons on the front panel or the remote control are used to change the parameter (**P**) number.

NOTE: Attempting to change the parameter number (using **CH ^** or **CH v**) before the security code is entered will cause the instrument to exit the service mode (*see note above). A valid security code must be entered (using **VOL +** or **VOL -**) before selecting an alignment parameter.

ALIGNMENT PROCEDURES (Continued)**Security Codes**

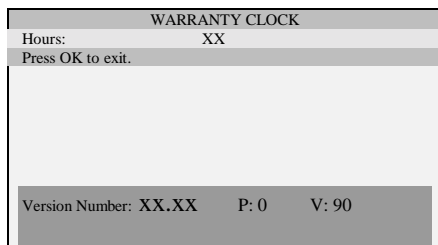
When the service mode is first turned on, the parameter will be "0", which does not correspond to an alignment. This is the security code parameter, the purpose of which is to prevent accidental entry into the parameter groups. The value (V) must be set to 76 for Front Panel access to chassis alignments, (V) set to 90 for Warranty Clock information and a value (V) of 200 for Chipper Check®. Once Chipper Check® mode (V=200) is selected, the Chipper Check® interface box will take control of the instrument and the front panel will become inoperative.

Value		Parameter Group
76		Instrument
90		Warranty Clock
200		Selects Service Computer Mode - must unplug TV to get out of the Service Computer Mode.

*Security Codes***Warranty Clock**

When the service mode is first turned on use **VOL +** to change the parameter number to 90, warranty clock security code. Press **CH ^** one time to display the warranty clock display shown below.

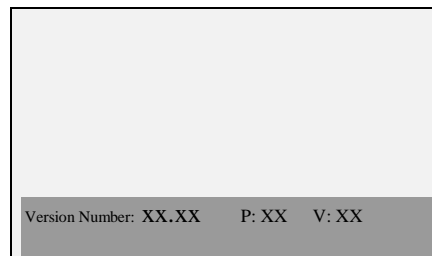
Where: XX = hours since first turned on.



NOTE: In early production instruments pressing **CH ^** or **CH v** more than one time will cause the instrument to sequence through various video input modes. If this occurs the video switching will be placed in the wrong mode and will not display NTSC signals. To reset the video mode, exit the service menu and tune to a NTSC channel. Press input on the remote control until NTSC video is displayed

Instrument Alignment

When the service mode is first turned on use **VOL +** to change the parameter number to 76, alignment security code. Once a security code has been set, pressing **CH ^** will result in the following display:



Where:

Version Number: xx.xx = Code Version

P: XX = Parameter Number

V: XX = Current Value

The **CH ^** and **CH v** buttons can be used to change the parameter number and the **VOL +** and **VOL -** buttons can be used to change the value of the parameter selected.

Exiting The Service Mode

The service mode can be exited at any time by pressing the **MENU·OK** button on the FPA or **INFO** on the remote control (except when in ChipperCheck® mode). No additional steps are required to write new data into the EEPROM; new data is entered as parameter values are changed.

CHASSIS ALIGNMENT

The DTV306 chassis requires the use of ChipperCheck®, a TV/PC interface box, and a suitable computer for the majority of the alignments. Basic geometry and color temperature are the only alignments accessible through the front panel (see the following Parameter List). These adjustments have been included in this service manual as front panel procedures but it is not recommended that they be adjusted without using ChipperCheck®. ChipperCheck® software and the TV/PC interface box are available from:

TCE Publications
10003 Bunsen Way
Louisville, KY 40299
Tel. 502-491-8110

Instructions for the operation of ChipperCheck® software and connection of the TV/PC interface are included as context-sensitive help files in the ChipperCheck® software.

ALIGNMENT PROCEDURES (Continued)

Geometry Alignment

The Geometry alignments on this chassis are very critical and must be performed using ChipperCheck®. Even though some of the geometry alignments are available through the front panel service menu, adjustment is not recommended. Alignment in one mode will interact and affect the displays of the other modes.

High Voltage Adjustment

The high voltage in this instrument is very critical and requires special test equipment to measure and adjust. Field alignment is not recommended. If one of the following components is replaced the remainder of the components listed must be replaced at the same time. These components are packaged together in a kit (see parts list for stock number): R14767, R14778, R14780, R14776 and R14777. Adjustment of high voltage will not be necessary.

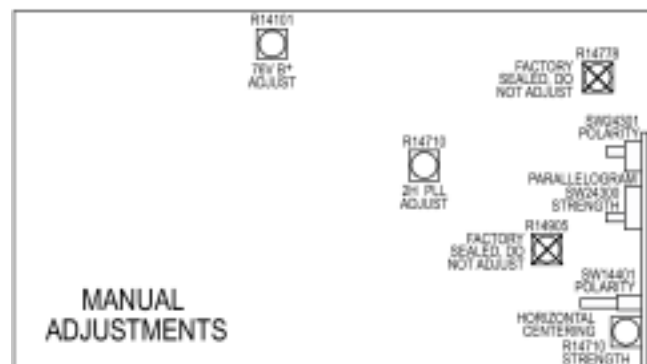
Note: To remove the high voltage leads from R14767, twist the lead (at least 360deg) while pulling up.

XRP Adjustment

The XRP circuit in this instrument requires special test equipment to measure and adjust. Field alignment is not recommended. If one of the following components is replaced the remainder of the components listed must be replaced at the same time. These components are packaged together in a kit (see parts list for stock number): CR14900, R14901, R14902, R14904 and Q14901. Adjustment of XRP will not be necessary.

Main B+ Alignment

1. Apply an NTSC (Mode 0) flat white field to AUX 1.
2. Connect a DVM to the +76V RUN power supply at TP14102.
3. Adjust R14101 (Run Adjust) for 76 ± 0.25 VDC.



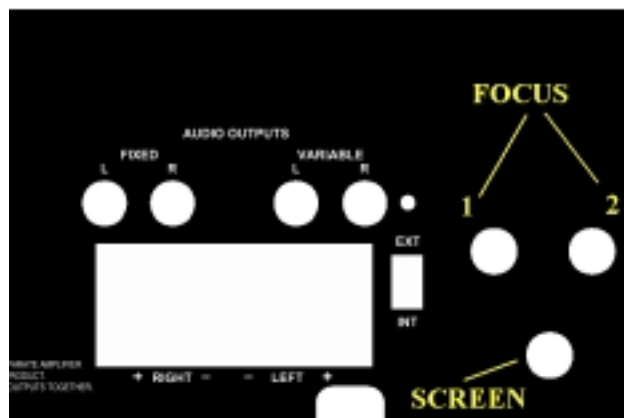
Manual Adjustment Locations Deflection/Power Supply

Focus Adjustment

Test Point:	Observe Display
Adjust:	Focus Control(s) Jack Panel

Note: Instrument must be warmed up at least 15 minutes prior to adjustment.

1. Tune the instrument to receive a crosshatch signal (HDTV Source).
2. Reset the Customer Controls.
3. Adjust Focus 1 for best focus of the vertical lines at the top left of the display.
4. Adjust Focus 2 for best focus of the horizontal lines at the center of the display.
5. Repeat steps 3 & 4 until the picture is well focused in all areas (This typically requires 3 alignment cycles).



Jack Panel (Right Side)

ALIGNMENT PROCEDURES (Continued)

Front Panel Accessible Parameter List for DTV306

Parameter #	Parameter name	Value range	Notes and Comments
Instrument Parameters:			
00	security code for alignment parameters	must set to 76	must not advance to these parameters until value set
01	Error Detection (1st)		Value of first detected error
02	Error Detection (2 nd)		Value of second detected error
03	Error Detection (last)		Value of last detected error
04	Horizontal Phase	00 .. 53	Write to HorizontalPhase TDA9151 reg. and EEPROM
05	Width Align	00 .. 63	Write to WidthAlign TDA8444 reg. and EEPROM
06	Width 9151 Ref	00 .. 63	Write to Width9151 TDA9151 reg. and EEPROM
07	E/W Parabola	00 .. 63	Write to E/WParabola TDA9151 reg. and EEPROM
08	E/W Trap	00 .. 07	Write to E/WTrap TDA9151 Reg. and EEPROM
09	E/W Corner	00 .. 63	Write to E/WCorner TDA9151 Reg. and EEPROM
10	Vertical Offset	00 .. 07	Write to VerticalCenter TDA9151 Reg. and EEPROM
11	Vertical Amp Aligned	00 .. 53	Write to VerticalAmp TDA9151 reg. and EEPROM
12	Vertical Amp Delta	00 .. 15	
13	Vertical Center	00 .. 63	Write to VerticalCenter TDA9151 reg. and EEPROM
14	Vertical Movie Mode	00 .. 02	0=Normal; 1=Movie1; 2=Movie2
15	Vertical Slope MSB	00 .. 255	Write to SlopeMSB TDA9151 reg. and EEPROM
16	Vertical Slope LSB	00 .. 255	Write to SlopeLSB TDA9151 reg. and EEPROM
17	Vertical Start Scan	00 .. 59	Write to STSC TDA9151 reg. and EEPROM
18	Red Cutoff	00 .. 255	Write to EEPROM Address depending on the source
19	Green Cutoff	00 .. 255	Write to EEPROM Address depending on the source
20	Blue Cutoff	00 .. 255	Write to EEPROM Address depending on the source
21	Video Mode Cutoff (Brightness Align)	00 .. 255	Write to EEPROM Address depending on the source
22	Red Drive	00 .. 127	Write to EEPROM Address depending on the source
23	Blue Drive	00 .. 127	Write to EEPROM Address depending on the source
24	Video Mode Light Output	00 .. 117	Write to EEPROM Address depending on the source
25	Text Mode Cutoff (Brightness Align)	00 .. 255	DO NOT USE.
26	Text Mode Light Output	00 .. 107	DO NOT USE
27	AKB Mode	00 .. 01	<i>Note: 00 = Off; 01 = On</i>
28	Red Cutoff (override)	00 .. 255	Update TA1276 register and writes to EEPROM
29	Green Cutoff (override)	00 .. 255	Update TA1276 register and writes to EEPROM
30	Blue Cutoff (override)	00 .. 255	Update TA1276 register and writes to EEPROM
31	Cutoff (override)	00 .. 255	Update TA1276 register and writes to EEPROM
32	Comb D/A (Composite)	00 .. 127	
33	FPIP Contrast (Composite)	00 .. 127	
34	FPIP Fine Tint (Composite)	00 .. 255	
35	FPIP Saturation (Composite)	00 .. 127	
36	Comb D/A (SVideo)	00 .. 127	
37	FPIP Contrast (SVideo)	00 .. 127	
38	FPIP Fine Tint (SVideo)	00 .. 255	
39	FPIP Saturation (SVideo)	00 .. 127	
40	Digicon Bus Control	00 .. 01	<i>Note: 00 = Enables communication between the convergence micro & the digital convergence IC. 01 = Disables communication between the convergence micro & the digital convergence IC. This allows the ATE to communicate directly on the Digicon Bus.</i>
41	RGB Output Mode	00 .. 03	0=Normal; 1=Red Only; 2=Green Only; 3=Blue Only

ALIGNMENT PROCEDURES (Continued)

Basic formats for which performance is specified are referenced by the Deflection Mode number

DTV306			PARAMETER TYPE (H = Horizontal, V = Vertical)						
			H	V	H	V	V	H	V
Defl Mode	Display Format		H Freq. (kHz)	V Freq. (Hz)	Resolution (dots)	Resolution (lines)	Interlace (Y/N)	Sync Polarity	Sync Polarity
4	DM1	HD	33.7500	60.000	1920	1080	Y	P	P
14	2H YPrPb		31.4685	59.940	640	483	N		
15	2.14H YPrPb		33.7500	60.000	640	483	N		

AKB Mode (Parameter 27)

Used to turn AKB On/Off. A value of 00 turns AKB OFF.
A Value of 01 turns AKB ON.

Vertical Movie Mode (Parameter 14)

1. Always set to "0".

Vertical Centering (Parameters 10, 11, 13)

Test Point:	Observe Display		
Adjust:	Vertical Offset (10)	Range 00-07	
	Vertical Amp Aligned (11)	Range 00-53	
	Vertical Center (13)	Range 00-63	

1. Attach a YPrPb signal generator to the YPrPb input. Apply a crosshatch pattern (Mode 15 HDTV Source).
2. Note the value of the Width Alignment (parameter 05). Temporarily change the value of the Width Alignment to 63.

3. Preset the Vertical Center (parameter 13) to step 31.
4. Adjust the value of Vertical Offset (coarse adjustment parameter 10) to center the top and bottom lines of the crosshatch with the edge of the display.
5. Adjust the Vertical Center (fine adjustment parameter 13) to center the top and bottom lines with the edge of the display.
6. Adjust the Vertical Amp Aligned (parameter 11) so that approximately 3.75% of the crosshatch pattern is hidden at both the top and bottom of the display (7.5% over scan +/- 2.5%).

EXAMPLE: If the crosshatch display has 12 blocks vertically, adjust so that ~ 1/2 block is hidden at both the top and bottom of the display ($0.5/12 = 4.1\%$).

7. Return the value of Width Alignment to the original value.

ALIGNMENT PROCEDURES (Continued)**Color Temperature Alignment Patterns**

Color temperature alignment for the DTV306 is similar to the MMC101 chassis. Some form of staircase pattern similar to Figures 1 below is required. Proper identification of the "0" (if available) and "7.5" or "setup" bars on screen and the waveform produced at the cathodes of the CRT will be needed. Consult the specification manual for the pattern generator used to confirm the location of these bars.

The oscilloscope waveform shows the relationship between the bars and the video signal at the cathodes of the CRT. This waveform is present on all three cathodes. With the

oscilloscope adjusted to provide a full peak to peak readout of the waveform at the horizontal rate, the 7.5 IRE setup bar will be the critical area. Be certain this bar can be identified using the equipment available. If a 7.5 IRE bar is not available, 10 IRE may be used.

It should also be noted that bar patterns differ. Some vary from 10 to 100 IRE in various steps and in different directions, but most should have an identifiable 7.5 or 10 IRE bar.

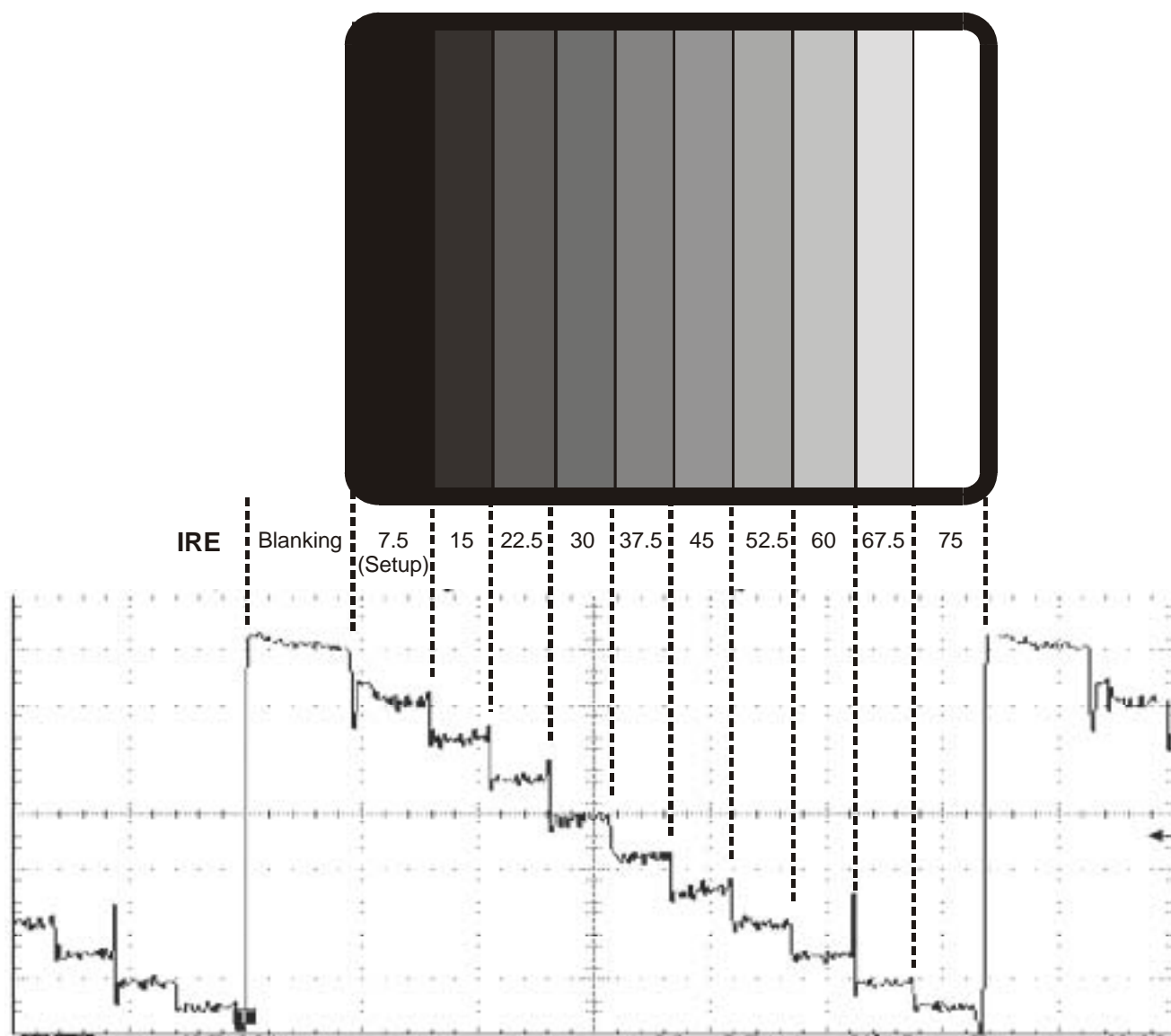


Figure 1

ALIGNMENT PROCEDURES (Continued)**Screen and Color Temperature Setup**

As with previous AKB systems, there is no direct AKB setup. AKB is automatic and requires no technician adjustments. However, the screen control must be setup and color temperature must be adjusted to proper levels for AKB operation. AKB will then maintain the cutoff bias of the CRT based on these initial adjustments.

There are additional color temperature related setups that must be performed prior to the final color temperature alignments.

To Adjust the Screen Control:

NOTE: AKB will remain "ON" for screen control adjustment. (Parameter = 27, Value =1)

1. Apply a vertical gray bar staircase pattern (at least 8 bars from "7.5" to "≥75" IRE similar to Figure 2 below) to the video input and adjust the set for operation from that input. Identify the "7.5" IRE bar location both on-screen and using an oscilloscope. The 7.5 IRE bar is "black" or "cutoff" and will be used for reference. On most patterns, the remainder of the bars will progressively become brighter.
2. Use the "Reset" function on the consumer picture quality controls to place black level, contrast, color, tint and sharpness to their nominal factory default settings. Use the "Picture Presets" to place the set in "Normal Lighting" mode.
3. Allow the instrument to warm up with the staircase pattern or active video on screen for at least 15 minutes. Make certain the staircase pattern is again on screen before proceeding.
4. Using an oscilloscope, monitor all three cathode voltages and identify the cathode whose "7.5" IRE pattern is the greatest.
5. Monitoring the cathode identified in step 4, slowly adjust the Screen Control until the 7.5 IRE bar is at 170V.
6. Do not change the screen control after this setup is complete. Any further adjustments will be done with the color temperature controls.

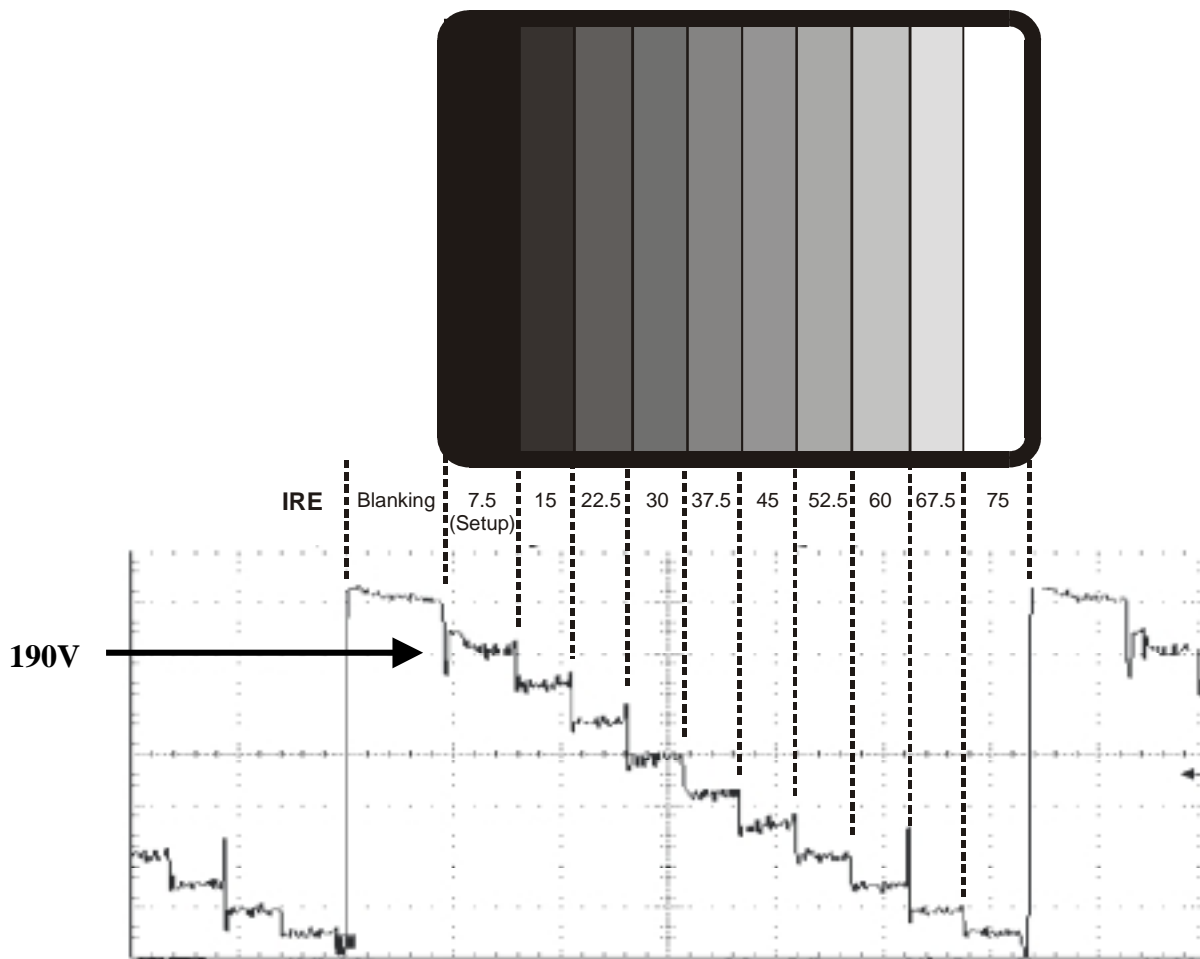


Figure 2

ALIGNMENT PROCEDURES (Continued)**Color Temperature Background**

The purpose of color temperature setup is to assure uniform gray level from black to the brightest scenes. If a uniform gray screen is displayed, no matter the brightness level, no tinting in either the red, green or blue direction should be apparent. This is known as "color tracking". Once the proper color temperature is set, AKB will maintain the cutoff of the CRT to assure proper low light performance. Assuming color tracking of the CRT does not change, this will also maintain the high level picture color temperature.

There are two user selectable color temperature settings, 6500K and 9300K. Each requires color temperature and light output alignment. The 6500K alignment should be performed first, followed by 9300K. YUV Cutoff or RGB Cutoff will be adjusted only during the 6500K setup. A single adjustment is good for both temperature settings.

If a CRT or video processor IC has been replaced, the technician should first perform screen control alignment. Then a critical evaluation of the color temperature setup of the CRT should be done. In most cases, *color temperature will be acceptable and not require alignment!*

Color Temperature Setup (YUV)

NOTE: Perform YUV Cutoff and 6500K setup first.

6500K setup

1. Apply a vertical gray bar staircase pattern (at least 8 bars from "7.5" to "≥75" IRE) to the Component Video Input (YprPb) and adjust the set for operation from that input. Identify the 7.5 IRE bar location. It is the "black" or "cutoff" bar. For these adjustments, this bar and the next brighter bar will be used. On most patterns, the remainder of the bars will progressively become brighter. If a CRT or main EEPROM has been replaced, use Chipper Check or the front panel menu to set the Red, Green and Blue "Cutoff" values to midrange.
2. If all three colors (red, green and blue) appear too dim or too bright, adjust "R,G,B Cutoff" until any single color disappears from the black bar, but is still visible in the adjacent bar. Note that color.
For instance, the black bar is plainly visible and close to gray. By decreasing the YUV Cutoff control all three colors will begin to dim. Blue may be the first color to disappear from the black bar, leaving a red/green (yellow) tint to the black bar. YUV Cutoff adjustment should stop at this point.
3. Adjust the appropriate remaining red, green or blue "Cutoff (6500)" controls until any red, green or blue tint disappears from the black bar, *but is still visible in the adjacent bar*. When properly adjusted, the adjacent bar should be a very low level gray with no color tinting. Low level color temperature setup is now complete.

4. Now observe the brighter portions of the bars. Adjust the red or blue drive controls to remove any signs of red or blue tint in the higher brightness bars. Observe the bars for signs of CRT overdrive. Overall brightness may be adjusted using the "YUV Light Output-6500" control. Some compromise may be required, but the higher IRE sections should be as free from color tinting as possible. Color temperature setup is now complete.

NOTE:**9300K Setup.**

1. Apply a vertical gray bar staircase pattern (at least 8 bars from "7.5" to "≥75" IRE) to the video input and adjust the set for operation from that input. Identify the 7.5 IRE bar location. It is the "black" or "cutoff" bar. For these adjustments, this bar and the next brighter bar will be used. On most patterns, the remainder of the bars will progressively become brighter. If a CRT or main EEPROM has been replaced, use Chipper Check or the front panel menu to set the Red, Green and Blue "Cutoff" values to midrange.
2. Adjust the appropriate red, green or blue "Cutoff (9300)" controls until any red, green or blue tint disappears from the black bar, *but is still visible in the adjacent bar*. When properly adjusted, the adjacent bar should be a very low level gray with no color tinting. Low level color temperature setup is now complete.
3. Now observe the brighter portions of the bars. Adjust the red or blue drive controls to remove any signs of red or blue tint in the higher brightness bars. Observe the bars for signs of CRT overdrive. Overall brightness may be adjusted using the "YUV Light Output-9300" control. Some compromise may be required, but the higher IRE sections should be as free from color tinting as possible. Color temperature setup is now complete.

Overall Brightness Levels (Drive)

There is no control for the green drive (high brightness). Even though there is a front panel control to toggle the red drive to green, there is no EEPROM location to store the resulting adjustment. Any value for green would be stored to the red location.

If overall brightness is not adequate, increase it by using the YUV Light Output control. This control should not affect color temperature at this level, however large changes may disturb the low brightness level color temperature (cutoff).

After high brightness alignment is complete always recheck low level brightness areas. If color temperature is not acceptable, begin color temperature alignment again. Generally, only small changes should be required at this time.

ALIGNMENT PROCEDURES (Continued)**Comb D/A Level** (Parameter 32)

1. Apply a 100 IRE (white) signal to the AUX 1 input.
2. Select AUX 1 for the main picture.
3. Connect a scope probe to the negative lead of C22323.
4. Adjust the Comb D/A value (Parameter 32) for 0.71 volts from black (blanking) to white.

PIP Contrast (Parameter 33)

1. Apply a color bar signal to the AUX 1 input.
2. Select AUX 1 for the main picture.
3. Turn on PIP and select AUX 1 for the PIP picture.
4. Adjust PIP Contrast (Parameter 33) for equal contrast levels between the main picture and the PIP picture.

PIP Tint\Saturation - Composite (Parameters 34, 35)

1. Apply a color bar signal to the AUX 1 input.
2. Select AUX 1 for the main picture.
3. Turn on PIP and select AUX 1 for the PIP picture.
4. Set the PIP Saturation (Parameter 35) to midpoint, Value =63.

5. Adjust PIP Fine Tint (Parameter 34) for equal tint between the main picture and the PIP picture.
6. Adjust PIP Saturation (Parameter 35) for equal saturation between the main picture and the PIP picture (this may affect tint slightly).
7. Repeat steps 5 and 6 until both the tint and saturation level are the same for both pictures.

PIP Tint\Saturation - S Video (Parameters 38, 39)

1. Apply a color bar signal to the S Video input.
2. Select S Video for the main picture.
3. Turn on PIP and select S Video for the PIP picture.
4. Set the PIP Saturation (Parameter 39) to midpoint, Value =63.
5. Adjust PIP Fine Tint (Parameter 38) for equal tint between the main picture and the PIP picture.
6. Adjust PIP Saturation (Parameter 39) for equal saturation between the main picture and the PIP picture (this may affect tint slightly).
7. Repeat steps 5 and 6 until both the tint and saturation level are the same for both pictures.

TROUBLESHOOTING

Error Codes

If certain failures occur in the chassis, error codes will be stored in the chassis EEPROM. These error codes are also displayed when Service Mode is active at parameters "1", "2" and "3". Parameter "1" stores the error code for the first failure experienced by the instrument. Similarly, parameter "2" stores the error code for the second failure. Parameter "3" is automatically updated to display the error code for the most recent failure experienced by the instrument. Error codes are summarized below.

The presence of a "0" in the error code values indicates that no failures have occurred since the time when the error code parameters were reset. These error codes can (and should) be reset to "0" after servicing with the VOL + and VOL - buttons.

Because a failure of a bus IC is a possible reason for needing service, normal acknowledgment checking is disabled in the service mode. If an I²C device has failed, its address will be stored in the error code area.

DEC	POWER CONTROL ERRORS			
Error Code:	Error:	Board	Condition	Troubleshooting
0	POWER_FAIL fault (see condition column)	Deflection	No error code thrown. This condition can occur if the fault is due to 16V_stby dropping out. The TV will shut down but does not throw an error code.	1. Check 16V_stby supply 2. Error is not thrown since pulling the AC plug causes this error in reality.
1	PWR_FATAL_INITIAL_POWER	Deflection	+12VR failure upon power up or failure of 9151 deflection IC to acknowledge within first 400msec.	1. Check +12VR supply. 2. Check operation of 9151 Deflection IC.
3	+12VR fault (PWR_FATAL_12V)	I/O or Deflection	+12VR has fallen below acceptable voltage level.	1. Check 12V_run supply operation 2. Check 12V_A/D input to micro (U3101 pin 38)
7	SCAN_LOSS (see option bit)	Deflection	Loss of scan by deflection	1. Check deflection board.
9	TA1276 POR (Video IC)	I/O	TA1276 video IC suffered a Power On Reset (POR)	1. Check supplies to TA1276 2. Check operation of TA1276
10	F2PIP POR	I/O	F2PIP suffered a power on reset	Check F2PIP operation and its supplies.
11	Not used in the DTV306		Not used in the DTV306	
12	AVR Latched	I/O	AVR input to micro is held low	1. Check AVR circuitry from audio 2. Check audio amps.
13	Fan Detect Error (FAN_STOPPED)	I/O	One or both fans ceased to operate.	1. Check operation and connection of fans. 2. Check fan detect circuitry.
16	Run1 and/or Run2 I2C bus latched	I/O	Run I2C clock or data is clamped at logic zero state. At this time no distinction is made as to which bus is clamped.	1. Check clock or data line voltage levels during I2C bus transmissions 2. Check that all I2C devices are properly powered on.
17	Not used in the DTV306		Not used in the DTV306	
18	Standby I2C bus latched	I/O	Standby I2C clock or data is clamped at logic zero state.	1. Check clock or data line voltage levels during I2C bus transmissions 2. Check that eeprom has 5V at pin 8 (Vcc)
20	Software Stack Overflow	I/O	Please note condition in which this occurred	
21	None			
22	4 Strikes-Your-Out Occurred	I/O	This error code is thrown after every 4th strike (usually results in set staying off) due to any error condition. This will overwrite the last error code location.	Useful in determining whether 4-strikes-your-out occurred in data acquisition mode. Gemstar data will not be collected if 4-strikes occurred in DAM.
24	Not used in the DTV306	Convergence	Not used in the DTV306	
25	Not used in the DTV306	Convergence	Not used in the DTV306	
26	Not used in the DTV306	Convergence	Not used in the DTV306	

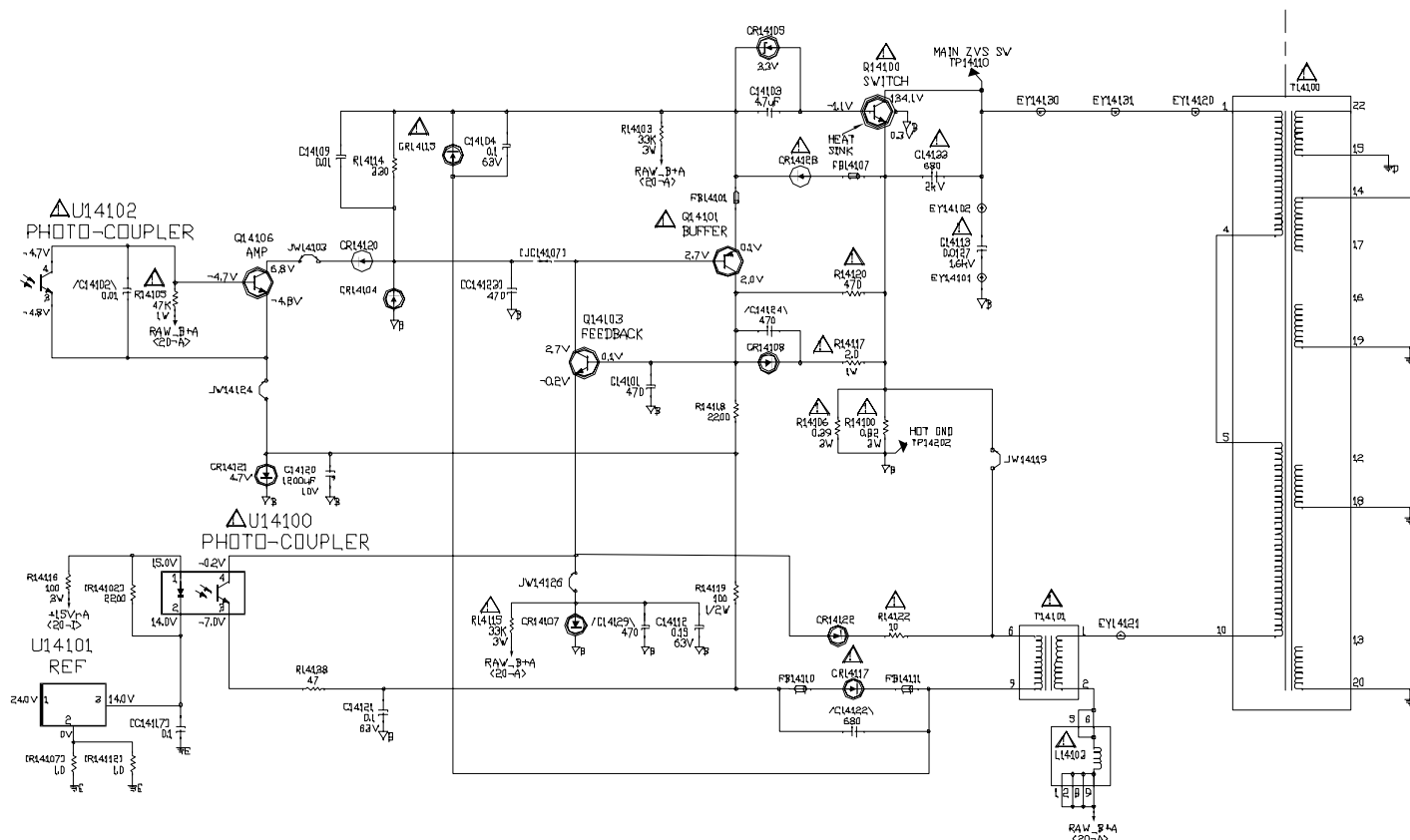
TROUBLESHOOTING

DEC	I ² C ACKNOWLEDGE ERRORS				
Error Code:	Error:	Bus	Board	Condition	Troubleshooting
6	S-VIDEO AV Switch Fault	RUN 1	I/O	Failure to communicate with S-VIDEO AV Switch	1. Check supplies to SV switch 2. Check operation of SV switch
44	F2PIP fault	RUN 1	I/O	Failure to get acknowledge from F2PIP	1. Check operation of F2PIP IC 2. Check bus lines to F2PIP IC 3. Check F2PIP oscillator operation
52/53	Not used in the DTV306	USB		Not used in the DTV306	
220/221	Digital Convergence Micro fault	RUN 2	Digital Convergence	Not used in the DTV306	
64/65	2nd Tuner OCTAL DAC bus fault	RUN 2	2nd Tuner	Failure to communicate with OCTAL DAC	1. Check operation of OCTAL DAC 2. Check bus lines to OCTAL DAC
66/67	Not used in the DTV306			Not used in the DTV306	
68	Deflection DAC Fault	RUN 2	Deflection	Failure to communicate with Deflection DAC	
72/73	Sync Processor Fault	RUN 2	I/O	Failure to communicate with SYNC Processor	
72/73	SYNC Proc. Bus Expander Fault	RUN 2	I/O	Failure to communicate with SYNC Proc. Bus Expander	
128/129	Not used in the DTV306			Not used in the DTV306	
128/129	Not used in the DTV306			Not used in the DTV306	
134	Composite AV Switch Fault	RUN 1	I/O	Failure to get acknowledge from Composite AV Switch	1. Check operation of video matrix switch 2. Check bus lines to video matrix switch
136	NTSC Decoder	RUN 1	I/O	Failure to communicate with NTSC Decoder	
136	TVB Fault	RUN 2	I/O	Failure to communicate with TVB	
140	Deflection Controller Fault	RUN 2	Deflection	Failure to communicate with Deflection Controller	
178/179	Frame Comb	Run 1		Failure to communicate with Frame Comb	
184/185	NEC Frame Comb	Run 1		Failure to communicate with Frame Comb	
186/187	STV9424 OSD IC Fault	RUN 1	I/O	Failure to communicate with 2H OSD IC	
192	2nd Tuner PLL bus fault	RUN 2	2nd Tuner	Failure to communicate with 2nd tuner PLL IC	1. Check operation of Tuner IC 2. Check bus lines to Tuner IC
194	2nd Tuner DAC bus fault	RUN 2	2nd Tuner	Failure to communicate with 2nd tuner PLL IC	1. Check operation of Tuner IC 2. Check bus lines to Tuner IC
196	Not used in the DTV306			Not used in the DTV306	
198	Not used in the DTV306			Not used in the DTV306	

AC IN

A provision for a Negative Temperature Coefficient Resistor (NTC) RT14202 may be used as a surge current resistor to control inrush current through the diodes as the main electrolytic charges initially to minimize power and temperature.

Grounding of the 3-wire line cord is to the metal mechanical structure to which the main spark gap and audio/video grounds are connected.



Main Run Power Supply

Main Run Power Supply Operation

because it provides a relatively constant ratio of base current to collector current. This constant ratio prevents the switching transistor base from being overdriven in the forward direction during low current operation, thus improving the switching speeds. Proportional drive also provides increased base drive when high peak current is required from the switching transistor to ensure proper saturation to minimize power dissipation. This circuit operates in the forward mode because of the high power output requirements, providing energy to the secondary windings during the main switch conduction interval. In this implementation the primary winding of T14101, provides the means for the energy stored in the resonant inductor to be transferred to the output while the switching transistor is on.

A simple proportional drive circuit that also provides a self-oscillating capability has been developed for the DT30X family. Proportional drive is advantageous

CIRCUIT OVERVIEW

A high current latch provides a low impedance path for reverse base current to flow during turn-off. The latch is made up of Q14101 and Q14103 a PNP/NPN transistor pair. A negative bias on the base of the switching transistor, Q14100, is provided by the drive transformer, a series Zener diode, CR14105, and bypass capacitor, C14103, to improve reliability and switching speeds.

Oscillation is initiated by current flowing from a high value resistor R14103 connected to the Raw B+. It causes a small amount of base current to flow in the main power switch Q14100. A drive transformer T14101 is connected as a current transformer and causes current to flow in the secondary winding in response to the current flow in the primary winding. The ratio of primary current to secondary current is determined by the turns ratio of the drive transformer, about 7 to 1. Since additional current begins to flow in the base of the switching transistor from the secondary of T14101, additional current will flow in the primary and a regenerative effect will take place causing the system to self oscillate. The expected range of switching frequency is 80kHz to 120 kHz.

Switch Mode transistor current is sensed by an emitter resistor, R14100; the developed voltage is fed to the NPN/PNP latch. When the voltage across R14100 increases the base of Q14103 becomes sufficiently positive to cause it to turn-on. Current flowing in Q14103 causes Q14101 to turn-on diverting base current away from the Q14100 and latching Q14103. CR14105 and C14103 provide a negative voltage feedback to the base of Q14100 to improve the turn off characteristics of the main power switch.

Diode CR14108 and resistor R14117 shunt some of the reverse base current to the low impedance of the current sense resistor. This shunting effect prevents the over stressing the base of Q14103.

Q14102 and Q14103 remain latched until the current flowing through the pair drops below the latching threshold. The negative voltage produced by T14101 keeps the main switch mode transistor from conducting until the resonant action of the resonating inductor and the resonant capacitor, C14113, causes the voltage to reverse. As the voltage at the base of Q14100 rises, current begins to flow and the next cycle begins.

When Q14100 turns off, the collector voltage begins to rise but the voltage change is limited by the resonance effect produced by L14103 and C14113. Because Q14100 turns off very rapidly, very little power is dissipated since the collector voltage remains low during the turn-off interval. When the collector voltage of Q14100 resonates toward ground, the collector-base junction conducts and diode CR14128 provides a path for the resonant current returning to the Raw B+ supply after the resonant cycle is complete. Diode CR14115 provides

a current path of the forward drive current and limits the voltage to which C14104 can charge. A negative base bias voltage is coupled to Q14100 through C14104 to Q14100 when it is in the off state. Diode CR14117 and C14121 bias and rectify and filter the negative voltage developed from the drive transformer, T14101, to provide a negative supply voltage for the control circuit.

A feedback signal from an error amplifier that senses the output voltage of the supply drives an opto-coupler with a variable current. The +76V supply is sensed via a resistor divider and fed to the reference IC U14101. As the output voltage increases above the threshold set by the error amplifier, the current through the diode portion of the opto-coupler increases causing increasing current to flow in the transistor portion. This increased current flow causes the voltage across C14112 to drop which in turn lowers the threshold at which Q14103 will begin to conduct, lowers the peak current in the switching device, and reduces the output voltage of the system until equilibrium is established.

Overcurrent Protection

When an overload appears, the current through (and the voltage across) the sense resistors approaches a sawtooth shape with nearly equal positive and negative amplitudes. The negative-going portion of this voltage is passed by CR14122 and lowers the voltage on the emitter of Q14103 that in turn lowers the maximum peak current that can flow through the transistor.

Standby Power Operation

The standby power supply uses a ZVS circuit similar to the main run circuitry. It uses a flyback topology rather than the forward mode of the main power supply. A MOSFET, Q14601, serves as the switching device with the energy storage components the primary inductance of T14600 and the resonating capacitor, C14605.

+5VFB is sampled and regulated directly via the reference IC U14603 and opto-coupler, U14601. A transistor switch Q14604 is enabled by the +12v run in order to shed load in the standby mode.

An isolated supply (+8V_USB) provides the source for the USB 5v regulator that is located on the I/O board.

Provisions have been made for powering a tuner with the +15vs, +33vs and -12vs. The +33vs is switched on by the +12vr.

On sets supporting GemStar99, a 9VS standby source is provided from +15VS via a dropping resistor to form an unregulated +12VS. This supply is fed to a switched +9V

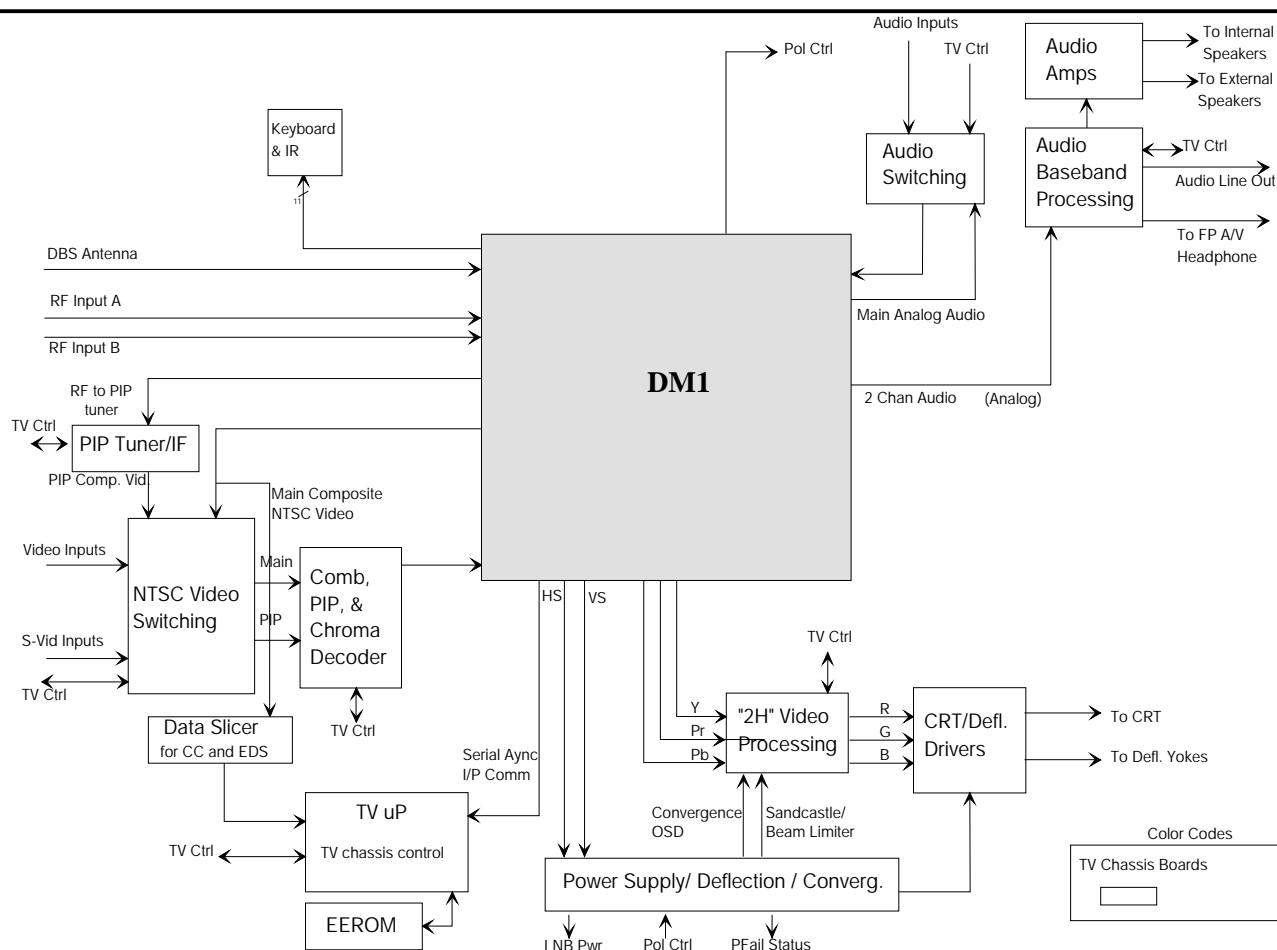
CIRCUIT OVERVIEW

signal regulator. This regulator can be activated during RUN and Acquisition modes.

A power fail circuit with output, PWR_FAIL senses an unregulated negative supply (about -15 volts) that is proportional to the Raw B+ input. PWR_FAIL is asserted when the Raw B+ is no longer sufficient to guarantee regulation of the output voltages. The output voltages will remain in regulation for a minimum of 20 ms after PWR_FAIL is asserted.

Degaussing

Automatic Degaussing is provided via a PTC connected in series with the AC line and contacts of a relay. When the main power ZVS is activated by the on/off line, the +12v supply rises and the transistor, Q14250, driving the relay coil is saturated until the electrolytic capacitor, C14250, charges to the value determined by the base divider resistor. This differs from earlier chassis in that the opening of the relay is determined by time constant rather than uC control.



DTV306 Block Diagram

Second Tuner

The CTC197 2nd Tuner (PIP) module is used for the DTV306. The tuner is a cold version of the CTC185 tuner. It receives its signal from the RF splitter output on the DM1 module.

Composite Input Switching

The Composite Video Switching supports three rear jack panel inputs, a front panel input and two composite signals from the NTSC tuners. A matrix switch, U16501,

performs Composite Video switching. This arrangement will allow any Composite Video (CV) signal to be displayed as the Main or PIP Insert Picture.

The eight inputs to the CV Matrix switch are:

- Main Tuner CV
- PIP Tuner CV
- AUX-1
- AUX-2
- AUX-3
- Front CV
- Main Y

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- Y from the YPrPb Input

The outputs are:

- Main CV
- PIP CV
- CV signal to the data slicer in the micro

The Closed Captioning (CC) Video output can be any of the available CV inputs or the Y from the displayed S-Video or YPrPb signal.

S-Video Input Switching:

The S-Video Switching supports three rear panel jacks, sharing the audio inputs with their respective CV inputs. The combed Y/C from the optional Frame Comb is also input to this switch. An auto detection scheme will select S-Video over CV if sync is detected on the corresponding Y/C input. The Y/C from the Comb Filter is input at the S-Video Switch in the F2PIP. This allows the Frame Comb input to be hard wired. If the control system detects the Frame Comb IC at power up it will configure the switches for Frame Comb operation. Otherwise the Comb in the F2PIP is utilized. A matrix switch, U16500, performs s-Video switching. The 8 inputs to this switch are: S-Video-1, S-Video-2, S-Video-3 and the Frame Combed Chroma and Luminance. Two pairs of Y/C outputs are selected and routed to the S-Video switch located in the F2PIP IC. This will allow the display of two S-Video sources as main and insert channel. In normal operation one Y/C input is used for the main display and the second is used to poll the other S-Video Inputs looking for sync.

F2PIP and Comb Filter

The F2PIP IC, U18100, performs both the Comb Filter and the PIP function. A three input S-Video switch is also included inside the IC. The two main inputs, Y1/C1 and Y2/C2, are fed from the S-Video Switch. The third Y/C input is from the Line Comb in F2PIP. The Video Control IC, U22300, generates a Sandcastle pulse at pin 2 from which a suitable Horizontal Drive pulse is derived. This combined with the Vertical pulse present at pin 31 provides a Composite Blanking pulse to synchronize F2PIP. The presence of sync on Y1 and Y2 can be determined over the I2C Bus and used to control the auto S-Video select. On chip A/D's, D/A's, PLL's and Memory make the F2PIP a one chip PIP solution. The F2PIP IC contains an Adaptive Comb Filter for the main picture as well as content screening and captioning for the PIP.

The Comb Filter receives Composite Video from the CV Switch. After the sync tip is clamped the signal is digitized to 8 bits. The sample clock is at 4 Fsc and phase locked to the main channel burst. The Digital comb, with

two 1fH delay lines, adaptively separate the Luma and Chroma signals that are then converted back to analog. The Y/C signals are low-pass filtered externally to remove repeat spectra and routed back into the S-Video Switch in the F2PIP. Vertical peaking is provided with bus controlled gain. The CV Output and Y/C Input to the S-Video switch allow for an optional Frame Comb Module to be used to circumvent the comb filter inside F2PIP.

The Video signal to be inserted as PIP may be a Composite Video signal or a signal made by internally summing either of the two S-Video inputs. Because this is a one-clock system, the PIP signal is sampled by a clock that is locked to the burst of the main signal. If burst is not present on the main channel, F2PIP can create its own burst. Following the sampling process the composite signal is internally band-passed and low-pass filtered for Y/C separation. If the chroma carriers are similar in frequency a digital PLL allows demodulation of the PIP chroma. The PIP Y/U/V samples are stored in memory and are read out synchronized with the main picture. The PIP picture consists of 69 lines with 108 luma and 18 pairs of chroma pixels. The PIP controller also generates a Fast Switch signal that is used to control the Y/C overlay switch inside the FPIP IC. It is also used to defeat Black Stretch during time PIP is displayed.

A 1/9 size NTSC PIP can be placed almost anywhere on the main NTSC raster.

YPrPb and Digital TV interface

A three input ganged RCA jack, J22401, provides for a YPrPb or "YUV" Input. This signal is input after the chroma decoder so that the 1.0fH to 2.14fH signals can be directly processed, eliminating the chroma encoding and decoding process. The 1.0fH Y or luma signal contains standard NTSC sync. The 2.0 and 2.14 fH signals have tri-level sync and because of their line frequency require special processing. The NTSC and External YPrPb signals are switched and clamped using two CD-4053 IC's, U22402 and U22403, before being routed to the Digital Interface. The discrete clamp switch is required to allow choosing the clamping level and send it as a "Black Reference" to the DM-1 module via J22403. The VGA2_NTSC / VGA1_YPRPB control line selects NTSC or YPrPb and is shared with the VGA switch since they are mutually exclusive. The YPRPB_Y signal is routed to the CV Switch to allow decoding of Closed Caption data on the YPrPb Input.

The Y signal is routed directly to U22407, which generates the required Horizontal and Vertical Drive signals. This IC also generates a Composite Blanking signal, BLK_1300 and a Black Stretch Blanking and Clamp Key signal, SCP_1300. These two signals are used to drive the Video Control IC, U22300 for all 1.0, 2.0 and

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2.14 fH signals. This allows idea control of the Blanking, Black Stretch and AKB in these modes. For NTSC operation U22407 is locked to the NTSC_H and NTSC_V signals coming from the Video Control IC, U22300. For YPrPb operation the YPRPB_H and YPRPB_V are routed to deflection.

In the DTV306 NTSC, YPrPb or the DM-1 signals are selected. J22402 provides differential YUV signals. U22404, U22405 and U22406 are configured to convert these to single YUV signals. For Digital TV applications U2204 is configured as a two input YUV switch by connecting the Matrix to ground through R22412. DIG_2H and DIG_1V are the respective Horizontal and Vertical Drive signals from the DM-1 module.

NTSC Chroma Decoder and Back-end Processing

The main NTSC decoder and wide band video processing is handled by U22300 a Video/Chroma/Deflection processor IC. The U22300 processor accepts the separated luminance and chrominance signals from the comb filter. The chroma path has a **selectable peaking** circuit inside the IC. The Q and center frequency is under bus control. These are adjusted to compensate the response from the various video inputs, including RF, CV and S-Video. The luma path has a selectable 3.58 trap with delay line.

U22300 is alignment free. Because the tint function is performed at base band there is no tint-preset register available for NTSC. Following demodulation, the I/Q or U/V output signals are internally low-pass filtered and routed to the NTSC/1H_YPrPb switch. For **Auto-flesh** operation the IC must demodulate on the I/Q axis. The internal matrix can accept U/V or I/Q signals but its input follows the selection of the NTSC demodulator. With the present Matrix, the Auto-flesh will **only** operate on **1.0 fH NTSC**. In the U/V mode signals are routed around the auto-flesh circuit. Only customer presets need be aligned.

Internal to U22300 is a horizontal and vertical sync processor. The horizontal and vertical drive pulses are used to drive the deflection in the 1.0 fH mode. An internal PLL generates a stable Horizontal Drive pulse. A vertical count down scheme is used to generate a stable Vertical Drive pulse. I²C bus registers are available to read the status of the HPLL, the field frequency and power on reset condition.

The Back-end Processor IC accepts YIQ (NTSC) or YUV video and enhances it with the following functions:

- 1) User controls for pix, black level, sharpness (with noise coring), color saturation, and tint.
- 2) Black stretch with auto-pedestal expands blacks to full dynamic range.

- 3) Edge replacement sharpens the luma edges.
- 4) SVM processing to enhance edges
- 5) Noise reduction to improve appearance of noisy sources
- 6) Auto-flesh is available, for NTSC signals only, to minimize scene to scene variations in tint
- 7) AKB (Automatic Kine Bias)
- 8) Beam current limiting

OSD for both 1H and 2H comes in following all user controls.

The **Red**, **Green** and **Blue** outputs from U22300 are clamped to prevent Blanking from going below 1.1 Volts. The Low-Pass filters remove unwanted harmonics a computer input may have. A reference voltage is provided for common mode rejection at the Kine Driver IC's. The AKB operation can be controlled over the I²C Bus; this includes off /on and AKB Gain. With AKB off the Bias and Drive controls can be used to set color temperature. With AKB on, the bias controls set the reference input to the AKB. The AKB circuit generates Red, Green and Blue pulses at the top of the raster. The control loop moves the bias to match these currents to the reference set by the bias controls. In order for the AKB to operate U22300 must recognize the start of Vertical. The Horizontal and Vertical portions of the Blanking input, pin 25, times the AKB interval. The horizontal rate Clamp Key at pin 24 is also used in the timing generation. The AKB output pulse present at Pin 17 is used to blank the Dynamic Focus to prevent contamination.

The **SVM** low-level signal processing is also controlled by the I²C Bus. The SVM timing, gain and parabola correction can be adjusted for different modes or conditions. The **SVM** signal is only present when the **Peaking** is activated. The **SVM** mute threshold is 0.75 Volts on the OSD Fast-switch. The OSD switching occurs at 2.25 Volts. This allows the SVM to turn off before the OSD is displayed and removes OSD before turning SVM back on. This prevents the OSD edges from being modified by the SVM.

Picture Tube Management System

The DTV306 product uses 3 Philips TDA6120Q Integrated Circuits for the Kine drivers, U15101, U15102 and U15103. The overall gain is approximately 38dB (x77) for DTV306. The CRT drivers will be used with 27", 32", 34W, 36" and 38W DV tubes. AKB & Beam Limiting is provided by the Back End Processor, U22300. A current reference for AKB is DC coupled from each IC driver. A current reference for the Automatic Beam Limiter is provided through the High Voltage Circuitry.

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The RGB output section of U22300, the CRT driver circuitry, the ABL circuitry, and the AKB circuitry make up the Picture Tube Management System.

R,G,B bias controls and R(G),B drive controls are available. The R(G) control is a register that controls either the Red or the Green Drive. The Drive that is not being controlled is set to nominal. U22300 also provides an analog AKB system. The low-light color temperature is aligned by adjusting the AKB reference levels.

Afterglow prevention is provided by a grid kick circuit and a Kine driver IC cut-off circuit that operates when there is a decrease in the +12VR supply voltage.

The ABL section of U22300 and its associated circuitry will limit the average beam current through the picture tube to limit HV power.

The AKB system does compensate for Picture Tube leakage current due to the method of DC current addition and restoration.

DTV306 I/O Board Audio Circuitry

Aux. Inputs

The following audio inputs are present as jacks, that are connected electrically to the input switching circuit CMOS switches (U11400, U11401) of the Audio I/O Board. The CMOS switches are controlled by the system micro, in response to customer commands:

Stereo Audio Inputs 1, 2, 3

Three pairs of right/left audio inputs, (J16501, J16502, J16503), each pair clustered with a video input RCA-jack and one S-video jack.

Front Audio/Video Input

Allows a camcorder to be plugged in directly, via a stereo pair of RCA phono jacks. (J26104 on Front A/V board). It has stereo audio capability, and is a selectable audio input. The front A/V board interfaces to the I/O board via differential coupling (U11402) or each channel.

RCA-Jack YUV Stereo Audio

A pair of clustered input jacks (J11403) is used to input stereo audio from YUV digital video/audio source.

NTSC Stereo Audio Inputs

A pair of differential input amplifiers (U11402) are used to accept differential Left and Right NTSC audio signals from the stereo decoder from the DM1 module.

AC-3 Interface (Rt, Lt AC-3 inputs)

Differential amplifier inputs (U11404) and outputs (U11403) are provided for the DTV306.

Volume/Tone Control Function, U11800

This IC contains five main functions:

1. SELECTOR SWITCH
2. STEREO VOLUME CONTROL
3. STEREO SPEAKER FADER CONTROL
4. TONE CONTROLS
5. IIC BUS EXPANDER DIGITAL OUTPUTS
6. MUTING

SELECTOR SWITCH:

This is used to select between the following signals:

1. The selected signal being applied both to the Selected Outputs and the HI FI Outputs, as well as the signal applied to the headphones and speakers.
2. All selected NTSC input signals, coming from the input CMOS switches.

STEREO VOLUME CONTROL:

The volume control is a 1.25dB/step control with approximately 80dB of range. This linear control will be modified (in software) by a volume taper curve so that the volume OSD (on screen display) gives the desired customer "feel". This block also includes speaker fader and bass/treble controls.

SPEAKER FADER

This is utilized for a right/left balance control. It is also used for the Customer Mute function.

TONE CONTROLS

The bass/treble is used as a standard function without graphic equalizers.

IIC bus expander outputs

This pair of outputs is used to control muting of the power amplifier (Speaker Mute) and muting of the Aux. Outputs and headphone amplifier (Aux. and Headphone Mute). Outputs 1 (pin 8) and 2 (pin3), respectively.

MUTING

The main customer MUTE function is accomplished by ramping the volume control down at a rate which will not cause audible pops when a 1khz sine wave tone is present. The proper rate for this is 1 step/ms. In addition, the Speaker Volume should be ramped down at 1 or 2 steps per ms. after the main volume is ramped down.

SRS Function

The SRS[®] (Sound Retrieval System) function is accomplished by filtering, phase inversion, and summing circuits made with U11700 and U11701, and their associated circuitry.

The opamp stage, U11701A, buffers the left channel signal. U11701D inverts the right channel signal. The buffered left and inverted right channel signals are

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summed through R11723 and R11726, then filtered by the RC network consisting of R11712, C11706, R11725, and C11702. The impedance of the filter network is considerably higher than that of the summing resistors, in order to minimize component reactance. The filtered response has a midrange cut of about 10dB. The filtered stereo difference signal is then buffered by U11701B.

The left and right input signals are summed by R11714 and R11735 and form the stereo sum signal. This stereo sum signal is buffered by opamp U11701C.

The SRS difference signal filter function is switched in and out using the CMOS switch, U11702. It is controlled by transistor Q11701. At the same time, the sum signal gain is changed by saturated transistor switch Q11702 connected to CNTL_C of U11702. These switches are controlled in response to the digital "SRS_ON/OFF" signal and "SRS_FOCUS" from the micro.

When the SRS function is turned OFF, the gain and frequency response of both the sum and difference signal are flat, which renders normal stereo channels at the outputs of opamps U11700-A and B.

Compression Function

The compressor function is implemented by software control of the volume control IC U11802, in response to the dc voltage amplitude present at the output of the Compressor Detector circuit, based around opamp U11500. The dc voltage that is present at the detector output is proportional to the peak value of the audio signal. The detector output is connected to an A-to-D converter in the control micro.

Outputs**RCA-Jack Outputs**

Two pairs of RCA-jacks provide two-channel stereo audio from the current program (large picture audio only, no PIP audio available). The "HIFI" output signal, J11301, is first processed by SRS, "Sound Logic" compressor, and TVB control before being passed to the output jacks. The HIFI output amplifier is also the Headphone Amplifier. The "Selected" and "NTSC Selected" output signals are routed straight through from the input switches, and are not processed.

The "Selected Outputs #1", J11300, are selected by the input switching circuit of the TVB IC, U11802, selecting the selected NTSC signals from the input switching circuit, U11400 and U11401. The "NTSC Selected" Outputs (J11302) consist only of NTSC signals from the input switching circuit, U11400 and U11401.

Power Dropout Mute Circuit

Pop-reduction (muting) of the RCA-jack output signals occurs during power on/off by grounding the inputs using bipolar transistors as analog switches. A dedicated circuit (Q11300, Q11302, Q11308 and associated circuitry) responds to both the +5V Standby and +12V run supplies. The standby supply is used to charge a large electrolytic capacitor through a diode. When power drops out the voltage on this electrolytic remains relatively constant for a significantly longer time period than the voltage on the +12V run supply. The stored charge on the +5V standby electrolytic is used to turn on muting transistors Q11901, Q11902 into saturation, this short out the Aux. Out and Headphone Amplifier signals. This muting prevents large-amplitude transient voltages from reaching the inputs to external power amplifiers.

Amplifiers**Headphone Amplifier**

The Headphone Amplifier (U11900) doubles as the HIFI output amplifier. The stereo headphone jack connects to the U11900 outputs, and is located on the Front A/V panel.

The headphone-input signals are muted during power on/off by grounding the inputs using bipolar transistors as analog switches. A dedicated circuit, Q11300, Q11302, Q11308 and its associated circuitry, respond to both the +5V Standby and +12V run supplies. During momentary power outages and during normal power-up/power-down, this circuit drives the headphone amplifier input transistors Q11901, Q11902 into saturation. This muting prevents large-amplitude transient voltages from reaching the inputs to external power amplifiers or to the headphones.

PWM (Pulse-Width-Modulated) Power Amplifiers

The power amplifiers are monolithic IC's (U11901, U11902), which are "PWM" switchmode power amplifiers. Each channel provides nominal 10 watts of power into an 8 ohm loads. No heatsinks are required, as efficiency is greater than 85 %.

PWM Amplifier Operation

A triangle-wave generator operates at approx. 150 kHz. This triangle waveform is applied to one terminal of a high-speed comparator. To the other terminal is applied the analog signal to be converted to PWM. The output of the comparator is PWM. This PWM signal is applied to a push-pull output stage.

In order to realize the power-saving advantage of the PWM design, the PWM waveform must be integrated before being applied to the resistive speaker load, otherwise full power will be delivered to the load at all times, even when there is no audio input signal present. A

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two-pole L/C lowpass filter is set to 15khz to remove the high frequency components of the signal.

Negative feedback is picked off at the filter output and applied to the appropriate upstream node to reduce distortion and output impedance.

Mute/standby operation

Power amp muting circuitry consists of Q11906 and its associated circuitry. The muting circuit responds to control signals from the TVB IC, U11800, pin 8, which is controlled by the IIC bus.

Speaker Outputs

The stereo power amplifiers connect to either external speakers or internal speakers, depending on setting of

EXTERNAL/INTERNAL DPDT speaker selector switch. This electromechanical switch is located on the rear panel of the I/O board for customer access. In the "EXTERNAL" position, the main power amplifier outputs are connected to the External Speaker jacks. In the "INTERNAL" position, the main power amplifier outputs are connected to the internal speakers.

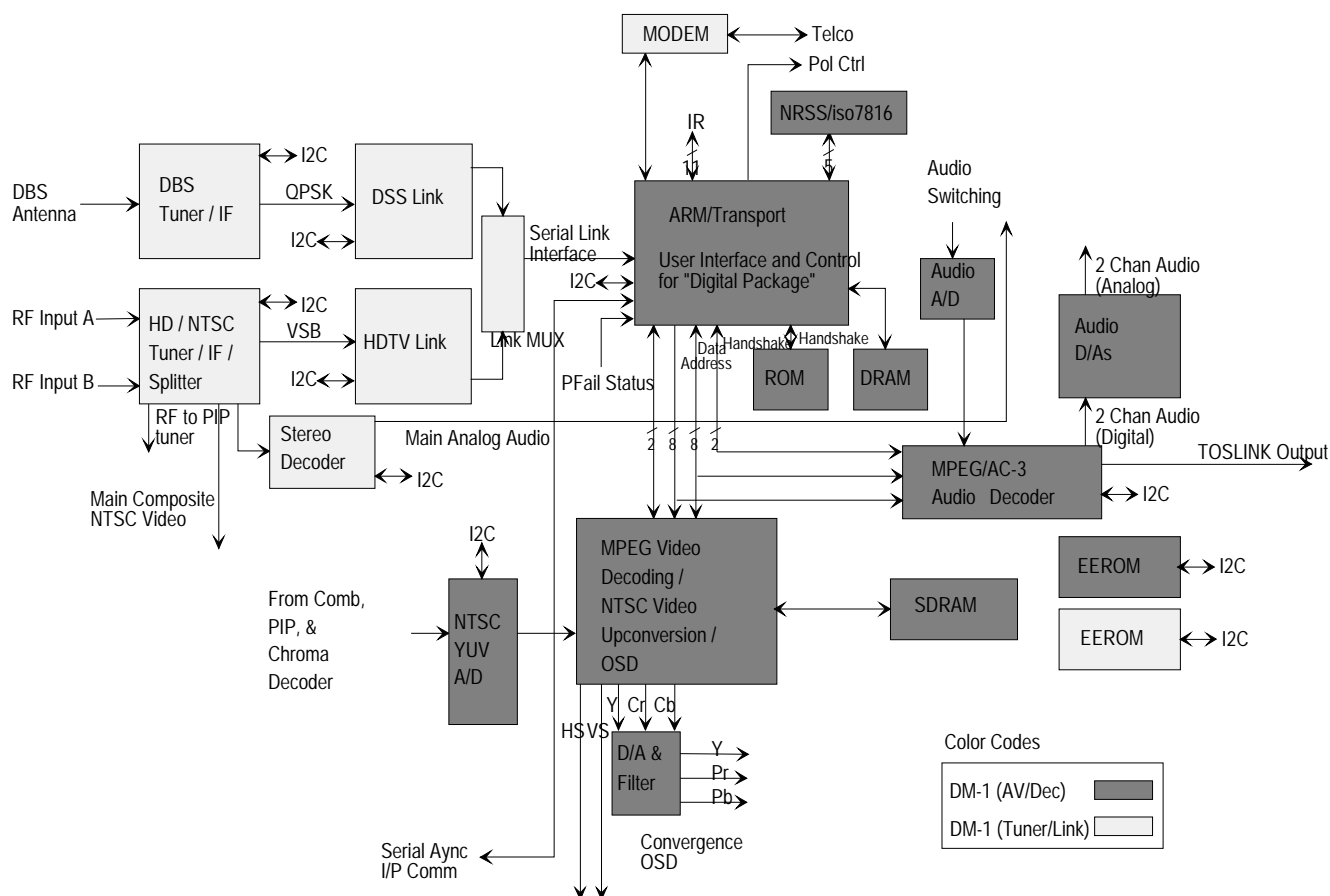
AVR (Automatic Volume Reduction)

The AVR function is used to protect the loudspeakers from excessive power levels. A level detector circuit (Q11904 and related circuitry) provides a two-state digital signal, the state depending on the output voltage amplitude from the power amp. The digital signal is connected to one of the inputs of the system control microprocessor, where its state is polled by the system microprocessor.

DM1 MODULE

The DM1 module in the DTV306 is used to process the various types of Digital and Analog signals present in today's broadcast world. It can decode digital audio and video from Direct Broadcast Satellite (DBS) and terrestrial ATSC Digital Television (DTV) transmissions.

It can also digitize the analog audio and video from standard NTSC sources, such as cable and terrestrial broadcasts. The DM1 includes an integral control-system, user-interface and on-screen display (OSD) functionality.



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Video is up-converted and output as analog YPrPb (Y, IQ for NTSC sources) at 2H for NTSC signals and 2.14H for digital video signals in one of the following formats:

video source	output format	vertical rate
high-definition MPEG	1920 x 1080i	29.97/30 Hz
standard-definition MPEG	1920 x 540p	59.94/60Hz
analog NTSC	1920 x 480p	59.94/60Hz

Audio processing includes full 5.1-channel AC-3 decoding, Pro-logic decoding and down mixing. Audio is output as analog baseband signals, as an optical AC-3 digital signal, and as an optical uncompressed digital PCM signal.

NTSC Tuner (DM1)

The main NTSC tuner in the DTV306 is included in the DM1 module. The DM1 DTV/NTSC tuner is a single conversion, electronically aligned tuner that is based on the CTC197 cable tuner design. Design changes were made to improve cross-modulation, UHF image rejection, and local oscillator phase noise performance. Performance is tailored to handle the predicted signal environment during transition to digital terrestrial television (HDTV) service as well as providing “cable ready” performance as specified by the FCC. This tuner resides on the tuner/link board within the DM1. The tuner in the DM1 is preceded by a RF switch/splitter that sends the RF to the DM1 Tuner and to the PIP Tuner (Second Tuner).

The tuner IF output drives both a digital IF (HDTV processing path) and an analog IF (NTSC processing path).

Digital IF (DM1)

The digital IF converts IF frequencies to near base band frequencies. It is designed for use with systems receiving QAM data transmissions. It also includes a RF AGC for the tuner and accepts an external AGC line to control its output amplitude.

The combination of SAW filters, buffer and amplifiers are designed to provide maximum adjacent channel attenuation, while preserving the desired passband characteristics.

NTSC IF (DM1)

The NTSC IF is active for reception of analog television signals, and inactive during the reception of digital (HDTV or DBS) television signals. There are two separate channels, PIF and SIF, for the picture and sound signals.

Stereo Decoder (DM1)

The stereo decoder is designed to decode MTS broadcast stereo. Functions include stereo demodulation and SAP (Separate Audio Program) demodulation. The stereo demodulator is a true MTS decoder, containing a dbx® expander that processes the compressed broadcast stereo difference signal.

A quad op-amp IC is used to convert the left and right channels to balanced differential outputs. This is done to minimize EMI susceptibility, particularly 2H flyback pulses, that are likely to be picked up in the relatively long interface cable between the stereo decoder outputs and the power amplifier inputs.

A/D HDTV (DM1)

The analog to digital conversion sub-system (A/D) of the HDTV system is responsible for converting the VSB modulated near-baseband output of the digital IF down-converter to a 10 bit wide digital signal, to be decoded by the VSB Link sub-system. The analog input shall be AC coupled, and the A/D subsystem will provide its own independent biasing for proper DC input level.

VSB Link Subsystem (DM1)

The VSB Link subsystem is responsible for demodulating and decoding 8 VSB signals that have been down-converted to near-baseband and then digitized by the A/D subsystem. The VSB Link IC accepts 10 bit wide data bus from the A/D subsystem and contains circuitry for digital demodulation, FEC decoding, and serial output of the decoded data. The VSB Link IC also controls AGC and symbol timing functions through control of external analog circuits.

DBS LINK subsystem (DM1)

The Link subsystem contains the circuitry required to demodulate, correct errors, and output data received from the satellite signal. In particular, the Link subsystem contains the Satlink IC and some small amount of analog circuitry needed for AGC control and clock generation. The Satlink performs A/D conversion, digital demodulation and error correction.

YPrPb Output (DM1)

The video D/A converter receives from the HD MPEG decoder an 81 MHz clock signal and three video data signals (Y, Cr, Cb), each on an 8 bit bus. (Cr and Cb are scaled versions of color difference signals (R-Y) and (B-Y) respectively. When converted to analog signals they are called Pr and Pb.) The D/A converter outputs analog

CIRCUIT OVERVIEW

Y, Pr and Pb signals that are low-pass filtered before further processing.

In the DM1 the Y, Pr and Pb signals are converted from single-ended to differential form by three dual operational amplifiers, which provide positive and negative polarity output signals. Other outputs are buffered H drive, V drive and OSD active signals from the HD MPEG decoder.

Video Digitizer triple A/D converter (DM1)

The main component of the video digitizer combines the functionality of a triple ADC and a clock sync generator. The Video Digitizer circuitry consists of a single IC containing three separate 8-bit analog to digital converters for processing standard (YPrPb) NTSC analog video applications. The digitizer also contains the necessary clock generating and sampling circuits for proper sampling clock and sync signal creation during the A/D conversion. The sampling rate of conversion is 27 MHz.

AC3/MPEG/PCM AUDIO AND ANALOG INPUT/OUTPUTS (DM1)

The audio decoder is a general purpose DSP IC with ROM specific to the HDTV program. It obtains compressed packets of input data from the ARM Transport or non-compressed PCM data from the audio A/D converter. The processed data is then sent to the D/A converters via the Serial Audio Interface.

The audio decoding modes supported are:

- 1) DSS stereo MPEG-1 layer 2 elementary stream with system layer syntax for PTS.
- 2) DSS multi-channel AC-3 elementary stream with MPEG-2 PES for PTS.
- 3) HDTV multi-channel AC-3 elementary stream with MPEG-2 PES for PTS.
- 4) NTSC stereo A/D input with a time delay to compensate for video 1Fh to 2Fh conversion delays.

Additionally to the above listed audio decoding modes, Pro Logic decoding can be performed on two-channel sources to generate multi channel output.

The optical digital audio output is known as "TOSLINK". The optical transmitter can drive a 5M or 10M cable depending on the receiver module sensitivity. The format of the optical output can be either compressed AC-3 data or non-compressed PCM data.

POWER SUPPLY (DM1)

The power supply used for the DM1 is a flyback-type, current-mode controlled, zero voltage switching (ZVS) topology utilizing a discrete control circuit and cold-side regulation. The circuit is functionally similar to those used for other digital box applications, but has incorporated post-regulators for the 3.3 volt, 12 volt, and -5 volt supplies to provide adequate regulation for large load variations and to reduce the ripple content of the supplies.

The 21 volt output supplies the LNB switch mode post regulator that has a selectable output voltage. The Output voltage ranges for RHCP selected are 11.75 V to 14.0 V, 13.5 volts nominal, and for LHCP selected, 16.75 V to 21.0 V, 18.5 volts nominal. The LNB output voltage is determined by a logic level input. RHCP is selected with a logic LOW on the LNB_CTL pin and LHCP is selected with a logical HIGH. The 21 volt output also supplies the fan output through a series zener diode.

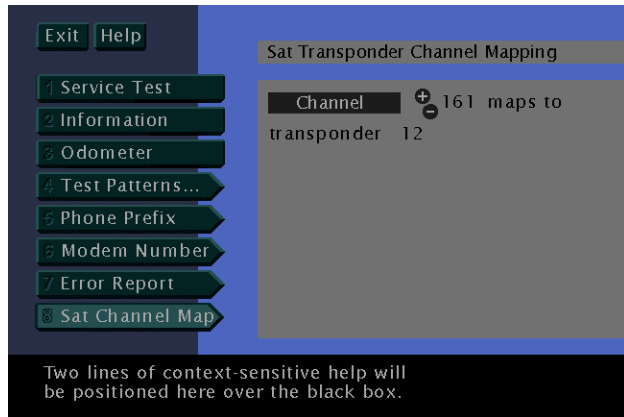
A three-terminal error amplifier IC senses the 5 volt supply and provides feedback to the control circuit through an optoisolator. A power-fail signal is provided to provide advance warning of an imminent supply voltage dropout.

DM1 SERVICE MENU OVERVIEW

DM1 Service Menu

The service menu is activated by simultaneously pressing **DOWN + MENU/OK** on the FPA of the DTV306.

This menu contains all the commands used by service personnel to diagnose a problem with the unit, and a Test Pattern option to support ATSC troubleshooting.



DM1 Service Menu

Service menu elements

- Service Test** - Tests the system and places text results in the display area on the right-hand side of the screen. See more details below.
- Information** - Displays IRD Number, ROM version, Verifier/CAM and CAMID information on the right-hand side of the screen.
- Odometer** - Odometer displays: Activation Date is written in memory when the DIRECTV time is acquired for the first time. In Service Counter indicates the number of hours that the system has been under power (not just turned on). This is updated every hour. This is not reset to 0 when the EEPROM is cleared with the EEPROM resetting function.
- Test Patterns** - Transfers to the "Test Patterns..." menu. These test patterns are specific to ATSC.
- Channel Hold** - Sets the channel the system will tune to under certain conditions. See details below.
- Power Lockout** - Prevents the system from being turned off. In the event primary power to the system is interrupted, the system would be placed back into the same state as before primary power was interrupted—The radio button list is:
- Power Locked
 - Power Unlocked -- default
- If the user tries to turn off the receiver, then the following message is displayed in the context-sensitive help area: "Power Lockout feature enabled. Unable to turn off system."

Phone Prefix Allows service personnel to enter a 1-digit number to access an outside line and a Call Waiting disable code.

Modem Number - Allows service personnel to enter an 11-digit phone number to be used during the System Test.

Error Report See description below.

(Sat Channel Map) - Depending on which option is chosen in the choice field, this displays all channel numbers associated with entered transponder number or displays the transponder number associated with a channel. The path button is hidden -- see below for how to summon the button.

Help Transfers to context-sensitive help screen.

Exit Exits the Service menu and returns to video.

Service Test

The tests performed by Service Test are as follows:

AV&TL:

The AVDEC and TL (TunerLink) boards have EEPROM locations that hold unique identifiers. The identifiers are unique for each board. The new line title: AV&TL, stands for "Audio/Video and Tuner/Link". The first number is the AVDEC identifier and the second one is the TL board identifier. The AVdec board number is derived from many different pieces of information, including the serial number, mixed together using a complex algorithm.

ROM

The first 4 characters are the "software model number". The next characters are the software revision:

- first letter(s) are prefix
- next 2 digits are minor version number
- last 2 digits are major version number.
- If there is a valid patch, then its ID is displayed as 4 characters.

An "M" character is displayed if Macrovision is enabled.

A "C" character is displayed if colorburst is enabled.

Example: 0400 AT02.40 M C: "The software model number is 400; the software version is AT02.40; there is no valid patch downloaded; Macrovision and Colorburst are enabled."

VERIFIER/CAM

The information on this line comes from the verifier software. The first number is the verifier software version. The next number is the CAM version.

CAM ID

The information on this line comes from the verifier software. It should display the same number as is written on the CAM itself.

DEMODO SIGNAL

DEMODO SIGNAL test: if the system is tuned to a BSS or HD-SAT signal, the signal strength between 0 and 100 is given. If not, the data is irrelevant. **Note:** You can get the ATSC signal strength in other screens.

DM1 SERVICE MENU OVERVIEW

CHECKSUM

The following three 16-bit checksums are displayed:

I: internal ARM ROM checksum

H: checksum on the 2 highest megabytes of flash

L: checksum on the 2 lowest megabytes of flash

EEPROM

The AVDEC and Tuner EPROM's are checked. In the tuner EEPROM, all bits are written to twice and read back. In the AVDEC EEPROM 2 bytes in different locations of the EEPROM are tested. The screen will show for each EEPROM "OK" or "KO".

SYSTEM RAM

The transport, external and cache ram, is fully tested.

VIDEO DRAM

The whole video DRAM is tested. Video decoding will resume normally once the test is complete.

MODEM

This test will call the phone number entered in the modem number menu. If no number has been entered, a reduced set of tests is performed. From reading the code, the internal modem tries to connect to the remote modem, performs a loop-back test, sends modem diagnostic information to the remote modem, and performs a service test loop-back.

PHONELINE LEVEL

Displays the voltage read on the phone line.

DIAL TONE

It looks to see if a dial tone is detected, the line displays whether the dialing method is DTMF or pulse.

CB HISTORY

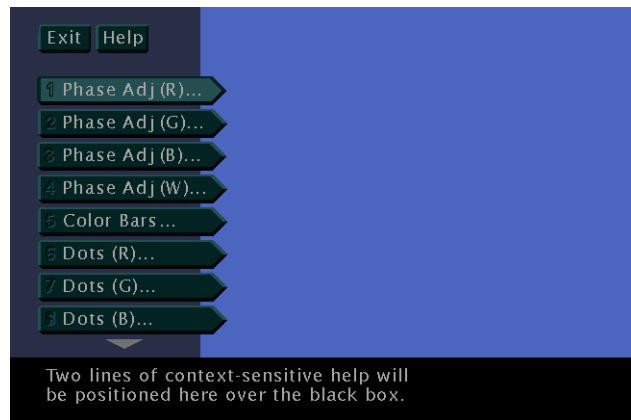
Five bytes indicating diagnostics for the last 5 calls attempted.

Test Patterns

The Test Patterns are nine patterns that can be selected and displayed for service diagnosis and evaluation. If a test pattern is selected, it has **no** time-out (i.e., it is displayed as long as the system is on) but it can be cleared by pressing any key on the remote control. When cleared the user will be returned to the Test Pattern menu.

Test Patterns Menu Items:

- 1 Phase Adj (R)
- 2 Phase Adj (G)
- 3 Phase Adj (B)
- 4 Phase Adj (W)
- 5 Color Bars
- 6 Dots (R)
- 7 Dots (G)
- 8 Dots (B)
- 9 Raster



Service Menu - Test Patterns

Channel Hold

Channel Hold permits the system to receive supplemental program data. How and when the data is received is determined by the menu settings. Channel Hold only affects the Main picture. The Channel Hold input can be set to any one of the following: *DIRECTV*, *Antenna A*, *Antenna B*, *VID1*, *VID2*, *VID3*, *FRNT*, *CMPNT* by highlighting the toggle field and repeatedly pressing OK until the desired option is displayed. If "Antenna A", "Antenna B", or "DIRECTV" is selected, then the user can enter a channel number in the channel entry field. The channel entry field has 2 three-digit channel entry fields for "Antenna A" or "Antenna B" that allow a main channel and/or sub-channel to be entered. If a video input is selected no channel number entry field appears. If "DIRECTV" is selected, then one four-digit channel entry field is displayed that allows a channel to be entered.

Channel Hold has 3 timer settings "At Power On", "Always", and "After 5 Min.". The setting is selected by highlighting the toggle field and pressing OK until the desired option is displayed. When "At Power Off" is selected, the system tunes to the selected channel when the system is turned off. This permits the system to receive supplemental data when the user is not viewing a program. If "Always" is selected, the system is locked to the specified channel and the channel cannot be changed. Program Guide timeouts are also disabled to facilitate creation of a guide channel using a dedicated receiver. When "After 5 Min." is selected, the system will automatically return to the selected channel after 5 minutes has elapsed between remote control keypresses (this setting is for showroom floor use).

Once selections have been made pressing the "Done" button enables the feature immediately and stores the settings in EEPROM. If the "Clear" action button is selected, it restores normal channel selection by disabling the Channel Hold setting and clearing the channel entry area(s) with dashes.

DM1 SERVICE MENU OVERVIEW

If Channel Hold is set to "Always", it is possible to turn the system on with the remote control only with the device button that corresponds to the system (TV or DIRECTV) chosen for the Channel Hold. For example, if the Channel Hold has been set to "Tune to DIRECTV Channel 601 Always", pressing TV on the remote will not turn the HDTV on. There is no device restriction if "After 5 Min." or "At Power Off" settings are selected.

If Channel Hold is set up for "Antenna A", then switching to "Antenna B" shall be prohibited and vice-versa. When the Channel Hold feature is enabled access to the user of some screens is disabled (Antenna Info, Channel Search, Signal Source, pressing Antenna key on the remote).

Power Lockout

Prevents the unit from being turned off. In the event primary power to the receiver is interrupted, the receiver would be placed back into the same state as before primary power was interrupted, i.e., the receiver would tune to a channel or display the guide. The default is power unlocked.

Phone Prefix

Allows service personnel to enter a 1-digit number to access an outside line and a Call Waiting disable code. "Call Waiting Disable" allows service personnel to enter four digits to disable call waiting. The user can either enter the digits directly using the 0-9 keys on the remote control, or they can cycle through the numbers and the # and * keys using the up and down navigation arrows.

Modem Number

Allows service personnel to enter an 11-digit phone number to be used during the System Test.

Error Report

When an error occurs in the DM, some information about this error is stored in EEPROM. The list of errors that have

information logged (archived) is limited to 3. The information stored is date/time of occurrence, error code, module ID, function ID and spot ID. The date/time and error code are displayed on the screen. The error code has the module ID embedded in it so the last 3 fields do not need to be displayed on screen. When an error occurs in the TV, information about this error is sent to the DM micro through the ICP link and the same kind of information is stored in EEPROM.

Three errors are stored for the TV and 3 for the DM. The first, second and last errors are stored. When the system is shipped from the factory, the EEPROM error fields have been cleared through the "reset shipping defaults" command. The screen has a "Clear All" button on it that allows these fields to be cleared.

Transponder Channel Mapping

The Sat Channel Map function is hidden within the Service Menu. In order to access it, the "Error Report" button needs to be highlighted, and then press "8" on the remote control. The "Sat Channel Map" button will appear highlighted and the Sat Channel Map display area will appear on the right. The "Sat Channel Map" button will insert itself between Modem Number and Error Report.

With the Transponder Channel Mapping function, the user can enter a transponder number and the corresponding channels will be displayed, or the user can enter a channel number and the corresponding transponder will be displayed. The "Channel/Transponder" field is also a choice field so pressing **OK** toggles between "Channel" and "Transponder". "Channel" is the default choice, and should display the current channel number if this information is available. When entering a channel number, *three* input boxes are visible.

DEFLECTION/POWER SUPPLY TEST POINT LOCATIONS

Field Service Test Points (Top Side)

TP	Name	Description	Location	Zone	Circuit Area	Notes
TP14201	Raw B+	Unregulated DC	JW14203	HH28	AC IN	
TP14202	Hot Ground	Low side hot ckt	U14100 heatsink	BB28		
TP14101	+24v	Regulated DC	CR14110-cathode	EE19	Sec Supply	
TP14102	+76v	Main Reg. DC	JW14802	FF16	Sec Supply	
TP14103	-15v	Regulated DC	CR14129-anode	FF19	Sec Supply	
TP14104	+15v	Regulated DC	JW14101	JJ20	Sec Supply	
TP14105	+12v	Post Reg. DC	JW14605	RR27	Sec Supply	
TP14106	+35v	Audio Power	across JW14107 & JW14121	GG19	Sec Supply	
TP14107	+5vs	Regulated DC	RT14602	PP29	Standby Supply	
TP14108	+33v	Regulated DC	R14628 jct P14601-2	TT23	Standby Supply	
TP14109	-12v	Regulated DC	CR14603-anode & jct P14601-1	TT23	Standby Supply	
TP14110	Main ZVS Switch	Retrace like 700Vpp variable Frequency Pulse	JW14118	BB27	Main ZVS	
TP14601	Standby ZVS Switch	Retrace like ~300Vpp variable Frequency Pulse	Q14601-drain [Tab]	JJ26	Standby Supply	
TP14111	On/Off	High=ON	JW14102	HH23	Main ZVS	
H-YOKE	Horiz Scan Pulse	Retrace voltage 1300Vpp @ operating Freq	Red Wire on Yoke	N/A	Scan Gen	
V-YOKE	Vert Scan Pulse	Vert retrace	Green Wire on Yoke	N/A	Vertical	
TP14801	Scan B+	Pin modulated "DC" varies with width and Freq Mode	BC14802 [R14803]	EE14	Scan PS	~68v Mode 0
TP14802	S-cap Switch 1H	no ac waveform mode0 [1H]	R14464 jct with Q14455-drain	PP15	Scan Gen	
TP14803	S-cap Switch 2H	no ac waveform mode3 [2H] & mode0 [1H]	R14463jct with Q14454-drain	RR15	Scan Gen	
TP14701	Dynamic Focus	Horiz parabola modulated by Vertical parabola	R14735 end towards Focus	UU5	Dyn Focus	
TP14804	Scan ZVS switch	Retrace like 500Vpp variable Frequency Pulse	Q14800-drain	CC13	Scan PS	only on in monitor modes
Choke Board	HVR B+	Varying DC with Mode and Beam	Choke Board L24601-7	N/A	HVR PS	~100v in 1H/2H ~140v in 2.4H
Choke Board	HVR Retrace	Retrace 800Vpp variable Frequency Pulse	Choke Board L24601-3	N/A	HVR Gen	
TP14704	HVR PS Gate Drive	12v PWM	Jct R14762 & R14764	CC6	HVR PS	
TP14705	HV Generator Gate Drive	12v Square Wave	Q14700-gate	LL7	HV Gen	
TP14706	HVR PS Switch	100vpp PWM	FB14701 & Q14751-drain	EE7	HVR PS	
TP14707	2H PLL output	10v square wave	CR14702-cathode	NN6	HV Gen	
TP14708	+205v supply	CRT DC supply	CR14707-cathode	HH4	HVR PS	
TP14709	Beam Limiter [ABL]	voltage varies with beam	C14700 jct R14700	RR5	HV Gen	
TP14709	Beam Limiter [ABL]	voltage varies with beam	C 14700 jct R 14700	RR5	HV Gen	
TP14301	H DR	horiz square wave	JW14301	RR16	Scan Gen	

DEFLECTION/POWER SUPPLY TEST POINT LOCATIONS

TP	Name	Description	Location	Zone	Circuit Area	Notes
TP14805	ZVS Ref	5v reference	CR14802-cathode	BB1 3	Scan PS	
TP14806	Sum Point	- 9v	R14810 & C14807 jct	BB9	Scan ZVS	
TP14807	76vr	secondary supply	R 14837 & Q14809-emitter jct	DD11	Scan ZVS	
TP14808	SP out	Series Pass Out	CR14809-Anode	DD15	Series pass	
TP14809	Scan Pul	horiz sec pulse	JW14408	II11	Series pass	
TP14501	Vert Ref Vout B	1 vpp ramp	high side of R14506	0018	Vertical	
TP14502	Vert Current Sense	2vpp ramp	f R14508	NN19	Vertical	
TP14503	Vertical Supply Plus		CR14501-cathode	PP20	Vertical	
TP14504	Vertical Supply Minus		JW14504	NN20	Vertical	
TP14505	-COMP BLANK		JW14411	UU20	blanking	
TP14506	DYN_FOC_BLANK		CR14705-cathode		Dyn Focus	
TP14350	+8VR	regulator output	U 14355-3		Ps	
TP14351	12C - DAT R2	R2 Bus	U 14354-5		Bus	
TP14352	12C CLK R2	R2 Bus	U 14354-6		Bus	
TP14353	VERT SYNC	V sync active HI	U 14350-12		Sync	
TP14354	Line Locked Clock	Line Locked Clk	U 14350-14		PLL	
TP14355	2H SELECT	Hi in 2H+ mode	U 14350-5		Mode Selection	
TP14356	H-PULSEA	Scan retrace pul	CR241 00-anode		Phasing	
TP14357	HORIZ SYNC	H sync active HI	R 14536 at U14351-14 jct		Sync	
TP14358	+9.6V	~9.6Vdc	R 24814 at U24801 jct		PS	
TP14359	1H SW	active HI in 1 H	U24800-12		Mode Selection	
TP14360	Phase Det B+	5.1 v	CR14550-cathode		Ps	
TP14361	FIRST LOOP-OUT	Pulse	U 14351-3		PLL	
TP14362	Phase Det Out	Pulse 2.5 V avg	U 14351-13		PLL	
TP14363	VCO IN	1.26 V typical	R 14565 at R14555 jct		PLL	
TP14364	OP AMP +SUPPLY	+12v	R 14854 at U1 4352-8 jct		PS	
TP14365	WIDTH REF	DAC align	U 14352-1			
TP14366	OP AMP-SUPPLY	-1 3v	U 143,52-4		Ps	
TP14367	+5.1 V	EEPROM B+	CR14350-cathode		PS	
TP14368	H OUT	square wave	R 14309 at R 14302 jct		H drive	
TP14369	+12v	+12vr	CR14301-anode		Ps	
TP14370	Q14300 OUT	square wave	R 14308 at Q14303/Q14300 Jct		H drive	
TP14371	1H VCC	active HI in 1H	P14406-9		Mode Selection	
TP14372	-SCAN LOSS I NT	Active Low	P144065,18		uC Interface I	

REPLACEMENT PARTS**BEFORE REPLACING PARTS, READ THE FOLLOWING:**

Approved Substitute Stock Numbers - Before ordering stock numbers in the part list, look for an approved substitute stock number in the current Price Schedule. This will minimize your service time and avoid ordering parts you already have in stock.

PRODUCT SAFETY NOTE: Components marked with a critical safety symbol have special characteristics important to safety. Before replacing any of these components, carefully read the **PRODUCT SAFETY NOTICE** in the basic service data. Do not degrade the safety of the set through improper servicing. Although assemblies as a whole may not be marked with a critical safety symbol, replacement of assemblies with other assemblies not approved may result in a safety hazard.

 Critical Safety Symbol

● Not Eligible For Warranty

Warranty Status of Assemblies and Parts - All assemblies and components shown in this part list are eligible for warranty exchange or replacement except those with a dot shown to the left of the Description. Assemblies and components with a dot to the left of the Description are NOT eligible for warranty exchange or replacement.

Warranty replacement of cabinet parts requires the approval of a Thomson Consumer Electronics Field Service Manager.

Warranty Status and Specifications of assemblies and components are subject to change without notice. Consult the TCE Parts Pricing Microfiche for the latest warranty status information.

@NOTE: When ordering components that are listed more than once in this part list, always adhere to the serial number application guidelines given in the description column. If a serial number application guideline is not given, always select the component with a value, rating, other specification or identification marking(s) that match those of the corresponding component in the instrument you are servicing.

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
<u>Common Circuit Parts</u>							
A/V IN JACKS							
C16301	220998	XX60438-930	CAP LYTC 1UF M 100V (CB)	C16328	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)
C16302	200537	XX50882-230	CAPCC 10PF J NPO 50V (CB)	C16329	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)
C16303	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)	C16330	182466	XX90578-090	CAP LYTC 330UF M 6.3V (CB)
C16304	194903	XX60441-080	CAPCC 22PF J NPO 50V (CB)	C16331	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)
C16305	194903	XX60441-080	CAPCC 22PF J NPO 50V (CB)	C16332	192049	XX40435-190	CAPCC 82PF J NPO 50V (CB)
C16306	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)	C16333	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)
C16307	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)	C16334	182466	XX90578-090	CAP LYTC 330UF M 6.3V (CB)
C16308	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)	C16335	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)
C16309	200537	XX50882-230	CAPCC 10PF J NPO 50V (CB)	C16336	182466	XX90578-090	CAP LYTC 330UF M 6.3V (CB)
C16310	197604	XX11058-640	CAPCC 27PF J NPO 50V (CB)	C16337	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)
C16311	192049	XX40435-190	CAPCC 82PF J NPO 50V (CB)	C16338	182466	XX90578-090	CAP LYTC 330UF M 6.3V (CB)
C16312	192057	XX70430-040	CAPCC 91PF J NPO 50V (CB)	C16339	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)
C16313	197604	XX11058-640	CAPCC 27PF J NPO 50V (CB)	C16340	189979	XX80434-350	CAP LYTC 47UF M 25V (CB)
C16314	192057	XX70430-040	CAPCC 91PF J NPO 50V (CB)	C16341	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)
C16315	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)	C16342	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)
C16316	214032	XX30938-720	CAPCC 150PF J NPO 50V (CB)	C16343	192049	XX40435-190	CAPCC 82PF J NPO 50V (CB)
C16317	198689	XX11059-340	CAPCC .01UF M X7R 50V (CB)	C16344	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)
C16318	156239	XX30935-880	CAP LYTC 10UF M 63V (CB)	C16345	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)
C16319	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)	C16346	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)
C16320	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)	C16347	200537	XX50882-230	CAPCC 10PF J NPO 50V (CB)
C16321	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)	C16348	194902	XX50882-370	CAPCC 120PF J NPO 50V (CB)
C16322	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)	C16349	214032	XX30938-720	CAPCC 150PF J NPO 50V (CB)
C16323	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)	C16350	197600	XX11059-320	CAPCC 1000PF K X7R 50V (CB)
C16324	214728	XX80434-330	CAP LYTC 100UF M 10V (CB)	C16351	220998	XX60438-930	CAP LYTC 1UF M 100V (CB)
C16325	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)	C16352	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)
C16326	214028	XX30938-680	CAPCC 18PF J NPO 50V (CB)	C16353	214032	XX30938-720	CAPCC 150PF J NPO 50V (CB)
C16327	222008	XX15041-170	CAPCC .1UF K X7R 25V (CB)	C26101	220998	XX60438-930	CAP LYTC 1UF M 100V
				C26102	220998	XX60438-930	CAP LYTC 1UF M 100V
				C26103	156239	XX30935-880	CAP LYTC 10UF M 63V
				C26104	156239	XX30935-880	CAP LYTC 10UF M 63V

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
C26105	222008	XX15041-170	CAPCC .1UF K X7R 25V
C26106	156239	XX30935-880	CAP LYTC 10UF M 63V
C26107	156239	XX30935-880	CAP LYTC 10UF M 63V
C26111	222008	XX15041-170	CAPCC .1UF K X7R 25V
CIR	248524	XX15528-360	● CIRCUIT FRONT A/V IN CBA (GCB)
CIR	248523	XX15528-310	● CIRCUIT, FRAME COMB (CB)
CIR	248019	XX15433-740	CIRCUIT A/V IN (CB)
CR16301	232709	XX15577-300	DIODE (CB)
CR16302	236654	XX15043-240	DIODE, LED(RED) (CB)
CR26101	232710	XX15080-480	DIODE, ZENER 6.8V .5W
CV16301	248543	XX15340-78A	● COVER, TOP & BOTTOM (CB)
CV16302	248543	XX15340-78A	● COVER, TOP & BOTTOM (CB)
FB16301	215546	XX10045-070	BEAD (CB)
FB16302	226467	XX50895-750	BEAD (CB)
FB16303	215546	XX10045-070	BEAD (CB)
FB16304	215546	XX10045-070	BEAD (CB)
FB16305	215546	XX10045-070	BEAD (CB)
J16301	242896	XX15204-720	CONNECTOR, 10-PIN (CB)
J26101	242851	XX15204-730	⚠ CONNECTOR, 12-PIN
J26102	243925	XX20479-230	CONNECTOR, 10-PIN
J26104	243610	XX15287-120	JACK, PHONO: 3-POSITION
J26105	243953	XX15311-010	JACK, HEADPHONE
JC16301	205408	XX80440-510	RES CMF 1/10W 0% 0R (CB)
JC16302	205408	XX80440-510	RES CMF 1/10W 0% 0R (CB)
JC16303	205408	XX80440-510	RES CMF 1/10W 0% 0R (CB)
JC16304	205408	XX80440-510	RES CMF 1/10W 0% 0R (CB)
JC16305	205408	XX80440-510	RES CMF 1/10W 0% 0R (CB)
L16302	243675	XX14009-140	COIL, 10UH (CB)
L16303	243675	XX14009-140	COIL, 10UH (CB)
L16304	238094	XX14006-840	COIL, 15UH (CB)
L16305	195713	XX11066-650	COIL, 47UH (CB)
L16306	238094	XX14006-840	COIL, 15UH (CB)
L16307	195713	XX11066-650	COIL, 47UH (CB)
L16308	195713	XX11066-650	COIL, 47UH (CB)
L16309	195713	XX11066-650	COIL, 47UH (CB)
L16310	235445	XX50890-840	COIL, 10UH (CB)
L16311	243499	XX14041-780	COIL, 12UH (CB)
L16312	243499	XX14041-780	COIL, 12UH (CB)
L16313	243892	XX14006-820	COIL, 5.6UH (CB)
L16314	243672	XX14009-130	COIL, 4.7UH (CB)
Q16301	216434	XX11070-770	TRANSISTOR (CB)
Q16302	215496	XX30946-660	TRANSISTOR (CB)
Q16303	216434	XX11070-770	TRANSISTOR (CB)
Q16304	215496	XX30946-660	TRANSISTOR (CB)
Q16305	215496	XX30946-660	TRANSISTOR (CB)
Q16306	216434	XX11070-770	TRANSISTOR (CB)
Q16307	215496	XX30946-660	TRANSISTOR (CB)
Q16308	216434	XX11070-770	TRANSISTOR (CB)
Q16309	215496	XX30946-660	TRANSISTOR (CB)
Q16310	215496	XX30946-660	TRANSISTOR (CB)
Q16311	215496	XX30946-660	TRANSISTOR (CB)
Q16312	215496	XX30946-660	TRANSISTOR (CB)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
Q16313	216434	XX11070-770	TRANSISTOR (CB)
Q16314	216434	XX11070-770	TRANSISTOR (CB)
Q26101	216434	XX11070-770	TRANSISTOR
Q26102	215496	XX30946-660	TRANSISTOR
Q26103	216434	XX11070-770	TRANSISTOR
R16301	218508	XX70434-200	RES CMF 1/10W 5% 100R (CB)
R16302	202585	XX40438-150	RES CMF 1/10W 2% 510R (CB)
R16303	205337	XX50886-420	RES CMF 1/10W 2% 360R (CB)
R16304	205337	XX50886-420	RES CMF 1/10W 2% 360R (CB)
R16305	194926	XX90574-240	RES CMF 1/10W 2% 470R (CB)
R16306	218508	XX70434-200	RES CMF 1/10W 5% 100R (CB)
R16307	218508	XX70434-200	RES CMF 1/10W 5% 100R (CB)
R16308	194926	XX90574-240	RES CMF 1/10W 2% 470R (CB)
R16309	194926	XX90574-240	RES CMF 1/10W 2% 470R (CB)
R16310	195929	XX11066-240	RES CMF 1/10W 2% 330R (CB)
R16311	194926	XX90574-240	RES CMF 1/10W 2% 470R (CB)
R16312	192100	XX20471-950	RES CMF 1/10W 5% 1K (CB)
R16313	194926	XX90574-240	RES CMF 1/10W 2% 470R (CB)
R16314	192084	XX50886-630	RES CMF 1/10W 5% 100K (CB)
R16316	192097	XX30944-170	RES CMF 1/10W 2% 4.7K (CB)
R16317	192084	XX50886-630	RES CMF 1/10W 5% 100K (CB)
R16318	192100	XX20471-950	RES CMF 1/10W 5% 1K (CB)
R16319	218508	XX70434-200	RES CMF 1/10W 5% 100R (CB)
R16320	205308	XX30944-250	RES CMF 1/10W 5% 10R (CB)
R16321	192097	XX30944-170	RES CMF 1/10W 2% 4.7K (CB)
R16322	192089	XX70434-060	RES CMF 1/10W 2% 220R (CB)
R16323	205308	XX30944-250	RES CMF 1/10W 5% 10R (CB)
R16324	246465	XX70434-290	RES CMF 1/10W 5% 220K (CB)
R16325	205364	XX50886-460	RES CMF 1/10W 2% 47K (CB)
R16326	192096	XX80440-390	RES CMF 1/10W 5% 2.2K (CB)
R16327	192100	XX20471-950	RES CMF 1/10W 5% 1K (CB)
R16328	194926	XX90574-240	RES CMF 1/10W 2% 470R (CB)
R16329	192097	XX30944-170	RES CMF 1/10W 2% 4.7K (CB)
R16332	205338	XX70434-070	RES CMF 1/10W 2% 560R (CB)
R16333	202069	XX11059-640	RES CF 1/4W 5% 1K (CB)
R16334	202585	XX40438-150	RES CMF 1/10W 2% 510R (CB)
R16336	192097	XX30944-170	RES CMF 1/10W 2% 4.7K (CB)
R16337	195929	XX11066-240	RES CMF 1/10W 2% 330R (CB)
R16338	192097	XX30944-170	RES CMF 1/10W 2% 4.7K (CB)
R16339	192097	XX30944-170	RES CMF 1/10W 2% 4.7K (CB)
R16340	218508	XX70434-200	RES CMF 1/10W 5% 100R (CB)
R16341	218508	XX70434-200	RES CMF 1/10W 5% 100R (CB)
R16342	192097	XX30944-170	RES CMF 1/10W 2% 4.7K (CB)
R16343	194926	XX90574-240	RES CMF 1/10W 2% 470R (CB)
R16344	205326	XX50886-390	RES CMF 1/10W 2% 56R (CB)
R16345	192097	XX30944-170	RES CMF 1/10W 2% 4.7K (CB)
R16346	194926	XX90574-240	RES CMF 1/10W 2% 470R (CB)
R16347	192099	XX40438-130	RES CMF 1/10W 2% 100R (CB)
R26101	243992	XX15327-960	RES CMF 1/2W 5% 10K
R26102	192084	XX50886-630	RES CMF 1/10W 5% 100K
R26103	243992	XX15327-960	RES CMF 1/2W 5% 10K
R26104	192084	XX50886-630	RES CMF 1/10W 5% 100K
R26105	243973	XX15278-240	RES CMF 1/2W 5% 68R

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
R26106	243972	XX15359-080	RES CMF 1/2W 2% 75R	C14508	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
R26108	195937	XX50886-610	RES CMF 1/10W 5% 10K	C14530	181840	XX40432-920-A	CAPACITOR
R26109	205349	XX20471-890	RES CMF 1/10W 2% 8.2K	C14531	214732	XX30938-740-C	CAPACITOR
R26110	200174	XX40438-340	RES CMF 1/10W 5% 200K	C14532	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
R26111	206275	XX30942-960	RES CMF 1/8W 5% 220R	C14535	220344	XX15047-900-C	CAPCC 680PF J NPO 50V
R26112	243968	XX15284-360	RES CMF 1/2W 5% 82R	C14536	197600	XX11059-320	CAPCC 1000PF K X7R 50V
R26113	243968	XX15284-360	RES CMF 1/2W 5% 82R	C14537	214732	XX30938-740-C	CAPACITOR
R26114	195937	XX50886-610	RES CMF 1/10W 5% 10K	C14538	214032	XX30938-720-C	CAPACITOR
R26115	195937	XX50886-610	RES CMF 1/10W 5% 10K	C14539	227360	XX80440-870	CAPCC 8.2PF D NPO 50V
R26116	192097	XX30944-170	RES CMF 1/10W 2% 4.7K	C14540	195689	XX11059-340-C	CAPACITOR
R26117	192097	XX30944-170	RES CMF 1/10W 2% 4.7K	C14541	195689	XX11059-340-C	CAPACITOR
R26118	195937	XX50886-610	RES CMF 1/10W 5% 10K	C14542	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
R26119	195937	XX50886-610	RES CMF 1/10W 5% 10K	C14556	224275	XX90568-380-A	CAP POLY 4700PF J 100V
R26120	218508	XX70434-200	RES CMF 1/10W 5% 100R	C14557	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
R26121	218508	XX70434-200	RES CMF 1/10W 5% 100R	C14558	194911	XX50882-360	CAPCC 33PF J NPO 50V
R26122	218508	XX70434-200	RES CMF 1/10W 5% 100R	C14559	205230	XX20469-340-C	CAPACITOR
R26123	218508	XX70434-200	RES CMF 1/10W 5% 100R	C14830	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
R26124	195937	XX50886-610	RES CMF 1/10W 5% 10K	C14831	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
R26125	195937	XX50886-610	RES CMF 1/10W 5% 10K	C24100	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
R26126	220568	XX30939-360	⚠ RES CF 1/4W 5% 10R	C24101	195689	XX11059-340-C	CAPACITOR
R26127	192084	XX50886-630	RES CMF 1/10W 5% 100K	C24102	197609	XX50882-800	CAPCC 1500PF K X7R 50V
R26128	192084	XX50886-630	RES CMF 1/10W 5% 100K	C24103	195689	XX11059-340-C	CAPACITOR
R26130	195937	XX50886-610	RES CMF 1/10W 5% 10K	C24104	195689	XX11059-340-C	CAPACITOR
R26131	195937	XX50886-610	RES CMF 1/10W 5% 10K	C24801	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
R26132	194917	XX60444-280	RES CMF 1/10W 2% 3K	C24802	214698	XX11054-950-A	CAP LYTC 10UF M 63V
R26133	192099	XX40438-130	RES CMF 1/10W 2% 100R	C24803	220150	XX40435-170	CAPCC 20PF J NPO 50V
RN16301	243669	XX15395-940	RESISTOR NETWORK (CB)	C24804	194903	XX60441-080	CAPCC 22PF J NPO 50V
RN16302	243669	XX15395-940	RESISTOR NETWORK (CB)	C24805	195689	XX11059-340-C	CAPACITOR
RN16303	243669	XX15395-940	RESISTOR NETWORK (CB)	CIR	250914	XX15528-280	⚠ CIRCUIT, DEFLECTION SIP (GCB)
RN16304	243669	XX15395-940	RESISTOR NETWORK (CB)	CIR	250725	XX15433-690	⚠ CIRCUIT, DEFLECTION SIP (CB)
SHI	249483	XX15340-76A	● SHIELD, WRAP (CB)	COVE	243961	XX15386-230	● COVER, COIL
U16301	248541	XX15465-690	IC (CB)	CR14301	139706	XX80442-720	DIODE
U16302	248542	XX15465-590	IC (CB)	CR14350	198602	XX80444-140	DIODE, ZENER 5.1V .5W
U26101	243511	XX15283-940	IC	CR14541	227051	XX15050-100-B	DIODE
Y16301	227894	XX15051-760	CRYSTAL, 20MHZ (CB)	CR14550	198602	XX80444-140	DIODE, ZENER 5.1V .5W
CHOKE				CR24100	139706	XX80442-720	DIODE
CIR	245505	XX15388-390	⚠ CIRCUIT CHOKE CBA	CR24101	139706	XX80442-720	DIODE
DEFLECTION SIP				JC14301	205408	XX80440-510-C	RES CMF 1/10W 0% 0R
C14301	214698	XX11054-950-A	CAP LYTC 10UF M 63V	JC14302	205408	XX80440-510-C	RES CMF 1/10W 0% 0R
C14303	214732	XX30938-740-C	CAPACITOR	L14302	242889	XX15237-820	COIL, 15UH
C14304	205230	XX20469-340-C	CAPACITOR	L14550	243954	XX15202-150	COIL
C14305	227898	XX40438-610-A	CAP LYTC 470UF M 16V	P14406	243960	XX15322-510	CONNECTOR, 20-PIN
C14306	220155	XX11058-710	CAPCC 560PF J NPO 50V	Q14300	232218	XX15111-350-E	TRANSISTOR
C14307	227898	XX40438-610-A	⚠ CAP LYTC 470UF M 16V	Q14301	177788	XX70436-520-E	TRANSISTOR
C14308	214732	XX30938-740-C	CAPACITOR	Q14302	243955	XX15406-690-E	⚠ TRANSISTOR
C14353	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	Q14303	232218	XX15111-350-E	TRANSISTOR
C14354	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	Q14304	215496	XX30946-660-B	TRANSISTOR
C14355	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	Q14450	229220	XX15064-300-E	TRANSISTOR
C14356	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	Q14540	215496	XX30946-660-B	TRANSISTOR
C14357	214698	XX11054-950-A	CAP LYTC 10UF M 63V	Q14541	215496	XX30946-660-B	TRANSISTOR
C14358	222008	XX15041-170-C	CAPCC .1UF K X7R 25V (GCB)	Q14550	215495	XX11070-770-B	TRANSISTOR

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
Q14551	215496	XX30946-660-B	TRANSISTOR	R14550	205347	XX40438-190	RES CMF 1/10W 2% 6.2K
Q24100	215495	XX11070-770-B	TRANSISTOR	R14551	250915	XX60443-720-C	RESISTOR
Q24101	215495	XX11070-770-B	TRANSISTOR	R14555	194920	XX90574-260-C	RES CMF 1/10W 2% 1.2K
Q24102	215495	XX11070-770-B	TRANSISTOR	R14556	197471	XX11066-500	RES CMF 1/10W 5% 68K
Q24103	215496	XX30946-660-B	TRANSISTOR	R14557	205347	XX40438-190	RES CMF 1/10W 2% 6.2K
Q24105	215495	XX11070-770-B	TRANSISTOR	R14558	194916	XX30944-180	RES CMF 1/10W 2% 6.8K
R14300	206301	XX70434-250	RES CMF 1/10W 5% 15K	R14559	197639	XX30944-300	RES CMF 1/10W 5% 3.6K
R14301	181080	XX90573-590	RES CMF 1/8W 5% 3.3K	R14560	197476	XX80440-380	RES CMF 1/10W 5% 1.6K
R14302	192096	XX80440-390	RES CMF 1/10W 5% 2.2K	R14561	195937	XX50886-610	RES CMF 1/10W 5% 10K
R14303	192086	XX80440-370	RES CMF 1/10W 5% 150R	R14562	195937	XX50886-610	RES CMF 1/10W 5% 10K
R14305	243993	XX40436-470-L	⚠ RESISTOR	R14564	205308	XX30944-250	RES CMF 1/10W 5% 10R
R14306	195937	XX50886-610	RES CMF 1/10W 5% 10K	R14565	175758	XX80437-010	RES CF 1/4W 5% 1.8K
R14307	195937	XX50886-610	RES CMF 1/10W 5% 10K	R14567	175567	XX80436-960	RES CF 1/4W 5% 360R
R14308	243994	XX11065-800-L	RESISTOR	R14830	190462	XX40437-600-C	RESISTOR
R14309	202069	XX11059-640-L	RESISTOR	R14850	176818	XX30942-940	RES CMF 1/8W 5% 100R
R14311	192070	XX60444-400	RES CMF 1/10W 5% 22K	R14851	206261	XX60443-710-C	RES CMF 1/8W 5% 10K
R14312	193344	XX80440-420	RES CMF 1/10W 5% 33K	R14852	206261	XX60443-710-C	RES CMF 1/8W 5% 10K
R14313	206301	XX70434-250	RES CMF 1/10W 5% 15K	R14853	206261	XX60443-710-C	RES CMF 1/8W 5% 10K
R14314	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R14854	220568	XX30939-360	RES CF 1/4W 5% 10R
R14319	211857	XX30939-370	RES CF 1/4W 5% 15R	R14855	220568	XX30939-360	RES CF 1/4W 5% 10R
R14350	192096	XX80440-390	RES CMF 1/10W 5% 2.2K	R14856	210244	XX40437-540	RES CMF 1/8W 5% 5.6K
R14351	192077	XX11066-440	RES CMF 1/10W 5% 3.3K	R24100	175324	XX20469-450	RES CF 1/4W 2% 220R
R14353	205341	XX60444-270	RES CMF 1/10W 2% 2K	R24102	195937	XX50886-610	RES CMF 1/10W 5% 10K
R14354	205356	XX30944-200	RES CMF 1/10W 2% 18K	R24103	195937	XX50886-610	RES CMF 1/10W 5% 10K
R14355	220568	XX30939-360	⚠ RES CF 1/4W 5% 10R	R24104	197471	XX11066-500	RES CMF 1/10W 5% 68K
R14358	205308	XX30944-250	RES CMF 1/10W 5% 10R	R24105	192097	XX30944-170	RES CMF 1/10W 2% 4.7K
R14359	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R24106	207835	XX20472-020	RES CMF 1/10W 5% 180K
R14360	195937	XX50886-610	RES CMF 1/10W 5% 10K	R24107	192097	XX30944-170	RES CMF 1/10W 2% 4.7K
R14361	192089	XX70434-060	RES CMF 1/10W 2% 220R	R24109	206380	XX11064-770	RES CMF 1/8W 5% 4.7K
R14362	249481	XX15583-250-L	RESISTOR	R24111	206261	XX60443-710-C	RES CMF 1/8W 5% 10K
R14363	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R24112	192084	XX50886-630	RES CMF 1/10W 5% 100K
R14365	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R24113	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R14366	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R24114	195937	XX50886-610	RES CMF 1/10W 5% 10K
R14367	176631	XX11059-650	RES CF 1/4W 5% 1.3K	R24115	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R14368	192100	XX20471-950-C	RES CMF 1/10W 5% 1K (GCB)	R24117	192070	XX60444-400	RES CMF 1/10W 5% 22K
R14369	194926	XX90574-400-C	RES CMF 1/10W 5% 470R (GCB)	R24118	205364	XX50886-460	RES CMF 1/10W 2% 47K
R14369	205408	XX80440-510-C	RES CMF 1/10W 0% 0R (CB)	R24119	192070	XX60444-400	RES CMF 1/10W 5% 22K
R14370	200169	XX20471-990-C	RES CMF 1/10W 5% 12K (GCB)	R24800	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R14380	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R24801	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R14536	202069	XX11059-640-L	RESISTOR	R24802	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R14537	176631	XX11059-650	RES CF 1/4W 5% 1.3K	R24803	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R14538	197476	XX80440-380	RES CMF 1/10W 5% 1.6K	R24804	205387	XX11066-550	RES CMF 1/10W 5% 820K
R14540	206381	XX60443-740	RES CMF 1/8W 5% 100K	R24805	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R14541	197640	XX60444-420	RES CMF 1/10W 5% 150K	R24806	192084	XX50886-630	RES CMF 1/10W 5% 100K
R14542	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R24807	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R14543	192089	XX70434-060	RES CMF 1/10W 2% 220R	R24809	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R14544	205340	XX11066-270	RES CMF 1/10W 2% 1.3K	R24810	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R14545	205340	XX11066-270	RES CMF 1/10W 2% 1.3K	R24811	243995	XX20470-110-L	RESISTOR
R14546	195939	XX30944-140	RES CMF 1/10W 2% 680R	R24812	223786	XX11071-550	RES CMF 1/10W 1% 3.32K
R14547	194926	XX90574-240-C	RESISTOR	R24813	220568	XX30939-360	⚠ RES CF 1/4W 5% 10R
R14548	220568	XX30939-360	⚠ RES CF 1/4W 5% 10R	R24814	175324	XX20469-450	RES CF 1/4W 2% 220R
R14549	195937	XX50886-610	RES CMF 1/10W 5% 10K	R24815	231428	XX30944-400-C	RESISTOR
				SOCK	243935	XX15357-69A	SOCKET, IC: 8-PIN

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
U14350	243956	XX10147-320	IC	C14202	214067	XX15048-750	⚠ CAP POLY .22UF M 125V
U14351	243957	XX15101-080-G	IC	C14203	190538	XX11057-250-K	⚠ CAPCD 680PF M Z5P 1KV
U14352	243958	XX90562-060	IC	C14204	223330	XX10043-400	⚠ CAPCD 3400PF M Z5V 120V
U14354	250721	XX15572-540	IC, EEPROM	C14205	195749	XX40441-870	⚠ CAPCD.012UF M Z5U 250V
U14355	242892	XX15170-150	IC, +8V REGULATOR	C14207	243781	XX15208-410	⚠ CAP LYTC 1000UF M 200V
U14356	236657	XX15180-770-G	IC	C14208	190538	XX11057-250-K	⚠ CAPCD 680PF M Z5P 1KV
U24800	204290	XX15047-050	IC	C14209	250102	XX11055-040	⚠ CAP CAPRISTOR
U24801	231525	XX15069-010-E	IC REGULATOR	C14250	190496	XX60438-970	CAP LYTC 470UF M 35V
DEFLECTION-P/S				C14452	142765	XX40433-650	CAPCD 4700PF K Z5P 250V
BOOT	245489	XX15103-64A	BOOT, FOCUS	C14453	250732	XX15527-660	⚠ CAP POLY .0087UF 3.5% 2KV
BRAC	249555	XX15421-660	⚠ BRACKET, HEATSINK SUPPORT	C14454	250733	XX15363-940	⚠ CAP POLY .43UF 2.5% 400V
BRAC	249553	XX15505-860	⚠ BRACKET, HEATSINK SUPPORT	C14455	243786	XX15400-480	⚠ CAP POLY 1UF K 400V
BRAC	250795	XX15503-520	BRACKET, FOCUS/SCREEN SUPPORT	C14456	227068	XX15065-090	⚠ CAPCD 470PF J SL 2KV
C14101	148067	XX90568-860	CAPCD 470PF K Z5P 50V	C14459	205230	XX20469-340-C	CAPACITOR
C14102	195689	XX11059-340-C	CAPACITOR	C14461	243788	XX15296-210-K	CAPACITOR
C14103	243774	XX15426-510	CAP LYTC 4.7UF M 50V	C14462	204296	XX30948-850	⚠ CAP POLY 2.06UF J 250V (CB)
C14104	200141	XX20467-040-A	CAP POLY .1UF K 63V	C14462	248591	XX15548-760	⚠ CAP POLY 2.2UF K 250V (GCB)
C14105	232210	XX80434-460	CAP LYTC 560UF M 35V	C14465	245441	XX15413-370	CAPCC 1UF K X7R 16V
C14106	243775	XX15386-550	CAP LYTC 470UF M 100V	C14466	245441	XX15413-370	CAPCC 1UF K X7R 16V
C14107	243776	XX15047-50A	CAP LYTC 2200UF M 25V	C14501	247995	XX15515-860	CAP LYTC 470UF M 35V
C14108	243777	XX15285-700	CAP LYTC 470UF M 80V	C14502	200141	XX20467-040-A	CAP POLY .1UF K 63V
C14109	240934	XX70428-520-K	CAPCD .01UF K Z5P 50V	C14503	247996	XX50887-040-A	CAPACITOR
C14110	243778	XX15287-030	⚠ CAP POLY .027UF J 630V	C14504	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C14111	243775	XX15386-550	CAP LYTC 470UF M 100V	C14505	190523	XX30935-550-A	CAPACITOR
C14112	227073	XX30935-520-A	CAP POLY .15UF J 63V	C14506	214755	XX30935-900	CAP LYTC 2200UF M 25V
C14113	214062	XX10040-820	⚠ CAP POLY .00127UF HP	C14507	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C14114	195689	XX11059-340-C	CAPACITOR	C14601	242026	XX30935-940-A	CAPACITOR
C14116	243779	XX10540-890-C	CAPACITOR	C14602	242880	XX11055-640	CAPCD .033UF Z Z5V 50V
C14117	190552	XX70427-610	CAPCC .1UF K X7R 50V	C14603	224271	XX70427-650	CAP POLY .22UF K 63V
C14118	243779	XX10540-890-C	CAPACITOR	C14604	143879	XX80434-800	CAPCD 1000PF K Y5P 50V
C14120	223336	XX15041-800	CAP LYTC 1200UF M 10V	C14605	242881	XX15269-040-K	⚠ CAPACITOR
C14121	200141	XX20467-040-A	CAP POLY .1UF K 63V	C14606	240934	XX70428-520-K	CAPCD .01UF K Z5P 50V
C14122	220344	XX15047-900-C	CAPCC 680PF J NPO 50V	C14608	220344	XX15047-900-C	CAPCC 680PF J NPO 50V
C14123	174416	XX11053-870	CAPCC 470PF K NPO 50V	C14609	223351	XX60438-980-A	CAPACITOR
C14124	214732	XX30938-740-C	CAPACITOR	C14611	243205	XX15269-510	CAP LYTC 3300UF M 6.3V
C14125	195689	XX11059-340-C	CAPACITOR	C14612	248590	XX15537-610	CAP LYTC 2200PF M 25V (GCB)
C14126	243780	XX14033-130	CAP POLY .01UF J 400V	C14612	227019	XX15041-780	CAP LYTC 1500UF M 25V (CB)
C14127	190500	XX70428-070	CAP LYTC 180UF M 16V	C14613	193623	XX80434-470	CAP LYTC 47UF M 50V
C14128	243780	XX14033-130	CAP POLY .01UF J 400V	C14614	146179	XX30937-370	CAPCD 470PF K Z5P 250V
C14129	214732	XX30938-740-C	CAPACITOR	C14615	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C14130	214732	XX30938-740-C	CAPACITOR	C14616	200141	XX20467-040-A	CAP POLY .1UF K 63V
C14131	243780	XX14033-130	CAP POLY .01UF J 400V	C14617	195689	XX11059-340-C	CAPACITOR
C14132	214732	XX30938-740-C	CAPACITOR	C14619	190552	XX70427-610	CAPCC .1UF K X7R 50V (GCB)
C14134	227050	XX15048-940-C	CAPCC 470PF K NPO 500V	C14700	243792	XX11057-280	⚠ CAPCD 2200PF M Z5P 2KV
C14135	232210	XX80434-460	CAP LYTC 560UF M 35V	C14701	243793	XX15392-380	CAP LYTC 33UF M 26V
C14136	243780	XX14033-130	CAP POLY .01UF J 400V	C14702	250734	XX15564-780	⚠ CAP POLY .0162UF 3.5% 1.6KV
C14137	227050	XX15048-940-C	CAPCC 470PF K NPO 500V	C14703	243794	XX15296-240-K	CAPACITOR
C14140	250102	XX11055-040	⚠ CAP CAPRISTOR	C14704	243795	XX15374-460	⚠ CAP POLY 3.3UF J 250V
C14141	250102	XX11055-040	⚠ CAP CAPRISTOR	C14705	227050	XX15048-940-C	CAPCC 470PF K NPO 500V
C14200	214067	XX15048-750	⚠ CAP POLY .22UF M 125V	C14706	227071	XX15070-230	CAP LYTC 47UF M 315V
				C14707	226501	XX80434-130-A	CAP POLY 2200PF K 100V (GCB)

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
C14707	143871	XX30936-230	CAPCD 100PF J NPO 50V (CB)	C14765	243801	XX80435-700	⚠ CAPCD 560PF M Z5P 1KV
C14708	224271	XX30935-530-A	CAP POLY .22UF J 63V	C14775	195689	XX11059-340-C	CAPACITOR
C14709	243779	XX10540-890-C	CAPACITOR	C14776	222008	XX15041-170-C	CAPCC .1UF K X7R 25V (GCB)
C14710	215555	XX40432-770	CAPCC .01UF K X7R 50V	C14777	214698	XX11054-950-A	CAP LYTC 10UF M 63V
C14711	223350	XX60438-960-A	CAP LYTC 100UF M 35V	C14800	214015	XX90568-280	CAP POLY 1UF J 63V
C14712	214057	XX15079-760-A	CAPACITOR	C14801	204296	XX30948-850	⚠ CAP POLY 2.06UF J 250V (CB)
C14713	214748	XX11054-330	CAP POLY .033UF K 100V	C14801	248591	XX15548-760	⚠ CAP POLY 2.2UF K 250V (GCB)
C14714	214049	XX11055-000-A	CAPACITOR	C14802	214070	XX60435-910	⚠ CAP POLY 8200PF J 600V
C14715	153925	XX20467-110	CAP POLY .1UF K 100V	C14803	227248	XX70427-760-A	CAPACITOR
C14716	227949	XX40432-970	CAP POLY .018UF K 100V	C14804	243802	XX60438-690-A	CAPACITOR
C14717	243796	XX90568-320-A	CAPACITOR	C14809	243803	XX40434-510	CAPCD 470PF M Z5P 1KV
C14718	221142	XX11067-100-A	CAP LYTC 33UF M 35V	C14810	246263	XX40433-180	CAP LYTC 68UF M 16V
C14719	225703	XX30935-630	CAP POLY .01UF J 100V	C14811	214698	XX11054-950-A	CAP LYTC 10UF M 63V
C14721	243797	XX15388-790	⚠ CAPCD 39PF J SL 50V	C14813	243775	XX15386-550	CAP LYTC 470UF M 100V
C14722	193340	XX11058-670	CAPCC 100PF J NPO 50V	C14814	195689	XX11059-340-C	CAPACITOR
C14723	226300	XX80435-780	⚠ CAPCD 3300PF K Z5P 3KV	C14815	102230	XX15296-230	CAPCD 470PF K Z5P 500V
C14724	205227	XX20468-970	CAPCC 330PF J NPO 50V	C14816	216078	XX15049-370-C	CAPCC 1UF Z 16V
C14725	197600	XX11059-320	CAPCC 1000PF K X7R 50V	C14817	214732	XX30938-740-C	CAPACITOR (GCB)
C14726	214015	XX90568-280	CAP POLY 1UF J 63V	C14820	214732	XX30938-740-C	CAPACITOR (GCB)
C14727	226300	XX80435-780	⚠ CAPCD 3300PF K Z5P 3KV	C14901	214015	XX90568-280	⚠ CAP POLY 1UF J 63V
C14728	227375	XX15065-060	⚠ CAPCD 180PF J SL 2KV	C14902	243779	XX10540-890-C	CAPACITOR
C14729	227068	XX15065-090	⚠ CAPCD 470PF J SL 2KV	C14904	197606	XX20469-360	CAPCC .033UF Z Y5V 50V
C14730	243798	XX15353-040	⚠ CAPCD 82PF J SL 2KV	C14905	236165	XX15169-650-A	CAP LYTC 10UF 63V
C14731	214698	XX11054-950-A	CAP LYTC 10UF M 63V	CABL	243772	XX15300-380	⚠ CABLE ASY, FOC/SCRN
C14732	243799	XX11057-090	⚠ CAPCD 180PF M Z5P 500V	CABL	247991	XX15462-220	CABLE ASY, VERT YOKE
C14734	193043	XX60438-950	CAP LYTC 47UF M 35V	CABL	243771	XX15391-24A	⚠ CABLE (CB)
C14735	220204	XX11054-500	CAP POLY .01UF K 250V	CABL	243768	XX15333-540	⚠ CABLE ASY, ANODE LEAD
C14736	193043	XX60438-950	CAP LYTC 47UF M 35V	CABL	243770	XX15357-570	CABLE ASY, HORIZ YOKE
C14737	223350	XX60438-960-A	CAP LYTC 100UF M 35V	CABL	243773	XX15300-520	⚠ CABLE ASY, DEGAUSSING
C14738	243779	XX10540-890-C	CAPACITOR	CLIP	181032	XX15089-440	CLIP, TRANSISTOR
C14740	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	CLIP	173269	XX15089-490	CLIP, TRANSISTOR
C14741	215555	XX40432-770	CAPCC .01UF K X7R 50V	CLIP	181138	XX15089-430	CLIP, TRANSISTOR
C14742	200141	XX20467-040-A	CAP POLY .1UF K 63V	CLIP	176642	XX15073-560	CLIP, FUSE
C14743	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	CR14102	220637	XX30948-800	DIODE, ZENER 12V .5W
C14745	205230	XX20469-340-C	CAPACITOR	CR14103	243842	XX15068-270-A	DIODE
C14746	193340	XX11058-670	CAPCC 100PF J NPO 50V	CR14104	139706	XX80442-720	DIODE
C14748	243794	XX15296-240-K	CAPACITOR (GCB)	CR14105	243843	XX40441-450-A	DIODE
C14748	227050	XX15048-940-C	CAPCC 470PF K NPO 500V (CB)	CR14107	223651	XX15042-270-A	DIODE
C14750	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	CR14108	227066	XX15064-100-A	DIODE
C14751	243775	XX15386-550	CAP LYTC 470UF M 100V	CR14110	243844	XX15103-710-B	DIODE
C14752	214698	XX11054-950-A	CAP LYTC 10UF M 63V	CR14112	223339	XX15047-770	DIODE
C14753	205227	XX20468-970	CAPCC 330PF J NPO 50V	CR14113	243842	XX15068-270-A	DIODE
C14754	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	CR14115	227066	XX15064-100-A	⚠ DIODE
C14755	195689	XX11059-340-C	CAPACITOR	CR14117	223651	XX15042-270-A	⚠ DIODE
C14756	243800	XX30935-580-A	CAPACITOR	CR14120	223651	XX15042-270-A	DIODE
C14757	243788	XX15296-210-K	CAPACITOR	CR14121	223083	XX30948-670	DIODE ZENER 4.7V .5W
C14758	200144	XX70430-390-C	CAPACITOR (CB)	CR14122	223651	XX15042-270-A	DIODE
C14759	182298	XX20467-100	CAP POLY .015UF K 100V	CR14128	227066	XX15064-100-A	⚠ DIODE
C14761	214732	XX30938-740-C	CAPACITOR	CR14129	243844	XX15103-710-B	DIODE
C14762	223350	XX60438-960-A	CAP LYTC 100UF M 35V	CR14131	236653	XX60447-870-A	DIODE
C14763	195689	XX11059-340-C	CAPACITOR	CR14201	214649	XX15246-010	DIODE
C14764	143879	XX80434-800	CAPCD 1000PF K Y5P 50V	CR14250	155276	XX11070-780	DIODE
				CR14302	232709	XX15577-300	DIODE

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
CR14452	243845	XX15378-740	DIODE	CR14804	243636	XX15380-830-A	DIODE
CR14453	176296	XX30946-670-A	⚠ DIODE	CR14810	232709	XX15577-300	DIODE
CR14501	155276	XX11070-780	DIODE	CR14811	232709	XX15577-300	DIODE
CR14502	155276	XX11070-780	DIODE	CR14812	232709	XX15577-300	DIODE
CR14505	164589	XX40441-830	DIODE	CR14813	147015	XX11073-460	DIODE
CR14508	232709	XX15577-300	DIODE	CR14900	251202	XX30946-700	⚠ X-RAY KIT
CR14509	155276	XX11070-780	DIODE	CR14901	157301	XX60446-580	⚠ DIODE
CR14510	164589	XX40441-830	DIODE	CR14902	198589	XX70436-540	DIODE
CR14601	217306	XX15053-310-A	DIODE	F14200	243853	XX15065-720	⚠ FUSE, 6A 125V
CR14602	234048	XX15110-990-A	DIODE	FB14101	223785	XX30953-500	BEAD
CR14603	236168	XX70437-720-A	DIODE ZENER 12V 1.3W (CB)	FB14102	232765	XX15091-670	BEAD
CR14604	139706	XX80442-720	DIODE	FB14103	232765	XX15091-670	BEAD
CR14605	139706	XX80442-720	DIODE	FB14104	232765	XX15091-670	BEAD
CR14606	139706	XX80442-720	DIODE	FB14105	232765	XX15091-670	BEAD
CR14608	243844	XX15103-710-B	DIODE	FB14107	232765	XX15091-670	BEAD
CR14609	243844	XX15103-710-B	DIODE (CB)	FB14110	232765	XX15091-670	BEAD
CR14609	249784	XX15588-570	DIODE (GCB)	FB14111	232765	XX15091-670	BEAD
CR14610	220637	XX30948-800	DIODE, ZENER 12V .5W	FB14451	229324	XX15073-710	BEAD
CR14611	234048	XX15110-990-A	DIODE	FB14701	229324	XX15073-710	BEAD
CR14612	250788	XX11061-940-M	⚠ RESISTOR (CB)	FB14702	232765	XX15091-670	BEAD
CR14613	236168	XX70437-720-A	⚠ DIODE ZENER 12V 1.3W	FB14703	232765	XX15091-670	BEAD
CR14614	155276	XX11070-780	⚠ DIODE	FB14704	232765	XX15091-670	BEAD
CR14615	227887	XX70437-580	⚠ DIODE, ZENER 5.1V 1.3W	FB14705	232765	XX15091-670	BEAD
CR14616	232709	XX15577-300	DIODE (CB)	FB14707	232765	XX15091-670	BEAD
CR14620	226456	XX90578-020	DIODE ZENER 10V .5W (CB)	FB14708	232765	XX15091-670	BEAD
CR14621	226456	XX90578-020	DIODE ZENER 10V .5W (CB)	FB14709	232765	XX15091-670	BEAD
CR14701	214655	XX15049-770-A	DIODE	FB14710	232765	XX15091-670	BEAD
CR14702	232709	XX15577-300	DIODE	FB14711	232765	XX15091-670	BEAD
CR14703	214650	XX60410-080	DIODE	FB14712	232765	XX15091-670	BEAD
CR14704	140971	XX70436-530-A	DIODE	FB14713	232765	XX15091-670	BEAD
CR14705	232709	XX15577-300	DIODE	FB14714	232765	XX15091-670	BEAD
CR14707	198589	XX70436-540	DIODE (CB)	FB14715	232765	XX15091-670	BEAD
CR14707	140971	XX70436-530-A	DIODE (GCB)	FB14716	232765	XX15091-670	BEAD
CR14708	232709	XX15577-300	DIODE (GCB)	FB14801	232765	XX15091-670	BEAD
CR14708	198589	XX70436-540	DIODE (CB)	FB14802	232765	XX15091-670	BEAD
CR14709	243846	XX15374-130-A	⚠ DIODE	HEAT	243866	XX15350-130	HEATSINK
CR14710	243846	XX15374-130-A	⚠ DIODE	HEAT	243278	XX15046-140	HEATSINK
CR14711	232709	XX15577-300	DIODE	HEAT	243870	XX15204-05C	HEATSINK
CR14712	232709	XX15577-300	DIODE	HEAT	243869	XX15324-53D	HEATSINK
CR14713	243846	XX15374-130-A	⚠ DIODE	HEAT	243868	XX15203-72D	HEATSINK
CR14743	244109	XX15580-460	DIODE ZENER 5.1V .5W	HEAT	243867	XX15073-510	HEATSINK
CR14746	232709	XX15577-300	DIODE	HEAT	243215	XX15083-990	HEATSINK
CR14747	243846	XX15374-130-A	⚠ DIODE	HEAT	243865	XX15204-07C	HEATSINK
CR14748	233082	XX15063-110-A	DIODE	INSU	240632	XX15088-700	INSULATOR
CR14750	243846	XX15374-130-A	⚠ DIODE	J14101	242749	XX15204-710	⚠ CONNECTOR, 8-PIN
CR14751	243842	XX15068-270-A	DIODE	J14102	243877	XX15322-50A	⚠ CONNECTOR, 20-PIN (CB)
CR14752	176296	XX30946-670-A	DIODE	J14201	243878	XX15348-410	⚠ CABLE ASY, AC-IN
CR14753	226463	XX11073-680-A	DIODE	J14402	243879	XX15305-030	⚠ CONNECTOR, 29-PIN
CR14755	223651	XX15042-270-A	DIODE	J14403	243582	XX15233-410	⚠ CONNECTOR 4 PIN
CR14757	198589	XX70436-540	DIODE	J14405	243880	XX15292-960	⚠ CONNECTOR 10 PIN (CB)
CR14758	198589	XX70436-540	DIODE	J14405	239159	XX15164-370	⚠ CONNECTOR, 14-PIN (GCB)
CR14802	248006	XX15454-250-B	DIODE	J14601	226977	XX60458-390	CONNECTOR, 3-PIN
CR14803	243847	XX40441-840	DIODE, ZENER 51V .5W	J14901	243881	XX50894-540	CONNECTOR, 2-PIN

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
JC14101	181161	XX50885-530-C	⚠ RES CMF 1/8W 0% 0R	JW14402	NONSTK	XX15088-500	WIRE
JC14102	181161	XX50885-530-C	⚠ RES CMF 1/8W 0% 0R	JW14403	NONSTK	XX15088-500	WIRE
JC14103	181161	XX50885-530-C	⚠ RES CMF 1/8W 0% 0R	JW14404	NONSTK	XX15088-500	WIRE
JC14104	181161	XX50885-530-C	⚠ RES CMF 1/8W 0% 0R	JW14405	NONSTK	XX15088-500	WIRE
JC14105	181161	XX50885-530-C	⚠ RES CMF 1/8W 0% 0R	JW14406	NONSTK	XX15088-500	WIRE
JC14106	181161	XX50885-530-C	⚠ RES CMF 1/8W 0% 0R	JW14407	NONSTK	XX15088-500	WIRE
JC14107	181161	XX50885-530-C	RES CMF 1/8W 0% 0R	JW14410	NONSTK	XX15088-500	WIRE
JC14701	181161	XX50885-530-C	RES CMF 1/8W 0% 0R	JW14414	NONSTK	XX15088-500	WIRE
JC14702	181161	XX50885-530-C	RES CMF 1/8W 0% 0R	JW14451	NONSTK	XX15088-520	WIRE JUMPER
JC14703	205408	XX80440-510-C	RES CMF 1/10W 0% 0R	JW14452	NONSTK	XX15088-500	WIRE
JC14704	181161	XX50885-530-C	RES CMF 1/8W 0% 0R	JW14453	NONSTK	XX15088-500	WIRE
JC14705	181161	XX50885-530-C	RES CMF 1/8W 0% 0R (CB)	JW14454	NONSTK	XX15088-500	WIRE
JC14706	205408	XX80440-510-C	RES CMF 1/10W 0% 0R	JW14455	NONSTK	XX15088-500	WIRE
JC14707	205408	XX80440-510-C	RES CMF 1/10W 0% 0R	JW14501	NONSTK	XX15088-500	WIRE
JC14708	181161	XX50885-530-C	RES CMF 1/8W 0% 0R	JW14502	NONSTK	XX15088-500	WIRE
JC14710	181161	XX50885-530-C	RES CMF 1/8W 0% 0R	JW14503	NONSTK	XX15088-500	WIRE
JC14802	181161	XX50885-530-C	RES CMF 1/8W 0% 0R	JW14504	NONSTK	XX15088-500	WIRE
JW14101	NONSTK	XX15088-500	WIRE	JW14508	NONSTK	XX15088-500	WIRE
JW14102	NONSTK	XX15088-500	WIRE	JW14601	NONSTK	XX15088-500	WIRE
JW14103	NONSTK	XX15088-500	WIRE	JW14602	NONSTK	XX15088-500	WIRE
JW14104	NONSTK	XX15088-500	WIRE	JW14603	NONSTK	XX15088-500	WIRE
JW14105	NONSTK	XX15088-500	WIRE	JW14604	NONSTK	XX15088-500	WIRE
JW14106	NONSTK	XX15088-500	WIRE	JW14605	NONSTK	XX15088-500	WIRE
JW14107	NONSTK	XX15088-500	WIRE	JW14606	NONSTK	XX15088-500	WIRE
JW14108	NONSTK	XX15088-500	WIRE	JW14607	NONSTK	XX15088-500	WIRE
JW14109	NONSTK	XX15088-500	WIRE	JW14608	NONSTK	XX15088-500	WIRE
JW14110	NONSTK	XX15088-500	WIRE	JW14609	NONSTK	XX15088-500	WIRE
JW14111	NONSTK	XX15088-500	WIRE	JW14610	NONSTK	XX15088-500	WIRE (CB)
JW14112	NONSTK	XX15088-500	WIRE	JW14611	NONSTK	XX15088-500	WIRE (GCB)
JW14113	NONSTK	XX15088-500	WIRE	JW14612	NONSTK	XX15088-500	WIRE
JW14114	NONSTK	XX15088-500	WIRE	JW14613	NONSTK	XX15088-500	WIRE (GCB)
JW14115	NONSTK	XX15088-500	WIRE	JW14614	NONSTK	XX15088-500	WIRE (GCB)
JW14116	NONSTK	XX15088-500	WIRE	JW14615	NONSTK	XX15088-500	WIRE (GCB)
JW14119	NONSTK	XX15088-500	WIRE	JW14616	NONSTK	XX15088-500	WIRE (GCB)
JW14120	NONSTK	XX15088-500	WIRE	JW14617	NONSTK	XX15088-500	WIRE (GCB)
JW14121	NONSTK	XX15088-500	WIRE	JW14701	NONSTK	XX15088-500	WIRE
JW14122	NONSTK	XX15088-500	WIRE	JW14702	NONSTK	XX15088-500	WIRE
JW14123	NONSTK	XX15088-500	WIRE	JW14703	NONSTK	XX15088-500	WIRE
JW14124	NONSTK	XX15088-500	WIRE	JW14704	NONSTK	XX15088-500	WIRE
JW14125	NONSTK	XX15088-500	WIRE	JW14705	NONSTK	XX15088-500	WIRE
JW14126	NONSTK	XX15088-500	WIRE	JW14706	175761	XX40435-650	RES CF 1/4W 5% 7.5K
JW14127	NONSTK	XX15088-500	WIRE	JW14707	NONSTK	XX15088-500	WIRE
JW14128	NONSTK	XX15088-500	WIRE	JW14708	NONSTK	XX15088-500	WIRE
JW14201	NONSTK	XX15088-500	WIRE	JW14709	NONSTK	XX15088-500	WIRE
JW14202	NONSTK	XX15088-500	WIRE	JW14710	NONSTK	XX15088-500	WIRE
JW14203	NONSTK	XX15088-500	WIRE	JW14711	NONSTK	XX15088-500	WIRE
JW14204	NONSTK	XX15088-500	WIRE	JW14713	NONSTK	XX15088-500	WIRE (CB)
JW14205	NONSTK	XX15088-500	WIRE	JW14714	NONSTK	XX15088-500	WIRE
JW14206	NONSTK	XX15088-500	WIRE	JW14715	NONSTK	XX15088-500	WIRE
JW14301	NONSTK	XX15088-500	WIRE	JW14716	NONSTK	XX15088-500	WIRE
JW14302	NONSTK	XX15088-500	WIRE	JW14717	NONSTK	XX15088-500	WIRE
JW14303	NONSTK	XX15088-500	WIRE	JW14718	NONSTK	XX15088-500	WIRE
JW14401	NONSTK	XX15088-500	WIRE	JW14719	NONSTK	XX15088-500	WIRE (GCB)

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
JW14720	NONSTK	XX15088-500	WIRE (GCB)	Q14606	219412	XX15047-510-B	TRANSISTOR (CB)
JW14721	NONSTK	XX15088-500	WIRE	Q14607	215495	XX11070-770-B	TRANSISTOR (GCB)
JW14722	NONSTK	XX15088-500	WIRE	Q14607	219025	XX15043-350-E	TRANSISTOR (CB)
JW14758	NONSTK	XX15088-500	WIRE	Q14608	229220	XX15064-300-E	TRANSISTOR
JW14759	NONSTK	XX15088-520	WIRE JUMPER	Q14700	243837	XX15068-370	TRANSISTOR
JW14760	NONSTK	XX15088-500	WIRE	Q14701	243837	XX15068-370	TRANSISTOR
JW14761	NONSTK	XX15088-500	WIRE	Q14702	215495	XX11070-770-B	TRANSISTOR
JW14763	NONSTK	XX15088-500	WIRE	Q14703	232218	XX15111-350-E	TRANSISTOR
JW14764	NONSTK	XX15088-500	WIRE	Q14704	248597	XX15494-890-B	⚠ TRANSISTOR (GCB)
JW14767	NONSTK	XX15088-500	WIRE	Q14704	147665	XX50888-780-E	⚠ TRANSISTOR (CB)
JW14768	NONSTK	XX15088-500	WIRE	Q14706	215496	XX30946-660-B	TRANSISTOR
JW14801	NONSTK	XX15088-500	WIRE	Q14707	215496	XX30946-660-B	TRANSISTOR
JW14802	NONSTK	XX15088-500	WIRE	Q14708	214644	XX90618-810-B	TRANSISTOR
JW14803	NONSTK	XX15088-500	WIRE	Q14711	229220	XX15064-300-E	TRANSISTOR (GCB)
JW14805	NONSTK	XX15088-500	WIRE	Q14712	227404	XX15052-870	TRANSISTOR (GCB)
JW14806	NONSTK	XX15088-500	WIRE	Q14730	243838	XX15403-570	⚠ TRANSISTOR
JW14807	NONSTK	XX15088-500	WIRE	Q14731	243838	XX15403-570	⚠ TRANSISTOR
JW14901	NONSTK	XX15088-500	WIRE	Q14732	215496	XX30946-660-B	TRANSISTOR
JW14902	NONSTK	XX15088-500	WIRE	Q14733	215495	XX11070-770-B	TRANSISTOR
K14250	190490	XX90578-040	⚠ RELAY, DEGAUSSING	Q14734	215496	XX30946-660-B	TRANSISTOR
L14103	243829	XX15348-23B	⚠ COIL 120UH	Q14735	214644	XX90618-810-B	TRANSISTOR
L14200	227014	XX15062-740	⚠ TRANSFORMER	Q14736	214644	XX90618-810-B	TRANSISTOR
L14201	227014	XX15062-740	⚠ TRANSFORMER	Q14737	229220	XX15064-300-E	TRANSISTOR
L14203	227014	XX15062-740	⚠ TRANSFORMER	Q14738	214644	XX90618-810-B	TRANSISTOR
L14454	223359	XX15064-060	COIL	Q14739	214644	XX90618-810-B	TRANSISTOR
L14456	250739	XX15522-96A	⚠ COIL, 3.3UH 15%	Q14740	215495	XX11070-770-B	TRANSISTOR
L14500	242889	XX15237-820	COIL, 15UH	Q14741	215495	XX11070-770-B	TRANSISTOR
L14501	242889	XX15237-820	COIL, 15UH	Q14750	219025	XX15043-350-E	⚠ TRANSISTOR
L14601	232215	XX30944-660-L	COIL	Q14751	243839	XX15295-400	TRANSISTOR
L14602	242889	XX15237-820	COIL, 15UH	Q14800	247633	XX15513-290	TRANSISTOR
L14760	223359	XX15064-060	COIL	Q14801	147665	XX50888-780-E	⚠ TRANSISTOR (CB)
L14761	248596	XX15383-410	⚠ COIL, SHUNT INDUCTOR (GCB)	Q14801	248597	XX15494-890-B	⚠ TRANSISTOR (GCB)
L14775	243832	XX80440-630-L	COIL	Q14802	232218	XX15111-350-E	TRANSISTOR
L14801	223359	XX15064-060	COIL	Q14803	229220	XX15064-300-E	TRANSISTOR
Q14100	243833	XX15386-540	⚠ TRANSISTOR	Q14804	219025	XX15043-350-E	TRANSISTOR
Q14101	243430	XX15201-720-E	⚠ TRANSISTOR	Q14805	215495	XX11070-770-B	TRANSISTOR
Q14103	243836	XX15364-770-E	TRANSISTOR	Q14811	215495	XX11070-770-B	TRANSISTOR
Q14105	215495	XX11070-770-B	TRANSISTOR	Q14813	215495	XX11070-770-B	TRANSISTOR
Q14106	243836	XX15364-770-E	TRANSISTOR	Q14901	250740	XX15563-390	⚠ TRANSISTOR
Q14250	229220	XX15064-300-E	TRANSISTOR	Q14902	215495	XX11070-770-B	⚠ TRANSISTOR
Q14451	243834	XX15371-400	TRANSISTOR	Q14903	215496	XX30946-660-B	TRANSISTOR
Q14501	215496	XX30946-660-B	TRANSISTOR	Q14904	215495	XX11070-770-B	⚠ TRANSISTOR
Q14502	215495	XX11070-770-B	TRANSISTOR	R14100	243804	XX20470-680-D	⚠ RESISTOR
Q14503	215496	XX30946-660-B	TRANSISTOR	R14101	214099	XX20472-200	⚠ RES, CONTROL
Q14504	226453	XX15053-290-E	TRANSISTOR	R14102	176366	XX90573-580	RES CMF 1/8W 5% 2.2K
Q14601	201152	XX10905-500	TRANSISTOR	R14103	243805	XX11062-120-M	RESISTOR
Q14602	248597	XX15494-890-B	⚠ TRANSISTOR (GCB)	R14104	249489	XX11061-890-L	⚠ RESISTOR
Q14602	147665	XX50888-780-E	⚠ TRANSISTOR (CB)	R14105	243807	XX90572-220-L	⚠ RESISTOR
Q14603	232218	XX15111-350-E	TRANSISTOR	R14106	243808	XX70432-270-D	⚠ RESISTOR
Q14604	243836	XX15364-770-E	TRANSISTOR	R14107	243809	XX11067-610-C	RESISTOR
Q14605	215495	XX11070-770-B	TRANSISTOR (GCB)	R14108	206275	XX30942-960	RES CMF 1/8W 5% 220R
Q14605	219025	XX15043-350-E	TRANSISTOR (CB)	R14109	196081	XX30940-410	RES MF 1/4W 1% 26.7K
				R14111	243810	XX11060-810-L	RESISTOR

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
R14112	243809	XX11067-610-C	RESISTOR	R14527	174354	XX11064-810	RES CMF 1/8W 5% 33K
R14114	242786	XX20471-530-L	RESISTOR	R14528	174348	XX30942-990-C	RES CMF 1/8W 5% 1K
R14115	243805	XX11062-120-M	⚠ RESISTOR	R14529	247999	XX50884-010-L	RESISTOR
R14116	245442	XX50884-230-M	RESISTOR	R14601	198667	XX30943-330	⚠ RES CFFP 1/4W 5% 100R
R14117	242800	XX30940-700-L	⚠ RESISTOR	R14602	237592	XX60441-610-L	RES CF 1/4W 5% 680K
R14118	175042	XX20469-460	RES CF 1/4W 5% 2.2K	R14603	202069	XX11059-640-L	⚠ RESISTOR
R14119	176796	XX11060-080	RES CF 1/2W 5% 100R	R14604	241313	XX30943-680-L	⚠ RESISTOR
R14120	241972	XX11065-230-L	⚠ RES CFFP 1/4W 5% 470R	R14605	242065	XX70433-410-L	⚠ RESISTOR
R14121	231904	XX70433-190	RES CMF 1/8W 5% 6.8K	R14606	215212	XX60443-020-D	⚠ RESISTOR
R14122	220568	XX30939-360	⚠ RES CF 1/4W 5% 10R	R14607	175352	XX50883-000	RES CF 1/4W 5% 3.3K
R14131	174355	XX70433-210	RES CMF 1/8W 5% 68K	R14608	175413	XX40435-640-L	RESISTOR
R14132	174348	XX30942-990-C	RES CMF 1/8W 5% 1K	R14609	241259	XX20471-500-L	⚠ RESISTOR
R14133	174347	XX11064-730	RES CMF 1/8W 5% 510R	R14610	174367	XX20471-390	RES CMF 1/8W 5% 22K
R14135	174347	XX11064-730	RES CMF 1/8W 5% 510R	R14611	202069	XX11059-640-L	RESISTOR
R14136	243811	XX15371-460	⚠ RES WW 5W 5% 6.2R	R14612	239189	XX15187-100-L	RES MF 1/4W 1% 768R
R14138	175040	XX70430-510	RES CF 1/4W 5% 47R	R14613	242885	XX50883-610-L	RESISTOR
R14139	202069	XX11059-640-L	RESISTOR	R14614	175357	XX30939-380	RES CF 1/4W 5% 22R
R14201	217662	XX15369-220	⚠ RES CC 1/2W 20% 2.7M	R14615	243813	XX80438-250-M	RESISTOR (CB)
R14202	238903	XX11058-000-L	⚠ RES CF 1/2W 5% 240R	R14616	180369	XX70433-150	RES CMF 1/8W 5% 2K (CB)
R14250	174368	XX80439-690	RES CMF 1/8W 5% 30K	R14617	180325	XX11064-800	RES CMF 1/8W 5% 20K (CB)
R14251	175418	XX20471-370	RES CMF 1/8W 5% 5.1K	R14618	202069	XX11059-640-L	RESISTOR
R14253	220568	XX30939-360	RES CF 1/4W 5% 10R	R14620	181161	XX50885-530-C	RES CMF 1/8W 0% 0R (CB)
R14304	242009	XX11065-710-L	RES CFFP 1/2W 5% 10R	R14620	181080	XX90573-590	RES CMF 1/8W 5% 3.3K (GCB)
R14370	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R14621	181073	XX90573-600	RES CMF 1/8W 5% 7.5K (GCB)
R14376	176818	XX30942-940	RES CMF 1/8W 5% 100R	R14621	206380	XX11064-770	RES CMF 1/8W 5% 4.7K (CB)
R14451	243812	XX15375-640	⚠ RES MF 5W 5% 3.3K	R14622	174348	XX30942-990-C	RES CMF 1/8W 5% 1K (CB)
R14456	243813	XX80438-250-M	⚠ RESISTOR	R14622	201143	XX20471-980	RES CMF 1/10W 5% 6.2K (GCB)
R14457	243809	XX11067-610-C	⚠ RESISTOR	R14623	195937	XX50886-610	RES CMF 1/10W 5% 10K (GCB)
R14459	176632	XX70430-880-L	RES CF 1/2W 5% 2.2K	R14623	206261	XX60443-710-C	RES CMF 1/8W 5% 10K (CB)
R14461	206380	XX11064-770	RES CMF 1/8W 5% 4.7K	R14624	206259	XX80439-650	RES CMF 1/8W 5% 470R (CB)
R14471	176367	XX80439-630	RES CMF 1/8W 5% 47R	R14624	192097	XX30944-310	RES CMF 1/10W 5% 4.7K (GCB)
R14501	231904	XX70433-190	RES CMF 1/8W 5% 6.8K	R14625	175324	XX20469-450	RES CF 1/4W 2% 220R
R14502	206261	XX60443-710-C	RES CMF 1/8W 5% 10K	R14627	175045	XX60441-550	RES CF 1/4W 5% 330R
R14503	206275	XX30942-960	RES CMF 1/8W 5% 220R	R14628	250788	XX11061-940-M	⚠ RESISTOR (GCB)
R14504	206275	XX30942-960	RES CMF 1/8W 5% 220R	R14629	242010	XX11065-780-L	RESISTOR
R14505	249514	XX15583-240-L	RESISTOR	R14630	175317	XX30939-480-L	RESISTOR (CB)
R14506	249514	XX15583-240-L	RESISTOR	R14631	192097	XX30944-310	RES CMF 1/10W 5% 4.7K (CB)
R14507	237441	XX11070-850-L	⚠ RES MF 2W 5% 1.5R	R14632	196076	XX90572-360	⚠ RES MF 3W 5% 47R
R14508	200190	XX50883-950-L	⚠ RESISTOR	R14633	248593	XX20474-810-C	RESISTOR (GCB)
R14509	250874	XX11053-840-C	CAPACITOR (GCB)	R14634	248594	XX11060-910-L	RESISTOR (GCB)
R14510	193077	XX30939-770	RES CF 1/2W 5% 330R	R14635	249544	XX40441-190-C	RESISTOR (GCB)
R14511	200190	XX50883-950-L	⚠ RESISTOR	R14636	243408	XX40441-160-C	RESISTOR (GCB)
R14512	223332	XX11059-760	RES CF 1/4W 5% 560K (GCB)	R14637	214143	XX80443-130	RES CMF 1/10W 1% 1K (GCB)
R14514	206380	XX11064-770	RES CMF 1/8W 5% 4.7K	R14638	245499	XX11071-670-C	RESISTOR (GCB)
R14515	206261	XX60443-710-C	RES CMF 1/8W 5% 10K	R14639	249783	XX11061-610-L	RESISTOR (GCB)
R14516	181496	XX70433-180	RES CMF 1/8W 5% 6.2K	R14688	175321	XX11059-660	RES CF 1/4W 5% 2K
R14517	175324	XX20469-450	RES CF 1/4W 2% 220R	R14689	241259	XX20471-500-L	RESISTOR
R14518	174348	XX30942-990-C	RES CMF 1/8W 5% 1K	R14690	181047	XX80439-620	RES CMF 1/8W 5% 20R
R14520	245444	XX11065-810	RES CFFP 1/2W 5% 1.5K	R14691	176818	XX30942-940	RES CMF 1/8W 5% 100R
R14523	247997	XX70436-610-L	⚠ RESISTOR	R14692	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R14524	175781	XX60442-550	⚠ RES MF 1W 5% 10R	R14693	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R14525	220337	XX70431-340	RES MF 1/4W 1% 18.2K				
R14526	247998	XX70431-270-L	RESISTOR				

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
R14697	175350	XX30939-800-L	RESISTOR	R14747	243819	XX11065-790-L	⚠ RESISTOR
R14698	175350	XX30939-800-L	RESISTOR	R14748	175413	XX40435-640-L	RESISTOR
R14699	243815	XX90571-920-L	⚠ RESISTOR	R14749	175741	XX11064-640-C	RESISTOR
R14700	238958	XX80436-160-L	⚠ RES CC 1/2W 10% 27K	R14750	206259	XX80439-650	RES CMF 1/8W 5% 470R
R14701	200183	XX70432-030	⚠ RES WW 2W 5% .18R	R14751	175317	XX30939-480-L	RESISTOR
R14702	238959	XX70429-720-L	⚠ RES CC 1/2W 10% 100K	R14752	243820	XX30940-980-L	RESISTOR
R14703	243811	XX15371-460	⚠ RES WW 5W 5% 6.2R (CB)	R14753	176818	XX30942-940	RES CMF 1/8W 5% 100R
R14704	180175	XX80442-870	⚠ RES MF 2W 5% 1K	R14754	174367	XX20471-390	RES CMF 1/8W 5% 22K
R14706	245446	XX11059-550-L	RESISTOR	R14755	243821	XX80438-020-L	RESISTOR
R14707	179961	XX90571-150	RES CF 1/4W 5% 180K	R14756	202069	XX11059-640-L	RESISTOR
R14708	175361	XX11059-600	RES CF 1/4W 5% 120R	R14757	239181	XX30941-460-D	⚠ RES WW 2W 5% .1R
R14709	175040	XX70430-510	RES CF 1/4W 5% 47R	R14758	234539	XX70431-190-L	⚠ RESISTOR
R14710	193059	XX60444-560	RES CONTROL	R14759	176366	XX90573-580	RES CMF 1/8W 5% 2.2K (CB)
R14711	205371	XX30944-350	RES CMF 1/10W 5% 130K (GCB)	R14760	174359	XX90573-630	RES CMF 1/8W 5% 180K
R14711	245447	XX30939-520-L	RESISTOR (CB)	R14761	176367	XX80439-630	RES CMF 1/8W 5% 47R
R14712	243816	XX60442-280-L	RESISTOR	R14762	243727	XX20471-510	⚠ RES CF 1/4W 5% 15R
R14713	243816	XX60442-280-L	RESISTOR	R14763	206381	XX60443-740	RES CMF 1/8W 5% 100K
R14714	245448	XX80437-720-L	RESISTOR	R14764	243727	XX20471-510	⚠ RES CF 1/4W 5% 15R
R14715	176645	XX50882-960	RES CF 1/4W 5% 150R	R14765	241862	XX70430-540-L	RESISTOR
R14716	175351	XX40435-660	RES CF 1/4W 5% 20K (CB)	R14766	176793	XX11060-100	RES CF 1/2W 5% 470R (CB)
R14716	197470	XX30944-330-C	RESISTOR (GCB)	R14766	248595	XX30939-780-L	RESISTOR (GCB)
R14717	206261	XX60443-710-C	RES CMF 1/8W 5% 10K	R14767	245487	XX15230-77H	⚠ SENSOR HV (CB)
R14718	176366	XX90573-580	RES CMF 1/8W 5% 2.2K	R14767	248598	XX15512-900	⚠ SENSOR HV-HV KIT (GCB)
R14719	206261	XX60443-710-C	RES CMF 1/8W 5% 10K	R14768	250737	XX15402-64A	⚠ RES CONTROL: DUAL FOC/SCREEN
R14720	180369	XX70433-150	RES CMF 1/8W 5% 2K	R14769	174348	XX30942-990-C	RES CMF 1/8W 5% 1K
R14721	237659	XX50881-700-L	⚠ RES CC 1/4W 10% 10R	R14770	206381	XX60443-740	RES CMF 1/8W 5% 100K
R14722	192091	XX50886-580	RES CMF 1/10W 5% 2K (GCB)	R14771	192098	XX60444-350	RES CMF 1/10W 5% 47R (GCB)
R14722	180369	XX70433-150	RES CMF 1/8W 5% 2K (CB)	R14772	192100	XX20471-950-C	RES CMF 1/10W 5% 1K (GCB)
R14723	206275	XX30942-960	RES CMF 1/8W 5% 220R	R14773	190455	XX50885-680	RES CMF 1/8W 5% 150K (CB)
R14724	174348	XX30942-990-C	RES CMF 1/8W 5% 1K	R14773	175566	XX50883-030	RES CF 1/4W 5% 150K (GCB)
R14725	250736	XX60441-820-L	RESISTOR	R14774	243823	XX30941-800-D	⚠ RESISTOR
R14726	181075	XX70433-240	RES CMF 1/8W 5% 470K	R14775	175373	XX70430-870	RES CF 1/2W 5% 1.8K (GCB)
R14727	175319	XX70430-550	RES CF 1/4W 5% 3.6K	R14776	245488	XX30940-220	RES MF 1/4W 1% 715R
R14728	175367	XX40435-630	RES CF 1/4W 5% 1.5K	R14777	243816	XX60442-280-L	RESISTOR
R14729	175413	XX40435-640-L	RESISTOR	R14778	181113	XX11066-940	⚠ RES, CONTROL
R14730	201143	XX20471-980	RES CMF 1/10W 5% 6.2K	R14779	175054	XX60441-580	RES CF 1/4W 5% 22K
R14731	243817	XX80437-220-L	RESISTOR	R14780	240936	XX90571-120	RES CF 1/4W 5% 12K
R14732	195938	XX80440-330	RES CMF 1/10W 2% 3.3K	R14781	200177	XX60444-380	RES CMF 1/10W 5% 270R
R14733	181073	XX90573-600	RES CMF 1/8W 5% 7.5K	R14782	181496	XX70433-180	RES CMF 1/8W 5% 6.2K
R14734	181065	XX11064-780	RES CMF 1/8W 5% 8.2K	R14783	240939	XX80439-770-C	RES CMF 1/8W 2% 5.1K
R14735	227374	XX11057-960	⚠ RES CC 1/2W 10% 10K	R14784	181496	XX70433-180	RES CMF 1/8W 5% 6.2K
R14736	243818	XX15374-920	⚠ RES HV METAL 1W 5% 1M	R14785	245448	XX80437-720-L	RESISTOR (GCB)
R14737	220568	XX30939-360	RES CF 1/4W 5% 10R	R14786	176366	XX90573-580	RES CMF 1/8W 5% 2.2K
R14738	174348	XX30942-990-C	⚠ RES CMF 1/8W 5% 1K	R14787	175308	XX80437-000-L	RESISTOR
R14739	243818	XX15374-920	⚠ RES HV METAL 1W 5% 1M	R14788	241787	XX50883-740	RES MF 1/4W 1% 10K (GCB)
R14740	206261	XX60443-710-C	RES CMF 1/8W 5% 10K	R14789	174367	XX20471-390	RES CMF 1/8W 5% 22K
R14741	193344	XX80440-420	RES CMF 1/10W 5% 33K	R14790	200494	XX90573-610	RES CMF 1/8W 5% 47K
R14742	181073	XX90573-600	RES CMF 1/8W 5% 7.5K	R14791	200494	XX90573-610	RES CMF 1/8W 5% 47K
R14743	174348	XX30942-990-C	RES CMF 1/8W 5% 1K	R14792	206261	XX60443-710-C	RES CMF 1/8W 5% 10K
R14744	200169	XX20471-990-C	RES CMF 1/10W 5% 12K	R14794	176818	XX30942-940	RES CMF 1/8W 5% 100R
R14745	245457	XX90573-570-C	RESISTOR	R14796	206261	XX60443-710-C	RES CMF 1/8W 5% 10K
R14746	174348	XX30942-990-C	RES CMF 1/8W 5% 1K	R14798	192100	XX20471-950-C	RES CMF 1/10W 5% 1K

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
R14799	210244	XX40437-540	RES CMF 1/8W 5% 5.6K
R14801	242195	XX50885-850-L	⚠ RESISTOR
R14802	176649	XX30939-500	RES CF 1/4W 5% 62K
R14803	247631	XX70433-420-L	⚠ RESISTOR (CB)
R14803	250882	XX90573-790-L	⚠ RESISTOR (GCB)
R14804	243727	XX20471-510	⚠ RES CF 1/4W 5% 15R
R14805	210245	XX50882-950	RES CF 1/4W 5% 100R
R14806	242008	XX11065-120-L	RES CFFP 1/4W 5% 2.2R
R14807	198667	XX30943-330	⚠ RES CFFP 1/4W 5% 100R
R14808	243824	XX15361-20A	⚠ RES WW 3W 5% .22R
R14809	229212	XX60442-810-M	⚠ RESISTOR
R14811	192097	XX30944-310	RES CMF 1/10W 5% 4.7K
R14812	181073	XX90573-600	RES CMF 1/8W 5% 7.5K
R14814	180369	XX70433-150	RES CMF 1/8W 5% 2K
R14815	243825	XX50884-120-L	RESISTOR
R14816	174365	XX11064-790	RES CMF 1/8W 5% 12K
R14817	178286	XX20471-450	RES CMF 1/8W 2% 680R
R14818	241259	XX20471-500-L	RESISTOR
R14819	178286	XX20471-450	RES CMF 1/8W 2% 680R
R14821	175312	XX11059-630	RES CF 1/4W 5% 680R
R14822	181073	XX90573-600	RES CMF 1/8W 5% 7.5K
R14823	211637	XX40438-310	RES CMF 1/10W 5% 13K
R14824	202069	XX11059-640-L	RESISTOR
R14825	206380	XX11064-770	RES CMF 1/8W 5% 4.7K
R14827	192097	XX30944-310	RES CMF 1/10W 5% 4.7K
R14833	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R14835	175317	XX30939-480-L	RESISTOR
R14836	174348	XX30942-990-C	RES CMF 1/8W 5% 1K
R14842	195939	XX30944-140	RES CMF 1/10W 2% 680R
R14844	192835	XX90573-690	RES CMF 1/8W 2% 15K
R14845	210245	XX50882-950	RES CF 1/4W 5% 100R
R14846	250738	XX80438-160-L	RESISTOR
R14900	175367	XX30939-610	RES CF 1/4W 2% 1.5K
R14901	228015	XX70431-300	⚠ RES MF 1/4W 1% 11.3K
R14902	176500	XX50883-790	⚠ RES MF 1/4W 1% 41.2K
R14903	241921	XX11065-170-L	⚠ RESISTOR
R14904	175355	XX11059-750	RES CF 1/4W 5% 300K
R14905	207883	XX30944-700	⚠ RES, CONTROL
R14906	174367	XX20471-390	⚠ RES CMF 1/8W 5% 22K
R14907	181485	XX90573-550	RES CMF 1/8W 5% 120R
R14908	206261	XX60443-710-C	RES CMF 1/8W 5% 10K
R14909	176818	XX30942-940	RES CMF 1/8W 5% 100R
R14910	179955	XX90571-130	RES CF 1/4W 5% 39K
R14912	174348	XX30942-990-C	RES CMF 1/8W 5% 1K
R14915	180369	XX70433-150	RES CMF 1/8W 5% 2K
RT14250	207768	XX30948-690	⚠ THERMISTOR
RT14501	243814	XX15398-440	⚠ POSISTOR
RT14502	243814	XX15398-440	⚠ POSISTOR
RT14602	232241	XX15112-21A	⚠ THERMISTOR
SPRI	233122	XX80444-95C	SPRING
T14100	249785	XX15439-920	⚠ TRANSFORMER
T14101	243856	XX15205-40A	⚠ TRANSFORMER
T14300	243858	XX15343-620	⚠ TRANSFORMER

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
T14451	243859	XX15383-310	⚠ TRANSFORMER
T14600	243860	XX15280-15D	⚠ TRANSFORMER
T14700	250789	XX15487-53C	⚠ TRANSFORMER, IHVT
T14751	250791	XX15417-800	⚠ TRANSFORMER
T14800	248012	XX15468-060	⚠ TRANSFORMER
U14100	223653	XX15045-69A	⚠ IC, OPTO ISOLATOR
U14101	231525	XX15069-010-E	IC REGULATOR
U14102	223653	XX15045-69A	⚠ IC, OPTO ISOLATOR
U14104	243626	XX15144-550	IC
U14301	243849	XX15317-160	IC
U14501	248007	XX15470-470	IC
U14601	223653	XX15045-69A	⚠ IC, OPTO ISOLATOR
U14602	231525	XX15069-010-E	IC REGULATOR (GCB)
U14603	231525	XX15069-010-E	IC REGULATOR
U14701	248008	XX15501-180	IC (CB)
U14702	223653	XX15045-69A	⚠ IC, OPTO ISOLATOR
U14711	243850	XX15348-320	IC
U14732	220195	XX46125-000	IC
U14750	231525	XX15069-010-E	⚠ IC REGULATOR
U14751	227963	XX15050-780	IC
U14752	231525	XX15069-010-E	⚠ IC REGULATOR (GCB)
U14775	243852	XX15068-180	⚠ IC
WIRE	154385	XX15144-220	WIRE TIE, TWIST END 1/2"
WIRE	233121	XX15073-360	WIRE TIE, PUSH MOUNT
WIRE	243886	XX15132-040	WIRE TIE, TWIST END 1"
WIRE	243887	XX15173-030	WIRE TIE, PUSH MOUNT

DM1-DTV306/7

CIR	250660	XX15474-900	⚠ DM1 INST MODULE FOR 306/7
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DM1-DTV306/7 POWER SUPPLY

BRAC	243214	XX15105-58C	BRACKET, GROUND
C14100	242880	XX11055-640	CAPCD .033UF Z Z5V 50V
C14101	242881	XX15269-040	⚠ CAPCD 1500PF M R 1KV
C14102	248985	XX15450-210	CAP LYTC 10UF +20% 63.0V 105C
C14103	248986	XX15450-230	CAP LYTC 2.2UF +20% 50.0V 105C
C14104	143879	XX80434-800	CAPCD 1000PF K Y5P 50V
C14105	224271	XX70427-650	CAP POLY .22UF K 63V
C14106	243397	XX15113-83A	⚠ CAPCD .0047UF 20%
C14107	250728	XX15597-710	⚠ CAP LYTC 470UF 200V 105DEG
C14108	233214	XX15113-790	⚠ CAPCD 3900PF M Y5U 250V
C14109	229322	XX10848-800	⚠ CAP POLY .1UF M 125V
C14110	243397	XX15113-83A	⚠ CAPCD .0047UF 20%
C14111	242880	XX11055-640	CAPCD .033UF Z Z5V 50V
C14112	232210	XX80434-460	CAP LYTC 560UF M 35V
C14113	248988	XX20856-330	CAP LYTC 4700UF 20% 10.0V 105C
C14114	242881	XX15269-040	⚠ CAPCD 1500PF M R 1KV
C14115	248988	XX20856-330	⚠ CAP LYTC 4700UF 20% 10.0V 105C
C14116	242884	XX15376-730-A	CAPACITOR
C14117	246954	XX15450-240-A	CAPACITOR

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
C14118	248989	XX15452-480	CAP LYTC 120UF +20% 63V 105C	CR14120	244108	XX15308-380	DIODE TYPE ERA15-06
C14119	143879	XX80434-800	CAPCD 1000PF K Y5P 50V	CR14121	244108	XX15308-380	DIODE TYPE ERA15-06
C14120	240934	XX70428-520	CAPCD .01UF K Y5P 50V	CR14122	244108	XX15308-380	DIODE TYPE ERA15-06
C14121	240097	XX15169-590	CAP LYTC 220UF 35V	CR14123	244108	XX15308-380	DIODE TYPE ERA15-06
C14122	240934	XX70428-520	CAPCD .01UF K Y5P 50V	CR14124	198589	XX70436-540	DIODE
C14123	232210	XX80434-460	CAP LYTC 560UF M 35V	CR14125	198589	XX70436-540	DIODE
C14124	200141	XX20467-040-A	CAP POLY .1UF K 63V	CR14126	198589	XX70436-540	DIODE
C14125	248985	XX15450-210	CAP LYTC 10UF +20% 63.0V 105C	CR14127	198589	XX70436-540	DIODE
C14126	200141	XX20467-040-A	CAP POLY .1UF K 63V	CR24501	232244	XX15090-270-A	DIODE
C14127	248985	XX15450-210	CAP LYTC 10UF +20% 63.0V 105C	CR24502	157301	XX60446-580	⚠ DIODE
C14128	200141	XX20467-040-A	CAP POLY .1UF K 63V	CR24503	198589	XX70436-540	DIODE
C14129	248985	XX15450-210	CAP LYTC 10UF +20% 63.0V 105C	CR24504	157301	XX60446-580	⚠ DIODE
C14130	143879	XX80434-800	CAPCD 1000PF K Y5P 50V	F14100	240105	XX15215-790	⚠ FUSE 3A
C14131	190523	XX20467-120	CAP POLY .22UF K 100V	FB14101	244100	XX15332-85B	⚠ TRANSFORMER FILTER CHOKE
C14132	246950	XX15169-610-A	CAPACITOR	FB14102	249000	XX15091-660	FBEAD BEAD 840HM
C14133	243788	XX15296-210-K	CAPACITOR	FB14103	249000	XX15091-660	FBEAD BEAD 840HM
C14134	217304	XX15045-800	⚠ CAPCD 680PF M Z5U 120V	FB14104	249000	XX15091-660	FBEAD BEAD 840HM
C24501	214748	XX11054-330	CAP POLY .033UF K 100V	FB14105	249000	XX15091-660	FBEAD BEAD 840HM
C24502	153575	XX40433-600	CAPCD 1000P J SL 50V	FL24501	223359	XX15064-060	COIL
C24503	214748	XX11054-330	CAP POLY .033UF K 100V	HEAT	249001	XX15351-98D	HEATSINK
C24506	143870	XX11055-340	CAPCD 100PF K Z5P 50V	HEAT	243278	XX15046-140	HEATSINK
C24507	227248	XX70427-760-A	CAPACITOR	HEAT	243215	XX15083-990	HEATSINK
C24508	232210	XX80434-460	CAP LYTC 560UF M 35V	INSU	237641	XX15088-670	INSULATOR
C24509	248990	XX15421-900	CAP LYTC 1000UF +20% 35V 105C	J14100	223696	XX80448-070	⚠ CONNECTOR, 9-PIN
C24511	246950	XX15169-610-A	CAPACITOR	J14101	226979	XX90581-960	⚠ CONNECTOR, 13-PIN
C24512	148067	XX90568-860	CAPCD 470PF K Z5P 50V	J14102	243527	XX11069-780	⚠ CONNECTOR, 14-PIN
CIR	250729	XX15319-720	⚠ CIRCUIT, POWER: DM1-DTV306/307	J41125	226525	XX30959-990	CONNECTOR, 2-PIN
CLIP	243623	XX15091-460	CLIP, TRANSISTOR(HORIZ MTG)	JW14101	NONSTK	XX15088-500	WIRE
CLIP	173269	XX15089-490	CLIP, TRANSISTOR	JW14102	NONSTK	XX15088-500	WIRE
CR14101	198589	XX70436-540	DIODE	JW14103	NONSTK	XX15088-500	WIRE
CR14102	198589	XX70436-540	DIODE	JW14104	NONSTK	XX15088-500	WIRE
CR14103	198589	XX70436-540	DIODE	JW14105	NONSTK	XX15088-500	WIRE
CR14104	243844	XX15103-710-B	DIODE	JW14106	NONSTK	XX15088-500	WIRE
CR14105	248995	XX15424-180-A	DIODE	JW14107	NONSTK	XX15088-500	WIRE
CR14106	244108	XX15308-380	DIODE TYPE ERA15-06	JW14108	NONSTK	XX15088-500	WIRE
CR14107	234048	XX15110-990-A	DIODE	JW14109	NONSTK	XX15088-500	WIRE
CR14108	234048	XX15110-990-A	DIODE	L14101	231899	XX15064-520	⚠ TRANSFORMER
CR14109	248996	XX15442-080-A	DIODE	L14103	242889	XX15237-820	COIL, 15UH
CR14110	248997	XX20475-020-A	DIODE	L14104	242889	XX15237-820	COIL, 15UH
CR14111	226456	XX90578-020	DIODE ZENER 10V .5W	Q14100	201152	XX10905-500	TRANSISTOR
CR14112	248998	XX15451-960-B	DIODE	Q14101	219025	XX15043-350-E	TRANSISTOR
CR14113	223651	XX15042-270-A	DIODE	Q14102	232218	XX15111-350-E	TRANSISTOR
CR14114	226456	XX90578-020	DIODE ZENER 10V .5W	Q14103	229220	XX15064-300-E	TRANSISTOR
CR14115	226463	XX11073-680-A	DIODE	Q14105	219025	XX15043-350-E	TRANSISTOR
CR14116	226456	XX90578-020	DIODE ZENER 10V .5W	Q14106	229220	XX15064-300-E	TRANSISTOR
CR14117	234048	XX15110-990-A	DIODE	Q14107	219025	XX15043-350-E	TRANSISTOR
CR14118	234048	XX15110-990-A	DIODE	Q14108	229220	XX15064-300-E	TRANSISTOR
CR14119	198589	XX70436-540	DIODE	Q24503	229220	XX15064-300-E	TRANSISTOR
				R14100	234388	XX15162-940-L	⚠ RESISTOR
				R14101	248991	XX20472-520	RES CF 3.9 OHM +5% 1/4W
				R14102	231515	XX11062-970-D	⚠ RES WW 3W 5% 1.8R
				R14104	210230	XX50882-970	RES CF 1/4W 5% 470R

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
R14105	242885	XX50883-610-L	RESISTOR
R14106	175312	XX11059-630	RES CF 1/4W 5% 680R
R14107	175413	XX40435-640-L	RESISTOR
R14108	179234	XX30939-860	RES CF 1/2W 5% 330K
R14109	202069	XX11059-640-L	RESISTOR
R14110	243727	XX20471-510	⚠ RES CF 1/4W 5% 15R
R14111	202069	XX11059-640-L	⚠ RESISTOR
R14112	242065	XX70433-410-L	⚠ RESISTOR
R14113	198667	XX30943-330	⚠ RES CFFP 1/4W 5% 100R
R14114	202069	XX11059-640-L	RESISTOR
R14115	175054	XX60441-580	RES CF 1/4W 5% 22K
R14116	175040	XX70430-510	⚠ RES CF 1/4W 5% 47R
R14117	238903	XX11058-000-L	⚠ RES CF 1/2W 5% 240R
R14118	210231	XX11059-670	RES CF 1/4W 5% 2.7K
R14119	220568	XX30939-360	RES CF 1/4W 5% 10R
R14120	176638	XX40435-680	RES CF 1/4W 5% 330K
R14121	175314	XX30939-490	RES CF 1/4W 5% 33K
R14122	230233	XX50882-980	● RES CF 1/4W 5% 820R
R14123	175322	XX40435-670	RES CF 1/4W 5% 47K
R14124	241862	XX70430-540-L	RESISTOR
R14125	190525	XX20472-210	RES CONTROL
R14126	179234	XX30939-860	RES CF 1/2W 5% 330K
R14127	177535	XX11059-620	RES CF 1/4W 5% 390R
R14128	190525	XX20472-210	RES CONTROL
R14129	175307	XX80436-970	RES CF 1/4W 5% 510R
R14130	227316	XX50884-790	RES WW 3W 5% 180R
R14131	210231	XX11059-670	RES CF 1/4W 5% 2.7K
R14134	175044	XX30939-510	RES CF 1/4W 5% 100K
R14135	175044	XX30939-510	RES CF 1/4W 5% 100K
R14136	175413	XX40435-640-L	RESISTOR
R14137	175317	XX30939-480-L	RESISTOR
R14138	175042	XX20469-460	RES CF 1/4W 5% 2.2K
R14139	239181	XX30941-460-D	RES WW 2W 5% .1R
R14140	210245	XX50882-950	RES CF 1/4W 5% 100R
R14141	202069	XX11059-640-L	RESISTOR
R24501	175314	XX30939-490	RES CF 1/4W 5% 33K
R24502	248992	XX30940-350	RESMF 7.87K +1% 1/4W
R24503	248993	XX11061-030-L	RESISTOR
R24504	176647	XX11059-890	RES CF 1/4W 2% 620R
R24505	240938	XX70430-740-L	RESISTOR
R24507	175044	XX40435-830	RES CF 1/4W 2% 100K
R24508	240938	XX70430-740-L	RESISTOR
R24509	240938	XX70430-740-L	RESISTOR
R24510	248994	XX15371-780-L	RESISTOR
R24511	175042	XX20469-460	RES CF 1/4W 5% 2.2K
R24512	242021	XX80438-030-L	RESISTOR
R24513	248993	XX11061-030-L	RESISTOR
R24514	202069	XX11059-640-L	RESISTOR
R24515	176801	XX11059-710-L	RES CF 1/4W 2% 56K
R24516	175306	XX60441-600	RES CF 1/4W 5% 68K
R24518	240938	XX70430-740-L	RESISTOR
R24519	175413	XX40435-640-L	RESISTOR
RT14100	242888	XX15236-46A	⚠ THERMISTOR

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
T14100	249012	XX15312-12D	⚠ TRANSFORMER SMT MAIN
U14101	223653	XX15045-69A	⚠ IC, OPTO ISOLATOR
U14102	231525	XX15069-010-E	IC REGULATOR
U14103	223830	XX15054-010	IC
U14104	248999	XX15413-720	IC PQ30RV31
U14105	243626	XX15144-550	IC
U24501	223682	XX46042-200	IC
U24502	232237	XX15065-580	IC
FRAME COMB			
C16301	220998	XX60438-930	CAP LYTC 1UF M 100V
C16302	200537	XX50882-230	CAPCC 10PF J NPO 50V
C16303	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16304	194903	XX60441-080	CAPCC 22PF J NPO 50V
C16305	194903	XX60441-080	CAPCC 22PF J NPO 50V
C16306	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16307	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16308	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16309	200537	XX50882-230	CAPCC 10PF J NPO 50V
C16310	197604	XX11058-640	CAPCC 27PF J NPO 50V
C16311	192049	XX40435-190	CAPCC 82PF J NPO 50V
C16312	192057	XX70430-040	CAPCC 91PF J NPO 50V
C16313	197604	XX11058-640	CAPCC 27PF J NPO 50V
C16314	192057	XX70430-040	CAPCC 91PF J NPO 50V
C16315	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16316	214032	XX30938-720	CAPCC 150PF J NPO 50V
C16317	198689	XX11059-340	CAPCC .01UF M X7R 50V
C16318	156239	XX30935-880	CAP LYTC 10UF M 63V
C16319	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16320	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16321	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16322	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16323	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16324	214728	XX80434-330	CAP LYTC 100UF M 10V
C16325	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16326	214028	XX30938-680	CAPCC 18PF J NPO 50V
C16327	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16328	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16329	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16330	182466	XX90578-090	CAP LYTC 330UF M 6.3V
C16331	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16332	192049	XX40435-190	CAPCC 82PF J NPO 50V
C16333	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16334	182466	XX90578-090	CAP LYTC 330UF M 6.3V
C16335	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16336	182466	XX90578-090	CAP LYTC 330UF M 6.3V
C16337	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16338	182466	XX90578-090	CAP LYTC 330UF M 6.3V
C16339	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16340	189979	XX80434-350	CAP LYTC 47UF M 25V
C16341	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16342	222008	XX15041-170	CAPCC .1UF K X7R 25V
C16343	192049	XX40435-190	CAPCC 82PF J NPO 50V

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
C16344	222008	XX15041-170	CAPCC .1UF K X7R 25V	Q16307	215496	XX30946-660	TRANSISTOR
C16345	222008	XX15041-170	CAPCC .1UF K X7R 25V	Q16308	216434	XX11070-770	TRANSISTOR
C16346	222008	XX15041-170	CAPCC .1UF K X7R 25V	Q16309	215496	XX30946-660	TRANSISTOR
C16347	200537	XX50882-230	CAPCC 10PF J NPO 50V	Q16310	215496	XX30946-660	TRANSISTOR
C16348	194902	XX50882-370	CAPCC 120PF J NPO 50V	Q16311	215496	XX30946-660	TRANSISTOR
C16349	214032	XX30938-720	CAPCC 150PF J NPO 50V	Q16312	215496	XX30946-660	TRANSISTOR
C16350	197600	XX11059-320	CAPCC 1000PF K X7R 50V	Q16313	216434	XX11070-770	TRANSISTOR
C16351	220998	XX60438-930	CAP LYTC 1UF M 100V	Q16314	216434	XX11070-770	TRANSISTOR
C16352	222008	XX15041-170	CAPCC .1UF K X7R 25V	R16301	218508	XX70434-200	RES CMF 1/10W 5% 100R
C16353	214032	XX30938-720	CAPCC 150PF J NPO 50V	R16302	202585	XX40438-150	RES CMF 1/10W 2% 510R
CIR	248520	XX15433-710	● CIRCUIT, FRAME COMB (CB)	R16303	205337	XX50886-420	RES CMF 1/10W 2% 360R
CIR	248523	XX15528-310	● CIRCUIT, FRAME COMB (GCB)	R16304	205337	XX50886-420	RES CMF 1/10W 2% 360R
COV	248543	XX15340-78A	● COVER, TOP & BOTTOM (CB)	R16305	194926	XX90574-240	RES CMF 1/10W 2% 470R
CR16301	232709	XX15577-300	DIODE (GCB)	R16306	218508	XX70434-200	RES CMF 1/10W 5% 100R
CR16301	232709	XX15077-060	DIODE (CB)	R16307	218508	XX70434-200	RES CMF 1/10W 5% 100R
CR16302	236654	XX15043-240	DIODE, LED(RED)	R16308	194926	XX90574-240	RES CMF 1/10W 2% 470R
CV16301	248543	XX15340-78A	● COVER, TOP & BOTTOM (GCB)	R16309	194926	XX90574-240	RES CMF 1/10W 2% 470R
CV16302	248543	XX15340-78A	● COVER, TOP & BOTTOM (GCB)	R16310	195929	XX11066-240	RES CMF 1/10W 2% 330R
FB16301	215546	XX10045-070	BEAD	R16311	194926	XX90574-240	RES CMF 1/10W 2% 470R
FB16302	226467	XX50895-750	BEAD	R16312	192100	XX20471-950	RES CMF 1/10W 5% 1K
FB16303	215546	XX10045-070	BEAD	R16313	194926	XX90574-240	RES CMF 1/10W 2% 470R
FB16304	215546	XX10045-070	BEAD	R16314	192084	XX50886-630	RES CMF 1/10W 5% 100K
FB16305	215546	XX10045-070	BEAD	R16316	192097	XX30944-170	RES CMF 1/10W 2% 4.7K
J16301	242896	XX15204-720	CONNECTOR, 10-PIN	R16317	192084	XX50886-630	RES CMF 1/10W 5% 100K
JC16301	205408	XX80440-510	RES CMF 1/10W 0% 0R	R16318	192100	XX20471-950	RES CMF 1/10W 5% 1K
JC16302	205408	XX80440-510	RES CMF 1/10W 0% 0R	R16319	218508	XX70434-200	RES CMF 1/10W 5% 100R
JC16303	205408	XX80440-510	RES CMF 1/10W 0% 0R	R16320	205308	XX30944-250	RES CMF 1/10W 5% 10R
JC16304	205408	XX80440-510	RES CMF 1/10W 0% 0R	R16321	192097	XX30944-170	RES CMF 1/10W 2% 4.7K
JC16305	205408	XX80440-510	RES CMF 1/10W 0% 0R	R16322	192089	XX70434-060	RES CMF 1/10W 2% 220R
L16302	243675	XX14009-140-C	COIL (CB)	R16323	205308	XX30944-250	RES CMF 1/10W 5% 10R
L16302	243675	XX14009-140	COIL, 10UH	R16324	246465	XX70434-290	RES CMF 1/10W 5% 220K
L16303	243675	XX14009-140-C	COIL (CB)	R16325	205364	XX50886-460	RES CMF 1/10W 2% 47K
L16303	243675	XX14009-140	COIL, 10UH	R16326	192096	XX80440-390	RES CMF 1/10W 5% 2.2K
L16304	238094	XX14006-840-C	COIL 15UH (CB)	R16327	192100	XX20471-950	RES CMF 1/10W 5% 1K
L16304	238094	XX14006-840	COIL, 15UH	R16328	194926	XX90574-240	RES CMF 1/10W 2% 470R
L16305	195713	XX11066-650	COIL, 47UH	R16329	192097	XX30944-170	RES CMF 1/10W 2% 4.7K
L16306	238094	XX14006-840	COIL, 15UH	R16332	205338	XX70434-070	RES CMF 1/10W 2% 560R
L16307	195713	XX11066-650	COIL, 47UH	R16333	202069	XX11059-640	RES CF 1/4W 5% 1K
L16308	195713	XX11066-650	COIL, 47UH	R16334	202585	XX40438-150	RES CMF 1/10W 2% 510R
L16309	195713	XX11066-650	COIL, 47UH	R16336	192097	XX30944-170	RES CMF 1/10W 2% 4.7K
L16310	235445	XX50890-840	COIL, 10UH	R16337	195929	XX11066-240	RES CMF 1/10W 2% 330R
L16311	243499	XX14041-780	COIL, 12UH	R16338	192097	XX30944-170	RES CMF 1/10W 2% 4.7K
L16312	243499	XX14041-780	COIL, 12UH	R16339	192097	XX30944-170	RES CMF 1/10W 2% 4.7K
L16313	243892	XX14006-820	COIL, 5.6UH	R16340	218508	XX70434-200	RES CMF 1/10W 5% 100R
L16314	243672	XX14009-130	COIL, 4.7UH	R16341	218508	XX70434-200	RES CMF 1/10W 5% 100R
Q16301	216434	XX11070-770	TRANSISTOR	R16342	192097	XX30944-170	RES CMF 1/10W 2% 4.7K
Q16302	215496	XX30946-660	TRANSISTOR	R16343	194926	XX90574-240	RES CMF 1/10W 2% 470R
Q16303	216434	XX11070-770	TRANSISTOR	R16344	205326	XX50886-390	RES CMF 1/10W 2% 56R
Q16304	215496	XX30946-660	TRANSISTOR	R16345	192097	XX30944-170	RES CMF 1/10W 2% 4.7K
Q16305	215496	XX30946-660	TRANSISTOR	R16346	194926	XX90574-240	RES CMF 1/10W 2% 470R
Q16306	216434	XX11070-770	TRANSISTOR	R16347	192099	XX40438-130	RES CMF 1/10W 2% 100R
				RN16301	243669	XX15395-940	RESISTOR NETWORK
				RN16302	243669	XX15395-940	RESISTOR NETWORK

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
RN16303	243669	XX15395-940-C	RESISTOR (CB)
RN16303	243669	XX15395-940	RESISTOR NETWORK
RN16304	243669	XX15395-940	RESISTOR NETWORK
RN16304	243669	XX15395-940-C	RESISTOR (CB)
SHI	249483	XX15340-76A ●	SHIELD, WRAP (GCB)
U16301	248541	XX15465-690	IC
U16302	248542	XX15465-590	IC
Y16301	227894	XX15051-760	CRYSTAL, 20MHZ

FRONT PANEL

C13401	214073	XX70427-750	CAP POLY .01UF K 100V
C13402	237535	XX13074-800-A	CAP LYTC 22UF M 10V
CIR	250847	XX15472-510	⚠ CIRCUIT, FPA
IR13401	245282	XX15379-320	IC IR RECIEVER
J13401	242896	XX15204-720	CONNECTOR, 10-PIN
JW13401	NONSTK	XX15088-500	WIRE
JW13402	NONSTK	XX15088-500	WIRE
JW13403	NONSTK	XX15088-500	WIRE
JW13404	NONSTK	XX15088-500	WIRE
JW13405	NONSTK	XX15088-500	WIRE
JW13410	NONSTK	XX15088-500	WIRE
JW13411	NONSTK	XX15088-500	WIRE
JW13417	NONSTK	XX15088-500	WIRE
JW13419	NONSTK	XX15088-500	WIRE
JW13420	NONSTK	XX15088-500	WIRE
JW13421	NONSTK	XX15088-500	WIRE
R13401	210245	XX50882-950	RES CF 1/4W 5% 100R
R13402	202069	XX11059-640-L	RESISTOR
R13403	210245	XX50882-950	RES CF 1/4W 5% 100R
SW13410	240098	XX15143-550	SWITCH, W/GREEN LED
SW13411	245531	XX15397-460	SWITCH
SW13420	245531	XX15397-460	SWITCH
SW13421	245531	XX15397-460	SWITCH
SW13430	245531	XX15397-460	SWITCH
SW13431	245531	XX15397-460	SWITCH
SW13440	245531	XX15397-460	SWITCH
SW13441	245531	XX15397-460	SWITCH

IN/OUT

C11300	156239	XX30935-880	CAP LYTC 10UF M 63V
C11301	156239	XX30935-880	CAP LYTC 10UF M 63V
C11304	156239	XX30935-880	CAP LYTC 10UF M 63V
C11305	156239	XX30935-880	CAP LYTC 10UF M 63V
C11306	223350	XX60438-960-A	CAP LYTC 100UF M 35V
C11308	227351	XX15064-640	CAP LYTC 470UF M 16V
C11310	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C11400	156239	XX30935-880	CAP LYTC 10UF M 63V
C11405	156239	XX30935-880	CAP LYTC 10UF M 63V
C11406	156239	XX30935-880	CAP LYTC 10UF M 63V
C11407	156239	XX30935-880	CAP LYTC 10UF M 63V
C11408	156239	XX30935-880	CAP LYTC 10UF M 63V
C11409	156239	XX30935-880	CAP LYTC 10UF M 63V
C11410	156239	XX30935-880	CAP LYTC 10UF M 63V

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
C11417	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11418	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11419	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11420	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11421	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11422	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11423	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C11424	243275	XX80440-760-A	CAPACITOR
C11425	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C11426	243401	XX15049-340-C	CAPACITOR
C11427	243401	XX15049-340-C	CAPACITOR
C11428	243275	XX80440-760-A	CAPACITOR
C11429	243401	XX15049-340-C	CAPACITOR
C11430	243401	XX15049-340-C	CAPACITOR
C11431	243401	XX15049-340-C	CAPACITOR
C11432	243401	XX15049-340-C	CAPACITOR
C11433	243401	XX15049-340-C	CAPACITOR
C11434	243401	XX15049-340-C	CAPACITOR
C11435	243401	XX15049-340-C	CAPACITOR
C11436	243401	XX15049-340-C	CAPACITOR
C11437	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C11438	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11439	156239	XX30935-880	CAP LYTC 10UF M 63V
C11440	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11441	156239	XX30935-880	CAP LYTC 10UF M 63V
C11442	214728	XX80434-330	CAP LYTC 100UF M 10V (CB)
C11442	243275	XX80440-760-A	CAPACITOR (GCB)
C11445	243401	XX15049-340-C	CAPACITOR
C11446	243401	XX15049-340-C	CAPACITOR
C11447	243401	XX15049-340-C	CAPACITOR
C11448	243401	XX15049-340-C	CAPACITOR
C11449	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C11501	195691	XX50880-220-A	CAPACITOR
C11502	156239	XX30935-880	CAP LYTC 10UF M 63V
C11503	195691	XX50880-220-A	CAPACITOR
C11504	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C11518	190499	XX40433-160	CAP LYTC 4.7UF M 100V
C11519	190499	XX40433-160	CAP LYTC 4.7UF M 100V
C11700	190499	XX40433-160	CAP LYTC 4.7UF M 100V
C11701	190499	XX40433-160	CAP LYTC 4.7UF M 100V
C11702	205230	XX20469-340-C	CAPACITOR
C11703	194911	XX50882-360	CAPCC 33PF J NPO 50V
C11704	156239	XX30935-880	CAP LYTC 10UF M 63V
C11705	193043	XX60438-950	CAP LYTC 47UF M 35V
C11706	220155	XX11058-710	CAPCC 560PF J NPO 50V
C11707	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C11708	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C11709	217298	XX15040-860-C	CAPCC 0.22UF Z Y5V 25V
C11710	195689	XX11059-340-C	CAPACITOR
C11711	214731	XX80436-850-C	CAPACITOR
C11712	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C11805	243401	XX15049-340-C	CAPACITOR
C11806	243401	XX15049-340-C	CAPACITOR

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
C11807	227898	XX40438-610-A	CAP LYTC 470UF M 16V	C11937	216078	XX15049-370-C	CAPCC 1UF Z 16V
C11808	200537	XX50882-230-C	CAPACITOR	C11938	190552	XX70427-610	CAPCC .1UF K X7R 50V
C11809	200537	XX50882-230-C	CAPACITOR	C11939	193340	XX11058-670	CAPCC 100PF J NPO 50V
C11810	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C11940	193043	XX60438-950	CAP LYTC 47UF M 35V
C11811	156239	XX30935-880	CAP LYTC 10UF M 63V	C11941	156239	XX30935-880	CAP LYTC 10UF M 63V
C11812	201131	XX11054-130	CAPCC .18UF Z Y5V 50V	C11943	222008	XX15041-170-C	CAPCC .1UF K X7R 25V (GCB)
C11813	174422	XX60438-490-C	CAPCC 2700PF K X7R 50V	C11943	223350	XX60438-960-A	CAP LYTC 100UF M 35V (CB)
C11814	201131	XX11054-130	CAPCC .18UF Z Y5V 50V	C11944	193340	XX11058-670	CAPCC 100PF J NPO 50V
C11815	174422	XX60438-490-C	CAPCC 2700PF K X7R 50V	C11947	175119	XX80440-780	CAP LYTC 1000UF M 35V
C11816	201131	XX11054-130	CAPCC .18UF Z Y5V 50V	C11948	193340	XX11058-670	CAPCC 100PF J NPO 50V
C11817	201131	XX11054-130	CAPCC .18UF Z Y5V 50V	C11949	193340	XX11058-670	CAPCC 100PF J NPO 50V (CB)
C11900	243275	XX80440-760-A	CAPACITOR	C11950	206401	XX70438-370	CAPCC .39UF Z Y5V 25V
C11901	175119	XX80440-780	CAP LYTC 1000UF M 35V	C11951	206401	XX70438-370	CAPCC .39UF Z Y5V 25V
C11902	175119	XX80440-780	CAP LYTC 1000UF M 35V	C11952	222008	XX15041-170-C	CAPCC .1UF K X7R 25V (GCB)
C11903	190499	XX40433-160	CAP LYTC 4.7UF M 100V	C11953	222008	XX15041-170-C	CAPCC .1UF K X7R 25V (GCB)
C11904	190499	XX40433-160	CAP LYTC 4.7UF M 100V	C13101	195689	XX11059-340-C	CAPACITOR
C11905	243275	XX80440-760-A	CAPACITOR	C13102	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C11906	223350	XX60438-960-A	CAP LYTC 100UF M 35V (CB)	C13103	193340	XX11058-670	CAPCC 100PF J NPO 50V
C11906	216078	XX15049-370-C	CAPCC 1UF Z 16V (GCB)	C13104	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C11907	216078	XX15049-370-C	CAPCC 1UF Z 16V (GCB)	C13105	220998	XX60438-930	CAP LYTC 1UF M 100V
C11907	195691	XX50880-220-A	CAPACITOR (CB)	C13106	231459	XX20469-390	CAPCC 24PF G NPO 50V
C11908	175119	XX80440-780	CAP LYTC 1000UF M 35V	C13107	231459	XX20469-390	CAPCC 24PF G NPO 50V
C11909	195689	XX11059-340-C	CAPACITOR	C13111	181460	XX50879-870-C	CAPCC 1000PF K X7R 50V
C11910	205230	XX20469-340-C	CAPACITOR	C13113	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C11911	193340	XX11058-670	CAPCC 100PF J NPO 50V (CB)	C13114	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11911	205551	XX30938-730-C	CAPACITOR (GCB)	C13115	195689	XX11059-340-C	CAPACITOR
C11912	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C13116	195689	XX11059-340-C	CAPACITOR
C11913	220155	XX11058-710	CAPCC 560PF J NPO 50V	C13117	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C11914	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C13118	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11915	197600	XX11059-320	CAPCC 1000PF K X7R 50V	C13119	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C11916	193340	XX11058-670	CAPCC 100PF J NPO 50V	C13120	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11917	197600	XX11059-320	CAPCC 1000PF K X7R 50V	C13121	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11918	220155	XX11058-710	CAPCC 560PF J NPO 50V	C13125	195689	XX11059-340-C	CAPACITOR
C11919	193340	XX11058-670	CAPCC 100PF J NPO 50V	C13126	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11920	197600	XX11059-320	CAPCC 1000PF K X7R 50V	C13128	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11921	197600	XX11059-320	CAPCC 1000PF K X7R 50V	C13130	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11922	205230	XX20469-340-C	CAPACITOR	C13131	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11923	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C13132	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11924	193340	XX11058-670	CAPCC 100PF J NPO 50V (CB)	C13133	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11924	205551	XX30938-730-C	CAPACITOR (GCB)	C13134	156239	XX30935-880	CAP LYTC 10UF M 63V
C11925	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C13138	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11926	193340	XX11058-670	CAPCC 100PF J NPO 50V	C13144	193579	XX11054-660	CAP LYTC 220UF M 10V
C11927	193340	XX11058-670	CAPCC 100PF J NPO 50V (CB)	C13147	193340	XX11058-670	CAPCC 100PF J NPO 50V
C11927	222008	XX15041-170-C	CAPCC .1UF K X7R 25V (GCB)	C13163	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C11928	156239	XX30935-880	CAP LYTC 10UF M 63V	C13166	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11929	156239	XX30935-880	CAP LYTC 10UF M 63V	C13167	193340	XX11058-670	CAPCC 100PF J NPO 50V
C11930	227898	XX40438-610-A	CAP LYTC 470UF M 16V	C13168	205551	XX30938-730-C	CAPACITOR
C11931	202011	XX90568-300-A	CAP POLY .1UF J 63V	C13169	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C11932	202011	XX90568-300-A	CAP POLY .1UF J 63V	C13170	193340	XX11058-670	CAPCC 100PF J NPO 50V
C11933	181840	XX40432-920-A	CAPACITOR	C13171	193340	XX11058-670	CAPCC 100PF J NPO 50V
C11934	181840	XX40432-920-A	CAPACITOR	C13172	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C11935	190552	XX70427-610	CAPCC .1UF K X7R 50V	C13208	214028	XX30938-680	CAPCC 18PF J NPO 50V
C11936	216078	XX15049-370-C	CAPCC 1UF Z 16V	C13209	214028	XX30938-680	CAPCC 18PF J NPO 50V

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
C13210	214028	XX30938-680	CAPCC 18PF J NPO 50V	C18116	217298	XX15040-860-C	CAPCC 0.22UF Z Y5V 25V
C13211	193339	XX30938-700-C	CAPCC 68PF J NPO 50V	C18118	200537	XX50882-230-C	CAPACITOR
C13212	193339	XX30938-700-C	CAPCC 68PF J NPO 50V	C18119	220150	XX40435-170	CAPCC 20PF J NPO 50V
C13213	193339	XX30938-700-C	CAPCC 68PF J NPO 50V	C18120	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C13214	193917	XX60440-980	CAPCC 5PF C NPO 50V	C18121	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C13215	214028	XX30938-680	CAPCC 18PF J NPO 50V	C18122	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C13219	195689	XX11059-340-C	CAPACITOR	C18123	193340	XX11058-670	CAPCC 100PF J NPO 50V
C13227	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C18124	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C13228	222008	XX15041-170-C	CAPCC .1UF K X7R 25V (CB)	C18125	193340	XX11058-670	CAPCC 100PF J NPO 50V
C13241	222008	XX15041-170-C	CAPCC .1UF K X7R 25V (CB)	C18126	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C13301	197607	XX11059-330	CAPCC 2200PF K X7R 50V	C18127	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C13302	197607	XX11059-330	CAPCC 2200PF K X7R 50V	C18128	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C13307	197600	XX11059-320	CAPCC 1000PF K X7R 50V	C18129	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C13312	193340	XX11058-670	CAPCC 100PF J NPO 50V	C18130	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C16500	156239	XX30935-880	CAP LYTC 10UF M 63V	C18131	194366	XX80434-390	CAP LYTC 100UF M 16V
C16501	156239	XX30935-880	CAP LYTC 10UF M 63V	C18132	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C16502	156239	XX30935-880	CAP LYTC 10UF M 63V	C18133	194366	XX80434-390	CAP LYTC 100UF M 16V
C16503	156239	XX30935-880	CAP LYTC 10UF M 63V	C18134	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C16504	156239	XX30935-880	CAP LYTC 10UF M 63V	C18135	197604	XX11058-640-C	CAPCC 27PF J NPO 50V
C16505	156239	XX30935-880	CAP LYTC 10UF M 63V	C18137	192057	XX70430-040	CAPCC 91PF J NPO 50V
C16506	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C18139	192049	XX40435-190	CAPCC 82PF J NPO 50V
C16507	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C18140	192049	XX40435-190	CAPCC 82PF J NPO 50V
C16508	205227	XX20468-970	CAPCC 330PF J NPO 50V	C18142	205551	XX30938-730-C	CAPACITOR
C16509	227017	XX15003-240	CAP LYTC 10UF M 16V	C18144	205227	XX20468-970	CAPCC 330PF J NPO 50V
C16511	193043	XX60438-950	CAP LYTC 47UF M 35V	C18145	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C16512	227017	XX15003-240	CAP LYTC 10UF M 16V	C18146	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C16513	227017	XX15003-240	CAP LYTC 10UF M 16V	C18147	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C16514	227017	XX15003-240	CAP LYTC 10UF M 16V	C18148	220132	XX15041-150-C	CAPCC .33UF Z Y5V 25V
C16515	215555	XX60438-510	CAPCC .01UF M X7R 50V	C18149	214028	XX30938-680	CAPCC 18PF J NPO 50V
C16516	197600	XX11059-320	CAPCC 1000PF K X7R 50V	C18151	193340	XX11058-670	CAPCC 100PF J NPO 50V
C16517	215555	XX60438-510	CAPCC .01UF M X7R 50V	C18152	220132	XX15041-150-C	CAPCC .33UF Z Y5V 25V
C16518	215555	XX60438-510	CAPCC .01UF M X7R 50V	C18153	220132	XX15041-150-C	CAPCC .33UF Z Y5V 25V
C16520	192049	XX40435-190	CAPCC 82PF J NPO 50V	C18154	210689	XX40435-180	CAPCC 47PF J NPO 50V
C16521	156239	XX30935-880	CAP LYTC 10UF M 63V	C18156	193340	XX11058-670	CAPCC 100PF J NPO 50V
C16522	227017	XX15003-240	CAP LYTC 10UF M 16V	C18158	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C16526	194366	XX80434-390	CAP LYTC 100UF M 16V	C18159	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C16527	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C18160	210689	XX40435-180	CAPCC 47PF J NPO 50V
C18100	200537	XX50882-230-C	CAPACITOR	C18161	210689	XX40435-180	CAPCC 47PF J NPO 50V
C18101	200537	XX50882-230-C	CAPACITOR	C18162	210689	XX40435-180	CAPCC 47PF J NPO 50V
C18102	214028	XX30938-680	CAPCC 18PF J NPO 50V	C18163	210689	XX40435-180	CAPCC 47PF J NPO 50V
C18103	194902	XX50882-370-C	CAPACITOR	C18164	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C18104	192049	XX40435-190	CAPCC 82PF J NPO 50V	C18165	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C18105	214032	XX30938-720-C	CAPACITOR	C18166	220218	XX15047-980	CAPCC .033UF K X7R 50V
C18106	220132	XX15041-150-C	CAPCC .33UF Z Y5V 25V	C18167	192057	XX70430-040	CAPCC 91PF J NPO 50V
C18107	220132	XX15041-150-C	CAPCC .33UF Z Y5V 25V	C18168	194366	XX80434-390	CAP LYTC 100UF M 16V
C18108	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C18170	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C18109	220132	XX15041-150-C	CAPCC .33UF Z Y5V 25V	C18171	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C18110	220132	XX15041-150-C	CAPCC .33UF Z Y5V 25V	C18172	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C18111	197600	XX11059-320	CAPCC 1000PF K X7R 50V	C18173	193340	XX11058-670	CAPCC 100PF J NPO 50V
C18112	220132	XX15041-150-C	CAPCC .33UF Z Y5V 25V	C22300	195691	XX50880-220-A	CAPACITOR
C18113	197600	XX11059-320	CAPCC 1000PF K X7R 50V	C22301	195691	XX50880-220-A	CAPACITOR
C18114	217298	XX15040-860-C	CAPCC 0.22UF Z Y5V 25V	C22302	194366	XX80434-390	CAP LYTC 100UF M 16V
C18115	220218	XX15047-980	CAPCC .033UF K X7R 50V	C22303	222008	XX15041-170-C	CAPCC .1UF K X7R 25V

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
C22304	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C22418	195689	XX11059-340-C	CAPACITOR
C22305	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C22419	220998	XX60438-930	CAP LYTC 1UF M 100V
C22306	195691	XX50880-220-A	CAPACITOR	C22420	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C22307	195691	XX50880-220-A	CAPACITOR	C22421	193043	XX60438-950	CAP LYTC 47UF M 35V
C22308	195691	XX50880-220-A	CAPACITOR	C22422	220998	XX60438-930	CAP LYTC 1UF M 100V
C22309	195691	XX50880-220-A	CAPACITOR	C22423	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C22310	195691	XX50880-220-A	CAPACITOR	C22424	239175	XX80434-120	CAP POLY .001UF M 100V
C22311	190499	XX40433-160	CAP LYTC 4.7UF M 100V	C22425	217298	XX15040-860-C	CAPCC 0.22UF Z Y5V 25V
C22312	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C22426	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C22313	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C22427	192049	XX40435-190	CAPCC 82PF J NPO 50V
C22314	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C22428	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C22315	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C22429	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C22316	220132	XX15041-150-C	CAPCC .33UF Z Y5V 25V	C22430	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C22317	214756	XX11054-750-A	CAP LYTC 15UF M 63V	C22431	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C22319	227898	XX40438-610-A	CAP LYTC 470UF M 16V	C22432	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C22320	217298	XX15040-860-C	CAPCC 0.22UF Z Y5V 25V	C22433	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C22322	197601	XX30939-240-C	CAPCC .022UF K X7R 50V	C38300	216078	XX15049-370-C	CAPCC 1UF Z 16V
C22323	190527	XX15049-060	CAP LYTC 2.2UF M 50V	C38301	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C22324	195689	XX11059-340-C	CAPACITOR	C38302	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C22325	197607	XX11059-330	CAPCC 2200PF K X7R 50V	C38303	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C22326	217298	XX15040-860-C	CAPCC 0.22UF Z Y5V 25V	C38304	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C22327	219205	XX80436-490	CAPCC 12PF J NPO 50V	C38305	217298	XX15040-860-C	CAPCC 0.22UF Z Y5V 25V
C22328	190499	XX40433-160	CAP LYTC 4.7UF M 100V	C38307	194366	XX80434-390	CAP LYTC 100UF M 16V
C22329	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C38308	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C22330	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C38309	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C22331	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C38312	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C22335	223350	XX60438-960-A	CAP LYTC 100UF M 35V	C38313	214732	XX30938-740-C	CAPACITOR (CB)
C22336	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C38313	204274	XX70430-050	CAPCC 390PF J NPO 50V (GCB)
C22337	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C38316	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C22340	193340	XX11058-670	CAPCC 100PF J NPO 50V	C38317	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C22348	193043	XX60438-950	CAP LYTC 47UF M 35V	C41125	220998	XX60438-930	CAP LYTC 1UF M 100V
C22349	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C41126	193043	XX60438-950	CAP LYTC 47UF M 35V
C22350	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C41127	195689	XX11059-340-C	CAPACITOR
C22354	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C41128	193043	XX60438-950	CAP LYTC 47UF M 35V
C22355	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C41275	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C22356	220132	XX15041-150-C	CAPCC .33UF Z Y5V 25V (GCB)	C41276	205551	XX30938-730-C	CAPACITOR
C22401	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C41278	195689	XX11059-340-C	CAPACITOR
C22402	195691	XX50880-220-A	CAPACITOR	C41279	214073	XX70427-750	CAP POLY .01UF K 100V
C22403	195691	XX50880-220-A	CAPACITOR	C41280	214073	XX70427-750	CAP POLY .01UF K 100V
C22404	195691	XX50880-220-A	CAPACITOR	CLIP	173269	XX15089-490	CLIP, TRANSISTOR
C22405	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	COVE	243916	XX15249-04E	● COVER, TOP & BTM-CNTRL SHLD (GCB)
C22406	195691	XX50880-220-A	CAPACITOR	COVE	243917	XX15249-24E	● COVER, TOP & BTM-FPIP SHIELD
C22407	195691	XX50880-220-A	CAPACITOR	COVE	243916	XX15249-04D	● COVER, TOP & BTM-CNTRL SHLD (CB)
C22408	195691	XX50880-220-A	CAPACITOR	CR11301	232709	XX15577-300	DIODE
C22409	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	CR11302	232709	XX15577-300	DIODE
C22410	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	CR11303	232709	XX15577-300	DIODE
C22411	194366	XX80434-390	CAP LYTC 100UF M 16V	CR11401	237472	XX15182-880	DIODE, ZENER 6.2V .5W
C22412	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	CR11501	232709	XX15577-300	DIODE
C22413	194366	XX80434-390	CAP LYTC 100UF M 16V	CR11502	232709	XX15577-300	DIODE
C22414	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	CR11503	232709	XX15577-300	DIODE
C22415	222008	XX15041-170-C	CAPCC .1UF K X7R 25V				
C22416	222008	XX15041-170-C	CAPCC .1UF K X7R 25V				
C22417	220998	XX60438-930	CAP LYTC 1UF M 100V				

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
CR11700	223783	XX20475-410-A	DIODE ZENER 6.2V .5W	CR41121	232709	XX15577-300	DIODE
CR11801	225702	XX20475-030-A	DIODE	FB11901	226467	XX50895-750-L	BEAD (CB)
CR11802	232709	XX15577-300	DIODE	FB11902	226467	XX50895-750-L	BEAD (CB)
CR11902	232709	XX15577-300	DIODE (GCB)	FB11903	226467	XX50895-750-L	BEAD (CB)
CR11903	232709	XX15577-300	DIODE (GCB)	FB13101	226467	XX50895-750-L	BEAD
CR11904	250663	XX15595-630-B	DIODE (GCB)	FB13219	215546	XX10045-070-C	BEAD (CB)
CR11904	232710	XX15080-480	DIODE, ZENER 6.8V .5W (CB)	FB18100	226467	XX50895-750-L	BEAD
CR11905	250663	XX15595-630-B	DIODE (GCB)	FB18101	226467	XX50895-750-L	BEAD
CR11905	232710	XX15080-480	DIODE, ZENER 6.8V .5W (CB)	FB18102	215546	XX10045-070-C	BEAD
CR11906	232709	XX15577-300	DIODE	FB18103	215546	XX10045-070-C	BEAD
CR11907	232709	XX15577-300	DIODE	FB18104	215546	XX10045-070-C	BEAD
CR11908	232709	XX15577-300	DIODE	FB18105	215546	XX10045-070-C	BEAD
CR11909	220637	XX30948-800	DIODE, ZENER 12V .5W	FB18106	215546	XX10045-070-C	BEAD
CR11910	250663	XX15595-630-B	DIODE (GCB)	FB18107	226467	XX50895-750-L	BEAD
CR11910	232710	XX15080-480	DIODE, ZENER 6.8V .5W (CB)	FRAM	243938	XX15249-22A	● FRAME, FPIIP SHIELD
CR11911	232710	XX15080-480	DIODE, ZENER 6.8V .5W (CB)	FRAM	243937	XX15249-02C	● FRAME, CONTROL SHIELD
CR11911	250663	XX15595-630-B	DIODE (GCB)	HEAT	243922	XX15129-28A	HEATSINK
CR13101	231865	XX80444-130	DIODE ZENER 3.9V .5W	HEAT	243278	XX15046-140	HEATSINK
CR13201	232709	XX15577-300	DIODE (GCB)	INSU	214613	XX15088-690	INSULATOR
CR16500	232710	XX15080-480	DIODE, ZENER 6.8V .5W (CB)	J11300	245501	XX15265-12B	JACK, PHONO: 2-HIGH
CR16500	250663	XX15595-630-B	DIODE (GCB)	J11301	245501	XX15265-12B	JACK, PHONO: 2-HIGH
CR16501	250663	XX15595-630-B	DIODE (GCB)	J11402	242749	XX15204-710	CONNECTOR, 8-PIN
CR16501	232710	XX15080-480	DIODE, ZENER 6.8V .5W (CB)	J11403	245501	XX15265-12B	JACK, PHONO: 2-HIGH
CR16502	250663	XX15595-630-B	DIODE (GCB)	J11900	226499	XX50894-560	⚠ CONNECTOR, 4-PIN
CR16502	232710	XX15080-480	DIODE, ZENER 6.8V .5W (CB)	J11901	246639	XX15393-37A	⚠ CONNECTOR, 4-PIN
CR16503	232710	XX15080-480	DIODE, ZENER 6.8V .5W (CB)	J13107	227401	XX15049-700	CONNECTOR, 5-PIN
CR16503	250663	XX15595-630-B	DIODE (GCB)	J13202	237508	XX20479-220	CONNECTOR, 6-PIN: SERVICE
CR16504	232710	XX15080-480	DIODE, ZENER 6.8V .5W (CB)	J16501	243927	XX15279-35A	JACK, PHONO: 3-HIGH W/SVHS
CR16504	250663	XX15595-630-B	DIODE (GCB)	J16502	243927	XX15279-35A	JACK, PHONO: 3-HIGH W/SVHS
CR16505	250663	XX15595-630-B	DIODE (GCB)	J16503	243927	XX15279-35A	JACK, PHONO: 3-HIGH W/SVHS
CR16505	232710	XX15080-480	DIODE, ZENER 6.8V .5W (CB)	J16504	242851	XX15204-730	⚠ CONNECTOR, 12-PIN
CR16506	232710	XX15080-480	DIODE, ZENER 6.8V .5W (CB)	J16507	226525	XX11038-995	CONNECTOR, 2-PIN
CR16506	250663	XX15595-630-B	DIODE (GCB)	J16511	242749	XX15204-710	CONNECTOR, 8-PIN
CR16507	232710	XX15080-480	DIODE, ZENER 6.8V .5W (CB)	J22325	242851	XX15204-730	CONNECTOR, 12-PIN
CR16508	250663	XX15595-630-B	DIODE (GCB)	J22401	245502	XX15310-58A	JACK, PHONO: 3-HIGH
CR16508	232710	XX15080-480	DIODE, ZENER 6.8V .5W (CB)	J22402	242851	XX15204-730	CONNECTOR, 12-PIN
CR16509	243897	XX15187-140	DIODE, ZENER 3.9V .5W	J22403	239159	XX15164-370	CONNECTOR, 14-PIN
CR16511	250663	XX15595-630-B	DIODE (GCB)	J38301	243934	XX15305-020	CONNECTOR, 29-PIN
CR16511	232710	XX15080-480	DIODE, ZENER 6.8V .5W (CB)	J41125	226525	XX30959-990	CONNECTOR, 2-PIN
CR18103	232709	XX15577-300	DIODE	J41126	226525	XX30959-990	CONNECTOR, 2-PIN
CR22301	232709	XX15577-300	DIODE	J41275	226525	XX11038-995	CONNECTOR, 2-PIN
CR22303	232709	XX15577-300	DIODE	J41276	242749	XX15204-710	⚠ CONNECTOR, 8-PIN
CR22401	250663	XX15595-630-B	DIODE (GCB)	JC11901	205408	XX80440-510-C	RES CMF 1/10W 0% 0R (CB)
CR22401	232710	XX15080-480	DIODE, ZENER 6.8V .5W (CB)	JC38201	205408	XX80440-510-C	RES CMF 1/10W 0% 0R
CR22402	232710	XX15080-480	DIODE, ZENER 6.8V .5W (CB)	JC38202	205408	XX80440-510-C	RES CMF 1/10W 0% 0R
CR22402	250663	XX15595-630-B	DIODE (GCB)	JC38303	181161	XX50885-530-C	RES CMF 1/8W 0% 0R
CR22403	232709	XX15577-300	DIODE	JC38304	181161	XX50885-530-C	RES CMF 1/8W 0% 0R
CR22404	243897	XX15187-140	DIODE, ZENER 3.9V .5W	JC38306	205408	XX80440-510-C	RES CMF 1/10W 0% 0R
CR22405	244109	XX15196-080	DIODE, ZENER 4.7V .5W	JC38309	205408	XX80440-510-C	RES CMF 1/10W 0% 0R
CR22406	243897	XX15187-140	DIODE, ZENER 3.9V .5W	L11900	250907	XX15323-710	COIL, .35UH 20% (GCB)
CR22407	232709	XX15577-300	DIODE	L11901	250907	XX15323-710	COIL, .35UH 20% (GCB)
CR41120	232709	XX15577-300	DIODE				

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
L11902	243889	XX15324-480	COIL, 680UH	Q11908	215495	XX11070-770-B	TRANSISTOR (GCB)
L11903	250907	XX15323-710	COIL, .35UH 20% (GCB)	Q11909	215496	XX30946-660-B	TRANSISTOR (GCB)
L11904	243889	XX15324-480	COIL, 680UH	Q13101	215496	XX30946-660-B	TRANSISTOR
L11905	232707	XX40438-460-L	COIL	Q13103	215496	XX30946-660-B	TRANSISTOR
L11906	232707	XX40438-460-L	COIL	Q13104	215496	XX30946-660-B	TRANSISTOR
L11907	232707	XX40438-460-L	COIL	Q13105	215496	XX30946-660-B	TRANSISTOR
L11908	232707	XX40438-460-L	COIL	Q13106	215496	XX30946-660-B	TRANSISTOR
L11909	250907	XX15323-710	COIL, .35UH 20% (GCB)	Q13107	215495	XX11070-770-B	TRANSISTOR
L13105	235445	XX50890-840-L	COIL	Q13108	215496	XX30946-660-B	TRANSISTOR
L13201	243675	XX14009-140-C	COIL	Q13109	215496	XX30946-660-B	TRANSISTOR
L13202	243675	XX14009-140-C	COIL	Q13301	215496	XX30946-660-B	TRANSISTOR
L13203	243675	XX14009-140-C	COIL	Q16500	215496	XX30946-660-B	TRANSISTOR
L13204	243675	XX14009-140-C	COIL	Q16501	215496	XX30946-660-B	TRANSISTOR
L13205	237451	XX50890-740-L	COIL 4.7UH	Q16502	215496	XX30946-660-B	TRANSISTOR
L13206	237451	XX50890-740-L	COIL 4.7UH (CB)	Q16503	215496	XX30946-660-B	TRANSISTOR
L18100	238094	XX14006-840-C	COIL 15UH	Q16504	215496	XX30946-660-B	TRANSISTOR
L18101	243892	XX14006-820-C	COIL	Q16505	243896	XX15315-280-B	TRANSISTOR
L18102	243672	XX14009-130-C	COIL	Q16506	219028	XX15040-850-B	TRANSISTOR
L18103	243675	XX14009-140-C	COIL	Q16509	215496	XX30946-660-B	TRANSISTOR
L18104	243499	XX14041-780	COIL, 12UH	Q18100	215495	XX11070-770-B	TRANSISTOR
L18105	243892	XX14006-820-C	COIL	Q18101	215496	XX30946-660-B	TRANSISTOR
L18106	243576	XX14030-440-C	COIL	Q18102	215495	XX11070-770-B	TRANSISTOR
L18107	243894	XX14031-400-C	COIL	Q18103	215495	XX11070-770-B	TRANSISTOR
L18108	238094	XX14006-840-C	COIL 15UH	Q18104	219412	XX15047-510-B	TRANSISTOR
L18110	195713	XX11066-650	⚠ COIL, 47UH	Q18105	215495	XX11070-770-B	TRANSISTOR
L18111	195713	XX11066-650	⚠ COIL, 47UH	Q18106	215495	XX11070-770-B	TRANSISTOR
L18112	195713	XX11066-650	⚠ COIL, 47UH	Q18107	215496	XX30946-660-B	TRANSISTOR
L22300	243895	XX15390-940-C	BEAD	Q18108	215495	XX11070-770-B	TRANSISTOR
L22301	205408	XX80440-510-C	RES CMF 1/10W 0% 0R	Q18109	215495	XX11070-770-B	TRANSISTOR
L22302	205408	XX80440-510-C	RES CMF 1/10W 0% 0R	Q18110	215495	XX11070-770-B	TRANSISTOR
L22303	205408	XX80440-510-C	RES CMF 1/10W 0% 0R	Q18111	215495	XX11070-770-B	TRANSISTOR
L22304	195713	XX11066-650	COIL, 47UH (CB)	Q18112	223657	XX15046-740-B	TRANSISTOR
L22305	205408	XX80440-510-C	RES CMF 1/10W 0% 0R	Q22301	215496	XX30946-660-B	TRANSISTOR
L22306	243895	XX15390-940-C	BEAD	Q22302	215495	XX11070-770-B	TRANSISTOR
L22307	195713	XX11066-650	COIL, 47UH	Q22303	215495	XX11070-770-B	TRANSISTOR
L38300	195713	XX11066-650	COIL, 47UH	Q22304	215496	XX30946-660-B	TRANSISTOR
Q11300	215496	XX30946-660-B	TRANSISTOR	Q22306	215495	XX11070-770-B	TRANSISTOR
Q11301	215495	XX11070-770-B	TRANSISTOR	Q22307	215496	XX30946-660-B	TRANSISTOR
Q11302	215495	XX11070-770-B	TRANSISTOR	Q22308	215496	XX30946-660-B	TRANSISTOR
Q11303	215495	XX11070-770-B	TRANSISTOR	Q22309	215495	XX11070-770-B	TRANSISTOR
Q11306	215495	XX11070-770-B	TRANSISTOR	Q22311	215496	XX30946-660-B	TRANSISTOR
Q11307	215495	XX11070-770-B	TRANSISTOR	Q22312	215495	XX11070-770-B	TRANSISTOR
Q11308	215496	XX30946-660-B	TRANSISTOR	Q22315	215496	XX30946-660-B	TRANSISTOR
Q11401	215495	XX11070-770-B	TRANSISTOR	Q22316	215495	XX11070-770-B	TRANSISTOR
Q11402	215495	XX11070-770-B	TRANSISTOR	Q22317	215496	XX30946-660-B	TRANSISTOR
Q11403	215495	XX11070-770-B	TRANSISTOR	Q22318	215495	XX11070-770-B	TRANSISTOR
Q11701	215495	XX11070-770-B	TRANSISTOR	Q22319	215495	XX11070-770-B	TRANSISTOR
Q11702	215495	XX11070-770-B	TRANSISTOR	Q22320	215495	XX11070-770-B	TRANSISTOR
Q11903	215495	XX11070-770-B	TRANSISTOR	Q22402	215495	XX11070-770-B	TRANSISTOR (GCB)
Q11904	215495	XX11070-770-B	TRANSISTOR	Q22403	214644	XX90618-810-B	TRANSISTOR
Q11905	215495	XX11070-770-B	TRANSISTOR (GCB)	Q22404	214644	XX90618-810-B	TRANSISTOR
Q11906	215495	XX11070-770-B	TRANSISTOR	Q22405	214644	XX90618-810-B	TRANSISTOR
Q11907	215496	XX30946-660-B	TRANSISTOR (GCB)	Q22406	215496	XX30946-660-B	TRANSISTOR

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
Q22407	215495	XX11070-770-B	TRANSISTOR	R11327	243967	XX15269-180-F	RESISTOR
Q22408	215495	XX11070-770-B	TRANSISTOR	R11328	243967	XX15269-180-F	RESISTOR
Q22409	215495	XX11070-770-B	TRANSISTOR	R11329	243967	XX15269-180-F	RESISTOR
Q22410	215495	XX11070-770-B	TRANSISTOR	R11330	243967	XX15269-180-F	RESISTOR
Q22411	215495	XX11070-770-B	TRANSISTOR	R11333	197640	XX60444-420	RES CMF 1/10W 5% 150K
Q22412	223657	XX15046-740-B	TRANSISTOR	R11334	197640	XX60444-420	RES CMF 1/10W 5% 150K
Q22413	215496	XX30946-660-B	TRANSISTOR	R11335	197470	XX30944-330-C	RESISTOR
Q22414	215496	XX30946-660-B	TRANSISTOR	R11336	197904	XX40438-210	RES CMF 1/10W 2% 20K
Q22415	223657	XX15046-740-B	TRANSISTOR	R11400	197639	XX30944-300	RES CMF 1/10W 5% 3.6K
Q22416	215496	XX30946-660-B	TRANSISTOR	R11401	197639	XX30944-300	RES CMF 1/10W 5% 3.6K
Q22417	215495	XX11070-770-B	TRANSISTOR	R11402	194917	XX60444-280	RES CMF 1/10W 2% 3K
Q22418	215495	XX11070-770-B	TRANSISTOR	R11403	194917	XX60444-280	RES CMF 1/10W 2% 3K
Q38302	243896	XX15315-280-B	TRANSISTOR	R11404	197639	XX30944-300	RES CMF 1/10W 5% 3.6K
Q38306	215495	XX11070-770-B	TRANSISTOR	R11405	197639	XX30944-300	RES CMF 1/10W 5% 3.6K
Q38307	215495	XX11070-770-B	TRANSISTOR	R11406	197639	XX30944-300	RES CMF 1/10W 5% 3.6K
Q38308	215495	XX11070-770-B	TRANSISTOR	R11407	197639	XX30944-300	RES CMF 1/10W 5% 3.6K
Q38309	215496	XX30946-660-B	TRANSISTOR	R11408	192096	XX80440-390	RES CMF 1/10W 5% 2.2K
Q38310	215496	XX30946-660-B	TRANSISTOR	R11409	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
Q38311	215495	XX11070-770-B	TRANSISTOR	R11410	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
Q38312	243896	XX15315-280-B	TRANSISTOR	R11411	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
Q38313	215496	XX30946-660-B	TRANSISTOR	R11412	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
Q38314	215495	XX11070-770-B	TRANSISTOR	R11413	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
Q38315	215495	XX11070-770-B	TRANSISTOR	R11414	192100	XX20471-950-C	⚠ RES CMF 1/10W 5% 1K
Q38316	243896	XX15315-280-B	TRANSISTOR	R11415	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
Q38323	215495	XX11070-770-B	TRANSISTOR	R11416	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
Q38324	215495	XX11070-770-B	TRANSISTOR	R11417	192100	XX20471-950-C	⚠ RES CMF 1/10W 5% 1K
Q38327	215495	XX11070-770-B	TRANSISTOR	R11418	192100	XX20471-950-C	⚠ RES CMF 1/10W 5% 1K
Q38328	243896	XX15315-280-B	TRANSISTOR	R11419	197639	XX30944-300	RES CMF 1/10W 5% 3.6K
Q41125	219025	XX15043-350-E	TRANSISTOR	R11420	197639	XX30944-300	RES CMF 1/10W 5% 3.6K
Q41126	215495	XX11070-770-B	TRANSISTOR	R11421	192096	XX80440-390	RES CMF 1/10W 5% 2.2K
Q41275	219025	XX15043-350-E	TRANSISTOR	R11422	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
Q41276	229220	XX15064-300-E	TRANSISTOR	R11423	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
Q41277	215495	XX11070-770-B	TRANSISTOR	R11424	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R11300	192097	XX30944-170	RES CMF 1/10W 2% 4.7K	R11425	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R11301	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R11426	241259	XX20471-500-L	⚠ RESISTOR
R11302	192096	XX80440-390	RES CMF 1/10W 5% 2.2K	R11427	192084	XX50886-630	RES CMF 1/10W 5% 100K
R11303	192096	XX80440-390	RES CMF 1/10W 5% 2.2K	R11428	192084	XX50886-630	RES CMF 1/10W 5% 100K
R11304	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R11429	192084	XX50886-630	RES CMF 1/10W 5% 100K
R11307	192096	XX80440-390	RES CMF 1/10W 5% 2.2K	R11430	194917	XX60444-280	RES CMF 1/10W 2% 3K
R11308	192096	XX80440-390	RES CMF 1/10W 5% 2.2K	R11431	194917	XX60444-280	RES CMF 1/10W 2% 3K
R11309	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R11432	192096	XX80440-390	RES CMF 1/10W 5% 2.2K
R11310	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R11433	192096	XX80440-390	RES CMF 1/10W 5% 2.2K
R11313	241259	XX20471-500-L	⚠ RESISTOR	R11448	195939	XX30944-140	RES CMF 1/10W 2% 680R
R11314	197470	XX30944-330-C	RESISTOR	R11450	197640	XX60444-420	RES CMF 1/10W 5% 150K
R11315	192084	XX50886-630	RES CMF 1/10W 5% 100K	R11451	197640	XX60444-420	RES CMF 1/10W 5% 150K
R11316	192097	XX30944-170	RES CMF 1/10W 2% 4.7K	R11452	197640	XX60444-420	RES CMF 1/10W 5% 150K
R11317	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R11453	197640	XX60444-420	RES CMF 1/10W 5% 150K
R11318	197470	XX30944-330-C	RESISTOR	R11454	197640	XX60444-420	RES CMF 1/10W 5% 150K
R11319	195937	XX50886-610	RES CMF 1/10W 5% 10K	R11455	197640	XX60444-420	RES CMF 1/10W 5% 150K
R11320	195937	XX50886-610	RES CMF 1/10W 5% 10K	R11456	243967	XX15269-180-F	RESISTOR
R11321	197470	XX30944-330-C	RESISTOR	R11457	243967	XX15269-180-F	RESISTOR
R11322	195937	XX50886-610	RES CMF 1/10W 5% 10K	R11458	243967	XX15269-180-F	RESISTOR
R11323	195937	XX50886-610	RES CMF 1/10W 5% 10K	R11459	243967	XX15269-180-F	RESISTOR

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
R11464	243967	XX15269-180-F	RESISTOR	R11711	226489	XX60444-410	RES CMF 1/10W 5% 30K
R11465	243967	XX15269-180-F	RESISTOR	R11712	192084	XX50886-630	RES CMF 1/10W 5% 100K
R11466	192084	XX50886-630	RES CMF 1/10W 5% 100K	R11713	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11467	192084	XX50886-630	RES CMF 1/10W 5% 100K	R11714	192084	XX50886-630	RES CMF 1/10W 5% 100K
R11468	192084	XX50886-630	RES CMF 1/10W 5% 100K	R11716	192084	XX50886-630	RES CMF 1/10W 5% 100K
R11469	197904	XX40438-210	RES CMF 1/10W 2% 20K	R11717	192084	XX50886-630	RES CMF 1/10W 5% 100K
R11470	197470	XX30944-330-C	RESISTOR	R11720	241259	XX20471-500-L	⚠ RESISTOR
R11471	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R11722	197470	XX30944-330-C	RESISTOR
R11472	192084	XX50886-630	RES CMF 1/10W 5% 100K	R11723	195937	XX50886-610	RES CMF 1/10W 5% 10K
R11473	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R11724	206301	XX70434-250	RES CMF 1/10W 5% 15K
R11474	192084	XX50886-630	RES CMF 1/10W 5% 100K	R11725	197471	XX11066-500	RES CMF 1/10W 5% 68K
R11475	197470	XX30944-330-C	RESISTOR	R11726	195937	XX50886-610	RES CMF 1/10W 5% 10K
R11476	197470	XX30944-330-C	RESISTOR	R11727	192084	XX50886-630	RES CMF 1/10W 5% 100K
R11477	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R11728	192084	XX50886-630	RES CMF 1/10W 5% 100K
R11478	192084	XX50886-630	RES CMF 1/10W 5% 100K	R11729	197470	XX30944-330-C	RESISTOR
R11479	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R11730	194916	XX30944-180	RES CMF 1/10W 2% 6.8K
R11480	192084	XX50886-630	RES CMF 1/10W 5% 100K	R11731	197470	XX30944-330-C	RESISTOR
R11481	195937	XX50886-610	RES CMF 1/10W 5% 10K	R11732	192084	XX50886-630	RES CMF 1/10W 5% 100K
R11482	205347	XX40438-190	RES CMF 1/10W 2% 6.2K	R11733	192084	XX50886-630	RES CMF 1/10W 5% 100K
R11483	195937	XX50886-610	RES CMF 1/10W 5% 10K	R11734	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11484	205347	XX40438-190	RES CMF 1/10W 2% 6.2K	R11735	192084	XX50886-630	RES CMF 1/10W 5% 100K
R11485	195937	XX50886-610	RES CMF 1/10W 5% 10K	R11736	206729	XX20471-970	RES CMF 1/10W 5% 2.4K
R11486	205347	XX40438-190	RES CMF 1/10W 2% 6.2K	R11737	197628	XX40438-170	RES CMF 1/10W 2% 1.5K
R11487	195937	XX50886-610	RES CMF 1/10W 5% 10K	R11738	195937	XX50886-610	RES CMF 1/10W 5% 10K
R11488	197640	XX60444-420	RES CMF 1/10W 5% 150K	R11739	192095	XX11066-330	RES CMF 1/10W 2% 56K
R11489	205347	XX40438-190	RES CMF 1/10W 2% 6.2K	R11740	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11490	241259	XX20471-500-L	⚠ RESISTOR	R11741	201144	XX50886-670-C	RES CMF 1/10W 5% 1M
R11491	243967	XX15269-180-F	RESISTOR	R11800	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11492	197640	XX60444-420	RES CMF 1/10W 5% 150K	R11801	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R11495	243967	XX15269-180-F	RESISTOR	R11802	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11496	197640	XX60444-420	RES CMF 1/10W 5% 150K	R11803	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11497	195937	XX50886-610	RES CMF 1/10W 5% 10K	R11806	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11498	195937	XX50886-610	RES CMF 1/10W 5% 10K	R11807	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11499	197640	XX60444-420	RES CMF 1/10W 5% 150K	R11808	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11501	195937	XX50886-610	RES CMF 1/10W 5% 10K	R11811	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R11502	195937	XX50886-610	RES CMF 1/10W 5% 10K	R11812	218508	XX70434-200-C	RES CMF 1/10W 5% 100R (CB)
R11503	195937	XX50886-610	RES CMF 1/10W 5% 10K	R11812	192100	XX20471-950-C	RES CMF 1/10W 5% 1K (GCB)
R11504	195937	XX50886-610	RES CMF 1/10W 5% 10K	R11813	241774	XX15244-380	RES CF 10W 5% 51R
R11505	205346	XX80440-400	RES CMF 1/10W 5% 5.6K	R11814	205345	XX60444-290	RES CMF 1/10W 2% 5.1K
R11506	195937	XX50886-610	RES CMF 1/10W 5% 10K	R11815	205345	XX60444-290	RES CMF 1/10W 2% 5.1K
R11508	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R11816	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11509	197904	XX40438-210	RES CMF 1/10W 2% 20K	R11900	195937	XX50886-610	RES CMF 1/10W 5% 10K
R11700	200169	XX20471-990-C	RES CMF 1/10W 5% 12K	R11901	197903	XX20471-870-C	RES CMF 1/10W 2% 1.8K
R11701	192084	XX50886-630	RES CMF 1/10W 5% 100K	R11902	195937	XX50886-610	RES CMF 1/10W 5% 10K
R11702	192084	XX50886-630	RES CMF 1/10W 5% 100K	R11905	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R11703	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R11906	210230	XX50882-970	RES CF 1/4W 5% 470R (CB)
R11704	197470	XX30944-330-C	RESISTOR	R11906	210245	XX50882-950	RES CF 1/4W 5% 100R (GCB)
R11705	197622	XX40438-320-C	RESISTOR	R11907	210245	XX50882-950	RES CF 1/4W 5% 100R (GCB)
R11706	197622	XX40438-320-C	RESISTOR	R11907	210230	XX50882-970	RES CF 1/4W 5% 470R (CB)
R11707	206301	XX70434-250	RES CMF 1/10W 5% 15K	R11908	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R11708	197622	XX40438-320-C	RESISTOR	R11909	175353	XX30943-060	RES CMF 1/8W 5% 220K
R11709	195937	XX50886-610	RES CMF 1/10W 5% 10K	R11910	175046	XX11059-700	RES CF 1/4W 5% 30K
R11710	197470	XX30944-330-C	RESISTOR	R11911	192100	XX20471-950-C	RES CMF 1/10W 5% 1K (GCB)

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
R11911	218508	XX70434-200-C	RES CMF 1/10W 5% 100R (CB)	R13105	194920	XX90574-260-C	RES CMF 1/10W 2% 1.2K
R11912	200197	XX80439-850	⚠ RES CFFP 1/4W 5% 4.7R	R13107	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11913	200197	XX80439-850	⚠ RES CFFP 1/4W 5% 4.7R	R13108	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11914	176806	XX50888-900	⚠ RES MF 2W 5% 47R	R13109	192097	XX30944-170	RES CMF 1/10W 2% 4.7K
R11915	195937	XX50886-610	RES CMF 1/10W 5% 10K	R13111	192077	XX11066-440	RES CMF 1/10W 5% 3.3K
R11916	192097	XX30944-170	RES CMF 1/10W 2% 4.7K	R13112	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11917	192097	XX30944-170	RES CMF 1/10W 2% 4.7K	R13113	200174	XX40438-340-C	RESISTOR
R11920	197470	XX30944-330-C	RESISTOR	R13114	192097	XX30944-170	RES CMF 1/10W 2% 4.7K
R11922	197903	XX20471-870-C	RES CMF 1/10W 2% 1.8K	R13115	195937	XX50886-610	RES CMF 1/10W 5% 10K
R11923	205349	XX20471-890	RES CMF 1/10W 2% 8.2K	R13116	195937	XX50886-610	RES CMF 1/10W 5% 10K
R11924	205351	XX60444-300	RES CMF 1/10W 2% 11K	R13117	195937	XX50886-610	RES CMF 1/10W 5% 10K
R11925	192086	XX80440-370	RES CMF 1/10W 5% 150R	R13118	200174	XX40438-340-C	RESISTOR
R11926	192086	XX80440-370	RES CMF 1/10W 5% 150R	R13119	200174	XX40438-340-C	RESISTOR
R11927	195937	XX50886-610	RES CMF 1/10W 5% 10K	R13120	195937	XX50886-610	RES CMF 1/10W 5% 10K
R11928	194926	XX90574-240-C	RESISTOR (GCB)	R13122	195937	XX50886-610	RES CMF 1/10W 5% 10K
R11929	197628	XX40438-170	RES CMF 1/10W 2% 1.5K (CB)	R13125	192089	XX70434-060	RES CMF 1/10W 2% 220R
R11929	194926	XX90574-240-C	RESISTOR (GCB)	R13126	226489	XX60444-410	RES CMF 1/10W 5% 30K
R11930	192084	XX50886-630	RES CMF 1/10W 5% 100K	R13128	192084	XX50886-630	RES CMF 1/10W 5% 100K
R11931	192084	XX50886-630	RES CMF 1/10W 5% 100K	R13130	205351	XX60444-300	RES CMF 1/10W 2% 11K
R11932	243968	XX15284-360-F	RESISTOR	R13131	205308	XX30944-250	RES CMF 1/10W 5% 10R
R11933	243968	XX15284-360-F	RESISTOR	R13132	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R11934	205341	XX60444-270	RES CMF 1/10W 2% 2K	R13133	195937	XX50886-610	RES CMF 1/10W 5% 10K
R11935	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R13134	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11936	243969	XX15269-170-F	RESISTOR	R13135	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11937	192084	XX50886-630	RES CMF 1/10W 5% 100K	R13136	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R11938	205341	XX60444-270	RES CMF 1/10W 2% 2K	R13137	192084	XX50886-630	RES CMF 1/10W 5% 100K
R11939	243969	XX15269-170-F	RESISTOR	R13138	192089	XX70434-060	RES CMF 1/10W 2% 220R
R11940	195937	XX50886-610	RES CMF 1/10W 5% 10K	R13139	195937	XX50886-610	RES CMF 1/10W 5% 10K
R11941	242021	XX80438-030-L	RESISTOR (CB)	R13140	193344	XX80440-420	RES CMF 1/10W 5% 33K
R11941	176653	XX11061-600	RES MF 1W 5% 680R (GCB)	R13141	192089	XX70434-060	RES CMF 1/10W 2% 220R
R11942	242021	XX80438-030-L	RESISTOR	R13142	195937	XX50886-610	RES CMF 1/10W 5% 10K
R11943	197639	XX30944-300	RES CMF 1/10W 5% 3.6K (CB)	R13143	192084	XX50886-630	RES CMF 1/10W 5% 100K (GCB)
R11943	205340	XX11066-270	RES CMF 1/10W 2% 1.3K (GCB)	R13144	195937	XX50886-610	RES CMF 1/10W 5% 10K
R11944	197639	XX30944-300	RES CMF 1/10W 5% 3.6K (CB)	R13145	197629	XX70434-040	RES CMF 1/10W 2% 75R
R11944	206318	XX60444-390	RES CMF 1/10W 5% 3.9K (GCB)	R13146	192084	XX50886-630	RES CMF 1/10W 5% 100K
R11945	197639	XX30944-300	RES CMF 1/10W 5% 3.6K (CB)	R13147	195937	XX50886-610	RES CMF 1/10W 5% 10K
R11945	192086	XX80440-370	RES CMF 1/10W 5% 150R (GCB)	R13148	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11946	205340	XX11066-270	RES CMF 1/10W 2% 1.3K (GCB)	R13149	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11946	197639	XX30944-300	RES CMF 1/10W 5% 3.6K (CB)	R13150	197628	XX40438-170	RES CMF 1/10W 2% 1.5K
R11947	206318	XX60444-390	RES CMF 1/10W 5% 3.9K (GCB)	R13151	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11948	192097	XX30944-170	RES CMF 1/10W 2% 4.7K	R13152	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11949	192097	XX30944-170	RES CMF 1/10W 2% 4.7K	R13153	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R11950	243969	XX15269-170-F	RESISTOR	R13154	195937	XX50886-610	RES CMF 1/10W 5% 10K
R11951	243969	XX15269-170-F	RESISTOR	R13155	195937	XX50886-610	RES CMF 1/10W 5% 10K
R11952	192086	XX80440-370	RES CMF 1/10W 5% 150R (GCB)	R13156	195929	XX11066-240-C	RESISTOR
R13101	205395	XX30944-410	RES CMF 1/10W 5% 2.7M	R13157	192097	XX30944-170	RES CMF 1/10W 2% 4.7K (GCB)
R13102	197634	XX11066-470	RES CMF 1/10W 5% 24K	R13157	195937	XX50886-610	RES CMF 1/10W 5% 10K (CB)
R13103	195937	XX50886-610	RES CMF 1/10W 5% 10K	R13158	205385	XX50886-660	RES CMF 1/10W 5% 680K
R13104	195937	XX50886-610	RES CMF 1/10W 5% 10K	R13159	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
				R13160	195937	XX50886-610	RES CMF 1/10W 5% 10K
				R13161	192100	XX20471-950-C	RES CMF 1/10W 5% 1K

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
R13162	192084	XX50886-630	RES CMF 1/10W 5% 100K	R13291	192084	XX50886-630	RES CMF 1/10W 5% 100K (GCB)
R13163	195937	XX50886-610	RES CMF 1/10W 5% 10K	R13301	205346	XX80440-400	RES CMF 1/10W 5% 5.6K
R13164	195937	XX50886-610	RES CMF 1/10W 5% 10K	R13302	205346	XX80440-400	RES CMF 1/10W 5% 5.6K
R13165	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R13314	195937	XX50886-610	RES CMF 1/10W 5% 10K
R13166	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R13316	195937	XX50886-610	RES CMF 1/10W 5% 10K
R13167	195937	XX50886-610	RES CMF 1/10W 5% 10K	R13317	205364	XX50886-460	RES CMF 1/10W 2% 47K
R13168	201144	XX50886-670-C	RES CMF 1/10W 5% 1M	R13318	195937	XX50886-610	RES CMF 1/10W 5% 10K
R13169	195937	XX50886-610	RES CMF 1/10W 5% 10K	R13319	197904	XX40438-210	RES CMF 1/10W 2% 20K
R13170	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R13329	195937	XX50886-610	RES CMF 1/10W 5% 10K
R13171	205308	XX30944-250	RES CMF 1/10W 5% 10R	R13372	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R13172	205552	XX11066-490	RES CMF 1/10W 5% 62K	R16500	243972	XX15359-080-F	RESISTOR
R13173	192084	XX50886-630	RES CMF 1/10W 5% 100K	R16501	243972	XX15359-080-F	RESISTOR
R13174	195937	XX50886-610	RES CMF 1/10W 5% 10K	R16502	243972	XX15359-080-F	RESISTOR
R13175	192084	XX50886-630	RES CMF 1/10W 5% 100K	R16503	243972	XX15359-080-F	RESISTOR
R13176	195937	XX50886-610	RES CMF 1/10W 5% 10K	R16504	243972	XX15359-080-F	RESISTOR
R13177	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R16505	205244	XX70434-270	RES CMF 1/10W 5% 82K
R13178	195929	XX11066-240-C	RESISTOR	R16506	192084	XX50886-630	RES CMF 1/10W 5% 100K
R13179	195937	XX50886-610	RES CMF 1/10W 5% 10K	R16507	192077	XX11066-440	RES CMF 1/10W 5% 3.3K
R13180	195937	XX50886-610	RES CMF 1/10W 5% 10K	R16508	192077	XX11066-440	RES CMF 1/10W 5% 3.3K
R13181	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R16509	194917	XX60444-280	RES CMF 1/10W 2% 3K
R13187	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R16510	192077	XX11066-440	RES CMF 1/10W 5% 3.3K
R13195	201144	XX50886-670-C	RES CMF 1/10W 5% 1M	R16511	192077	XX11066-440	RES CMF 1/10W 5% 3.3K
R13196	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R16512	192077	XX11066-440	RES CMF 1/10W 5% 3.3K
R13197	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R16513	192084	XX50886-630	RES CMF 1/10W 5% 100K
R13200	192084	XX50886-630	RES CMF 1/10W 5% 100K	R16514	205244	XX70434-270	RES CMF 1/10W 5% 82K
R13201	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R16515	243972	XX15359-080-F	RESISTOR
R13218	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R16516	243972	XX15359-080-F	RESISTOR
R13219	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R16517	200174	XX40438-340-C	RESISTOR
R13220	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R16518	205244	XX70434-270	RES CMF 1/10W 5% 82K
R13262	192098	XX60444-350	RES CMF 1/10W 5% 47R	R16519	192084	XX50886-630	RES CMF 1/10W 5% 100K
R13263	192098	XX60444-350	RES CMF 1/10W 5% 47R	R16520	194917	XX60444-280	RES CMF 1/10W 2% 3K
R13264	192098	XX60444-350	RES CMF 1/10W 5% 47R	R16521	194917	XX60444-280	RES CMF 1/10W 2% 3K
R13265	192098	XX60444-350	RES CMF 1/10W 5% 47R	R16522	194917	XX60444-280	RES CMF 1/10W 2% 3K
R13266	192098	XX60444-350	RES CMF 1/10W 5% 47R	R16523	194917	XX60444-280	RES CMF 1/10W 2% 3K
R13267	192098	XX60444-350	RES CMF 1/10W 5% 47R	R16524	243972	XX15359-080-F	RESISTOR
R13268	192098	XX60444-350	RES CMF 1/10W 5% 47R	R16525	243972	XX15359-080-F	RESISTOR
R13269	192098	XX60444-350	RES CMF 1/10W 5% 47R	R16526	192084	XX50886-630	RES CMF 1/10W 5% 100K
R13273	195939	XX30944-140	RES CMF 1/10W 2% 680R	R16527	205244	XX70434-270	RES CMF 1/10W 5% 82K
R13274	195939	XX30944-140	RES CMF 1/10W 2% 680R	R16528	206259	XX80439-650	RES CMF 1/8W 5% 470R
R13275	195939	XX30944-140	RES CMF 1/10W 2% 680R	R16529	194902	XX30944-150-C	CAPACITOR
R13276	192084	XX50886-630	RES CMF 1/10W 5% 100K	R16530	189995	XX30943-160	RES CMF 1/8W 2% 2K
R13277	192084	XX50886-630	RES CMF 1/10W 5% 100K	R16531	189995	XX30943-160	RES CMF 1/8W 2% 2K
R13278	200174	XX40438-340-C	RESISTOR	R16532	194902	XX30944-150-C	CAPACITOR
R13279	200174	XX40438-340-C	RESISTOR	R16533	200174	XX40438-340-C	RESISTOR
R13280	200174	XX40438-340-C	RESISTOR	R16534	200174	XX40438-340-C	RESISTOR
R13281	200174	XX40438-340-C	RESISTOR	R16535	200174	XX40438-340-C	RESISTOR
R13284	197628	XX40438-170	RES CMF 1/10W 2% 1.5K	R16536	200174	XX40438-340-C	RESISTOR
R13285	197628	XX40438-170	RES CMF 1/10W 2% 1.5K	R16537	200174	XX40438-340-C	RESISTOR
R13286	197628	XX40438-170	RES CMF 1/10W 2% 1.5K	R16538	176818	XX30942-940	RES CMF 1/8W 5% 100R
R13287	202585	XX40438-150	RES CMF 1/10W 2% 510R	R16539	195938	XX80440-330	RES CMF 1/10W 2% 3.3K
R13288	192084	XX50886-630	RES CMF 1/10W 5% 100K (CB)	R16540	176818	XX30942-940	RES CMF 1/8W 5% 100R
R13290	192084	XX50886-630	RES CMF 1/10W 5% 100K (GCB)	R16541	192099	XX40438-130	RES CMF 1/10W 2% 100R

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
R16544	194926	XX90574-240-C	RESISTOR	R18130	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R16545	194926	XX90574-240-C	RESISTOR	R18131	192077	XX11066-440	RES CMF 1/10W 5% 3.3K
R16546	195938	XX80440-330	RES CMF 1/10W 2% 3.3K	R18132	192070	XX60444-400	RES CMF 1/10W 5% 22K
R16547	205344	XX70434-090	RES CMF 1/10W 2% 4.3K	R18133	205337	XX50886-420	RES CMF 1/10W 2% 360R
R16548	205344	XX70434-090	RES CMF 1/10W 2% 4.3K	R18134	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R16549	205344	XX70434-090	RES CMF 1/10W 2% 4.3K	R18135	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R16550	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R18136	205337	XX50886-420	RES CMF 1/10W 2% 360R
R16551	176818	XX30942-940	RES CMF 1/8W 5% 100R	R18137	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R16552	176818	XX30942-940	RES CMF 1/8W 5% 100R	R18138	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R16554	200174	XX40438-340-C	RESISTOR	R18140	192077	XX11066-440	RES CMF 1/10W 5% 3.3K
R16556	195938	XX80440-330	RES CMF 1/10W 2% 3.3K (GCB)	R18141	205340	XX11066-270	RES CMF 1/10W 2% 1.3K
R16556	195937	XX50886-610	RES CMF 1/10W 5% 10K (CB)	R18142	194926	XX90574-240-C	RESISTOR
R16557	200174	XX40438-340-C	RESISTOR	R18143	244903	XX80440-320	RES CMF 1/10W 2% 2.2K
R16558	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R18144	197905	XX40438-180	RES CMF 1/10W 2% 2.7K
R16559	192077	XX11066-440	RES CMF 1/10W 5% 3.3K	R18145	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R16560	176818	XX30942-940	RES CMF 1/8W 5% 100R	R18146	197905	XX40438-180	RES CMF 1/10W 2% 2.7K
R16566	202914	XX40438-160	RES CMF 1/10W 2% 750R (CB)	R18147	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R16566	192089	XX70434-060	RES CMF 1/10W 2% 220R (GCB)	R18503	243973	XX15278-240-F	RESISTOR
R16567	205341	XX60444-270	RES CMF 1/10W 2% 2K	R18504	243973	XX15278-240-F	RESISTOR
R16573	200174	XX40438-340-C	RESISTOR	R18505	243973	XX15278-240-F	RESISTOR
R16574	200174	XX40438-340-C	RESISTOR	R18506	243973	XX15278-240-F	RESISTOR
R16575	200174	XX40438-340-C	RESISTOR	R18507	243973	XX15278-240-F	RESISTOR
R18100	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R18508	243973	XX15278-240-F	RESISTOR
R18101	202585	XX40438-150	RES CMF 1/10W 2% 510R	R18509	243973	XX15278-240-F	RESISTOR
R18102	195929	XX11066-240-C	RESISTOR	R18510	243973	XX15278-240-F	RESISTOR
R18103	205338	XX70434-070	RES CMF 1/10W 2% 560R	R18511	243973	XX15278-240-F	RESISTOR
R18104	230233	XX50882-980	RES CF 1/4W 5% 820R	R22300	176367	XX80439-630	RES CMF 1/8W 5% 47R
R18105	194926	XX90574-240-C	RESISTOR	R22301	205347	XX40438-190	RES CMF 1/10W 2% 6.2K
R18106	197634	XX11066-470	RES CMF 1/10W 5% 24K	R22302	205340	XX11066-270	RES CMF 1/10W 2% 1.3K
R18108	205385	XX50886-660	RES CMF 1/10W 5% 680K	R22303	192102	XX11066-250-C	RESISTOR
R18109	201144	XX50886-670-C	RES CMF 1/10W 5% 1M	R22304	192077	XX11066-440	RES CMF 1/10W 5% 3.3K
R18110	194918	XX11066-230	RES CMF 1/10W 2% 180R	R22306	197639	XX30944-300	RES CMF 1/10W 5% 3.6K
R18111	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R22307	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R18112	192089	XX70434-060	RES CMF 1/10W 2% 220R	R22308	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R18113	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R22309	226489	XX60444-410	RES CMF 1/10W 5% 30K
R18114	205362	XX60444-310	RES CMF 1/10W 2% 39K	R22310	197468	XX40438-350-C	RESISTOR
R18115	194918	XX11066-230	RES CMF 1/10W 2% 180R	R22311	192077	XX11066-440	RES CMF 1/10W 5% 3.3K
R18116	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R22321	176818	XX30942-940	RES CMF 1/8W 5% 100R
R18117	192097	XX30944-170	RES CMF 1/10W 2% 4.7K	R22323	205347	XX40438-190	RES CMF 1/10W 2% 6.2K
R18118	200174	XX40438-340-C	RESISTOR	R22324	197903	XX20471-870-C	RES CMF 1/10W 2% 1.8K
R18119	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R22328	206261	XX60443-710-C	RES CMF 1/8W 5% 10K
R18120	192096	XX80440-390	RES CMF 1/10W 5% 2.2K	R22329	181481	XX40437-590	RES CMF 1/8W 2% 270R
R18121	194918	XX11066-230	RES CMF 1/10W 2% 180R	R22330	197642	XX90574-420-C	RES CMF 1/10W 5% 3K
R18122	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R22331	197642	XX90574-420-C	RES CMF 1/10W 5% 3K
R18123	192097	XX30944-170	RES CMF 1/10W 2% 4.7K	R22332	197642	XX90574-420-C	RES CMF 1/10W 5% 3K
R18124	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R22333	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R18125	205337	XX50886-420	RES CMF 1/10W 2% 360R	R22336	194920	XX90574-260-C	RES CMF 1/10W 2% 1.2K
R18126	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R22337	205408	XX80440-510-C	RES CMF 1/10W 0% 0R
R18127	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R22338	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R18128	194918	XX11066-230	RES CMF 1/10W 2% 180R	R22339	193344	XX80440-420	RES CMF 1/10W 5% 33K
R18129	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R22341	176818	XX30942-940	RES CMF 1/8W 5% 100R
				R22342	245498	XX70431-250-L	RESISTOR
				R22344	248555	XX15518-020-C	RESISTOR

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
R22345	248568	XX15527-890-C	RESISTOR	R22430	197629	XX70434-040	RES CMF 1/10W 2% 75R
R22346	176818	XX30942-940	RES CMF 1/8W 5% 100R	R22431	181063	XX30942-930-C	RESISTOR
R22355	175754	XX11059-560	⚠ RES CF 1/4W 5% 33R (GCB)	R22432	206259	XX80439-650	RES CMF 1/8W 5% 470R
R22356	192096	XX80440-390	RES CMF 1/10W 5% 2.2K	R22433	181063	XX30942-930-C	RESISTOR
R22357	195937	XX50886-610	RES CMF 1/10W 5% 10K	R22434	189995	XX30943-160	RES CMF 1/8W 2% 2K
R22358	205347	XX40438-190	RES CMF 1/10W 2% 6.2K	R22435	181056	XX50885-760-C	RES CMF 1/8W 2% 750R
R22359	197905	XX40438-180	RES CMF 1/10W 2% 2.7K	R22436	189995	XX30943-160	RES CMF 1/8W 2% 2K
R22360	197628	XX40438-170	RES CMF 1/10W 2% 1.5K	R22437	181056	XX50885-760-C	RES CMF 1/8W 2% 750R
R22361	197624	XX90574-230	RES CMF 1/10W 2% 240R	R22438	192097	XX30944-170	RES CMF 1/10W 2% 4.7K
R22362	241259	XX20471-500-L	⚠ RESISTOR	R22439	189995	XX30943-160	RES CMF 1/8W 2% 2K
R22363	194920	XX90574-260-C	RES CMF 1/10W 2% 1.2K	R22440	190462	XX40437-600-C	RESISTOR
R22364	205408	XX80440-510-C	RES CMF 1/10W 0% 0R	R22441	189995	XX30943-160	RES CMF 1/8W 2% 2K
R22365	176367	XX80439-630	RES CMF 1/8W 5% 47R	R22442	190462	XX40437-600-C	RESISTOR
R22366	176818	XX30942-940	RES CMF 1/8W 5% 100R	R22443	195937	XX50886-610	RES CMF 1/10W 5% 10K
R22367	181488	XX11064-940	RES CMF 1/8W 2% 330R	R22444	189995	XX30943-160	RES CMF 1/8W 2% 2K
R22368	194920	XX90574-260-C	RES CMF 1/10W 2% 1.2K	R22445	190462	XX40437-600-C	RESISTOR
R22369	205408	XX80440-510-C	RES CMF 1/10W 0% 0R	R22446	189995	XX30943-160	RES CMF 1/8W 2% 2K
R22370	176367	XX80439-630	RES CMF 1/8W 5% 47R	R22447	190462	XX40437-600-C	RESISTOR
R22371	176818	XX30942-940	RES CMF 1/8W 5% 100R	R22448	192097	XX30944-170	RES CMF 1/10W 2% 4.7K
R22372	181488	XX11064-940	RES CMF 1/8W 2% 330R	R22449	192089	XX70434-060	RES CMF 1/10W 2% 220R
R22373	194920	XX90574-260-C	RES CMF 1/10W 2% 1.2K	R22450	181063	XX30942-930-C	RESISTOR
R22374	205408	XX80440-510-C	RES CMF 1/10W 0% 0R	R22451	195937	XX50886-610	RES CMF 1/10W 5% 10K
R22375	176367	XX80439-630	RES CMF 1/8W 5% 47R	R22452	195937	XX50886-610	RES CMF 1/10W 5% 10K
R22376	176818	XX30942-940	RES CMF 1/8W 5% 100R	R22453	205337	XX50886-420	RES CMF 1/10W 2% 360R
R22377	181488	XX11064-940	RES CMF 1/8W 2% 330R	R22454	205347	XX40438-190	RES CMF 1/10W 2% 6.2K
R22401	195937	XX50886-610	RES CMF 1/10W 5% 10K	R22455	205348	XX70434-100	RES CMF 1/10W 2% 7.5K
R22402	195937	XX50886-610	RES CMF 1/10W 5% 10K	R22456	194917	XX60444-280	RES CMF 1/10W 2% 3K
R22403	192097	XX30944-170	RES CMF 1/10W 2% 4.7K	R22457	195937	XX50886-610	RES CMF 1/10W 5% 10K
R22404	195937	XX50886-610	RES CMF 1/10W 5% 10K	R22458	195937	XX50886-610	RES CMF 1/10W 5% 10K
R22405	243972	XX15359-080-F	RESISTOR	R22459	195937	XX50886-610	RES CMF 1/10W 5% 10K
R22406	243973	XX15278-240-F	RESISTOR	R22460	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R22407	243969	XX15269-170-F	RESISTOR	R22461	250714	XX60447-160-C	RESISTOR
R22408	243973	XX15278-240-F	RESISTOR	R22462	243408	XX40441-160-C	RESISTOR
R22409	243972	XX15359-080-F	RESISTOR	R22463	192097	XX30944-170	RES CMF 1/10W 2% 4.7K
R22410	243973	XX15278-240-F	RESISTOR	R22464	205347	XX40438-190	RES CMF 1/10W 2% 6.2K
R22412	195938	XX80440-330	RES CMF 1/10W 2% 3.3K	R22465	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R22413	195937	XX50886-610	RES CMF 1/10W 5% 10K (GCB)	R22466	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R22414	195937	XX50886-610	RES CMF 1/10W 5% 10K (GCB)	R22467	195937	XX50886-610	RES CMF 1/10W 5% 10K
R22415	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R22468	195937	XX50886-610	RES CMF 1/10W 5% 10K
R22416	205362	XX60444-310	RES CMF 1/10W 2% 39K	R22469	192097	XX30944-170	RES CMF 1/10W 2% 4.7K
R22417	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R22470	205308	XX30944-250	RES CMF 1/10W 5% 10R
R22418	205362	XX60444-310	RES CMF 1/10W 2% 39K	R38300	205348	XX70434-100	RES CMF 1/10W 2% 7.5K
R22419	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R38301	197628	XX40438-170	RES CMF 1/10W 2% 1.5K
R22420	197470	XX30944-330-C	RESISTOR	R38302	197628	XX40438-170	RES CMF 1/10W 2% 1.5K
R22421	205341	XX60444-270	RES CMF 1/10W 2% 2K	R38303	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R22422	195937	XX50886-610	RES CMF 1/10W 5% 10K	R38304	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R22423	206259	XX80439-650	RES CMF 1/8W 5% 470R	R38305	206301	XX70434-250	RES CMF 1/10W 5% 15K
R22424	205341	XX60444-270	RES CMF 1/10W 2% 2K	R38307	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R22425	197470	XX30944-330-C	RESISTOR	R38308	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R22426	181063	XX30942-930-C	RESISTOR	R38309	192084	XX50886-630	RES CMF 1/10W 5% 100K
R22427	197629	XX70434-040	RES CMF 1/10W 2% 75R	R38310	197903	XX20471-870-C	RES CMF 1/10W 2% 1.8K
R22428	181063	XX30942-930-C	RESISTOR	R38311	192102	XX11066-250-C	RESISTOR
R22429	197629	XX70434-040	RES CMF 1/10W 2% 75R	R38312	197628	XX40438-170	RES CMF 1/10W 2% 1.5K

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
R38313	195937	XX50886-610	RES CMF 1/10W 5% 10K	R41285	241259	XX20471-500-L	⚠ RESISTOR
R38314	206301	XX70434-250	RES CMF 1/10W 5% 15K	R41286	211857	XX30939-370	⚠ RES CF 1/4W 5% 15R
R38315	195938	XX80440-330	RES CMF 1/10W 2% 3.3K	R41287	200169	XX20471-990-C	RES CMF 1/10W 5% 12K
R38316	205345	XX60444-290	RES CMF 1/10W 2% 5.1K	R41288	205351	XX60444-300	RES CMF 1/10W 2% 11K
R38317	195938	XX80440-330	RES CMF 1/10W 2% 3.3K	SOCK	243935	XX15357-69A	SOCKET, IC: 8-PIN
R38326	195937	XX50886-610	RES CMF 1/10W 5% 10K	SW11900	211982	XX10848-900	SWITCH, SPEAKER
R38327	192097	XX30944-170	RES CMF 1/10W 2% 4.7K	T41200	243914	XX15205-420	⚠ TRANSFORMER
R38328	192097	XX30944-170	RES CMF 1/10W 2% 4.7K	U11301	237474	XX15113-590-E	IC
R38329	192097	XX30944-170	RES CMF 1/10W 2% 4.7K	U11400	243898	XX15280-210-G	IC
R38330	192097	XX30944-170	RES CMF 1/10W 2% 4.7K	U11401	243898	XX15280-210-G	IC
R38331	195937	XX50886-610	RES CMF 1/10W 5% 10K	U11402	243511	XX15283-940	IC
R38332	197907	XX30944-160	RES CMF 1/10W 2% 3.9K	U11403	243511	XX15283-940	IC
R38333	205347	XX40438-190	RES CMF 1/10W 2% 6.2K	U11404	237474	XX15113-590-E	IC
R38334	197905	XX40438-180	RES CMF 1/10W 2% 2.7K	U11500	237474	XX15113-590-E	IC
R38335	192102	XX11066-250-C	RESISTOR	U11700	243511	XX15283-940	IC
R38336	192097	XX30944-170	RES CMF 1/10W 2% 4.7K	U11701	243511	XX15283-940	IC
R38338	197628	XX40438-170	RES CMF 1/10W 2% 1.5K	U11702	249531	XX15593-250-G	IC
R38339	192070	XX60444-400	RES CMF 1/10W 5% 22K	U11800	227344	XX15000-750	IC
R38340	192097	XX30944-170	RES CMF 1/10W 2% 4.7K	U11900	227342	XX15047-430	IC
R38341	195938	XX80440-330	RES CMF 1/10W 2% 3.3K	U11901	248539	XX15434-470	IC
R38342	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	U11902	248539	XX15434-470	IC
R38343	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	U13101	248038	XX15486-580	IC
R38344	195937	XX50886-610	RES CMF 1/10W 5% 10K	U13102	250713	XX15572-930	IC, EEPROM
R38345	176818	XX30942-940	RES CMF 1/8W 5% 100R	U13103	243901	XX15341-440-G	IC
R38346	195937	XX50886-610	RES CMF 1/10W 5% 10K	U13203	248039	XX15518-300-G	IC
R38349	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	U16500	235447	XX15081-290	IC
R38359	205347	XX40438-190	RES CMF 1/10W 2% 6.2K	U16501	235447	XX15081-290	IC
R38360	197903	XX20471-870-C	RES CMF 1/10W 2% 1.8K	U16502	243907	XX15297-770	IC
R38361	205364	XX50886-460	RES CMF 1/10W 2% 47K	U18100	248620	XX15251-11C	IC
R38362	205364	XX50886-460	RES CMF 1/10W 2% 47K	U18101	243908	XX15081-280	IC
R38367	226489	XX60444-410	RES CMF 1/10W 5% 30K	U22300	243909	XX15276-28A	IC
R38368	195937	XX50886-610	RES CMF 1/10W 5% 10K	U22301	249130	XX15067-420-E	IC (GCB)
R38370	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	U22303	214704	XX46043-600	IC, 12V REGULATOR
R38371	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	U22401	248040	XX15478-940	IC
R38372	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	U22402	249531	XX15593-250-G	IC
R41127	248036	XX20470-320-L	RESISTOR	U22403	249531	XX15593-250-G	IC
R41128	195937	XX50886-610	RES CMF 1/10W 5% 10K	U22404	243907	XX15297-770	IC
R41129	248035	XX70437-130-C	RESISTOR	U22405	243907	XX15297-770	IC
R41130	215217	XX80443-080-C	RES CMF 1/10W 1% 10K	U22406	243907	XX15297-770	IC
R41131	197642	XX90574-420-C	RES CMF 1/10W 5% 3K	U22407	248041	XX15454-040	IC
R41132	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	U38300	242840	XX15201-840-G	IC
R41133	195937	XX50886-610	RES CMF 1/10W 5% 10K	U38301	248039	XX15518-300-G	IC
R41134	248036	XX20470-320-L	RESISTOR	U38303	243911	XX15178-670-G	IC
R41275	242795	XX70433-730-L	⚠ RESISTOR	U38304	248039	XX15518-300-G	IC
R41276	242795	XX70433-730-L	⚠ RESISTOR	U38305	236657	XX15180-770-G	IC
R41277	200169	XX20471-990-C	RES CMF 1/10W 5% 12K	U38306	248042	XX15180-010	IC
R41278	197904	XX40438-210	RES CMF 1/10W 2% 20K	U41275	232711	XX15066-390-E	IC
R41279	205353	XX11066-300	RES CMF 1/10W 2% 13K	Y13101	217322	XX10047-940	CRYSTAL, 8MHZ
R41280	205356	XX30944-200	RES CMF 1/10W 2% 18K	Y18100	197652	XX11073-470	CRYSTAL, 14.31818MHZ
R41281	194920	XX90574-260-C	RES CMF 1/10W 2% 1.2K	Y22300	243913	XX15315-420	CRYSTAL, 503.5KHZ
R41282	192077	XX11066-440	RES CMF 1/10W 5% 3.3K	Y22301	161235	XX40441-850	CRYSTAL, 3.58MHZ
R41283	202069	XX11059-640-L	RESISTOR	Y22401	243913	XX15315-420	CRYSTAL, 503.5KHZ
R41284	211857	XX30939-370	⚠ RES CF 1/4W 5% 15R				

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
KINE DRIVER/SVM				C15218	215555	XX60438-510	CAPCC .01UF M X7R 50V
C15101	243979	XX15353-490-C	CAPACITOR	C15219	215555	XX60438-510	CAPCC .01UF M X7R 50V
C15102	243979	XX15353-490-C	CAPACITOR	C15220	243985	XX11056-110-K	CAPACITOR
C15103	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	C15221	243986	XX15401-710-C	CAPACITOR
C15104	227898	XX40438-610-A	CAP LYTIC 470UF M 16V	C15222	243986	XX15401-710-C	CAPACITOR
C15106	120696	XX20468-420	CAPCD 1000PF K Z5P 3KV	C15223	190552	XX70427-610	CAPCC .1UF K X7R 50V
C15107	194366	XX80434-390	CAP LYTC 100UF M 16V	CIR	250908	XX15528-230	⚠️ CIRCUIT, KINE DRIVE W/SVM (GCB)
C15108	200537	XX50882-230-C	CAPACITOR	CIRC	250716	XX15433-640	⚠️ CIRCUIT, KINE DRIVE W/SVM (CB)
C15109	220345	XX90568-600-A	CAP LYTIC 22UF M 63V	CLIP	173269	XX15089-490	CLIP, TRANSISTOR
C15111	245496	XX15442-750-A	CAPACITOR	CR15111	243944	XX15370-260-B	DIODE
C15112	200537	XX50882-230-C	CAPACITOR	CR15112	139706	XX80442-720	DIODE
C15113	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	CR15115	243944	XX15370-260-B	DIODE
C15114	248021	XX15442-740-C	CAPACITOR	CR15121	243944	XX15370-260-B	DIODE
C15115	248021	XX15442-740-C	CAPACITOR	CR15122	139706	XX80442-720	DIODE
C15116	194366	XX80434-390	CAP LYTC 100UF M 16V	CR15125	243944	XX15370-260-B	DIODE
C15121	245496	XX15442-750-A	CAPACITOR	CR15131	243944	XX15370-260-B	DIODE
C15122	200537	XX50882-230-C	CAPACITOR	CR15132	139706	XX80442-720	DIODE
C15123	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	CR15135	243944	XX15370-260-B	DIODE
C15124	248021	XX15442-740-C	CAPACITOR	CR15171	232709	XX15577-300	DIODE
C15125	248021	XX15442-740-C	CAPACITOR	CR15172	139706	XX80442-720	DIODE
C15126	194366	XX80434-390	CAP LYTC 100UF M 16V	CR15173	139706	XX80442-720	DIODE
C15131	245496	XX15442-750-A	CAPACITOR	CR15174	232709	XX15577-300	DIODE
C15132	200537	XX50882-230-C	CAPACITOR	CR15201	139706	XX80442-720	DIODE
C15133	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	CR15202	207878	XX15047-710-A	DIODE - 200V 150 DEG
C15134	248021	XX15442-740-C	CAPACITOR	CR15203	207878	XX15047-710-A	DIODE - 200V 150 DEG
C15135	248021	XX15442-740-C	CAPACITOR	CR15204	248615	XX15451-490-A	DIODE
C15136	194366	XX80434-390	CAP LYTC 100UF M 16V	CR15205	232709	XX15577-300	DIODE
C15171	197600	XX11059-320	CAPCC 1000PF K X7R 50V	CR15206	232709	XX15577-300	DIODE
C15172	227898	XX40438-610-A	CAP LYTIC 470UF M 16V	CR15207	232709	XX15577-300	DIODE
C15173	245496	XX15442-750-A	CAPACITOR	CR15208	232709	XX15577-300	DIODE
C15176	197600	XX11059-320	CAPCC 1000PF K X7R 50V	FB15101	239201	XX15228-390-C	BEAD SMD
C15180	200537	XX50882-230-C	CAPACITOR	FB15102	226467	XX50895-750-L	BEAD
C15181	214732	XX30938-740-C	CAPACITOR	FB15111	239201	XX15228-390-C	BEAD SMD
C15182	120832	XX70429-400	CAPCD 1000PF K Z5P 500V	FB15121	239201	XX15228-390-C	BEAD SMD
C15190	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	FB15131	239201	XX15228-390-C	BEAD SMD
C15201	223350	XX60438-960-A	CAP LYTC 100UF M 35V	FB15201	226467	XX50895-750-L	BEAD
C15202	190552	XX70427-610	CAPCC .1UF K X7R 50V	FB15202	226467	XX50895-750-L	BEAD
C15203	190552	XX70427-610	CAPCC .1UF K X7R 50V	FB15203	226467	XX50895-750-L	BEAD
C15204	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	HEAT	243278	XX15046-140	HEATSINK
C15205	194902	XX50882-370-C	CAPACITOR	HEAT	243948	XX15335-21D	HEATSINK
C15206	223350	XX60438-960-A	CAP LYTC 100UF M 35V	INSU	222518	XX15314-550	⚠️ INSULATOR
C15207	193043	XX60438-950	CAP LYTC 47UF M 35V	J15102	242851	XX15204-730	⚠️ CONNECTOR, 12-PIN
C15208	195689	XX11059-340-C	CAPACITOR	J15103	239159	XX15164-370	⚠️ CONNECTOR, 14-PIN (GCB)
C15209	197597	XX80436-540	CAPCC 270PF J NPO 50V	J15103	243949	XX15358-020	⚠️ CONNECTOR, 10-PIN (CB)
C15210	243983	XX11054-490-A	CAPACITOR	J15201	226977	XX60458-390	⚠️ CONNECTOR, 3-PIN
C15211	197597	XX80436-540	CAPCC 270PF J NPO 50V	JC15201	181161	XX50885-530-C	RES CMF 1/8W 0% 0R
C15212	205230	XX20469-340-C	CAPACITOR	JC15202	181161	XX50885-530-C	RES CMF 1/8W 0% 0R
C15213	243984	XX15326-020-A	CAPACITOR	JW15101	NONSTK	XX15088-500	WIRE
C15214	245496	XX15442-750-A	CAPACITOR	KS15101	243950	XX15328-780	⚠️ SOCKET KINE DUAL FOCUS
C15215	245496	XX15442-750-A	CAPACITOR	L15101	160518	XX11066-630-J	⚠️ COIL 10UH
C15216	222008	XX15041-170-C	CAPCC .1UF K X7R 25V	L15102	242889	XX15237-820	⚠️ COIL, 15UH
C15217	245496	XX15442-750-A	CAPACITOR				

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
L15111	214576	XX30944-500	⚠ COIL 3.3UH	R15113	195929	XX11066-240-C	RESISTOR
L15112	205408	XX80440-510-C	RES CMF 1/10W 0% 0R	R15114	205338	XX70434-070	RES CMF 1/10W 2% 560R
L15121	214576	XX30944-500	⚠ COIL 3.3UH	R15115	243987	XX15391-270-L	⚠ RESISTOR
L15122	205408	XX80440-510-C	RES CMF 1/10W 0% 0R	R15116	243988	XX30941-360-M	RESISTOR
L15131	214576	XX30944-500	⚠ COIL 3.3UH	R15117	205308	XX30944-250	RES CMF 1/10W 5% 10R
L15132	205408	XX80440-510-C	RES CMF 1/10W 0% 0R	R15118	176818	XX30942-940	RES CMF 1/8W 5% 100R
L15201	239143	XX14041-740-C	COIL 2.2UH SMD	R15119	176818	XX30942-940	RES CMF 1/8W 5% 100R
L15202	214576	XX30944-500	COIL 3.3UH	R15120	243989	XX80436-940-L	RESISTOR
L15203	243942	XX15391-290	TRANSFORMER	R15121	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
Q15101	215496	XX30946-660-B	TRANSISTOR	R15122	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
Q15102	214644	XX90618-810-B	TRANSISTOR	R15123	195929	XX11066-240-C	RESISTOR
Q15103	214644	XX90618-810-B	TRANSISTOR	R15124	205338	XX70434-070	RES CMF 1/10W 2% 560R
Q15104	215496	XX30946-660-B	TRANSISTOR	R15125	243987	XX15391-270-L	⚠ RESISTOR
Q15105	215496	XX30946-660-B	TRANSISTOR	R15126	243988	XX30941-360-M	RESISTOR
Q15106	215496	XX30946-660-B	TRANSISTOR	R15127	205308	XX30944-250	RES CMF 1/10W 5% 10R
Q15107	215496	XX30946-660-B	TRANSISTOR	R15128	176818	XX30942-940	RES CMF 1/8W 5% 100R
Q15108	215496	XX30946-660-B	TRANSISTOR	R15129	176818	XX30942-940	RES CMF 1/8W 5% 100R
Q15109	214644	XX90618-810-B	TRANSISTOR	R15131	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
Q15110	215496	XX30946-660-B	TRANSISTOR	R15132	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
Q15111	215495	XX11070-770-B	TRANSISTOR	R15133	195929	XX11066-240-C	RESISTOR
Q15112	215495	XX11070-770-B	TRANSISTOR	R15134	205338	XX70434-070	RES CMF 1/10W 2% 560R
Q15113	214644	XX90618-810-B	TRANSISTOR	R15135	243987	XX15391-270-L	⚠ RESISTOR
Q15121	215495	XX11070-770-B	TRANSISTOR	R15136	243988	XX30941-360-M	RESISTOR
Q15123	214644	XX90618-810-B	TRANSISTOR	R15137	205308	XX30944-250	RES CMF 1/10W 5% 10R
Q15131	215495	XX11070-770-B	TRANSISTOR	R15138	176818	XX30942-940	RES CMF 1/8W 5% 100R
Q15133	214644	XX90618-810-B	TRANSISTOR	R15139	176818	XX30942-940	RES CMF 1/8W 5% 100R
Q15171	215496	XX30946-660-B	TRANSISTOR	R15140	176818	XX30942-940	RES CMF 1/8W 5% 100R
Q15172	226453	XX15053-290-E	TRANSISTOR	R15141	198667	XX30943-330	⚠ RES CFFP 1/4W 5% 100R
Q15173	227406	XX15053-300-E	TRANSISTOR	R15142	244266	XX15391-260-F	RESISTOR
Q15180	214644	XX90618-810-B	TRANSISTOR	R15143	197470	XX30944-330-C	RESISTOR
Q15203	215495	XX11070-770-B	TRANSISTOR	R15144	197470	XX30944-330-C	RESISTOR
Q15204	215495	XX11070-770-B	TRANSISTOR	R15145	195937	XX50886-610	RES CMF 1/10W 5% 10K
Q15205	215495	XX11070-770-B	TRANSISTOR	R15146	205346	XX80440-400	RES CMF 1/10W 5% 5.6K
Q15210	177788	XX70436-520-E	TRANSISTOR	R15150	176818	XX30942-940	RES CMF 1/8W 5% 100R
Q15211	177789	XX90576-540-E	TRANSISTOR	R15151	198667	XX30943-330	⚠ RES CFFP 1/4W 5% 100R
Q15212	227405	XX15052-880	TRANSISTOR	R15152	244266	XX15391-260-F	RESISTOR
Q15213	227404	XX15052-870	TRANSISTOR	R15153	197470	XX30944-330-C	RESISTOR
Q15214	229220	XX15064-300-E	TRANSISTOR	R15154	197470	XX30944-330-C	RESISTOR
Q15215	215495	XX11070-770-B	TRANSISTOR	R15160	176818	XX30942-940	RES CMF 1/8W 5% 100R
Q15216	215495	XX11070-770-B	TRANSISTOR	R15161	198667	XX30943-330	⚠ RES CFFP 1/4W 5% 100R
Q15217	215496	XX30946-660-B	TRANSISTOR	R15162	244266	XX15391-260-F	RESISTOR
R15100	197622	XX40438-320-C	RESISTOR	R15163	197470	XX30944-330-C	RESISTOR
R15101	197468	XX40438-350-C	RESISTOR	R15164	197470	XX30944-330-C	RESISTOR
R15102	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R15169	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R15103	195937	XX90574-280	RES CMF 1/10W 2% 10K	R15170	189995	XX30943-160	RES CMF 1/8W 2% 2K
R15104	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R15171	197470	XX30944-330-C	RESISTOR
R15105	193344	XX80440-420	RES CMF 1/10W 5% 33K	R15172	175418	XX20471-370	RES CMF 1/8W 5% 5.1K
R15107	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R15173	197470	XX30944-330-C	RESISTOR
R15108	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R15174	197470	XX30944-330-C	RESISTOR
R15109	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R15175	206259	XX80439-650	RES CMF 1/8W 5% 470R
R15110	195937	XX90574-280	RES CMF 1/10W 2% 10K	R15176	176638	XX40435-680	RES CF 1/4W 5% 330K
R15111	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R15177	176638	XX40435-680	RES CF 1/4W 5% 330K
R15112	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R15178	175044	XX30939-510	RES CF 1/4W 5% 100K

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
R15179	243991	XX15369-470-L	⚠ RESISTOR
R15180	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R15181	197905	XX40438-180	RES CMF 1/10W 2% 2.7K
R15182	205338	XX70434-070	RES CMF 1/10W 2% 560R
R15183	194902	XX30944-150-C	CAPACITOR
R15184	202586	XX50886-440	RES CMF 1/10W 2% 1.1K
R15185	197632	XX50886-430	RES CMF 1/10W 2% 430R
R15186	194920	XX90574-260-C	RES CMF 1/10W 2% 1.2K
R15187	197905	XX40438-180	RES CMF 1/10W 2% 2.7K
R15188	197639	XX30944-300	RES CMF 1/10W 5% 3.6K
R15189	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R15190	201144	XX50886-670-C	RES CMF 1/10W 5% 1M
R15191	205341	XX60444-270	RES CMF 1/10W 2% 2K
R15192	176818	XX30942-940	RES CMF 1/8W 5% 100R
R15193	197905	XX40438-180	RES CMF 1/10W 2% 2.7K
R15194	205350	XX11066-290	RES CMF 1/10W 2% 9.1K
R15195	205362	XX60444-310	RES CMF 1/10W 2% 39K
R15196	195937	XX50886-610	RES CMF 1/10W 5% 10K
R15197	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R15198	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R15199	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R15203	181482	XX60443-790-C	RESISTOR
R15204	176818	XX30942-940	RES CMF 1/8W 5% 100R
R15205	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R15206	206275	XX30942-960	RES CMF 1/8W 5% 220R
R15207	205322	XX40438-110-C	RESISTOR
R15208	205322	XX40438-110-C	RESISTOR
R15209	202585	XX40438-150	RES CMF 1/10W 2% 510R
R15210	197629	XX70434-040	RES CMF 1/10W 2% 75R
R15211	194902	XX30944-150-C	CAPACITOR
R15212	198667	XX30943-330	RES CFFP 1/4W 5% 100R
R15213	181482	XX60443-790-C	RESISTOR
R15214	206275	XX30942-960	RES CMF 1/8W 5% 220R
R15215	195937	XX90574-280	RES CMF 1/10W 2% 10K
R15216	197905	XX40438-180	RES CMF 1/10W 2% 2.7K
R15217	198667	XX30943-330	⚠ RES CFFP 1/4W 5% 100R
R15218	206275	XX30942-960	RES CMF 1/8W 5% 220R
R15219	206275	XX30942-960	RES CMF 1/8W 5% 220R
R15220	206275	XX30942-960	RES CMF 1/8W 5% 220R
R15221	200187	XX60444-360	RES CMF 1/10W 5% 110R
R15222	174340	XX11064-650-C	RESISTOR
R15223	205337	XX50886-420	RES CMF 1/10W 2% 360R
R15224	242655	XX50885-830	⚠ RES CFFP 1/4W 5% 18R
R15225	174340	XX11064-650-C	RESISTOR
R15226	206275	XX30942-960	RES CMF 1/8W 5% 220R
R15227	175350	XX30939-800-L	RESISTOR
R15228	205308	XX30944-250	RES CMF 1/10W 5% 10R
R15230	178282	XX90571-250	⚠ RES CF 1/4W 2% 270R
R15231	242631	XX20469-870	RES CF 1/2W 2% 33K
R15232	242631	XX20469-870	RES CF 1/2W 2% 33K
R15233	242194	XX80439-880	⚠ RES CFFP 1/4W 5% 75R
R15234	227403	XX15050-450-L	⚠ RESISTOR
R15235	181481	XX40437-590	RES CMF 1/8W 2% 270R

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
R15236	245517	XX30940-750	⚠ RES MFFP 1W 5% 75R
R15237	227403	XX15050-450-L	⚠ RESISTOR
R15239	175310	XX40440-580	⚠ RES MFFP 2W 5% 220R
R15240	237522	XX70432-020	⚠ RES WW 2W 5% 430R
R15241	205350	XX11066-290	RES CMF 1/10W 2% 9.1K
U15101	243946	XX15333-650	IC
U15102	243946	XX15333-650	IC
U15103	243946	XX15333-650	IC
WIRE	154385	XX15144-220	WIRE TIE, TWIST END 1/2"

PARALLELOGRAM

C14455	190524	XX30935-720	⚠ CAPACITOR
C14460	190524	XX30935-720	⚠ CAPACITOR
C14461	102230	XX15296-230	⚠ CAPCD 470PF K Z5P 500V
C14462	102230	XX15296-230	⚠ CAPCD 470PF K Z5P 500V
CABLE	243770	XX15357-570	⚠ CABLE ASY, HORIZ YOKE (GCB)
CIR	249752	XX15528-330	● CIRCUIT PARALLELOGRAM (GCB)
CIR	248018	XX15433-720	●⚠ CIRCUIT PARALLELOGRAM (CB)
CR14453	176296	XX30946-670	⚠ DIODE (GCB)
CR14453	176296	XX30946-670-A	⚠ DIODE (CB)
CR14454	176296	XX30946-670-A	⚠ DIODE (CB)
CR14454	176296	XX30946-670	⚠ DIODE (GCB)
J24352	243582	XX15233-410	CONNECTOR 4 PIN
JW24301	NONSTK	XX15088-500	WIRE
L14452	243962	XX15243-470	⚠ COIL FIXED 4.5UH
R14451	243996	XX15241-570	⚠ RES CONTROL
R14452	242009	XX11065-710	⚠ RES CFFP 1/2W 5% 10R (GCB)
R14452	242009	XX11065-710-L	⚠ RES CFFP 1/2W 5% 10R (CB)
R14453	243997	XX15042-640-L	⚠ RESISTOR (CB)
R14453	243997	XX15042-640	⚠ RES MF 1W 5% .22R (GCB)
R24300	241551	XX90572-180-L	⚠ RESISTOR (CB)
R24300	241551	XX90572-180	⚠ RES MF 1W 5% 470R (GCB)
RETA	139301	XX15073-540	RETAINER, BEAD CHAIN (CB)
RETAI	139301	XX15073-540	RETAINER, BEAD CHAIN (GCB)
SW14401	211982	XX10848-900	⚠ SWITCH, SPEAKER
SW24300	243963	XX15390-270	SWITCH SLIDE
SW24301	245491	XX15425-610	SWITCH SLIDE
T24300	248022	XX15434-320	⚠ TRANSFORMER DEFLECTION


SECOND TUNER

C17102	214757	XX14030-200-C	CAPCC 4PF +0-.25PF NPO 50V
C17103	194903	XX60441-080	CAPCC 22PF J NPO 50V
C17104	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C17105	214758	XX11058-320-C	CAPACITOR
C17106	214759	XX14004-760	CAPCC 39PF J SL 50V
C17107	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C17108	214760	XX14004-570-C	CAPCC 27PF J N750 50V
C17109	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C17110	223146	XX11059-530-C	CAPACITOR
C17111	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C17112	197600	XX11059-320	CAPCC 1000PF K X7R 50V

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
C17113	192060	XX11059-300	CAPCC 1000PF K SL 50V	C17406	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C17115	197600	XX11059-320	CAPCC 1000PF K X7R 50V	C17407	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C17116	197600	XX11059-320	CAPCC 1000PF K X7R 50V	C17408	215555	XX40432-770	CAPCC .01UF K X7R 50V
C17117	194905	XX40435-070	CAPCC 2PF C NPO 50V	C17409	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C17118	194903	XX60441-080	CAPCC 22PF J NPO 50V	C17410	192061	XX20468-960	CAPCC 75PF J NPO 50V
C17119	192060	XX11059-300	CAPCC 1000PF K SL 50V	C17411	192061	XX20468-960	CAPCC 75PF J NPO 50V
C17122	226503	XX20466-940	CAPCC 1000PF K SL 50V	C17412	181460	XX50879-870-C	CAPCC 1000PF K X7R 50V
C17123	197600	XX11059-320	CAPCC 1000PF K X7R 50V	C17413	200144	XX70430-390-C	CAPACITOR
C17124	197604	XX11058-640-C	CAPCC 27PF J NPO 50V	C17414	174412	XX40432-580	CAPCC 100PF K NPO 50V
C17125	192060	XX11059-300	CAPCC 1000PF K SL 50V	C17415	197600	XX11059-320	CAPCC 1000PF K X7R 50V
C17126	226503	XX20466-940	CAPCC 1000PF K SL 50V	C27901	161997	XX40432-840	CAPCC .1UF Z Y5V 50V
C17127	194902	XX50882-370-C	CAPACITOR	C27904	195689	XX11059-340-C	CAPACITOR
C17130	197600	XX11059-320	CAPCC 1000PF K X7R 50V	C27905	220344	XX15047-900-C	CAPCC 680PF J NPO 50V
C17131	197600	XX11059-320	CAPCC 1000PF K X7R 50V	C27906	222008	XX15041-170-C	CAPCC .1UF K X7R 25V
C17132	197600	XX11059-320	CAPCC 1000PF K X7R 50V	C27907	245527	XX11058-880-C	CAPACITOR
C17134	192060	XX11059-300	CAPCC 1000PF K SL 50V	C27908	194911	XX50882-360	CAPCC 33PF J NPO 50V
C17136	214032	XX30938-720-C	CAPACITOR	C27909	227413	XX15041-140-C	CAPP 0.15UF Z Y5V 50V
C17137	205227	XX20468-970	CAPCC 330PF J NPO 50V	C27910	195689	XX11059-340-C	CAPACITOR
C17139	214761	XX14040-810	CAPCC 20PF G N220 50V	C27911	220998	XX60438-930	CAP LYTC 1UF M 100V
C17140	194905	XX40435-070	CAPCC 2PF C NPO 50V	C27912	161997	XX40432-840	CAPCC .1UF Z Y5V 50V
C17142	192060	XX11059-300	CAPCC 1000PF K SL 50V	C27913	205551	XX30938-730-C	CAPACITOR
C17143	197600	XX11059-320	CAPCC 1000PF K X7R 50V	C27914	202908	XX90570-950	CAPCC 3900PF K X7R 50V
C17145	192060	XX11059-300	CAPCC 1000PF K SL 50V	C27915	227413	XX15041-140-C	CAPP 0.15UF Z Y5V 50V
C17148	181460	XX50879-870-C	CAPCC 1000PF K X7R 50V	C27916	227413	XX15041-140-C	CAPP 0.15UF Z Y5V 50V
C17149	194903	XX60441-080	CAPCC 22PF J NPO 50V	C27917	189979	XX80434-350	CAP LYTC 47UF M 25V
C17150	214032	XX30938-720-C	CAPACITOR	C27918	220132	XX15041-150-C	CAPCC .33UF Z Y5V 25V
C17151	220150	XX40435-170	CAPCC 20PF J NPO 50V	C27920	195689	XX11059-340-C	CAPACITOR
C17152	202905	XX11058-650	CAPCC 39PF J NPO 50V	C27921	200537	XX50882-230-C	CAPACITOR
C17153	202905	XX11058-650	CAPCC 39PF J NPO 50V	C27922	200537	XX50882-230-C	CAPACITOR
C17301	194904	XX30938-530	CAPCC 1.5PF D NPO 50V	C27923	195689	XX11059-340-C	CAPACITOR
C17302	194904	XX30938-530	CAPCC 1.5PF D NPO 50V	C27924	227413	XX15041-140-C	CAPP 0.15UF Z Y5V 50V
C17303	197600	XX11059-320	CAPCC 1000PF K X7R 50V	C27926	220132	XX15041-150-C	CAPCC .33UF Z Y5V 25V
C17304	194905	XX40435-070	CAPCC 2PF C NPO 50V	C27927	189979	XX80434-350	CAP LYTC 47UF M 25V
C17305	192061	XX20468-960	CAPCC 75PF J NPO 50V	C27928	189979	XX80434-350	CAP LYTC 47UF M 25V
C17307	220150	XX40435-170	CAPCC 20PF J NPO 50V	C27929	193043	XX20467-230	CAP LYTC 47UF M 50V
C17308	231457	XX14005-190-C	CAPACITOR	C27931	189979	XX80434-350	CAP LYTC 47UF M 25V
C17309	231458	XX14003-810-C	CAPACITOR	C27932	219205	XX80436-490	CAPCC 12PF J NPO 50V
C17310	214766	XX70429-970-C	CAPCC 8PFD N750 50V	C27934	189979	XX80434-350	CAP LYTC 47UF M 25V
C17311	231457	XX14005-190-C	CAPACITOR	C27936	189979	XX80434-350	CAP LYTC 47UF M 25V
C17312	231457	XX14005-190-C	CAPACITOR	C27937	200537	XX50882-230-C	CAPACITOR
C17314	192060	XX11059-300	CAPCC 1000PF K SL 50V	C27938	200537	XX50882-230-C	CAPACITOR
C17315	192060	XX11059-300	CAPCC 1000PF K SL 50V	C27939	227413	XX15041-140-C	CAPP 0.15UF Z Y5V 50V
C17316	194909	XX11058-400	CAPCC 8PF D NPO 50V	C27940	227413	XX15041-140-C	CAPP 0.15UF Z Y5V 50V
C17318	192060	XX11059-300	CAPCC 1000PF K SL 50V	C27941	181462	XX40432-850	CAPCC .22UF Z Y5V 50V
C17320	205227	XX20468-970	CAPCC 330PF J NPO 50V	C27942	227413	XX15041-140-C	CAPP 0.15UF Z Y5V 50V
C17322	231459	XX20469-390	CAPCC 24PF G NPO 50V	C27943	227413	XX15041-140-C	CAPP 0.15UF Z Y5V 50V
C17323	227250	XX80436-870-C	CAPACITOR	C32105	160077	XX60438-920	CAP LYTC .47UF M 100V
C17325	197600	XX11059-320	CAPCC 1000PF K X7R 50V	CF27901	181125	XX15082-740	FILTER, CERAMIC: 4.5MHZ
C17326	231460	XX11059-480-C	CAPACITOR	CIRCU	250726	XX15532-190	⚠ CIRCUIT, SECOND TUNER
C17402	200141	XX20467-040-A	CAP POLY .1UF K 63V	CLIP	173269	XX15089-490	CLIP, TRANSISTOR
C17403	202909	XX80436-830	CAPCC 1800PF K X7R 50V	COVER	236679	XX15193-62C	● COVER, TUNER BOTTOM
C17404	197600	XX11059-320	CAPCC 1000PF K X7R 50V	COVER	242750	XX15306-410	● COVER, WRAP
C17405	194911	XX50882-360	CAPCC 33PF J NPO 50V	CR17101	215492	XX60445-480	DIODE

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
CR17102	215492	XX60445-480	DIODE	L17110	233075	XX15209-640	COIL AIR
CR17103	215492	XX60445-480	DIODE	L17111	233076	XX15208-890	COIL AIR
CR17105	215493	XX50887-840	DIODE	L17112	231441	XX15208-850	COIL AIR
CR17106	233085	XX15050-090-B	DIODE	L17113	233077	XX15208-880	COIL AIR
CR17107	215494	XX40439-390-B	7 MATCHED DIODE	L17114	231441	XX15208-850	COIL AIR
CR17108	215494	XX40439-390-B	7 MATCHED DIODE	L17115	233078	XX15229-220	COIL AIR
CR17109	215493	XX50887-840	DIODE	L17116	237461	XX15180-720	COIL AIR
CR17110	215493	XX50887-840	DIODE	L17117	237460	XX15229-320	COIL AIR
CR17111	215494	XX40439-390-B	7 MATCHED DIODE	L17118	237461	XX15180-720	COIL AIR
CR17112	215493	XX50887-840	DIODE	L17301	231443	XX15230-480	COIL AIR
CR17113	233085	XX15050-090-B	DIODE	L17302	231444	XX15229-010	COIL AIR
CR17114	215492	XX60445-480	DIODE	L17303	233079	XX15209-620	COIL AIR
CR17301	215492	XX60445-480	DIODE	L17304	233080	XX15208-860	COIL AIR
CR17302	215494	XX40439-390-B	7 MATCHED DIODE	L17305	236643	XX15201-140	COIL AIR
CR17303	215493	XX50887-840	DIODE	L17306	231448	XX15209-430	COIL AIR
CR17304	215492	XX60445-480	DIODE	L27903	197613	XX80440-520	COIL 15UH
CR27901	227051	XX15050-100-B	DIODE	L27904	249232	XX15576-880	COIL
FB27901	215547	XX70443-980-L	BEAD	L27906	190017	XX50886-880-L	COIL
HEATS	243278	XX15046-140	HEATSINK	L27907	190017	XX50886-880-L	COIL
J17102	250727	XX15481-160	CABLE, RF: 2ND TO MAIN TUNER	L27908	190017	XX50886-880-L	COIL
J27901	226525	XX11038-995	CONNECTOR, 2-PIN	Q17101	226973	XX15053-050-B	TRANSISTOR
J27902	227401	XX15049-700	CONNECTOR, 5-PIN	Q17102	226973	XX15053-050-B	TRANSISTOR
J27903	226977	XX60458-390	 CONNECTOR, 3-PIN	Q17402	215496	XX30946-660-B	TRANSISTOR
JC17701	181161	XX50885-530-C	RES CMF 1/8W 0% 0R	Q17403	231534	XX15070-010-B	TRANSISTOR
JC17702	181161	XX50885-530-C	RES CMF 1/8W 0% 0R	Q17404	215496	XX30946-660-B	TRANSISTOR
JC17703	205408	XX80440-510-C	RES CMF 1/10W 0% 0R	Q27901	215495	XX11070-770-B	TRANSISTOR
JC17704	205408	XX80440-510-C	RES CMF 1/10W 0% 0R	Q27902	215495	XX11070-770-B	TRANSISTOR
JC17705	205408	XX80440-510-C	RES CMF 1/10W 0% 0R	Q27903	215496	XX30946-660-B	TRANSISTOR
JC17706	181161	XX50885-530-C	RES CMF 1/8W 0% 0R	Q27904	215496	XX30946-660-B	TRANSISTOR
JC17707	181161	XX50885-530-C	RES CMF 1/8W 0% 0R	Q27905	215495	XX11070-770-B	TRANSISTOR
JC17708	181161	XX50885-530-C	RES CMF 1/8W 0% 0R	Q27906	215496	XX30946-660-B	TRANSISTOR
JC17709	181161	XX50885-530-C	RES CMF 1/8W 0% 0R	Q27908	215496	XX30946-660-B	TRANSISTOR
JC27901	181161	XX50885-530-C	RES CMF 1/8W 0% 0R	Q32101	219412	XX15047-510-B	TRANSISTOR
JC27902	181161	XX50885-530-C	RES CMF 1/8W 0% 0R	R17101	192084	XX50886-630	RES CMF 1/10W 5% 100K
JW17701	NONSTK	XX15088-500	WIRE	R17106	192084	XX50886-630	RES CMF 1/10W 5% 100K
JW17702	NONSTK	XX15088-500	WIRE	R17107	205336	XX11066-410	RES CMF 1/10W 5% 300R
JW27901	NONSTK	XX15088-500	WIRE	R17108	195937	XX50886-610	RES CMF 1/10W 5% 10K
JW27902	NONSTK	XX15088-500	WIRE	R17109	195937	XX50886-610	RES CMF 1/10W 5% 10K
JW27903	NONSTK	XX15088-500	WIRE	R17110	192084	XX50886-630	RES CMF 1/10W 5% 100K
JW27904	NONSTK	XX15088-500	WIRE	R17111	195937	XX50886-610	RES CMF 1/10W 5% 10K
JW27907	NONSTK	XX15088-500	WIRE	R17112	178196	XX70433-140	RES CMF 1/8W 5% 1.2K
JW27908	NONSTK	XX15088-500	WIRE	R17113	197633	XX11066-480-C	RESISTOR
JW27910	NONSTK	XX15088-500	WIRE	R17114	197633	XX11066-480-C	RESISTOR
L17101	215507	XX15209-410	COIL AIR	R17115	192084	XX50886-630	RES CMF 1/10W 5% 100K
L17102	236641	XX15201-070	COIL AIR	R17119	192084	XX50886-630	RES CMF 1/10W 5% 100K
L17103	223929	XX15209-510	COIL AIR	R17122	192084	XX50886-630	RES CMF 1/10W 5% 100K
L17104	236642	XX15180-560	COIL	R17123	215213	XX90574-350-C	RESISTOR
L17105	236642	XX15180-560	COIL	R17124	195937	XX50886-610	RES CMF 1/10W 5% 10K
L17106	215507	XX15209-410	COIL AIR	R17125	192096	XX80440-390	RES CMF 1/10W 5% 2.2K
L17107	233057	XX15229-180	COIL AIR	R17127	205308	XX30944-250	RES CMF 1/10W 5% 10R
L17108	233074	XX15230-510	COIL AIR	R17128	192084	XX50886-630	RES CMF 1/10W 5% 100K
L17109	200559	XX15234-410-L	COIL 3.9UH	R17129	195937	XX50886-610	RES CMF 1/10W 5% 10K
				R17130	175322	XX40435-670	RES CF 1/4W 5% 47K

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
R17132	205308	XX30944-250	RES CMF 1/10W 5% 10R	R27921	206729	XX20471-970	RES CMF 1/10W 5% 2.4K
R17136	192084	XX50886-630	RES CMF 1/10W 5% 100K	R27922	197628	XX40438-170	RES CMF 1/10W 2% 1.5K
R17138	206297	XX20471-960	RES CMF 1/10W 5% 1.8K	R27923	214143	XX80443-130	RES CMF 1/10W 1% 1K
R17141	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R27924	223788	XX20474-270	RES CMF 1/10W 1% 2K
R17142	176818	XX30942-940	RES CMF 1/8W 5% 100R	R27925	236639	XX30947-610-C	RES CMF 1/10W 1% 1.4K
R17145	195937	XX50886-610	RES CMF 1/10W 5% 10K	R27926	192082	XX40438-290	RES CMF 1/10W 5% 1.5K
R17147	205411	XX11066-620	RES WW 3W 5% 4.7R	R27927	202917	XX80440-460	RES CMF 1/10W 5% 1.5M
R17148	192084	XX50886-630	RES CMF 1/10W 5% 100K	R27928	197645	XX50886-600	RES CMF 1/10W 5% 5.1K
R17149	192096	XX80440-390	RES CMF 1/10W 5% 2.2K	R27929	197645	XX50886-600	RES CMF 1/10W 5% 5.1K
R17150	192084	XX50886-630	RES CMF 1/10W 5% 100K	R27930	181061	XX40437-560	RES CMF 1/8W 5% 24K
R17151	195937	XX50886-610	RES CMF 1/10W 5% 10K	R27931	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R17301	175307	XX80436-970	RES CF 1/4W 5% 510R	R27932	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R17302	197633	XX11066-480-C	RESISTOR	R27933	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R17303	192098	XX60444-350	RES CMF 1/10W 5% 47R	R27934	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R17306	194926	XX90574-400-C	RES CMF 1/10W 5% 470R	R27935	176818	XX30942-940	RES CMF 1/8W 5% 100R
R17307	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R27936	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R17308	205314	XX70434-180	RES CMF 1/10W 5% 18R	R27937	206729	XX20471-970	RES CMF 1/10W 5% 2.4K
R17309	174354	XX11064-810	RES CMF 1/8W 5% 33K	R27938	205349	XX20471-890	RES CMF 1/10W 2% 8.2K
R17310	197633	XX11066-480-C	RESISTOR	R27939	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R17311	205312	XX40438-250	RES CMF 1/10W 5% 15R	R27940	195937	XX50886-610	RES CMF 1/10W 5% 10K
R17313	192082	XX40438-290	RES CMF 1/10W 5% 1.5K	R27941	206729	XX20471-970	RES CMF 1/10W 5% 2.4K
R17315	195937	XX50886-610	RES CMF 1/10W 5% 10K	R27942	220568	XX30939-360	RES CF 1/4W 5% 10R
R17317	192104	XX11066-420	RES CMF 1/10W 5% 390R	R27943	237540	XX15050-490-L	⚠ RES CF 1/2W 5% 8.2R
R17401	200169	XX20471-990-C	RES CMF 1/10W 5% 12K	R27944	237541	XX11062-410-D	⚠ RES WW 2W 5% 51R
R17404	197633	XX11066-480-C	RESISTOR	R27945	174348	XX30942-990-C	RES CMF 1/8W 5% 1K
R17405	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R27946	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R17406	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	R27947	192100	XX20471-950-C	RES CMF 1/10W 5% 1K
R17407	197633	XX11066-480-C	RESISTOR	R27948	197637	XX20471-940	RES CMF 1/10W 5% 680R
R17408	200169	XX20471-990-C	RES CMF 1/10W 5% 12K	R27949	217314	XX30940-740-L	RESISTOR
R17410	194926	XX90574-400-C	RES CMF 1/10W 5% 470R	R27950	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R17412	206381	XX60443-740	RES CMF 1/8W 5% 100K	R27951	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R17413	206380	XX11064-770	RES CMF 1/8W 5% 4.7K	R27952	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R17414	192091	XX50886-580	RES CMF 1/10W 5% 2K	R27953	218508	XX70434-200-C	RES CMF 1/10W 5% 100R
R17415	195937	XX50886-610	RES CMF 1/10W 5% 10K	R32110	176366	XX90573-580	RES CMF 1/8W 5% 2.2K
R17416	192084	XX50886-630	RES CMF 1/10W 5% 100K	R32111	206301	XX70434-250	RES CMF 1/10W 5% 15K
R17417	194926	XX90574-400-C	RES CMF 1/10W 5% 470R	R32112	207835	XX20472-020	RES CMF 1/10W 5% 180K
R27904	176650	XX11059-730	RES CF 1/4W 5% 120K	R32113	205375	XX20472-030-C	RES CMF 1/10W 2% 270K
R27905	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	R32114	192071	XX11066-540	RES CMF 1/10W 5% 560K
R27906	192084	XX50886-630	RES CMF 1/10W 5% 100K	R32115	201144	XX50886-670-C	RES CMF 1/10W 5% 1M
R27907	195937	XX90574-280	RES CMF 1/10W 2% 10K	SF27901	217318	XX10019-78A	FILTER,SURFACE ACOUSTICAL WAVE
R27908	197904	XX40438-210	RES CMF 1/10W 2% 20K	SHIEL	237649	XX15189-83C	● SHIELD, TUNER I-BAR
R27909	205552	XX11066-490	RES CMF 1/10W 5% 62K	SHIEL	237650	XX15092-370	● SHIELD, CAN
R27910	197633	XX11066-480-C	RESISTOR	U17301	231528	XX15066-47A	IC, MIXER/OSCILLATOR
R27911	205552	XX11066-490	RES CMF 1/10W 5% 62K	U17401	231529	XX15064-00A	IC, TUNER PLL
R27912	174348	XX30942-990-C	RES CMF 1/8W 5% 1K	U27901	236645	XX15080-98B	IC
R27913	175317	XX30939-480-L	RESISTOR	U27902	204290	XX15047-050	IC
R27914	192100	XX20471-950-C	RES CMF 1/10W 5% 1K	U27903	245528	XX15166-850	IC, EEPROM
R27915	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	U27904	227341	XX15047-060	IC
R27916	218508	XX70434-200-C	RES CMF 1/10W 5% 100R	U27905	236646	XX15129-330	IC
R27917	202069	XX11059-640-L	RESISTOR	Y17401	230708	XX80444-040	CRYSTAL, 4MHZ
R27918	195929	XX11066-240-C	RESISTOR				
R27919	215200	XX50886-560-C	RESISTOR				
R27920	214143	XX80443-130	RES CMF 1/10W 1% 1K				

F38310JX1(CB)

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
INSTRUMENT ASSEMBLY			
BARRI	245524	XX15327-85A	●⚠ BARRIER, TRAY BOTTOM
BASE	243541	XX15305-98B	BASE MOUNTING
BRACK	250859	XX15560-520	BRACKET, CABLE SUPPORT: DM1
BRACK	245520	XX15418-57A	BRACKET, DEFLECTION SIP
BRACK	245518	XX15302-140	BRACKET, FAN SUPPORT
BUTTO	250936	XX15509-67A	⚠ BUTTON CLUSTER
CABLE	242828	XX15050-87B	⚠ CABLE,ASY MODULAR
CABLE	250857	XX15469-370	⚠ CABLE ASY, AC-IN: DM1-PS/DEFL
CABLE	245513	XX15344-970	⚠ CABLE ASY,P13107/P27902
CABLE	245515	XX15333-230	CABLE ASY,P14403/P24352
CABLE	245512	XX15344-960	⚠ CABLE ASY,P16507/P27901
CABLE	245508	XX15300-340	⚠ CABLE ASY,P14405/P15103
CABLE	250948	XX15473-47A	CABLE, CRT GROUND
CABLE	243718	XX15300-350	CABLE ASY,P16504/P26101
CABLE	248528	XX15333-210	CABLE ASY,FRAME COMB/P16500
CABLE	248024	XX15455-610	CABLE ASY, YOKE INTERCONNECT
CABLE	245529	XX15390-530	⚠ CABLE, AC POWER
CABLE	250856	XX15544-300	⚠ CABLE ASY, DM1 TO CHASSIS GND
CABLE	243425	XX15227-75A	CABLE ASY, SVM
CABLE	250858	XX15567-990	⚠ CABLE ASY, P14601/P27903
CABLE	248025	XX15504-500	CABLE ASY,P15102/P22325
CABLE	245507	XX15300-330	⚠ CABLE ASY,P14101/P41276
CLAMP	250860	XX15560-540	CLAMP, STRAIN RELIEF: DM1-PS
CLAMP	243554	XX15355-09D	CLAMP (2"),CABLE STRAIN RELIEF
CLIP	250861	XX15578-52A	CLIP, RIBBON CABLE SUPPORT
CLIP	244020	XX15388-61D	CLIP, CABLE
COIL	250949	XX15611-030	⚠ COIL, DEGAUSSING
COVER	250937	XX15509-68A	⚠ COVER, FPA
CRT	HA97AJG148	XX15459-230	⚠ W97AJG14X08
DOOR	242773	XX15264-73A	DOOR, BATTERY CRK76
DOOR	249702	XX15559-190	DOOR, A/V IN
FAN	244028	XX15371-250	⚠ FAN, CHASSIS COOLING
FAN	244019	XX15379-86A	FAN ASY DM1
FERRI	248029	XX15403-650	FERRITE CORE, SPLIT
FRAME	249006	XX15283-53D	⚠ FRAME, DM1X P/S MOUNTING
GRILL	250940	XX15463-63C	●⚠ GRILLE, SPEAKER
GROMM	245526	XX15346-510	GROMMET, SCREW ENCLOSING
J14402	245514	XX15350-300	CABLE JUMPER,J14402/J14411
JACK	242827	XX15359-440	JACK,TELE ADAPTOR
L4202	237832	XX15217-960	COIL, FIELD CANCEL
LOGO	249698	XX15509-57A	● LOGO, RCA
MASK	MK2405	XX15466-30B	●⚠ MASK & BACK ASY
OVERL	250938	XX15475-01B	OVERLAY, FRONT A/V JACKS

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
P1901	250947	XX15474-090	CABLE, SPEAKER
PANEL	250862	XX15481-77A	⚠ PANEL, REAR JACK
REM	244877	XX15330-08B	TRANSMITTER, REMOTE: CRK76TD3
RETAI	139301	XX15073-540	RETAINER, BEAD CHAIN
SCREW	226014	XX15052-310	⚠ SCREW, KINE MTG
SCREW	205509	XX15131-340	SCREW, #10-16 X .5 HL
SCREW	242511	XX15238-690	● SCREW, #10-16 X .88 HL
SCREW	243882	XX15143-270	● SCREW 8-18 HWH, .375LG
SCREW	233963	XX15081-300	SCREW, 4-24 X .312
SHIEL	250951	XX15644-020	●⚠ SHIELD, ESD BARRIER: FPA(BOT)
SHIEL	250950	XX15619-16B	●⚠ SHIELD, ESD BARRIER: FPA(TOP)
SPKR	225641	XX15048-640	SPEAKER, 2.25 X 5 IN 8 OHM
SPRIN	249059	XX15211-150	SPRING EXTENSION
SUPPO	245519	XX15397-470	SUPPORT, KINE SOCKET
TRAY	245523	XX15301-70C	⚠ TRAY, CHASSIS MTG
TRIM	250855	XX15474-19A	⚠ TRIM
WIRE	244011	XX15389-080	WIRE TIE, 5.3 LG
WIRE	215867	XX15144-230	WIRE TIE, TWIST END 3/16"
WIRE	243886	XX15132-040	WIRE TIE, TWIST END 1"
WIRE	232735	XX15127-960	⚠ WIRE SADDLE, TWIST END 2"

F38310JX2(GCB)**INSTRUMENT ASSEMBLY**

BARRI	245524	XX15327-85A	●⚠ BARRIER, TRAY BOTTOM
BASE	243541	XX15305-98B	BASE MOUNTING
BRACK	245520	XX15418-57A	BRACKET, DEFLECTION SIP
BRACK	250859	XX15560-520	BRACKET, CABLE SUPPORT: DM1
BRACK	250906	XX15528-810	BRACKET, FAN SUPPORT
BUTTO	250936	XX15509-67A	⚠ BUTTON CLUSTER
CABLE	250905	XX15652-600	⚠ CABLE ASY, P14405/P15103
CABLE	248024	XX15455-610	CABLE ASY, YOKE INTERCONNECT
CABLE	245515	XX15333-230	CABLE ASY,P14403/P24352
CABLE	248528	XX15333-210	CABLE ASY,FRAME COMB/P16500
CABLE	245529	XX15390-530	⚠ CABLE, AC POWER
CABLE	250856	XX15544-300	⚠ CABLE ASY, DM1 TO CHASSIS GND
CABLE	242828	XX15050-87B	⚠ CABLE,ASY MODULAR
CABLE	243718	XX15300-350	CABLE ASY,P16504/P26101
CABLE	250857	XX15469-370	⚠ CABLE ASY, AC-IN: DM1-PS/DEFL
CABLE	245513	XX15344-970	⚠ CABLE ASY,P13107/P27902
CABLE	245512	XX15344-960	⚠ CABLE ASY,P16507/P27901
CABLE	248025	XX15504-500	CABLE ASY,P15102/P22325
CABLE	245507	XX15300-330	⚠ CABLE ASY,P14101/P41276
CABLE	243425	XX15227-75A	CABLE ASY, SVM
CABLE	250948	XX15473-47A	CABLE, CRT GROUND
CLAMP	250860	XX15560-540	CLAMP, STRAIN RELIEF: DM1-PS
CLIP	250861	XX15578-52A	CLIP, RIBBON CABLE SUPPORT

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
COIL	250949	XX15611-030	⚠ COIL, DEGAUSSING	BRACK	245520	XX15418-57A	BRACKET, DEFLECTION SIP
CORE	245493	XX15079-000	CORE FERRITE	BUTTO	251013	XX15477-51B	⚠ BUTTON CLUSTER
COVER	250937	XX15509-68A	⚠ COVER, FPA	CABLE	248025	XX15504-500	CABLE ASY,P15102/P22325
CRT	HA97AJG14 8	XX15459-230	⚠ W97AJG14X08	CABLE	250856	XX15544-300	⚠ CABLE ASY, DM1 TO CHASSIS GND
DOOR	242773	XX15264-73A	DOOR, BATTERY CRK76	CABLE	242828	XX15050-87B	⚠ CABLE,ASY MODULAR
DOOR	249702	XX15559-190	DOOR, A/V IN	CABLE	245508	XX15300-340	⚠ CABLE ASY,P14405/P15103
FAN	244019	XX15379-86A	FAN ASY DM1	CABLE	250858	XX15567-990	⚠ CABLE ASY, P14601/P27903
FAN	244028	XX15371-250	⚠ FAN, CHASSIS COOLING	CABLE	245529	XX15390-530	⚠ CABLE, AC POWER
FERRI	248029	XX15403-650	FERRITE CORE, SPLIT	CABLE	243425	XX15227-75A	CABLE ASY, SVM
FRAME	249006	XX15283-53D	⚠ FRAME, DM1X P/S MOUNTING	CABLE	251026	XX15473-46A	CABLE ASY, CRT GROUND
GRILL	250940	XX15463-63C	●⚠ GRILLE, SPEAKER	CABLE	243718	XX15300-350	CABLE ASY,P16504/P26101
GROMM	245526	XX15346-510	GROMMET, SCREW ENCLOSING	CABLE	245513	XX15344-970	⚠ CABLE ASY,P13107/P27902
J14402	245514	XX15350-300	CABLE JUMPER,J14402/J14411	CABLE	245515	XX15333-230	CABLE ASY,P14403/P24352
JACK	242827	XX15359-440	JACK,TELE ADAPTOR	CABLE	248024	XX15455-610	CABLE ASY, YOKE INTERCONNECT
L4202	237832	XX15217-960	COIL, FIELD CANCEL	CABLE	245507	XX15300-330	⚠ CABLE ASY,P14101/P41276
LOGO	249698	XX15509-57A	● LOGO, RCA	CABLE	250857	XX15469-370	⚠ CABLE ASY, AC-IN: DM1-PS/DEFL
MASK	MK2405	XX15466-30B	●⚠ MASK & BACK ASY	CABLE	248528	XX15333-210	CABLE ASY,FRAME COMB/P16500
OVERL	250938	XX15475-01B	OVERLAY, FRONT A/V JACKS	CABLE	245512	XX15344-960	⚠ CABLE ASY,P16507/P27901
P1901	250947	XX15474-090	CABLE, SPEAKER	CLAMP	250860	XX15560-540	CLAMP, STRAIN RELIEF: DM1-PS
PANEL	250862	XX15481-77C	⚠ PANEL, REAR JACK	CLAMP	243554	XX15355-09D	CLAMP (2"),CABLE STRAIN RELIEF
REM	244877	XX15330-08B	TRANSMITTER, REMOTE: CRK76TD3	CLIP	250861	XX15578-52A	CLIP, RIBBON CABLE SUPPORT
RETAI	139301	XX15073-540	RETAINER, BEAD CHAIN	CLIP	244020	XX15388-61D	CLIP, CABLE
SCREW	205509	XX15131-340	SCREW, #10-16 X .5 HL	COIL	251027	XX15611-020	⚠ COIL, DEGAUSSING
SCREW	243882	XX15143-270	● SCREW 8-18 HWH, .375LG	COVER	251017	XX15477-52A	●⚠ COVER, FPA
SCREW	205509	XX15131-340	SCREW, #10-16 X .5 HL	CRT	HA86AJG14 8	XX15459-240	⚠ W86AJG14X08
SCREW	233963	XX15081-300	SCREW, 4-24 X .312	DOOR	249702	XX15559-190	DOOR, A/V IN
SCREW	226014	XX15052-310	⚠ SCREW, KINE MTG	DOOR	242776	XX15303-89A	DOOR, BATTERY COVER
SCREW	242511	XX15238-690	● SCREW, #10-16 X .88 HL	FAN	244019	XX15379-86A	FAN ASY DM1
SHIEL	245521	XX15301-85D	●⚠ SHIELD, KINE DRIVER WRAP	FAN	244028	XX15371-250	⚠ FAN, CHASSIS COOLING
SHIEL	245521	XX15301-85D	●⚠ SHIELD, KINE DRIVER WRAP	FERRI	248029	XX15403-650	FERRITE CORE, SPLIT
SHIEL	250950	XX15619-16B	●⚠ SHIELD, ESD BARRIER: FPA(TOP)	FRAME	249006	XX15283-53D	⚠ FRAME, DM1X P/S MOUNTING
SHIEL	250951	XX15644-020	●⚠ SHIELD, ESD BARRIER: FPA(BOT)	GRILL	251025	XX15458-00C	●⚠ GRILLE, SPEAKER(LEFT) W/CLOTH
SPKR	225641	XX15048-640	SPEAKER, 2.25 X 5 IN 8 OHM	GRILL	251024	XX15457-99C	●⚠ GRILLE, SPEAKER(RIGHT) W/CLOTH
SPRIN	249059	XX15211-150	SPRING EXTENSION	GROMM	245526	XX15346-510	GROMMET, SCREW ENCLOSING
SUPPO	245519	XX15397-470	SUPPORT, KINE SOCKET	J14402	245514	XX15350-300	CABLE JUMPER,J14402/J14411
TRAY	245523	XX15301-70C	⚠ TRAY, CHASSIS MTG	JACK	242827	XX15359-440	JACK,TELE ADAPTOR
TRIM	250855	XX15474-19A	⚠ TRIM	L4202	237832	XX15217-960	COIL, FIELD CANCEL
WIRE	243886	XX15132-040	WIRE TIE, TWIST END 1"	LOGO	243586	XX15300-13A	● LOGO, PROSCAN
WIRE	232735	XX15127-960	⚠ WIRE SADDLE, TWIST END 2"	MASK	MK2406	XX15461-76A	●⚠ MASK & BACK ASY
WIRE	215867	XX15144-230	WIRE TIE, TWIST END 3/16"	OVERL	250938	XX15475-01B	OVERLAY, FRONT A/V JACKS
WIRE	244011	XX15389-080	WIRE TIE, 5.3 LG	P1901	250947	XX15474-090	CABLE, SPEAKER
<u>PS34000JX1(CB)</u>				PANEL	250862	XX15481-77A	⚠ PANEL, REAR JACK
INSTRUMENT ASSEMBLY				REM	244876	XX15330-07B	TRANSMITTER, REMOTE: CRK76TCL3
BARRI	245524	XX15327-85A	●⚠ BARRIER, TRAY BOTTOM	RETAI	139301	XX15073-540	RETAINER, BEAD CHAIN
BASE	243541	XX15305-98B	BASE MOUNTING				
BRACK	245518	XX15302-140	BRACKET, FAN SUPPORT				
BRACK	250859	XX15560-520	BRACKET, CABLE SUPPORT: DM1				

REPLACEMENT PARTS (Continued)

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
SCREW	242511	XX15238-690	● SCREW, #10-16 X .88 HL
SCREW	243882	XX15143-270	● SCREW 8-18 HWH, .375LG
SCREW	226014	XX15052-310	⚠ SCREW, KINE MTG
SCREW	205509	XX15131-340	SCREW, #10-16 X .5 HL
SCREW	205509	XX15131-340	SCREW, #10-16 X .5 HL
SHIEL	250951	XX15644-020	●⚠ SHIELD, ESD BARRIER: FPA(BOT)
SHIEL	250950	XX15619-16B	●⚠ SHIELD, ESD BARRIER: FPA(TOP)
SPKR	225641	XX15048-640	SPEAKER, 2.25 X 5 IN 8 OHM
SPRIN	243721	XX15211-140	SPRING, EXTENSION
SUPPO	245519	XX15397-470	SUPPORT, KINE SOCKET
TRAY	245523	XX15301-70C	⚠ TRAY, CHASSIS MTG
TRIM	250855	XX15474-19A	⚠ TRIM
WIRE	215867	XX15144-230	WIRE TIE, TWIST END 3/16"
WIRE	244011	XX15389-080	WIRE TIE, 5.3 LG
WIRE	243886	XX15132-040	WIRE TIE, TWIST END 1"
WIRE	232735	XX15127-960	⚠ WIRE SADDLE, TWIST END 2"
<u>PS34000JX2(GCB)</u>			
INSTRUMENT ASSEMBLY			
BARRI	245524	XX15327-85A	●⚠ BARRIER, TRAY BOTTOM
BASE	243541	XX15305-98B	BASE MOUNTING
BRACK	245518	XX15302-140	BRACKET, FAN SUPPORT
BRACK	245520	XX15418-57A	BRACKET, DEFLECTION SIP
BRACK	250859	XX15560-520	BRACKET, CABLE SUPPORT: DM1
BUTTO	251013	XX15477-51B	⚠ BUTTON CLUSTER
CABLE	250856	XX15544-300	⚠ CABLE ASY, DM1 TO CHASSIS GND
CABLE	245507	XX15300-330	⚠ CABLE ASY,P14101/P41276
CABLE	248025	XX15504-500	CABLE ASY,P15102/P22325
CABLE	245508	XX15300-340	⚠ CABLE ASY,P14405/P15103
CABLE	243425	XX15227-75A	CABLE ASY, SVM
CABLE	248528	XX15333-210	CABLE ASY,FRAME COMB/P16500
CABLE	251026	XX15473-46A	CABLE ASY, CRT GROUND
CABLE	245529	XX15390-530	⚠ CABLE, AC POWER
CABLE	245512	XX15344-960	⚠ CABLE ASY,P16507/P27901
CABLE	242828	XX15050-87B	⚠ CABLE,ASY MODULAR
CABLE	250857	XX15469-370	⚠ CABLE ASY, AC-IN: DM1- PS/DEFL
CABLE	243718	XX15300-350	CABLE ASY,P16504/P26101
CABLE	250858	XX15567-990	⚠ CABLE ASY, P14601/P27903
CABLE	245515	XX15333-230	CABLE ASY,P14403/P24352
CABLE	245513	XX15344-970	⚠ CABLE ASY,P13107/P27902
CABLE	248024	XX15455-610	CABLE ASY, YOKE INTERCONNECT
CLAMP	243554	XX15355-09D	CLAMP (2"),CABLE STRAIN RELIEF
CLAMP	250860	XX15560-540	CLAMP, STRAIN RELIEF: DM1- PS
CLIP	244020	XX15388-61D	CLIP, CABLE
CLIP	250861	XX15578-52A	CLIP, RIBBON CABLE SUPPORT
COIL	251027	XX15611-020	⚠ COIL, DEGAUSSING

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
COVER	251017	XX15477-52A	●⚠ COVER, FPA
CRT	HA86AJG14 8	XX15459-240	⚠ W86AJG14X08
DOOR	249702	XX15559-190	DOOR, A/V IN
DOOR	242776	XX15303-89A	DOOR, BATTERY COVER
FAN	244019	XX15379-86A	FAN ASY DM1
FAN	244028	XX15371-250	⚠ FAN, CHASSIS COOLING
FERRI	248029	XX15403-650	FERRITE CORE, SPLIT
FRAME	249006	XX15283-53D	⚠ FRAME, DM1X P/S MOUNTING
GRILL	251025	XX15458-00C	●⚠ GRILLE, SPEAKER(LEFT) W/CLOTH
GRILL	251024	XX15457-99C	●⚠ GRILLE, SPEAKER(RIGHT) W/CLOTH
GROMM	245526	XX15346-510	GROMMET, SCREW ENCLOSING
J14402	245514	XX15350-300	CABLE JUMPER,J14402/J14411
JACK	242827	XX15359-440	JACK,TELE ADAPTOR
L4202	237832	XX15217-960	COIL, FIELD CANCEL
LOGO	243586	XX15300-13A	● LOGO, PROSCAN
MASK	MK2406	XX15461-76A	●⚠ MASK & BACK ASY
OVERL	250938	XX15475-01B	OVERLAY, FRONT A/V JACKS
P1901	250947	XX15474-090	CABLE, SPEAKER
PANEL	250862	XX15481-77A	⚠ PANEL, REAR JACK
REM	244876	XX15330-07B	TRANSMITTER, REMOTE: CRK76TCL3
RETAI	139301	XX15073-540	RETAINER, BEAD CHAIN
SCREW	205509	XX15131-340	SCREW, #10-16 X .5 HL
SCREW	233963	XX15081-300	SCREW, 4-24 X .312
SCREW	205509	XX15131-340	SCREW, #10-16 X .5 HL
SCREW	242511	XX15238-690	● SCREW, #10-16 X .88 HL
SCREW	226014	XX15052-310	⚠ SCREW, KINE MTG
SHIEL	250951	XX15644-020	●⚠ SHIELD, ESD BARRIER: FPA(BOT)
SHIEL	245521	XX15301-85D	●⚠ SHIELD, KINE DRIVER WRAP
SHIEL	250950	XX15619-16B	●⚠ SHIELD, ESD BARRIER: FPA(TOP)
SPKR	225641	XX15048-640	SPEAKER, 2.25 X 5 IN 8 OHM
SPRIN	243721	XX15211-140	SPRING, EXTENSION
SUPPO	245519	XX15397-470	SUPPORT, KINE SOCKET
TRAY	245523	XX15301-70C	⚠ TRAY, CHASSIS MTG
TRIM	250855	XX15474-19A	⚠ TRIM
WIRE	232735	XX15127-960	⚠ WIRE SADDLE, TWIST END 2"
WIRE	215867	XX15144-230	WIRE TIE, TWIST END 3/16"
WIRE	243886	XX15132-040	WIRE TIE, TWIST END 1"
WIRE	244011	XX15389-080	WIRE TIE, 5.3 LG
<u>PS38000JX1(CB)</u>			
INSTRUMENT ASSEMBLY			
BARRI	245524	XX15327-85A	●⚠ BARRIER, TRAY BOTTOM
BASE	243541	XX15305-98B	BASE MOUNTING
BRACK	245520	XX15418-57A	BRACKET, DEFLECTION SIP
BRACK	250859	XX15560-520	BRACKET, CABLE SUPPORT: DM1
BRACK	245518	XX15302-140	BRACKET, FAN SUPPORT

REPLACEMENT PARTS (Continued)

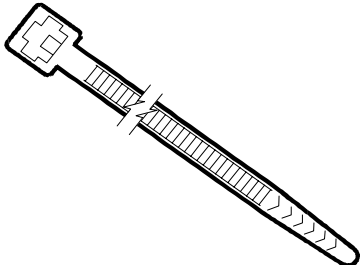
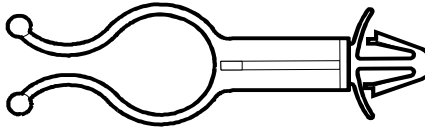
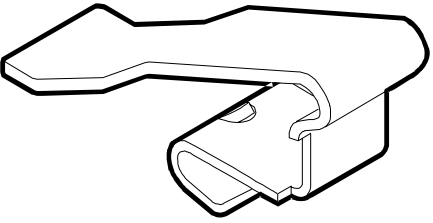
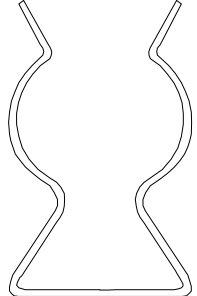
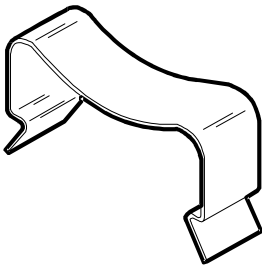
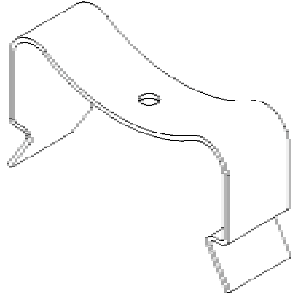
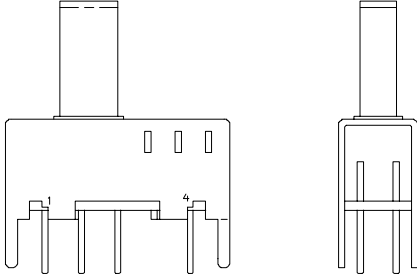
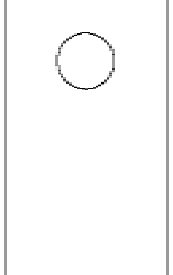
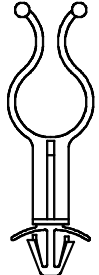
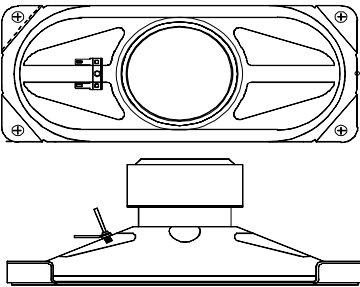
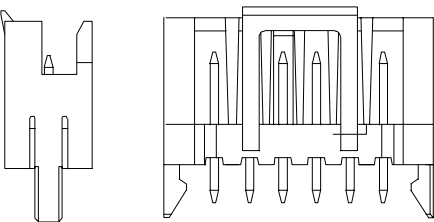
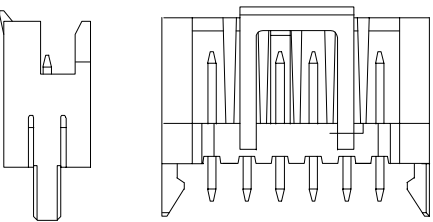
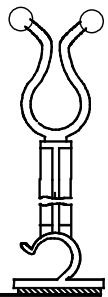
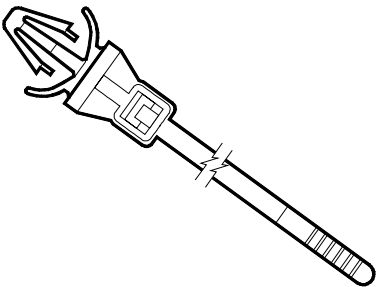
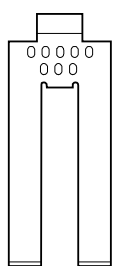
<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>	<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
BUTTO	251013	XX15477-51B	⚠️ BUTTON CLUSTER	SCREW	205509	XX15131-340	SCREW, #10-16 X .5 HL
CABLE	243425	XX15227-75A	CABLE ASY, SVM	SCREW	226014	XX15052-310	⚠️ SCREW, KINE MTG
CABLE	250948	XX15473-47A	CABLE, CRT GROUND	SCREW	243882	XX15143-270	● SCREW 8-18 HWH, .375LG
CABLE	248024	XX15455-610	CABLE ASY, YOKE INTERCONNECT	SCREW	233963	XX15081-300	SCREW, 4-24 X .312
CABLE	245529	XX15390-530	⚠️ CABLE, AC POWER	SHIEL	250951	XX15644-020	●⚠️ SHIELD, ESD BARRIER: FPA(BOT)
CABLE	245513	XX15344-970	⚠️ CABLE ASY,P13107/P27902	SHIEL	250950	XX15619-16B	●⚠️ SHIELD, ESD BARRIER: FPA(TOP)
CABLE	245512	XX15344-960	⚠️ CABLE ASY,P16507/P27901	SPKR	225641	XX15048-640	SPEAKER, 2.25 X 5 IN 8 OHM
CABLE	248025	XX15504-500	CABLE ASY,P15102/P22325	SPRIN	249059	XX15211-150	SPRING EXTENSION
CABLE	242828	XX15050-87B	⚠️ CABLE,ASY MODULAR	SUPPO	245519	XX15397-470	SUPPORT, KINE SOCKET
CABLE	250856	XX15544-300	⚠️ CABLE ASY, DM1 TO CHASSIS GND	TRAY	245523	XX15301-70C	⚠️ TRAY, CHASSIS MTG
CABLE	248528	XX15333-210	CABLE ASY,FRAME COMB/P16500	TRIM	250855	XX15474-19A	⚠️ TRIM
CABLE	245508	XX15300-340	⚠️ CABLE ASY,P14405/P15103	WIRE	215867	XX15144-230	WIRE TIE, TWIST END 3/16"
CABLE	250857	XX15469-370	⚠️ CABLE ASY, AC-IN: DM1-PS/DEFL	WIRE	232735	XX15127-960	⚠️ WIRE SADDLE, TWIST END 2"
CABLE	245515	XX15333-230	CABLE ASY,P14403/P24352	WIRE	244011	XX15389-080	WIRE TIE, 5.3 LG
CABLE	250858	XX15567-990	⚠️ CABLE ASY, P14601/P27903	WIRE	243886	XX15132-040	WIRE TIE, TWIST END 1"
CABLE	243718	XX15300-350	CABLE ASY,P16504/P26101	<u>PS38000JX2(GCB)</u>			
CABLE	245507	XX15300-330	⚠️ CABLE ASY,P14101/P41276	<u>INSTRUMENT ASSEMBLY</u>			
CLAMP	243554	XX15355-09D	CLAMP (2"),CABLE STRAIN RELIEF	BARRI	245524	XX15327-85A	●⚠️ BARRIER, TRAY BOTTOM
CLAMP	250860	XX15560-540	CLAMP, STRAIN RELIEF: DM1-PS	BASE	243541	XX15305-98B	BASE MOUNTING
CLIP	250861	XX15578-52A	CLIP, RIBBON CABLE SUPPORT	BRACK	250859	XX15560-520	BRACKET, CABLE SUPPORT: DM1
CLIP	244020	XX15388-61D	CLIP, CABLE	BRACK	245520	XX15418-57A	BRACKET, DEFLECTION SIP
COIL	250949	XX15611-030	⚠️ COIL, DEGAUSSING	BRACK	245518	XX15302-140	BRACKET, FAN SUPPORT
COVER	251017	XX15477-52A	●⚠️ COVER, FPA	BUTTO	251013	XX15477-51B	⚠️ BUTTON CLUSTER
CRT	HA97AJG148	XX15459-230	⚠️ W97AJG14X08	CABLE	243425	XX15227-75A	CABLE ASY, SVM
DOOR	249702	XX15559-190	DOOR, A/V IN	CABLE	245515	XX15333-230	CABLE ASY,P14403/P24352
DOOR	242776	XX15303-89A	DOOR, BATTERY COVER	CABLE	245512	XX15344-960	⚠️ CABLE ASY,P16507/P27901
FAN	244028	XX15371-250	⚠️ FAN, CHASSIS COOLING	CABLE	243718	XX15300-350	CABLE ASY,P16504/P26101
FAN	244019	XX15379-86A	FAN ASY DM1	CABLE	250948	XX15473-47A	CABLE, CRT GROUND
FERRI	248029	XX15403-650	FERRITE CORE, SPLIT	CABLE	250858	XX15567-990	⚠️ CABLE ASY, P14601/P27903
FRAME	249006	XX15283-53D	⚠️ FRAME, DM1X P/S MOUNTING	CABLE	245529	XX15390-530	⚠️ CABLE, AC POWER
GRILL	251028	XX15443-18C	●⚠️ GRILLE, SPEAKER(RIGHT) W/CLOTH	CABLE	245508	XX15300-340	⚠️ CABLE ASY,P14405/P15103
GRILL	251029	XX15406-27C	●⚠️ GRILLE, SPEAKER(LEFT) W/CLOTH	CABLE	250856	XX15544-300	⚠️ CABLE ASY, DM1 TO CHASSIS GND
GROMM	245526	XX15346-510	GROMMET, SCREW ENCLOSING	CABLE	248024	XX15455-610	CABLE ASY, YOKE INTERCONNECT
J14402	245514	XX15350-300	CABLE JUMPER,J14402/J14411	CABLE	245507	XX15300-330	⚠️ CABLE ASY,P14101/P41276
JACK	242827	XX15359-440	JACK,TELE ADAPTOR	CABLE	248528	XX15333-210	CABLE ASY,FRAME COMB/P16500
L4202	237832	XX15217-960	COIL, FIELD CANCEL	CABLE	250857	XX15469-370	⚠️ CABLE ASY, AC-IN: DM1-PS/DEFL
LOGO	243586	XX15300-13A	● LOGO, PROSCAN	CABLE	248025	XX15504-500	CABLE ASY,P15102/P22325
MASK	MK2407	XX15461-77C	●⚠️ MASK & BACK ASY	CABLE	245513	XX15344-970	⚠️ CABLE ASY,P13107/P27902
OVERL	250938	XX15475-01B	OVERLAY, FRONT A/V JACKS	CABLE	242828	XX15050-87B	⚠️ CABLE,ASY MODULAR
P1901	250947	XX15474-090	CABLE, SPEAKER	CLAMP	250860	XX15560-540	CLAMP, STRAIN RELIEF: DM1-PS
PANEL	250862	XX15481-77A	⚠️ PANEL, REAR JACK	CLAMP	243554	XX15355-09D	CLAMP (2"),CABLE STRAIN RELIEF
REM	244876	XX15330-07B	TRANSMITTER, REMOTE: CRK76TCL3	CLIP	250861	XX15578-52A	CLIP, RIBBON CABLE SUPPORT
RETAI	139301	XX15073-540	RETAINER, BEAD CHAIN	CLIP	244020	XX15388-61D	CLIP, CABLE
SCREW	242511	XX15238-690	● SCREW, #10-16 X .88 HL	COIL	250949	XX15611-030	⚠️ COIL, DEGAUSSING
				COVER	251017	XX15477-52A	●⚠️ COVER, FPA

REPLACEMENT PARTS (Continued)

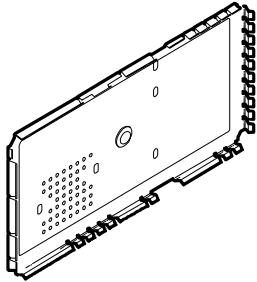
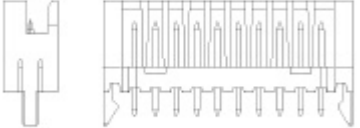
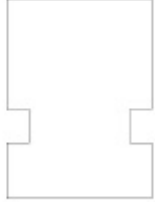
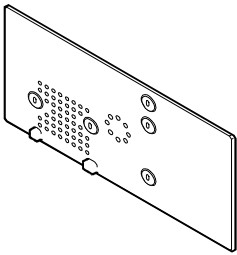
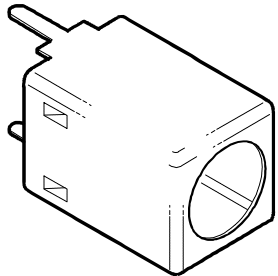
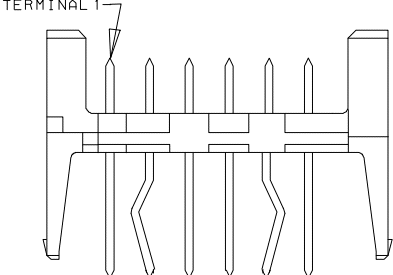
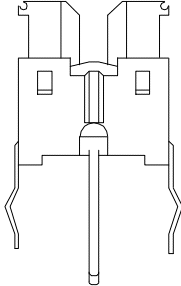
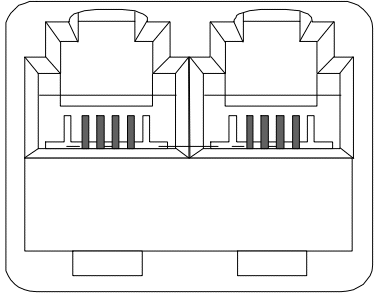
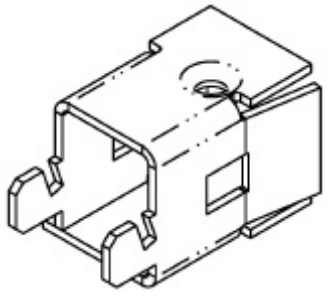
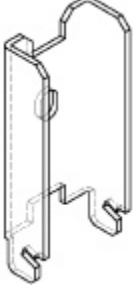
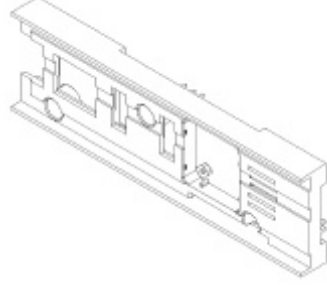
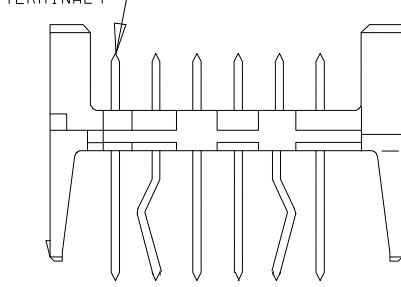
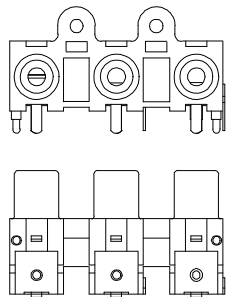
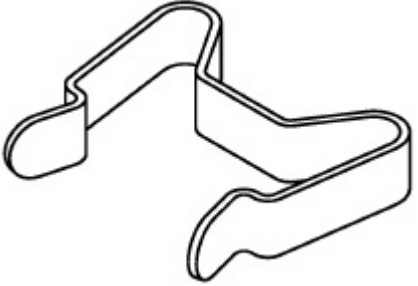
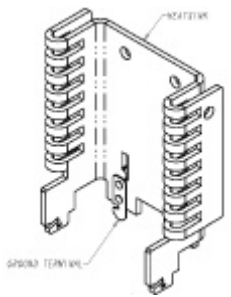
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CRT	HA97AJG14 8	XX15459-230	⚠ W97AJG14X08
DOOR	249702	XX15559-190	DOOR, A/V IN
DOOR	242776	XX15303-89A	DOOR, BATTERY COVER
FAN	244019	XX15379-86A	FAN ASY DM1
FAN	244028	XX15371-250	⚠ FAN, CHASSIS COOLING
FERRI	248029	XX15403-650	FERRITE CORE, SPLIT
FRAME	249006	XX15283-53D	⚠ FRAME, DM1X P/S MOUNTING
GRILL	251029	XX15406-27C	●⚠ GRILLE, SPEAKER(LEFT) W/CLOTH
GRILL	251028	XX15443-18C	●⚠ GRILLE, SPEAKER(RIGHT) W/CLOTH
GROMM	245526	XX15346-510	GROMMET, SCREW ENCLOSING
J14402	245514	XX15350-300	CABLE JUMPER,J14402/J14411
JACK	242827	XX15359-440	JACK,TELE ADAPTOR
L4202	237832	XX15217-960	COIL, FIELD CANCEL
LOGO	243586	XX15300-13A	● LOGO, PROSCAN
MASK	MK2407	XX15461-77C	●⚠ MASK & BACK ASY
OVERL	250938	XX15475-01B	OVERLAY, FRONT A/V JACKS
P1901	250947	XX15474-090	CABLE, SPEAKER
PANEL	250862	XX15481-77A	⚠ PANEL, REAR JACK
REM	244876	XX15330-07B	TRANSMITTER, REMOTE: CRK76TCL3
RETAI	139301	XX15073-540	RETAINER, BEAD CHAIN
SCREW	226014	XX15052-310	⚠ SCREW, KINE MTG
SCREW	242511	XX15238-690	● SCREW, #10-16 X .88 HL
SCREW	243882	XX15143-270	● SCREW 8-18 HWH, .375LG
SCREW	233963	XX15081-300	SCREW, 4-24 X .312
SCREW	205509	XX15131-340	SCREW, #10-16 X .5 HL
SHIEL	250951	XX15644-020	●⚠ SHIELD, ESD BARRIER: FPA(BOT)
SHIEL	250950	XX15619-16B	●⚠ SHIELD, ESD BARRIER: FPA(TOP)
SHIEL	245521	XX15301-85D	●⚠ SHIELD, KINE DRIVER WRAP
SPKR	225641	XX15048-640	SPEAKER, 2.25 X 5 IN 8 OHM
SPRIN	249059	XX15211-150	SPRING EXTENSION
SUPPO	245519	XX15397-470	SUPPORT, KINE SOCKET
TRAY	245523	XX15301-70C	⚠ TRAY, CHASSIS MTG
TRIM	250855	XX15474-19A	⚠ TRIM
WIRE	243886	XX15132-040	WIRE TIE, TWIST END 1"
WIRE	244011	XX15389-080	WIRE TIE, 5.3 LG
WIRE	215867	XX15144-230	WIRE TIE, TWIST END 3/16"
WIRE	232735	XX15127-960	⚠ WIRE SADDLE, TWIST END 2"

<u>Symbol</u>	<u>Stock</u>	<u>Drawing</u>	<u>Description</u>
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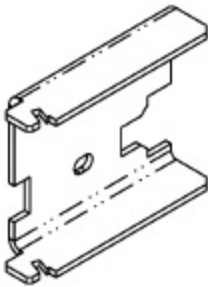
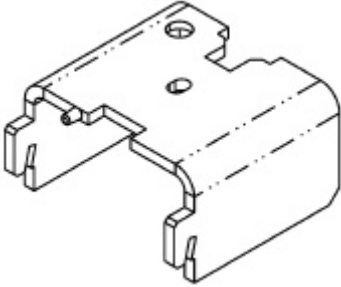
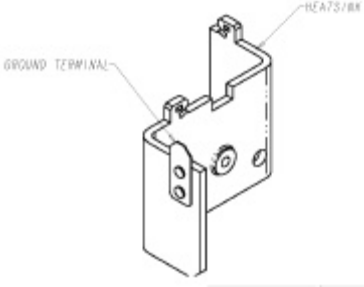
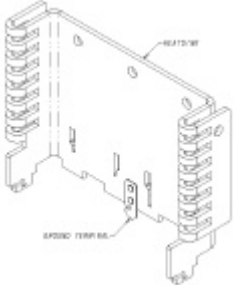
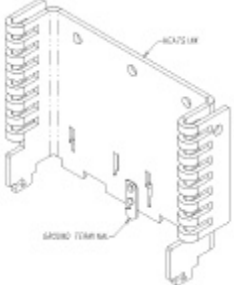
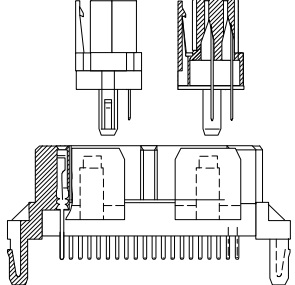
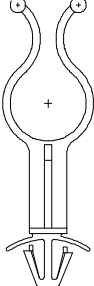
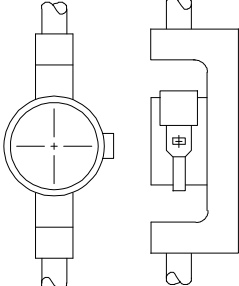
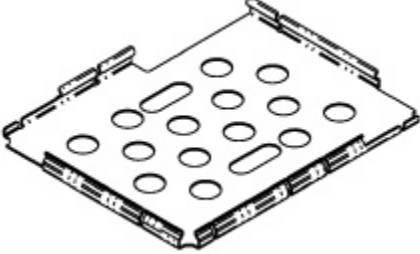
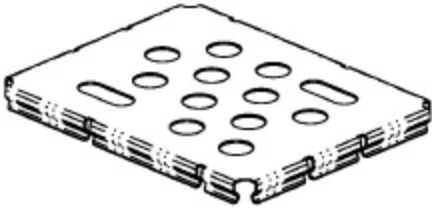
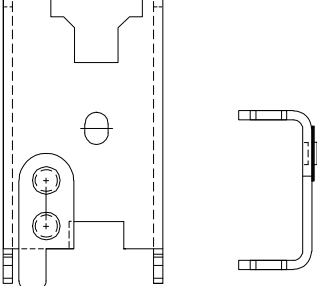
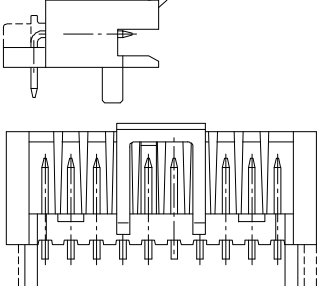
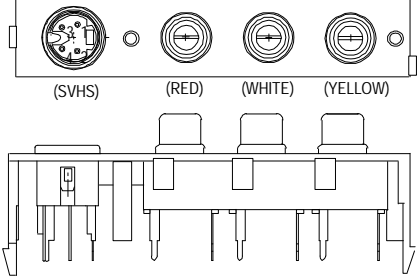
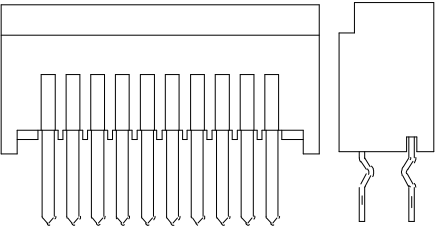
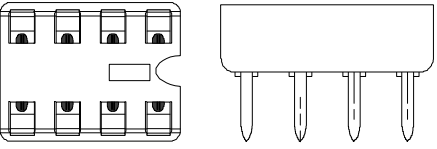
MECHANICAL PARTS IDENTIFICATION

 <p>Wire Tie 139301</p>	 <p>Wire Tie, Twist End 154385</p>	 <p>ITEM# 173269 CLIP, TRANSISTOR</p>
 <p>ITEM # 176642 CLIP, FUSE</p>	 <p>Clip, Transistor M 181032</p>	 <p>ITEM# 181138 CLIP</p>
 <p>ITEM #211982 Slide Switch</p>	 <p>ITEM# 214613 INSULATOR</p>	 <p>ITEM #215867 WIRE SADDLE, TWIST END</p>
 <p>ITEM #225641 Speaker</p>	 <p>ITEM #226979 13 Pin Connector</p>	 <p>ITEM #227401 5 Pin Connector</p>
 <p>ITEM #232735 WIRE SADDLE, TWIST END</p>	 <p>ITEM #233121 WIRE TIE, PUSH MOUNT</p>	 <p>ITEM# 233122 GROUND SPRING</p>

MECHANICAL PARTS IDENTIFICATION

 <p>Cover, 2nd Tuner Btm 236679</p>	 <p>ITEM #237508 6 Pin Connector</p>	 <p>ITEM #237641 Insulator</p>
 <p>Liner, 2nd Tuner Btm 237649</p>	 <p>Shield, Can 237650</p>	 <p>ITEM #239159 Connector</p>
 <p>ITEM #240098 Switch w/Green LED</p>	 <p>ITEM #242827 Telephone Adapter Jack</p>	 <p>ITEM #243214 Ground Bracket</p>
 <p>ITEM #243278 Heat Sink</p>	 <p>ITEM #243541 Base Mounting</p>	 <p>ITEM #243582 Connector</p>
 <p>ITEM #243610 Phono Jack (3 position)</p>	 <p>ITEM #243623 Transistor Clip</p>	 <p>ITEM #243865 Heat Sink</p>

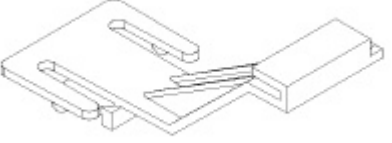

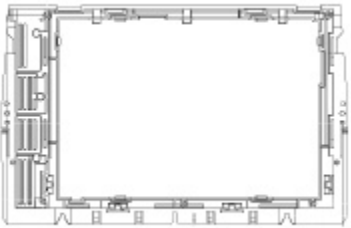
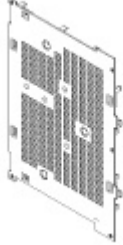
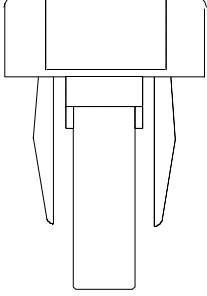
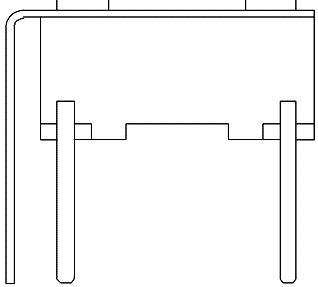
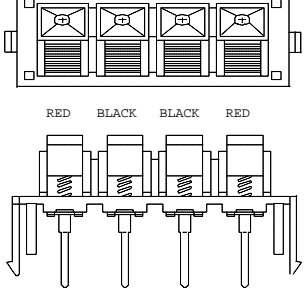

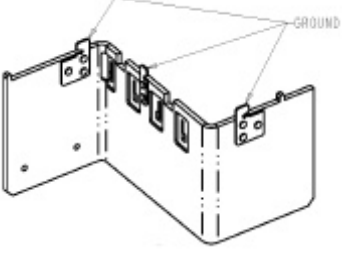
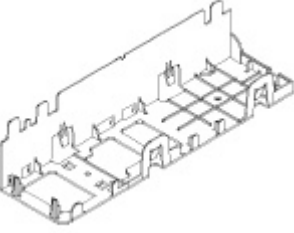

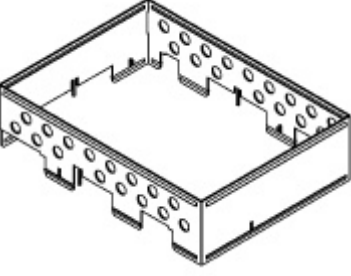
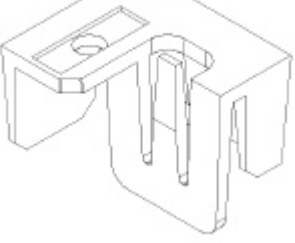
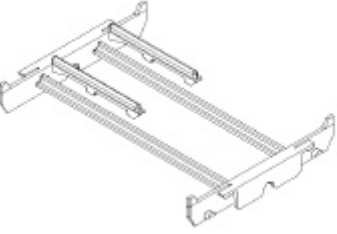

MECHANICAL PARTS IDENTIFICATION

 <p>ITEM #243866 Heat Sink</p>	 <p>ITEM #243867 Heat Sink</p>	 <p>ITEM #243868 Heat Sink</p>
 <p>ITEM #243869 Heat Sink</p>	 <p>ITEM #243870 Heat Sink</p>	 <p>ITEM #243877 Connector</p>
 <p>ITEM #243886 Wire Tie</p>	 <p>ITEM #243887 Wire Tie</p>	 <p>ITEM #243916 Shield Cover (Control)</p>
 <p>ITEM #243917 Shield Cover (FPIP)</p>	 <p>ITEM #243922 Heat Sink</p>	 <p>ITEM #243925 Connector (10 pin)</p>
 <p>ITEM #243927 Phone Jacks w/SVHS (3)</p>	 <p>ITEM #243934 Connector (29 pin)</p>	 <p>ITEM #243935 IC Socket</p>

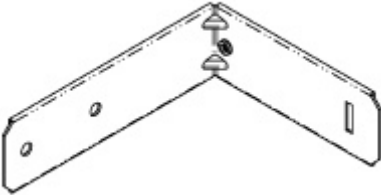

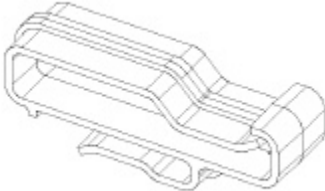
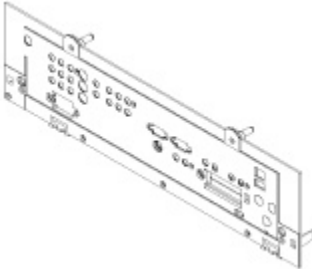
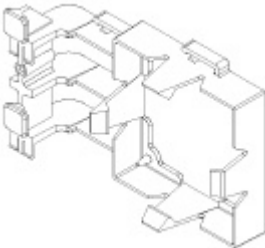
MECHANICAL PARTS IDENTIFICATION

<p>ITEM #243937 Shield Frame (Control)</p>	<p>ITEM #243938 Shield Frame (FPIP)</p>	<p>ITEM #243948 Heat Sink</p>
<p>ITEM #243949 Connector (10 pin)</p>	<p>ITEM #243951 Connector USB (8 pin)</p>	<p>ITEM #243953 Headphone Jack</p>
<p>ITEM #243961 Coil Cover</p>	<p>ITEM #243963 Slide Switch</p>	<p>ITEM #244011 Wire Tie</p>
<p>ITEM #244020 Cable Strain Relief</p>	<p>ITEM #245491 Slide Switch</p>	<p>ITEM #250501 Phono Jack (2)</p>
<p>ITEM #250502 Phono Jack (3)</p>	<p>ITEM #245518 Fan Bracket</p>	<p>ITEM #245519 Kine Socket Support</p>

MECHANICAL PARTS IDENTIFICATION

 <p>ITEM #245520 Deflection SIP Bracket</p>	 <p>ITEM #245521 Kine Driver Shield</p>	 <p>ITEM #245523 Chassis Tray</p>
 <p>ITEM #245524 Tray Bottom</p>	 <p>ITEM #245526 Grommet</p>	 <p>ITEM #245531 FPA Switch</p>
 <p>ITEM #246639 Ext. Speaker Connector</p>	 <p>ITEM #248543 Cover</p>	 <p>ITEM #249001 HeatSink</p>
 <p>ITEM #249006 DM1 PS Frame</p>	 <p>ITEM #249059 Spring Extension</p>	 <p>ITEM #249483 Shield Wrap</p>
 <p>ITEM #249553 HeatSink Support</p>	 <p>ITEM #249555 HeatSink Support</p>	 <p>ITEM #250727 RF Cable 2nd Tuner</p>

MECHANICAL PARTS IDENTIFICATION

 <p>ITEM #250859 DM1 Cable Support</p>	 <p>ITEM #250860 DM1 Strain Relief</p>	 <p>ITEM #250861 Cable Ribbon Clip</p>
 <p>ITEM #250862 Rear Jack Panel</p>	 <p>ITEM #250906 Fan Support Bracket</p>	

SECTION 7: COMPONENT LOCATION GUIDES**Deflection/Power Supply Circuit Board (1543465D) (Bottom Side)**

C14102..... G24	C14743..... U15	CR14812 C11	Q14739..... U11	R14504..... P17	R14732..... V11	R14812..... A10
C14114..... I23	C14745..... V19	JC14101 U27	Q14740..... V13	R14509..... Q19	R14733..... V15	R14813..... B10
C14115..... I20	C14746..... V16	JC14102 U27	Q14741..... V15	R14514..... O19	R14734..... U14	R14814..... A09
C14116..... H18	C14750..... C04	JC14103 U27	Q14801..... D11	R14515..... S20	R14738..... L20	R14816..... B10
C14117..... A21	C14753..... B06	JC14104 U27	Q14805..... C10	R14516..... S20	R14740..... U13	R14817..... A10
C14118..... G18	C14754..... C05	JC14105 U27	Q14811..... C09	R14518..... S20	R14741..... M20	R14819..... D11
C14122..... E25	C14755..... C06	JC14106 U27	Q14813..... M19	R14527..... T20	R14742..... K20	R14820..... C09
C14123..... E29	C14758..... B06	JC14107 E28	Q14901..... O07	R14528..... T20	R14743..... K20	R14822..... B10
C14124..... C30	C14761..... C07	JC14403 O15	Q14902..... O09	R14610..... K24	R14744..... M21	R14823..... B11
C14125..... A21	C14763..... B07	JC14701 L19	Q14903..... O08	R14620..... R26	R14745..... N06	R14825..... B10
C14129..... E30	C14775..... D05	JC14702 L19	Q14904..... O09	R14621..... T23	R14746..... K20	R14827..... C10
C14130..... J26	C14776..... K03	JC14703 V13	Q14905..... L10	R14622..... S26	R14749..... U16	R14828..... A16
C14132..... K25	C14812..... A16	JC14704 U11	R14102..... A23	R14623..... S26	R14750..... U18	R14832..... B14
C14134..... H19	C14814..... B12	JC14706 U11	R14107..... A21	R14624..... R26	R14753..... U07	R14833..... C10
C14137..... H21	C14816..... C11	JC14707 V13	R14108..... A20	R14633..... S26	R14754..... C07	R14836..... L19
C14451..... S15	C14817..... C12	JC14708 U11	R14112..... A21	R14635..... R23	R14759..... B07	R14840..... B14
C14459..... I13	C14818..... D11	JC14710 V18	R14121..... I23	R14636..... R23	R14760..... B06	R14842..... C10
C14464..... P15	C14819..... D10	JC14801 B15	R14131..... J22	R14637..... R23	R14761..... C08	R14843..... A16
C14465..... I14	C14820..... B13	JC14802 B11	R14132..... J22	R14638..... R23	R14763..... C05	R14844..... M18
C14466..... I15	C14902..... O08	Q14105..... I23	R14133..... J23	R14690..... B03	R14769..... J10	R14906..... P08
C14467..... I14	C14904..... O08	Q14501..... S19	R14135..... J23	R14691..... S13	R14770..... J11	R14907..... O08
C14504..... O20	CR14302 I14	Q14502..... S20	R14250..... O28	R14692..... V10	R14771..... N09	R14908..... O08
C14507..... O20	CR14440 D20	Q14503..... T20	R14251..... N28	R14693..... U11	R14772..... N08	R14909..... N11
C14509..... O19	CR14451 S14	Q14602..... I25	R14370..... S18	R14694..... U10	R14781..... V11	R14912..... N09
C14607..... O24	CR14508 T20	Q14605..... R25	R14376..... S18	R14695..... T14	R14782..... U12	R14914..... R06
C14608..... O22	CR14702 N06	Q14607..... S25	R14441..... D20	R14696..... V10	R14783..... V12	R14915..... P06
C14615..... P28	CR14705 U11	Q14702..... K09	R14442..... D19	R14705..... N06	R14784..... U14	R14916..... L10
C14617..... T25	CR14706 V19	Q14704..... M07	R14450..... Q15	R14711..... N10	R14786..... U13	R14917..... K10
C14619..... Q23	CR14708 J02	Q14706..... J10	R14453..... T15	R14716..... N09	R14789..... U15	R14918..... K10
C14705..... N01	CR14711 V12	Q14707..... V12	R14457..... I12	R14717..... I11	R14790..... V16	R14919..... L10
C14709..... J11	CR14712 T13	Q14708..... U10	R14461..... I13	R14718..... K09	R14791..... U16	
C14710..... N08	CR14743 U14	Q14710..... U10	R14466..... P15	R14719..... I11	R14792..... U15	
C14722..... V11	CR14746 T09	Q14732..... V13	R14469..... S15	R14720..... K09	R14794..... U10	
C14724..... V12	CR14749 V16	Q14733..... U17	R14470..... O15	R14722..... L08	R14796..... U16	
C14725..... V12	CR14802 B11	Q14734..... U14	R14471..... I15	R14723..... O05	R14797..... F10	
C14738..... U11	CR14808 A15	Q14735..... V14	R14501..... T20	R14724..... N06	R14798..... U10	
C14740..... V11	CR14810 B10	Q14736..... U13	R14502..... S19	R14726..... O08	R14799..... U10	
C14741..... V18	CR14811 C10	Q14738..... U11	R14503..... P18	R14730..... V13	R14811..... A09	

SECTION 7: COMPONENT LOCATION GUIDES

Deflection/Power Supply Circuit Board (1543465D) (Top Side)

C14101.....CC29	C14714.....LL08	CR14502.....SS19	FB14716.....MM04	JW14455.....II13	L14451.....RR10	R14253.....PP28
C14103.....BB25	C14715.....NN07	CR14505.....QQ22	FB14801.....HH10	JW14501.....PP19	L14454.....HH14	R14304.....MM15
C14104.....CC25	C14716.....MM08	CR14507.....RR19	FB14802.....GG10	JW14502.....PP18	L14455.....RR08	R14305.....MM16
C14105.....FF20	C14717.....OO08	CR14509.....PP21	J14101.....HH17	JW14503.....MM21	L14456.....PP09	R14440.....CC19
C14106.....CC20	C14718.....KK09	CR14510.....PP21	J14102.....RR17	JW14504.....NN20	L14500.....QQ20	R14449.....RR15
C14107.....II22	C14719.....CC08	CR14512.....NN20	J14103.....KK30	JW14505.....PP21	L14501.....OO20	R14451.....OO11
C14108.....GG19	C14721.....TT08	CR14513.....MM21	J14104.....GG30	JW14506.....PP22	L14601.....OO22	R14452.....TT14
C14109.....CC25	C14723.....SS06	CR14601.....TT24	J14201.....UU29	JW14507.....LL21	L14602.....PP27	R14454.....SS16
C14110.....CC21	C14726.....UU14	CR14602.....OO22	J14402.....VV20	JW14508.....UU19	L14760.....FF09	R14455.....SS12
C14111.....EE18	C14727.....KK12	CR14604.....LL23	J14403.....II15	JW14601.....RR27	L14761.....GG02	R14456.....RR11
C14112.....DD29	C14728.....MM06	CR14605.....KK23	J14405.....JJ05	JW14602.....KK26	L14775.....DD02	R14458.....SS16
C14113.....CC29	C14729.....MM03	CR14606.....KK25	J14601.....TT23	JW14603.....PP24	L14801.....GG15	R14459.....HH14
C14120.....EE29	C14730.....SS07	CR14607.....OO24	J14901.....VV07	JW14604.....PP23	N/A1.....VV01	R14460.....QQ12
C14121.....EE28	C14731.....UU13	CR14608.....OO27	JW14101.....II21	JW14605.....RR26	N/A2.....VV32	R14463.....RR14
C14126.....DD21	C14732.....TT13	CR14609.....OO26	JW14102.....II23	JW14606.....SS22	N/A5.....AA01	R14464.....NN14
C14127.....RR25	C14734.....MM20	CR14610.....PP25	JW14103.....GG25	JW14607.....TT25	N/A7.....VV05	R14465.....SS16
C14128.....GG20	C14735.....TT13	CR14611.....OO25	JW14104.....JJ31	JW14608.....JJ25	N/A8.....AA06	R14467.....TT16
C14131.....HH20	C14736.....UU16	CR14613.....HH26	JW14105.....SS22	JW14609.....SS23	Q14100.....AA29	R14468.....TT16
C14133.....CC30	C14737.....LL21	CR14614.....II26	JW14106.....SS22	JW14610.....QQ25	Q14101.....CC28	R14505.....OO19
C14135.....FF19	C14739.....TT13	CR14615.....II26	JW14107.....HH18	JW14611.....JJ27	Q14103.....DD28	R14506.....OO18
C14136.....FF21	C14742.....VV16	CR14616.....NN25	JW14108.....II17	JW14612.....OO24	Q14106.....HH25	R14507.....RR18
C14140.....MM27	C14748.....HH09	CR14701.....II05	JW14109.....UU18	JW14613.....PP23	Q14250.....OO29	R14508.....NN19
C14141.....RR29	C14751.....II07	CR14703.....NN01	JW14110.....NN17	JW14614.....SS24	Q14440.....DD20	R14510.....PP17
C14200.....OO31	C14752.....CC04	CR14704.....KK02	JW14111.....HH16	JW14615.....SS24	Q14451.....LL16	R14511.....NN18
C14202.....RR30	C14756.....BB07	CR14707.....KK03	JW14112.....HH16	JW14616.....SS23	Q14452.....TT16	R14512.....RR18
C14203.....JJ30	C14757.....GG05	CR14709.....SS08	JW14113.....HH16	JW14617.....UU22	Q14454.....RR14	R14513.....RR18
C14204.....HH25	C14759.....AA07	CR14710.....SS07	JW14114.....II13	JW14618.....PP26	Q14455.....PP15	R14517.....TT20
C14205.....II27	C14760.....CC06	CR14713.....MM12	JW14115.....QQ28	JW14701.....KK07	Q14456.....PP15	R14520.....OO20
C14207.....FF31	C14762.....CC05	CR14747.....VV07	JW14116.....GG20	JW14702.....TT17	Q14457.....SS15	R14522.....PP18
C14208.....II29	C14764.....EE06	CR14748.....TT13	JW14119.....DD26	JW14703.....MM18	Q14504.....UU18	R14523.....TT20
C14209.....UU26	C14765.....EE06	CR14750.....TT08	JW14120.....II17	JW14704.....VV09	Q14601.....JJ26	R14524.....PP20
C14250.....OO28	C14777.....DD05	CR14751.....HH08	JW14121.....JJ21	JW14705.....VV11	Q14603.....JJ25	R14525.....TT19
C14450.....KK16	C14800.....DD09	CR14752.....CC07	JW14122.....HH23	JW14706.....LL19	Q14604.....PP29	R14526.....UU21
C14452.....QQ10	C14801.....HH12	CR14753.....CC05	JW14123.....GG18	JW14707.....KK09	Q14608.....SS25	R14529.....TT19
C14453.....MM13	C14802.....DD12	CR14755.....CC08	JW14124.....EE27	JW14708.....FF10	Q14700.....LL07	R14601.....LL23
C14454.....NN13	C14803.....BB12	CR14757.....BB06	JW14125.....VV14	JW14709.....II10	Q14701.....LL04	R14602.....LL25
C14455.....OO13	C14804.....CC11	CR14758.....BB05	JW14126.....DD30	JW14710.....SS06	Q14703.....NN06	R14603.....JJ24
C14456.....LL14	C14805.....DD15	CR14803.....BB13	JW14127.....KK31	JW14711.....UU20	Q14711.....II02	R14604.....JJ25
C14457.....RR12	C14806.....CC15	CR14804.....HH10	JW14128.....CC19	JW14714.....BB05	Q14712.....JJ02	R14605.....JJ26
C14458.....SS14	C14807.....CC10	CR14805.....CC10	JW14201.....NN27	JW14715.....JJ13	Q14730.....TT07	R14606.....II26
C14460.....QQ14	C14808.....BB14	CR14807.....CC09	JW14202.....HH29	JW14716.....MM20	Q14731.....TT10	R14607.....KK23
C14461.....MM03	C14809.....HH10	CR14809.....DD15	JW14203.....HH28	JW14717.....II11	Q14737.....KK19	R14608.....JJ24
C14462.....KK16	C14810.....JJ18	CR14813.....EE15	JW14204.....UU24	JW14718.....FF10	Q14750.....BB03	R14609.....NN26
C14463.....PP12	C14811.....GG16	CR14900.....OO06	JW14205.....UU25	JW14719.....NN08	Q14751.....DD07	R14611.....II25
C14501.....QQ21	C14813.....EE15	CR14901.....PP05	JW14206.....UU25	JW14720.....HH02	Q14800.....CC13	R14612.....NN23
C14502.....RR20	C14815.....DD12	CR14902.....OO10	JW14207.....MM31	JW14721.....JJ10	Q14802.....BB13	R14613.....NN23
C14503.....TT20	C14901.....PP07	CR14903.....RR06	JW14208.....MM29	JW14722.....JJ07	Q14803.....AA09	R14614.....NN22
C14505.....OO18	C14903.....RR07	FI4200.....TT31	JW14209.....SS31	JW14758.....UU15	Q14804.....BB09	R14618.....KK25
C14506.....NN21	C14905.....OO07	FB14101.....CC27	JW14210.....SS29	JW14759.....FF06	Q14806.....BB15	R14619.....PP23
C14601.....KK23	CR14102.....KK24	FB14102.....BB22	JW14211.....MM31	JW14760.....GG07	Q14807.....CC16	R14625.....PP28
C14602.....KK24	CR14103.....BB22	FB14103.....BB22	JW14212.....MM29	JW14761.....GG07	Q14808.....BB14	R14626.....SS22
C14603.....KK25	CR14104.....EE29	FB14104.....HH21	JW14213.....SS31	JW14763.....FF13	Q14809.....BB17	R14627.....QQ25
C14604.....LL24	CR14105.....AA27	FB14105.....HH22	JW14214.....TT29	JW14764.....FF13	R14100.....CC31	R14628.....RR23
C14605.....KK26	CR14107.....DD30	FB14107.....CC28	JW14301.....RR16	JW14767.....FF09	R14101.....BB19	R14629.....SS24
C14606.....NN23	CR14108.....CC30	FB14108.....II19	JW14302.....RR16	JW14768.....FF09	R14103.....DD26	R14632.....UU24
C14609.....RR23	CR14110.....EE20	FB14109.....II19	JW14303.....MM16	JW14801.....RR16	R14104.....HH20	R14634.....TT24
C14610.....OO23	CR14112.....HH22	FB14110.....EE25	JW14401.....MM18	JW14802.....FF16	R14105.....HH27	R14639.....QQ23
C14611.....QQ27	CR14113.....II19	FB14111.....DD25	JW14402.....PP14	JW14803.....FF16	R14106.....CC31	R14688.....UU19
C14612.....PP26	CR14115.....CC25	FB14451.....KK14	JW14403.....RR15	JW14804.....FF11	R14109.....BB19	R14689.....UU15
C14613.....PP25	CR14117.....EE25	FB14701.....FF06	JW14404.....QQ08	JW14805.....BB12	R14111.....AA19	R14697.....AA04
C14614.....KK27	CR14120.....EE25	FB14702.....SS07	JW14405.....QQ08	JW14806.....DD10	R14114.....DD26	R14698.....AA04
C14616.....LL23	CR14121.....EE29	FB14703.....TT07	JW14406.....RR10	JW14807.....MM19	R14115.....GG29	R14699.....CC04
C14700.....RR05	CR14122.....DD25	FB14704.....MM12	JW14407.....RR11	JW14808.....CC16	R14116.....GG22	R14700.....TT05
C14701.....KK02	CR14128.....CC28	FB14705.....MM13	JW14408.....II11	JW14901.....QQ06	R14117.....CC30	R14701.....JJ04
C14702.....MM05	CR14129.....GG20	FB14707.....JJ05	JW14409.....CC19	JW14902.....JJ13	R14118.....EE28	R14702.....TT02
C14703.....II06	CR14131.....II20	FB14708.....II05	JW14410.....EE20	K14250.....MM29	R14119.....EE27	R14704.....GG05
C14704.....JJ08	CR14201.....JJ29	FB14709.....NN01	JW14412.....DD16	K14401.....SS12	R14120.....DD28	R14706.....MM06
C14706.....JJ06	CR14250.....NN28	FB14710.....MM01	JW14413.....KK17	K14402.....DD18	R14122.....EE26	R14707.....CC03
C14707.....BB02	CR14452.....LL12	FB14711.....GG08	JW14414.....LL17	L14103.....HH28	R14136.....SS26	R14708.....NN09
C14708.....KK05	CR14453.....OO12	FB14712.....HH08	JW14451.....KK14	L14200.....PP31	R14138.....AA24	R14709.....MM06
C14711.....NN08	CR14455.....TT17	FB14713.....DD07	JW14452.....JJ15	L14201.....MM30	R14139.....II23	R14710.....NN10
C14712.....LL10	CR14460.....QQ12	FB14714.....DD06	JW14453.....JJ16	L14203.....SS30	R14201.....UU27	R14712.....NN07
C14713.....MM08	CR14501.....PP20	FB14715.....MM07	JW14454.....MM18	L14301.....MM16	R14202.....VV26	R14713.....NN07

SECTION 7: COMPONENT LOCATION GUIDES**Deflection/Power Supply Circuit Board (1543465D) (Top Side)**

R14714.....MM10	R14764.....CC06	R14806.....FF14	R14900.....OO06	T14800.....GG14	TP14601.....KK26	U14104.....RR26
R14715.....LL09	R14765.....TT14	R14807.....DD12	R14901.....OO06	TP14101.....EE20	TP14701.....UU05	U14301.....VV17
R14721.....JJ11	R14766.....II03	R14808.....CC13	R14902.....OO08	TP14102.....FF17	TP14704.....CC06	U14501.....PP19
R14725.....QQ05	R14767.....DD02	R14809.....DD13	R14903.....QQ05	TP14103.....GG19	TP14705.....LL07	U14601.....MM23
R14727.....QQ06	R14768.....TT03	R14810.....AA08	R14904.....PP06	TP14104.....JJ21	TP14706.....DD07	U14602.....QQ23
R14728.....QQ07	R14773.....LL10	R14815.....DD13	R14905.....PP06	TP14105.....RR27	TP14707.....NN06	U14603.....NN23
R14729.....VV09	R14774.....MM02	R14818.....JJ19	R14910.....TT06	TP14106.....HH19	TP14708.....JJ05	U14702.....TT11
R14731.....TT13	R14775.....II03	R14821.....BB08	R14911.....TT06	TP14107.....PP29	TP14709.....TT04	U14711.....NN07
R14735.....UU06	R14776.....DD02	R14824.....BB10	RT14202.....KK31	TP14108.....TT24	TP14710.....KK07	U14732.....LL20
R14736.....SS09	R14777.....EE04	R14826.....DD13	RT14250.....LL28	TP14109.....QQ24	TP14801.....EE14	U14750.....BB04
R14737.....JJ19	R14778.....EE05	R14829.....BB16	RT14501.....QQ22	TP14110.....BB29	TP14802.....OO14	U14751.....BB07
R14739.....VV09	R14779.....CC02	R14830.....AA16	RT14502.....LL21	TP14111.....II23	TP14803.....RR14	U14752.....JJ03
R14747.....TT12	R14780.....EE03	R14831.....CC15	RT14601.....PP24	TP14201.....HH29	TP14804.....BB13	U14775.....DD04
R14748.....BB06	R14785.....JJ04	R14834.....DD16	RT14602.....PP29	TP14202.....DD31	TP14805.....BB10	
R14751.....UU17	R14787.....TT15	R14835.....BB11	T14100.....CC24	TP14301.....RR15	TP14806.....AA08	
R14752.....FF03	R14788.....KK03	R14837.....EE16	T14101.....FF25	TP14501.....OO18	TP14807.....EE16	
R14755.....BB04	R14801.....EE10	R14838.....BB14	T14300.....NN15	TP14502.....OO19	TP14808.....DD16	
R14756.....CC08	R14802.....AA08	R14839.....BB15	T14451.....KK14	TP14503.....PP20	TP14809.....II10	
R14757.....FF09	R14803.....DD10	R14841.....CC17	T14600.....LL24	TP14504.....MM20	U14100.....AA24	
R14758.....CC04	R14804.....CC12	R14845.....TT17	T14700.....QQ03	TP14505.....VV20	U14101.....AA21	
R14762.....CC07	R14805.....DD10	R14846.....DD15	T14751.....HH07	TP14506.....TT11	U14102.....HH24	

SECTION 7: COMPONENT LOCATION GUIDES

I/O Circuit Board (1543692G) (Bottom Side)

C11310.....	L23	C13210.....	D23	C22331.....	D18	Q22318.....	C16	R11740.....	F11	R13208.....	D21	R18120.....	D28
C11413.....	M16	C13211.....	D21	C22336.....	D26	Q22319.....	C16	R11741.....	H08	R13210.....	E21	R18121.....	C28
C11416.....	M14	C13212.....	D22	C22337.....	E27	Q22320.....	C16	R11900.....	E09	R13211.....	E21	R18122.....	C28
C11417.....	K30	C13213.....	D23	C22340.....	C18	Q22414.....	H22	R11901.....	E12	R13212.....	E22	R18123.....	C28
C11418.....	K29	C13215.....	E22	C22349.....	B16	Q38314.....	I18	R11902.....	F11	R13213.....	E21	R18124.....	D28
C11419.....	K31	C13216.....	E21	C22350.....	B15	R11301.....	J08	R11915.....	F10	R13214.....	D21	R18127.....	B30
C11420.....	J30	C13217.....	E21	C22355.....	E19	R11304.....	J09	R11916.....	E12	R13215.....	D22	R18128.....	B31
C11421.....	J29	C13218.....	E22	C22401.....	F16	R11309.....	J10	R11917.....	E12	R13216.....	D23	R18138.....	C29
C11422.....	J29	C13219.....	E25	C22409.....	H19	R11310.....	J11	R11918.....	E12	R13220.....	B25	R18139.....	B28
C11423.....	L27	C13227.....	B25	C22410.....	G19	R11311.....	L22	R11921.....	E12	R13259.....	E22	R18140.....	B29
C11425.....	H12	C13228.....	E22	C22412.....	G15	R11312.....	J22	R11922.....	E12	R13260.....	E22	R18141.....	B31
C11437.....	J12	C13229.....	G25	C22414.....	F14	R11317.....	B03	R11926.....	D07	R13262.....	B25	R18142.....	B32
C11438.....	I26	C13240.....	E03	C22415.....	F15	R11319.....	J07	R11927.....	C08	R13263.....	C25	R18143.....	B30
C11440.....	K26	C13241.....	E21	C22416.....	G15	R11320.....	J09	R11928.....	B10	R13265.....	B25	R18144.....	B30
C11449.....	L23	C13301.....	C22	C22418.....	H23	R11322.....	J10	R11929.....	A08	R13269.....	B25	R18145.....	B30
C11504.....	F09	C13302.....	C21	C22420.....	H23	R11323.....	J11	R11932.....	C12	R13273.....	D23	R18146.....	E28
C11707.....	H07	C13312.....	C21	C22425.....	G22	R11324.....	L22	R11933.....	E13	R13274.....	D22	R18147.....	C30
C11708.....	F08	C16506.....	H26	C22434.....	F16	R11325.....	J23	R11936.....	F07	R13275.....	D22	R18148.....	F25
C11709.....	G07	C16507.....	G30	C38201.....	I17	R11326.....	K22	R11937.....	E05	R13277.....	B25	R18149.....	G25
C11710.....	G07	C18107.....	D30	C38301.....	G13	R11327.....	K08	R11938.....	C03	R13281.....	B25	R18503.....	I31
C11712.....	G10	C18108.....	D30	C38302.....	G12	R11328.....	K07	R11939.....	F06	R13292.....	G05	R18504.....	J31
C11810.....	I09	C18110.....	E31	C38303.....	G14	R11329.....	K11	R11944.....	B09	R13301.....	C21	R18505.....	K31
C11813.....	I09	C18112.....	E30	C38304.....	H15	R11330.....	K11	R11945.....	B07	R13302.....	C22	R18506.....	I28
C11815.....	I09	C18113.....	E30	C38308.....	H18	R11331.....	J23	R11946.....	B08	R13318.....	B21	R18507.....	I27
C11841.....	I11	C18114.....	D29	C38312.....	I14	R11336.....	I08	R11949.....	C09	R13319.....	B21	R18508.....	I26
C11909.....	D12	C18116.....	D29	C38313.....	I14	R11415.....	M25	R11950.....	F06	R16500.....	J31	R18509.....	J28
C11911.....	C09	C18117.....	D28	C38314.....	G16	R11417.....	M28	R11951.....	F06	R16501.....	K31	R18510.....	K28
C11913.....	C10	C18118.....	E29	C41275.....	C13	R11422.....	L25	R13105.....	B24	R16502.....	H28	R18511.....	J27
C11915.....	E07	C18119.....	D29	C41278.....	C13	R11424.....	L24	R13106.....	C24	R16503.....	K26	R22306.....	E19
C11916.....	E09	C18120.....	D30	CR11902.....	B06	R11425.....	L24	R13107.....	B25	R16504.....	J28	R22309.....	D17
C11918.....	D07	C18121.....	D30	CR11903.....	B06	R11429.....	L23	R13109.....	E24	R16505.....	H28	R22313.....	E18
C11919.....	E10	C18122.....	D29	CR11904.....	D09	R11430.....	M27	R13110.....	D21	R16507.....	F27	R22315.....	D18
C11920.....	D08	C18123.....	B28	CR11905.....	D09	R11431.....	M26	R13111.....	B23	R16508.....	F28	R22316.....	D18
C11921.....	E07	C18125.....	C28	CR11908.....	F07	R11432.....	M27	R13113.....	B25	R16509.....	G27	R22323.....	C15
C11923.....	D08	C18126.....	B27	CR11910.....	D07	R11433.....	M27	R13114.....	E25	R16510.....	F30	R22324.....	C15
C11924.....	C08	C18127.....	D29	CR11911.....	D07	R11434.....	M15	R13115.....	B25	R16511.....	F27	R22328.....	B18
C11926.....	E10	C18128.....	D28	CR16502.....	H31	R11436.....	M14	R13120.....	C22	R16512.....	F27	R22329.....	B18
C11927.....	E07	C18129.....	D31	CR16503.....	H30	R11441.....	M28	R13121.....	B25	R16514.....	H26	R22330.....	D16
C11935.....	C09	C18130.....	E30	CR16508.....	H31	R11450.....	K30	R13126.....	D24	R16515.....	K28	R22331.....	D16
C11938.....	C07	C18132.....	D30	CR16516.....	J24	R11451.....	K31	R13127.....	E24	R16516.....	K27	R22332.....	D16
C11939.....	B08	C18134.....	C30	CR16517.....	J24	R11452.....	J30	R13129.....	E24	R16518.....	G26	R22334.....	D14
C11942.....	I11	C18135.....	C31	CR22301.....	C17	R11453.....	J29	R13131.....	B25	R16519.....	G26	R22339.....	C17
C11944.....	B05	C18146.....	B30	CR22401.....	G21	R11454.....	J30	R13134.....	B22	R16520.....	G28	R22341.....	D20
C11945.....	I10	C18147.....	C29	CR22402.....	G21	R11455.....	K29	R13135.....	B22	R16521.....	G27	R22357.....	E19
C11946.....	I10	C18149.....	C29	CR22403.....	G20	R11456.....	K30	R13136.....	B22	R16522.....	G27	R22360.....	E26
C11948.....	C05	C18152.....	C29	CR22405.....	G15	R11457.....	J29	R13138.....	C23	R16524.....	I31	R22367.....	B16
C13102.....	C24	C18153.....	C29	CR22406.....	G22	R11458.....	J30	R13139.....	C25	R16525.....	I28	R22372.....	B16
C13104.....	C22	C18154.....	C28	CR22407.....	H20	R11459.....	I29	R13141.....	C24	R16527.....	H27	R22377.....	B15
C13106.....	C23	C18157.....	B28	CR38217.....	K17	R11460.....	L17	R13142.....	C24	R16533.....	G29	R22405.....	I22
C13107.....	C23	C18158.....	C29	CR38219.....	K19	R11461.....	L19	R13145.....	C25	R16535.....	G30	R22406.....	I22
C13109.....	B24	C18159.....	C30	CR38301.....	H15	R11462.....	L14	R13149.....	E25	R16536.....	G30	R22407.....	I23
C13113.....	C21	C18160.....	C28	CR41121.....	A02	R11463.....	M15	R13150.....	E24	R16537.....	G30	R22408.....	I23
C13114.....	C23	C18161.....	C28	FB13201.....	G05	R11464.....	K29	R13160.....	E23	R16554.....	G31	R22409.....	I24
C13115.....	C25	C18162.....	D28	FB13219.....	D21	R11465.....	K30	R13161.....	B24	R16555.....	J24	R22410.....	I24
C13117.....	B21	C18163.....	C28	FB18103.....	D31	R11469.....	J13	R13162.....	C25	R16556.....	H26	R22411.....	F16
C13119.....	B22	C18164.....	C28	FB18105.....	D31	R11472.....	I12	R13163.....	B24	R16559.....	F31	R22412.....	F16
C13120.....	E25	C18165.....	B26	FB18106.....	D30	R11474.....	I12	R13164.....	E24	R16565.....	J24	R22448.....	G18
C13123.....	E24	C18167.....	C30	JC11901.....	D06	R11478.....	I13	R13165.....	E25	R16573.....	H28	R22449.....	I22
C13124.....	E24	C18169.....	B29	JC38306.....	H15	R11480.....	I13	R13167.....	B23	R16574.....	H27	R22453.....	H23
C13128.....	E24	C18173.....	B31	JC38307.....	D18	R11491.....	I25	R13169.....	E23	R16575.....	H27	R22460.....	H22
C13132.....	C20	C22312.....	D17	JC38308.....	H19	R11492.....	J26	R13172.....	B23	R18101.....	C32	R22461.....	H22
C13138.....	E25	C22313.....	D16	JC38309.....	H19	R11495.....	J26	R13173.....	B23	R18105.....	B31	R22462.....	H22
C13163.....	C21	C22314.....	D15	L13201.....	D22	R11496.....	K26	R13176.....	B22	R18108.....	D29	R22463.....	H24
C13166.....	B23	C22315.....	D16	L13202.....	D22	R11509.....	F08	R13187.....	E25	R18109.....	E28	R22464.....	H24
C13167.....	E23	C22318.....	B17	L13203.....	D21	R11702.....	G10	R13195.....	C23	R18110.....	E29	R22469.....	H23
C13168.....	B24	C22320.....	C15	Q13109.....	B21	R11703.....	G10	R13196.....	B24	R18111.....	D28	R38200.....	H14
C13169.....	B25	C22321.....	D18	Q18103.....	C27	R11717.....	G10	R13197.....	B23	R18112.....	C30	R38210.....	J15
C13170.....	C24	C22322.....	D15	Q18104.....	D28	R11728.....	I10	R13198.....	D25	R18114.....	B30	R38211.....	J15
C13171.....	C23	C22325.....	D17	Q18107.....	B29	R11733.....	J11	R13200.....	D23	R18115.....	B28	R38212.....	J14
C13172.....	B24	C22326.....	D17	Q18108.....	B30	R11736.....	G07	R13201.....	B25	R18116.....	B27	R38213.....	J17
C13208.....	D22	C22329.....	D17	Q18111.....	B29	R11737.....	G08	R13206.....	D22	R18117.....	C27	R38214.....	J18
C13209.....	D22	C22330.....	D17	Q18112.....	B31	R11739.....	H08	R13207.....	D22	R18119.....	D27	R38215.....	J18

SECTION 7: COMPONENT LOCATION GUIDES**I/O Circuit Board (1543692G) (Bottom Side)**

R38245..... H14	R38255..... K17	R38307 H15	R38335..... I15	R38340..... I16	R38371 I19
R38246..... H14	R38256..... K19	R38310 I15	R38337..... G14	R38341 I17	R41278 D13
R38248..... I16	R38306..... G15	R38333 I15	R38338..... I18	R38343..... I17	R41282 B12

SECTION 7: COMPONENT LOCATION GUIDES

I/O Circuit Board (1543692G) (Top Side)

C11300.....JJ10	C11908.....BB10	C16509.....HH29	C22341.....CC15	CR16501.....HH26	J16507.....EE33	Q11702.....JJ07
C11301.....JJ11	C11910.....DD09	C16510.....HH25	C22342.....BB15	CR16504.....HH27	J16508.....FF33	Q11901.....EE12
C11302.....LL21	C11912.....DD08	C16511.....GG26	C22343.....CC15	CR16505.....HH28	J16511.....GG33	Q11902.....EE12
C11303.....KK21	C11914.....CC10	C16512.....GG28	C22344.....BB15	CR16506.....HH26	J22300.....AA14	Q11903.....HH10
C11304.....JJ08	C11917.....EE09	C16513.....FF32	C22345.....CC16	CR16507.....HH29	J22325.....AA16	Q11904.....CC04
C11305.....JJ09	C11922.....DD08	C16514.....HH32	C22346.....CC16	CR16509.....GG32	J22401.....II23	Q11906.....HH10
C11306.....II08	C11925.....CC08	C16515.....HH26	C22347.....CC15	CR16511.....FF31	J22402.....FF12	Q13101.....DD23
C11308.....II07	C11928.....EE13	C16516.....GG26	C22348.....EE26	CR18103.....DD27	J22403.....FF21	Q13103.....EE24
C11400.....LL21	C11929.....EE11	C16517.....HH27	C22351.....CC17	CR22303.....CC17	J38200.....KK15	Q13104.....EE23
C11401.....LL13	C11930.....CC12	C16518.....HH29	C22352.....BB18	CR22404.....GG18	J38201.....KK18	Q13105.....BB23
C11402.....MM13	C11931.....FF12	C16520.....FF31	C22353.....BB17	CR38200.....JJ17	J38301.....MM21	Q13106.....BB25
C11403.....MM17	C11932.....FF12	C16521.....FF32	C22354.....BB18	CR38201.....JJ17	J41125.....AA02	Q13107.....CC25
C11404.....LL17	C11933.....CC11	C16522.....HH29	C22402.....GG21	CR38202.....JJ18	J41126.....AA03	Q13108.....BB23
C11405.....KK25	C11934.....BB07	C16526.....GG32	C22403.....GG21	CR38203.....JJ18	J41275.....AA12	Q13201.....HH04
C11406.....LL26	C11936.....EE09	C16527.....HH32	C22404.....HH20	CR38204.....JJ18	J41276.....AA04	Q13202.....EE04
C11407.....LL25	C11937.....DD08	C18100.....CC32	C22405.....EE18	CR38205.....JJ19	JC13205.....FF24	Q13203.....DD04
C11408.....LL26	C11940.....EE05	C18101.....BB32	C22406.....EE17	CR38206.....JJ15	JC13206.....FF24	Q13204.....DD03
C11409.....MM25	C11941.....CC03	C18102.....BB31	C22407.....EE19	CR38207.....JJ14	JC22301.....EE16	Q13205.....HH05
C11410.....KK24	C11943.....BB10	C18103.....BB32	C22408.....EE18	CR38208.....JJ16	JC38201.....JJ19	Q13206.....GG05
C11414.....LL19	C11947.....BB06	C18104.....BB31	C22411.....GG19	CR38209.....JJ15	JC38202.....KK20	Q13301.....BB21
C11415.....LL19	C11949.....DD11	C18105.....CC31	C22413.....GG15	CR38210.....JJ16	JC38301.....HH14	Q16500.....GG28
C11424.....LL22	C11950.....FF06	C18106.....CC31	C22417.....HH24	CR38211.....JJ17	JC38302.....GG14	Q16501.....GG27
C11426.....II12	C11951.....FF06	C18109.....DD31	C22419.....GG23	CR38212.....KK17	JC38303.....HH16	Q16502.....FF31
C11427.....II12	C13101.....EE23	C18111.....DD31	C22421.....GG23	CR38213.....KK19	JC38304.....GG16	Q16503.....GG27
C11428.....MM26	C13103.....AA20	C18115.....DD29	C22422.....HH24	CR38214.....JJ14	JC38305.....HH16	Q16504.....GG27
C11429.....II13	C13105.....EE23	C18124.....DD27	C22423.....II22	CR38215.....KK16	L11901.....DD10	Q16505.....FF31
C11430.....II12	C13108.....AA26	C18131.....EE30	C22424.....HH22	CR41120.....BB02	L11902.....DD10	Q16506.....HH32
C11431.....HH12	C13110.....BB24	C18133.....DD30	C22426.....II23	E38301.....KK22	L11903.....CC07	Q16508.....HH25
C11432.....HH12	C13111.....BB24	C18136.....BB31	C22427.....II24	FB11901.....EE07	L11904.....CC07	Q16509.....FF31
C11433.....HH11	C13112.....BB23	C18137.....BB31	C22428.....FF16	FB11902.....EE07	L11905.....BB08	Q18100.....CC32
C11434.....HH12	C13116.....DD21	C18138.....BB31	C22429.....FF16	FB11903.....EE06	L11906.....CC06	Q18101.....CC32
C11435.....HH13	C13118.....AA20	C18139.....BB31	C22430.....FF16	FB13101.....BB21	L11907.....BB06	Q18102.....BB28
C11436.....II12	C13121.....EE24	C18140.....CC31	C22431.....FF17	FB13202.....HH05	L11908.....EE11	Q18105.....BB30
C11439.....KK22	C13125.....BB23	C18141.....BB30	C22432.....FF17	FB13203.....HH05	L13105.....CC21	Q18106.....BB29
C11441.....MM24	C13126.....EE25	C18142.....BB30	C22433.....FF17	FB13204.....JJ04	L13204.....EE22	Q18109.....BB29
C11442.....JJ13	C13130.....EE25	C18143.....BB30	C38200.....JJ17	FB13205.....GG01	L13205.....EE25	Q18110.....BB29
C11443.....II11	C13131.....EE25	C18144.....BB30	C38210.....JJ19	FB13206.....HH02	L13206.....EE21	Q18113.....FF26
C11444.....II12	C13133.....EE24	C18145.....CC30	C38211.....JJ18	FB13207.....HH02	L13207.....EE02	Q22301.....CC16
C11445.....MM26	C13134.....DD21	C18148.....CC29	C38212.....JJ17	FB13208.....JJ01	L13208.....GG04	Q22302.....BB16
C11446.....MM26	C13144.....EE23	C18150.....BB29	C38213.....JJ15	FB13209.....GG01	L18100.....CC32	Q22303.....BB17
C11447.....LL26	C13147.....EE25	C18151.....BB30	C38214.....JJ15	FB13210.....II02	L18101.....BB32	Q22304.....CC16
C11448.....LL26	C13201.....II04	C18155.....BB28	C38215.....JJ16	FB13211.....II02	L18102.....BB32	Q22306.....BB15
C11501.....FF10	C13202.....HH04	C18156.....BB29	C38216.....HH17	FB13212.....JJ01	L18103.....BB31	Q22307.....EE19
C11502.....FF08	C13203.....HH04	C18166.....CC30	C38300.....HH14	FB13213.....FF05	L18104.....BB31	Q22308.....EE19
C11503.....FF08	C13204.....HH03	C18168.....AA27	C38305.....II15	FB13214.....JJ04	L18105.....BB30	Q22309.....EE19
C11518.....HH09	C13205.....JJ02	C18170.....BB27	C38306.....HH16	FB13215.....JJ04	L18106.....BB30	Q22310.....EE19
C11519.....HH10	C13206.....JJ02	C18171.....DD27	C38307.....II15	FB13216.....FF05	L18107.....BB29	Q22311.....CC15
C11700.....HH09	C13207.....JJ02	C18172.....EE32	C38309.....II19	FB18100.....EE30	L18108.....BB28	Q22312.....BB15
C11701.....HH08	C13214.....EE22	C22300.....BB14	C38316.....II16	FB18101.....EE29	L18110.....EE31	Q22313.....EE18
C11702.....II08	C13220.....HH06	C22301.....CC14	C38317.....II16	FB18102.....DD31	L18111.....EE28	Q22314.....DD18
C11703.....GG08	C13221.....HH05	C22302.....FF19	C41125.....BB02	FB18104.....DD31	L18112.....BB28	Q22315.....CC18
C11704.....FF11	C13222.....GG06	C22303.....CC19	C41126.....BB02	FB18107.....CC28	L22300.....DD19	Q22316.....CC14
C11705.....FF08	C13223.....GG04	C22304.....CC19	C41127.....AA03	J11300.....KK11	L22301.....CC16	Q22317.....DD19
C11706.....II07	C13224.....HH05	C22305.....CC19	C41128.....BB03	J11301.....KK08	L22302.....CC16	Q22403.....FF18
C11711.....FF10	C13225.....EE01	C22306.....CC19	C41276.....BB12	J11302.....KK23	L22303.....CC15	Q22404.....FF18
C11805.....II11	C13226.....FF01	C22307.....EE14	C41279.....AA12	J11400.....LL18	L22304.....JJ20	Q22405.....FF18
C11806.....II11	C13230.....JJ04	C22308.....EE16	C41280.....AA13	J11401.....LL15	L22305.....BB18	Q22406.....II24
C11807.....GG11	C13231.....JJ03	C22309.....CC18	CR11301.....II08	J11402.....II12	L22306.....GG23	Q22407.....GG19
C11808.....JJ09	C13232.....II03	C22310.....CC19	CR11302.....II08	J11403.....JJ26	L22307.....DD14	Q22408.....GG19
C11809.....JJ09	C13233.....II03	C22311.....BB19	CR11303.....JJ08	J11900.....LL01	L38300.....II14	Q22409.....FF17
C11811.....II08	C13234.....HH03	C22316.....BB17	CR11401.....KK23	J11901.....LL10	Q11300.....II08	Q22410.....FF17
C11812.....JJ10	C13235.....HH03	C22317.....BB17	CR11501.....FF08	J13107.....AA21	Q11301.....JJ09	Q22411.....FF17
C11814.....JJ10	C13236.....FF24	C22319.....CC17	CR11502.....FF08	J13201.....AA25	Q11302.....JJ09	Q22412.....HH22
C11816.....JJ10	C13238.....FF04	C22323.....DD18	CR11503.....FF09	J13202.....AA30	Q11303.....JJ08	Q22413.....HH22
C11817.....JJ10	C13239.....GG03	C22324.....EE18	CR11700.....FF11	J13203.....II05	Q11304.....KK21	Q22415.....HH22
C11900.....DD12	C13307.....BB21	C22327.....EE17	CR11801.....GG08	J13204.....II01	Q11305.....KK22	Q22416.....FF15
C11901.....BB09	C16500.....HH30	C22328.....BB18	CR11802.....GG09	J13205.....AA23	Q11306.....JJ10	Q22417.....FF15
C11902.....BB08	C16501.....HH32	C22332.....CC15	CR11906.....HH11	J13206.....JJ05	Q11307.....JJ11	Q22418.....II23
C11903.....FF10	C16502.....HH30	C22333.....CC15	CR11907.....FF06	J16500.....FF29	Q11308.....JJ09	Q38300.....GG15
C11904.....FF09	C16503.....HH31	C22334.....CC15	CR11909.....CC03	J16501.....LL29	Q11401.....LL21	Q38301.....HH16
C11905.....DD13	C16504.....HH28	C22335.....CC14	CR13101.....DD25	J16502.....II29	Q11402.....LL22	Q38302.....HH12
C11906.....EE08	C16505.....HH27	C22338.....CC16	CR13201.....EE22	J16503.....KK29	Q11403.....LL22	Q38303.....HH15
C11907.....DD06	C16508.....GG31	C22339.....BB16	CR16500.....HH29	J16504.....CC33	Q11701.....JJ07	Q38304.....HH15

SECTION 7: COMPONENT LOCATION GUIDES

I/O Circuit Board (1543692G) (Top Side)

Q38305.....HH15	R11442.....MM24	R11808.....HH11	R13178.....EE23	R13314.....CC22	R22337.....CC18	R22468.....II22
Q38306.....II15	R11443.....LL24	R11809.....II11	R13179.....EE23	R13316.....BB22	R22338.....FF13	R22470.....GG18
Q38307.....II16	R11444.....LL24	R11810.....II11	R13180.....DD25	R13317.....BB22	R22340.....AA18	R38201.....JJ14
Q38308.....GG13	R11445.....LL23	R11811.....JJ09	R13181.....DD22	R13329.....DD24	R22342.....EE20	R38235.....KK17
Q38309.....HH13	R11446.....KK24	R11812.....HH10	R13202.....HH03	R13372.....CC21	R22344.....BB17	R38236.....KK19
Q38310.....II16	R11447.....LL24	R11813.....HH08	R13203.....JJ03	R16506.....HH29	R22345.....BB17	R38237.....KK14
Q38311.....II15	R11448.....MM22	R11814.....JJ10	R13204.....JJ03	R16513.....HH26	R22346.....BB18	R38238.....KK16
Q38312.....GG12	R11466.....KK21	R11815.....JJ11	R13205.....JJ03	R16517.....GG28	R22356.....DD19	R38239.....JJ16
Q38313.....II15	R11467.....KK22	R11816.....HH09	R13209.....EE22	R16523.....FF31	R22358.....EE19	R38240.....JJ15
Q38315.....II17	R11468.....LL22	R11903.....EE12	R13217.....HH06	R16526.....HH27	R22359.....DD19	R38241.....JJ14
Q38316.....GG12	R11470.....JJ13	R11904.....FF12	R13218.....AA24	R16528.....GG32	R22361.....EE26	R38242.....JJ19
Q38317.....HH18	R11471.....II13	R11905.....DD09	R13219.....AA24	R16529.....HH32	R22362.....FF27	R38243.....JJ18
Q38318.....II18	R11473.....II13	R11906.....EE09	R13221.....JJ04	R16530.....HH33	R22363.....CC16	R38244.....JJ17
Q38319.....II18	R11475.....JJ12	R11907.....EE10	R13222.....JJ04	R16531.....HH33	R22364.....CC16	R38249.....II17
Q38320.....HH18	R11476.....JJ12	R11908.....DD08	R13223.....II02	R16532.....HH32	R22365.....BB16	R38250.....II18
Q38321.....HH19	R11477.....II12	R11909.....CC05	R13224.....II02	R16534.....FF32	R22366.....BB16	R38251.....JJ18
Q38322.....HH19	R11479.....JJ12	R11910.....EE10	R13225.....HH02	R16538.....EE32	R22368.....CC16	R38252.....JJ15
Q38323.....EE14	R11481.....HH12	R11911.....HH10	R13226.....HH02	R16539.....GG27	R22369.....CC16	R38253.....JJ16
Q38324.....GG17	R11482.....HH12	R11912.....FF13	R13227.....HH05	R16540.....FF30	R22370.....BB16	R38254.....JJ16
Q38325.....GG16	R11483.....HH12	R11913.....EE12	R13228.....II04	R16541.....DD32	R22371.....BB16	R38300.....HH14
Q38326.....GG16	R11484.....HH12	R11914.....DD13	R13229.....HH05	R16542.....FF29	R22373.....CC15	R38301.....GG13
Q38327.....EE14	R11485.....HH12	R11919.....HH09	R13230.....EE04	R16543.....FF29	R22374.....CC15	R38302.....GG13
Q38328.....GG17	R11486.....HH12	R11920.....II09	R13231.....DD04	R16544.....HH31	R22375.....BB15	R38303.....HH17
Q41125.....BB03	R11487.....HH13	R11923.....HH09	R13232.....EE02	R16545.....HH31	R22376.....BB15	R38304.....HH16
Q41126.....BB03	R11488.....MM24	R11924.....CC09	R13233.....DD03	R16546.....GG28	R22401.....FF15	R38305.....II15
Q41275.....BB12	R11489.....II12	R11925.....CC10	R13234.....EE03	R16547.....GG27	R22402.....FF15	R38308.....HH14
Q41276.....BB13	R11490.....JJ13	R11930.....FF11	R13235.....HH03	R16548.....GG27	R22403.....FF15	R38309.....GG13
Q41277.....BB12	R11497.....JJ13	R11931.....HH11	R13236.....EE05	R16549.....FF30	R22404.....HH22	R38311.....II16
R11300.....JJ08	R11498.....JJ13	R11934.....CC04	R13237.....EE04	R16550.....GG31	R22415.....FF17	R38312.....II16
R11302.....JJ08	R11499.....KK23	R11935.....FF06	R13238.....EE03	R16551.....GG28	R22416.....FF17	R38313.....HH15
R11303.....JJ09	R11501.....GG09	R11940.....AA20	R13239.....EE04	R16552.....GG26	R22417.....FF17	R38314.....HH14
R11305.....KK22	R11502.....GG09	R11941.....AA05	R13240.....DD03	R16557.....FF31	R22418.....FF17	R38315.....II16
R11306.....KK21	R11503.....GG09	R11942.....CC05	R13241.....EE02	R16558.....GG25	R22419.....GG17	R38316.....II16
R11307.....JJ11	R11504.....FF10	R11943.....BB08	R13242.....EE04	R16560.....FF32	R22420.....FF17	R38317.....II16
R11308.....JJ10	R11505.....FF10	R11948.....CC08	R13243.....FF24	R16566.....HH26	R22421.....II23	R38318.....GG15
R11313.....JJ07	R11506.....GG09	R13101.....EE23	R13244.....FF25	R16567.....FF31	R22422.....II23	R38319.....GG15
R11314.....JJ09	R11508.....FF09	R13102.....EE23	R13245.....EE05	R18100.....DD32	R22423.....GG19	R38320.....HH15
R11315.....JJ08	R11700.....FF08	R13103.....DD23	R13246.....HH05	R18102.....DD32	R22424.....GG19	R38321.....HH16
R11316.....JJ08	R11701.....JJ07	R13104.....DD24	R13247.....HH05	R18103.....CC32	R22425.....FF18	R38322.....GG15
R11318.....II08	R11704.....GG07	R13108.....EE24	R13248.....FF24	R18104.....BB31	R22426.....FF19	R38323.....HH15
R11321.....II09	R11705.....GG07	R13112.....DD25	R13249.....GG24	R18106.....EE29	R22427.....FF20	R38324.....MM19
R11333.....MM23	R11706.....HH07	R13116.....CC24	R13250.....GG24	R18107.....DD29	R22428.....EE19	R38325.....HH16
R11334.....LL23	R11707.....HH08	R13117.....CC24	R13251.....JJ04	R18113.....BB28	R22429.....FF20	R38326.....GG13
R11335.....HH09	R11708.....HH08	R13118.....CC24	R13252.....JJ03	R18118.....DD28	R22430.....FF20	R38327.....HH13
R11400.....MM26	R11709.....HH07	R13119.....CC24	R13253.....II03	R18125.....CC31	R22431.....FF19	R38328.....HH13
R11401.....MM26	R11710.....GG08	R13122.....BB23	R13254.....II03	R18126.....BB31	R22432.....FF15	R38329.....HH13
R11402.....MM27	R11711.....HH08	R13125.....EE24	R13255.....HH03	R18129.....BB30	R22433.....FF15	R38330.....HH13
R11403.....LL27	R11712.....GG07	R13128.....DD22	R13256.....II02	R18130.....CC30	R22434.....FF14	R38331.....HH15
R11404.....LL26	R11713.....GG07	R13130.....EE25	R13257.....JJ03	R18131.....BB29	R22435.....FF14	R38332.....II15
R11405.....LL26	R11714.....HH07	R13132.....FF25	R13258.....JJ03	R18132.....CC30	R22436.....FF14	R38334.....II16
R11406.....MM28	R11716.....JJ07	R13133.....CC24	R13261.....FF25	R18133.....BB29	R22437.....FF14	R38336.....II19
R11407.....MM28	R11720.....FF11	R13137.....BB23	R13264.....AA25	R18134.....BB29	R22438.....II24	R38339.....II17
R11408.....MM28	R11722.....HH08	R13140.....BB23	R13266.....AA25	R18135.....CC29	R22439.....FF14	R38342.....II17
R11409.....LL23	R11723.....II07	R13144.....DD21	R13267.....AA24	R18136.....BB29	R22440.....FF14	R38344.....HH18
R11410.....LL23	R11724.....GG10	R13146.....CC25	R13268.....AA25	R18137.....BB28	R22441.....FF14	R38345.....HH17
R11411.....MM23	R11725.....II07	R13147.....BB25	R13270.....II03	R18502.....GG25	R22442.....FF14	R38346.....HH18
R11412.....KK23	R11726.....II07	R13148.....DD24	R13271.....HH04	R22300.....BB18	R22443.....FF16	R38347.....II19
R11413.....MM24	R11727.....GG07	R13151.....DD24	R13272.....GG04	R22301.....BB17	R22444.....GG14	R38348.....II18
R11414.....MM26	R11729.....GG07	R13152.....DD25	R13276.....AA25	R22302.....EE19	R22445.....GG14	R38349.....II18
R11416.....MM25	R11730.....GG07	R13153.....DD25	R13278.....AA25	R22303.....EE15	R22446.....GG14	R38350.....II18
R11418.....KK24	R11731.....HH07	R13154.....CC25	R13279.....AA24	R22304.....EE15	R22447.....GG14	R38351.....II18
R11419.....MM28	R11732.....GG07	R13155.....CC25	R13280.....AA25	R22305.....CC18	R22450.....FF19	R38352.....II19
R11420.....LL28	R11734.....HH07	R13156.....AA23	R13282.....HH05	R22307.....EE13	R22451.....HH22	R38353.....HH19
R11421.....LL27	R11735.....HH07	R13157.....DD25	R13283.....HH05	R22308.....EE13	R22452.....HH23	R38354.....II19
R11423.....LL25	R11738.....GG10	R13158.....BB23	R13284.....DD22	R22310.....CC18	R22454.....HH23	R38355.....HH16
R11426.....LL21	R11800.....II09	R13159.....BB23	R13285.....DD21	R22311.....CC14	R22455.....II24	R38356.....II19
R11427.....LL24	R11801.....JJ09	R13166.....DD25	R13286.....DD21	R22312.....EE18	R22456.....II24	R38357.....HH19
R11428.....LL24	R11802.....JJ09	R13168.....DD21	R13287.....DD22	R22314.....EE19	R22457.....II22	R38358.....HH19
R11435.....LL19	R11803.....HH11	R13170.....DD21	R13288.....EE22	R22321.....AA19	R22458.....HH22	R38359.....FF16
R11437.....LL19	R11804.....II11	R13171.....CC21	R13290.....FF21	R22322.....BB16	R22459.....FF15	R38360.....FF16
R11438.....MM24	R11805.....II11	R13174.....BB21	R13291.....FF21	R22333.....CC14	R22465.....GG22	R38361.....HH15
R11439.....MM24	R11806.....HH11	R13175.....DD24	R13293.....HH05	R22335.....AA14	R22466.....GG23	R38362.....HH15
R11440.....LL24	R11807.....HH11	R13177.....BB24	R13294.....GG04	R22336.....CC18	R22467.....HH22	R38363.....HH19

SECTION 7: COMPONENT LOCATION GUIDES

I/O Circuit Board (1543692G) (Top Side)

R38364.....HH19	R41279.....CC13	TP11901.....AA10	TP22306.....EE15	U11700.....GG07	U16502.....HH32	U38305.....HH18
R38367.....EE14	R41280.....BB12	TP11902.....CC07	TP22307.....CC16	U11701.....HH07	U18100.....CC30	U38306.....II18
R38368.....EE14	R41281.....BB12	TP11903.....EE09	TP22308.....CC16	U11702.....GG10	U18101.....BB26	U41275.....CC13
R38369.....GG15	R41283.....BB13	TP11904.....FF10	TP22309.....CC16	U11800.....II10	U22300.....DD16	WR11901.....CC08
R38370.....JJ19	R41284.....BB12	TP11905.....FF07	TP22401.....FF16	U11900.....EE12	U22303.....DD26	WR13101.....DD23
R38372.....HH18	R41285.....AA11	TP11906.....FF07	TP22402.....FF16	U11901.....CC09	U22401.....FF16	WR18101.....CC30
R41127.....CC02	R41286.....BB13	TP18101.....DD32	TP22403.....FF16	U11902.....CC08	U22402.....FF18	WR31601.....HH04
R41128.....AA02	R41287.....BB12	TP18102.....DD31	TP38301.....GG18	U13101.....CC23	U22403.....GG18	Y13101.....BB23
R41129.....BB03	R41288.....CC12	TP18103.....DD29	TP38302.....MM20	U13102.....BB22	U22404.....FF15	Y13201.....HH04
R41130.....AA04	SW11900.....LL07	TP18104.....DD28	TP38303.....MM21	U13103.....BB24	U22405.....FF15	Y18100.....DD28
R41131.....AA03	T41200.....BB04	TP18105.....EE32	TP41101.....BB03	U13201.....II03	U22406.....GG15	Y22300.....EE15
R41132.....AA03	TP11301.....MM22	TP18106.....CC31	U11301.....LL23	U13202.....EE21	U22407.....HH23	Y22301.....EE16
R41133.....AA20	TP11302.....LL20	TP18107.....CC31	U11400.....LL23	U13203.....BB25	U38200.....II17	Y22401.....GG23
R41134.....CC02	TP11501.....HH10	TP22301.....BB32	U11401.....MM23	U13204.....GG05	U38300.....GG12	
R41274.....CC13	TP11502.....GG09	TP22302.....CC16	U11402.....MM27	U13205.....EE03	U38301.....HH14	
R41275.....CC13	TP11701.....GG10	TP22303.....EE16	U11403.....JJ12	U13206.....GG24	U38302.....GG16	
R41276.....CC11	TP11702.....GG10	TP22304.....DD18	U11404.....HH12	U16500.....HH27	U38303.....HH15	
R41277.....CC12	TP11801.....GG11	TP22305.....EE15	U11500.....FF09	U16501.....GG30	U38304.....II14	

SECTION 7: COMPONENT LOCATION GUIDES**Deflection/Power Supply ver.G Circuit Board (1553100B) (Bottom Side)**

C14102.....	G24	C14741.....	V18	JC14101.....	U27	Q14739.....	U11	R14503.....	P18	R14733.....	V15	R14813.....	B10
C14114.....	I23	C14743.....	U15	JC14102.....	U27	Q14740.....	V13	R14504.....	P17	R14734.....	U14	R14814.....	A09
C14115.....	I20	C14745.....	V19	JC14103.....	U27	Q14741.....	V15	R14509.....	Q19	R14738.....	L20	R14816.....	B10
C14116.....	H18	C14746.....	V16	JC14104.....	U27	Q14805.....	C10	R14514.....	O19	R14740.....	U13	R14817.....	A10
C14117.....	A21	C14748.....	H08	JC14105.....	U27	Q14811.....	C09	R14515.....	S20	R14741.....	M20	R14819.....	D10
C14118.....	G18	C14750.....	F02	JC14106.....	U27	Q14813.....	M19	R14516.....	S20	R14742.....	K20	R14820.....	C09
C14122.....	E25	C14753.....	B06	JC14107.....	E28	Q14901.....	O06	R14518.....	S20	R14743.....	K20	R14822.....	B10
C14123.....	E29	C14754.....	C05	JC14403.....	O15	Q14902.....	N09	R14527.....	T20	R14744.....	M21	R14823.....	B11
C14124.....	C30	C14755.....	C06	JC14601.....	S22	Q14903.....	O08	R14528.....	T20	R14745.....	N06	R14825.....	B10
C14125.....	A21	C14758.....	B06	JC14701.....	L19	Q14904.....	O09	R14610.....	K24	R14746.....	K20	R14827.....	C10
C14129.....	E30	C14761.....	C07	JC14702.....	L19	Q14905.....	L10	R14616.....	R23	R14749.....	U16	R14828.....	A16
C14130.....	J26	C14763.....	B07	JC14703.....	V13	R14102.....	A23	R14617.....	R24	R14750.....	U18	R14832.....	B14
C14132.....	K25	C14775.....	D05	JC14704.....	U11	R14107.....	A21	R14620.....	S25	R14753.....	U07	R14833.....	C10
C14134.....	H19	C14812.....	A16	JC14705.....	M08	R14108.....	A20	R14621.....	S25	R14754.....	C07	R14836.....	L19
C14137.....	H21	C14814.....	B12	JC14706.....	U11	R14112.....	A21	R14622.....	S25	R14759.....	B07	R14840.....	B14
C14451.....	S15	C14816.....	C11	JC14707.....	V13	R14121.....	I23	R14623.....	S26	R14760.....	B06	R14842.....	C10
C14459.....	I13	C14902.....	N08	JC14708.....	U11	R14131.....	J22	R14624.....	S26	R14761.....	C08	R14843.....	A16
C14464.....	P15	C14904.....	O08	JC14710.....	V18	R14132.....	J22	R14631.....	Q25	R14763.....	C05	R14844.....	M18
C14465.....	I14	CR14302.....	I14	JC14801.....	B15	R14133.....	J23	R14690.....	F03	R14769.....	J10	R14906.....	O08
C14466.....	I15	CR14440.....	D20	JC14802.....	B11	R14135.....	J23	R14691.....	S13	R14770.....	J11	R14907.....	O08
C14467.....	I14	CR14451.....	S14	Q14105.....	I23	R14250.....	O28	R14692.....	V10	R14773.....	K10	R14908.....	O08
C14504.....	O20	CR14508.....	T20	Q14501.....	S19	R14251.....	N28	R14693.....	U11	R14781.....	V11	R14909.....	N11
C14507.....	O20	CR14616.....	S25	Q14502.....	S20	R14370.....	S18	R14694.....	U10	R14782.....	U12	R14912.....	O09
C14509.....	O19	CR14702.....	N06	Q14503.....	T20	R14376.....	S18	R14695.....	T14	R14783.....	V12	R14914.....	R06
C14607.....	O24	CR14705.....	U11	Q14606.....	R24	R14441.....	D20	R14696.....	V10	R14784.....	U14	R14915.....	P06
C14608.....	O22	CR14706.....	V19	Q14702.....	K09	R14442.....	D19	R14705.....	N06	R14786.....	U13	R14916.....	L10
C14615.....	P28	CR14711.....	V12	Q14706.....	J10	R14450.....	Q15	R14717.....	I11	R14789.....	U15	R14917.....	L10
C14617.....	T25	CR14712.....	T13	Q14707.....	V12	R14453.....	T15	R14718.....	K09	R14790.....	V16	R14918.....	K10
C14705.....	N01	CR14743.....	U14	Q14708.....	U10	R14457.....	I12	R14719.....	I11	R14791.....	U16	R14919.....	L10
C14709.....	J11	CR14746.....	T09	Q14710.....	U10	R14461.....	I13	R14720.....	K09	R14792.....	U15		
C14710.....	N08	CR14749.....	V16	Q14732.....	V13	R14466.....	P15	R14722.....	N10	R14794.....	U10		
C14722.....	V11	CR14802.....	B11	Q14733.....	U17	R14469.....	S15	R14723.....	O05	R14796.....	U16		
C14724.....	V12	CR14808.....	A15	Q14734.....	U14	R14470.....	O15	R14724.....	N06	R14798.....	U10		
C14725.....	V12	CR14810.....	B10	Q14735.....	V14	R14471.....	I15	R14726.....	O07	R14799.....	U10		
C14738.....	U11	CR14811.....	C10	Q14736.....	U13	R14501.....	T20	R14730.....	V13	R14811.....	A09		
C14740.....	V11	CR14812.....	C11	Q14738.....	U11	R14502.....	S19	R14732.....	V11	R14812.....	A10		

SECTION 7: COMPONENT LOCATION GUIDES

Deflection/Power Supply ver.G Circuit Board (1553100B) (Top Side)

C14101.....CC29	C14714.....NN09	CR14505.....QQ22	FB14713.....DD07	JW14505.....PP21	N/A5.....AA01	R14460.....QQ12
C14103.....BB25	C14715.....NN07	CR14507.....RR19	FB14714.....DD06	JW14506.....PP22	N/A7.....VV05	R14463.....RR14
C14104.....CC25	C14716.....MM08	CR14509.....PP21	FB14715.....MM07	JW14507.....LL21	N/A8.....AA06	R14464.....NN14
C14105.....FF20	C14717.....OO07	CR14510.....PP21	FB14716.....MM04	JW14508.....UU19	Q14100.....AA29	R14465.....SS16
C14106.....CC20	C14718.....KK09	CR14512.....NN20	FB14801.....HH10	JW14601.....RR27	Q14101.....CC28	R14467.....TT16
C14107.....II22	C14719.....CC08	CR14513.....MM21	FB14802.....GG10	JW14602.....KK26	Q14103.....DD28	R14468.....TT16
C14108.....GG19	C14721.....TT08	CR14601.....TT25	J14101.....HH17	JW14603.....PP24	Q14106.....HH25	R14505.....OO19
C14109.....CC25	C14723.....SS06	CR14602.....OO22	J14102.....RR17	JW14604.....PP23	Q14250.....OO29	R14506.....OO18
C14110.....CC21	C14726.....UU14	CR14603.....QQ24	J14103.....KK30	JW14605.....RR26	Q14440.....DD20	R14507.....RR18
C14111.....EE18	C14727.....KK12	CR14604.....LL23	J14104.....GG30	JW14606.....SS22	Q14451.....LL16	R14508.....NN19
C14112.....DD29	C14728.....MM06	CR14605.....KK23	J14201.....UU29	JW14607.....TT25	Q14452.....TT16	R14510.....PP17
C14113.....CC29	C14729.....MM03	CR14606.....KK25	J14402.....VV20	JW14608.....JJ25	Q14454.....RR14	R14511.....NN18
C14120.....EE29	C14730.....SS07	CR14607.....OO24	J14403.....II15	JW14609.....SS24	Q14455.....PP15	R14512.....RR18
C14121.....EE28	C14731.....UU13	CR14608.....OO27	J14405.....II04	JW14610.....SS24	Q14456.....PP15	R14513.....RR18
C14126.....DD21	C14732.....TT13	CR14609.....OO26	J14601.....TT23	JW14612.....OO24	Q14457.....SS15	R14517.....TT20
C14127.....RR25	C14734.....MM20	CR14610.....PP25	J14901.....VV07	JW14701.....KK07	Q14504.....UU18	R14520.....OO20
C14128.....GG20	C14735.....TT13	CR14611.....OO25	JW14101.....II21	JW14702.....TT17	Q14601.....KK26	R14522.....PP18
C14131.....HH20	C14736.....UU16	CR14612.....QQ24	JW14102.....II23	JW14703.....MM18	Q14602.....II26	R14523.....TT20
C14133.....CC30	C14737.....LL21	CR14613.....HH26	JW14103.....GG25	JW14704.....VV09	Q14603.....JJ25	R14524.....PP20
C14135.....FF19	C14739.....TT13	CR14614.....II26	JW14104.....JJ31	JW14705.....VV11	Q14604.....PP29	R14525.....TT19
C14136.....FF21	C14742.....VV16	CR14615.....II26	JW14105.....SS22	JW14706.....LL19	Q14605.....RR24	R14526.....UU21
C14140.....MM27	C14751.....JJ06	CR14620.....RR23	JW14106.....SS22	JW14707.....LL08	Q14607.....SS26	R14529.....TT19
C14141.....RR29	C14752.....CC04	CR14621.....SS23	JW14107.....HH18	JW14708.....FF10	Q14608.....SS25	R14601.....LL23
C14200.....OO31	C14756.....BB07	CR14701.....II05	JW14108.....II17	JW14709.....II10	Q14700.....LL07	R14602.....LL25
C14202.....RR30	C14757.....HH09	CR14703.....NN01	JW14109.....UU18	JW14710.....SS06	Q14701.....LL04	R14603.....JJ24
C14203.....JJ30	C14759.....AA07	CR14704.....JJ02	JW14110.....NN17	JW14711.....UU20	Q14703.....NN06	R14604.....JJ25
C14204.....HH25	C14760.....CC06	CR14707.....KK04	JW14111.....HH16	JW14713.....JJ03	Q14704.....MM07	R14605.....JJ26
C14205.....II27	C14762.....CC05	CR14708.....KK05	JW14112.....HH16	JW14714.....BB05	Q14730.....TT07	R14606.....II26
C14207.....FF31	C14764.....EE06	CR14709.....SS08	JW14113.....HH16	JW14715.....JJ13	Q14731.....TT10	R14607.....KK23
C14208.....II29	C14765.....EE06	CR14710.....SS07	JW14114.....II13	JW14716.....MM20	Q14737.....KK19	R14608.....JJ24
C14209.....UU26	C14777.....DD05	CR14713.....MM12	JW14115.....QQ28	JW14717.....II11	Q14750.....GG04	R14609.....OO25
C14250.....OO28	C14800.....DD09	CR14747.....VV07	JW14116.....GG20	JW14718.....FF10	Q14751.....DD07	R14611.....II25
C14450.....KK16	C14801.....HH12	CR14748.....TT13	JW14119.....DD26	JW14721.....JJ10	Q14800.....CC13	R14612.....NN23
C14452.....QQ10	C14802.....DD12	CR14750.....TT08	JW14120.....II17	JW14722.....KK06	Q14801.....DD11	R14613.....NN23
C14453.....MM13	C14803.....BB12	CR14751.....HH08	JW14121.....JJ21	JW14758.....UU15	Q14802.....BB13	R14614.....NN22
C14454.....NN13	C14804.....CC11	CR14752.....CC07	JW14122.....HH23	JW14759.....FF06	Q14803.....AA09	R14615.....SS23
C14455.....OO13	C14805.....DD15	CR14753.....CC05	JW14123.....GG18	JW14760.....GG07	Q14804.....BB09	R14618.....KK25
C14456.....LL14	C14806.....CC15	CR14755.....CC08	JW14124.....EE27	JW14761.....HH07	Q14806.....BB15	R14619.....PP23
C14457.....RR12	C14807.....CC10	CR14757.....BB06	JW14125.....VV14	JW14763.....FF13	Q14807.....CC16	R14625.....PP28
C14458.....SS14	C14808.....BB14	CR14758.....BB05	JW14126.....DD30	JW14764.....FF13	Q14808.....BB14	R14627.....QQ25
C14460.....QQ14	C14809.....HH10	CR14803.....BB13	JW14127.....KK31	JW14767.....FF09	Q14809.....BB17	R14629.....SS24
C14461.....MM03	C14810.....JJ18	CR14804.....HH10	JW14128.....CC19	JW14768.....FF09	R14100.....CC31	R14630.....QQ26
C14462.....KK16	C14811.....GG16	CR14805.....CC10	JW14201.....NN27	JW14801.....RR16	R14101.....BB19	R14632.....UU24
C14463.....PP12	C14813.....EE15	CR14807.....CC09	JW14202.....HH29	JW14802.....FF16	R14103.....DD26	R14688.....UU19
C14501.....QQ21	C14815.....DD12	CR14809.....DD15	JW14203.....HH28	JW14803.....FF16	R14104.....HH20	R14689.....UU15
C14502.....RR20	C14901.....PP07	CR14813.....EE15	JW14204.....UU24	JW14804.....FF11	R14105.....HH27	R14697.....GG03
C14503.....TT20	C14903.....RR07	CR14900.....OO06	JW14205.....UU25	JW14805.....BB12	R14106.....CC31	R14698.....GG03
C14505.....OO18	C14905.....OO07	CR14901.....PP05	JW14206.....UU25	JW14806.....DD10	R14109.....BB19	R14699.....GG03
C14506.....NN21	CR14102.....KK24	CR14902.....OO10	JW14301.....RR16	JW14807.....MM19	R14111.....AA19	R14700.....TT05
C14601.....KK23	CR14103.....BB22	CR14903.....RR06	JW14302.....RR16	JW14808.....CC16	R14114.....DD26	R14701.....II02
C14602.....KK24	CR14104.....EE29	FI4200.....TT31	JW14303.....MM16	JW14901.....QQ06	R14115.....GG29	R14702.....TT02
C14603.....KK25	CR14105.....AA27	FB14101.....CC27	JW14401.....MM18	JW14902.....JJ13	R14116.....GG22	R14703.....JJ01
C14604.....LL24	CR14107.....DD30	FB14102.....BB22	JW14402.....PP14	K14250.....MM29	R14117.....CC30	R14704.....GG07
C14605.....KK26	CR14108.....CC30	FB14103.....BB22	JW14403.....RR15	K14401.....SS12	R14118.....EE28	R14706.....MM06
C14606.....NN23	CR14110.....EE20	FB14104.....HH21	JW14404.....QQ08	K14402.....DD18	R14119.....EE27	R14707.....GG03
C14609.....QQ23	CR14112.....HH22	FB14105.....HH22	JW14405.....QQ08	L14103.....HH28	R14120.....DD28	R14708.....NN08
C14610.....OO23	CR14113.....II19	FB14107.....CC28	JW14406.....RR10	L14200.....PP31	R14122.....EE26	R14709.....MM06
C14611.....QQ27	CR14115.....CC25	FB14108.....II19	JW14407.....RR11	L14201.....MM30	R14136.....SS26	R14710.....NN10
C14612.....PP26	CR14117.....EE25	FB14109.....II19	JW14408.....II11	L14203.....SS30	R14138.....AA24	R14711.....MM09
C14613.....PP25	CR14120.....EE25	FB14110.....EE25	JW14409.....CC19	L14301.....MM16	R14139.....II23	R14712.....NN07
C14614.....KK27	CR14121.....EE29	FB14111.....DD25	JW14410.....EE20	L14451.....RR10	R14201.....UU27	R14713.....NN07
C14616.....LL23	CR14122.....DD25	FB14451.....KK14	JW14412.....DD16	L14454.....HH14	R14202.....VV26	R14714.....LL09
C14700.....RR05	CR14128.....CC28	FB14701.....FF06	JW14413.....KK17	L14455.....RR08	R14253.....PP28	R14715.....LL09
C14701.....KK03	CR14129.....GG20	FB14702.....SS07	JW14414.....LL17	L14456.....PP09	R14304.....MM15	R14716.....LL09
C14702.....MM05	CR14131.....II20	FB14703.....TT07	JW14451.....KK14	L14500.....QQ20	R14305.....MM16	R14721.....JJ11
C14703.....II05	CR14201.....JJ29	FB14704.....MM12	JW14452.....JJ15	L14501.....OO20	R14440.....CC19	R14725.....QQ05
C14704.....JJ08	CR14250.....NN28	FB14705.....MM13	JW14453.....JJ16	L14601.....OO22	R14449.....RR15	R14727.....QQ06
C14706.....JJ05	CR14452.....LL12	FB14707.....II04	JW14454.....MM18	L14602.....PP27	R14451.....OO11	R14728.....QQ07
C14707.....BB04	CR14453.....OO12	FB14708.....II05	JW14455.....II13	L14760.....FF09	R14452.....TT14	R14729.....VV09
C14708.....II02	CR14455.....TT17	FB14709.....NN01	JW14501.....PP19	L14775.....DD02	R14454.....SS16	R14731.....TT13
C14711.....MM10	CR14460.....QQ12	FB14710.....MM01	JW14502.....PP18	L14801.....GG15	R14456.....RR11	R14735.....UU06
C14712.....LL08	CR14501.....PP20	FB14711.....GG08	JW14503.....MM21	N/A1.....VV01	R14458.....SS16	R14736.....SS09
C14713.....LL10	CR14502.....SS19	FB14712.....HH08	JW14504.....NN20	N/A2.....VV32	R14459.....HH14	R14737.....JJ19

SECTION 7: COMPONENT LOCATION GUIDES**Deflection/Power Supply ver.G Circuit Board (1553100B) (Top Side)**

R14739.....VV09	R14778.....EE05	R14826.....DD13	R14910.....TT06	TP14103.....GG19	TP14601.....KK26	U14100.....AA24
R14747.....TT12	R14779.....CC03	R14829.....BB16	R14911.....TT06	TP14104.....JJ21	TP14701.....UU05	U14101.....AA21
R14748.....BB06	R14780.....EE02	R14830.....AA16	RT14202.....KK31	TP14105.....RR27	TP14704.....CC06	U14102.....HH24
R14751.....UU17	R14787.....TT15	R14831.....CC15	RT14250.....LL28	TP14106.....HH19	TP14705.....LL07	U14104.....RR26
R14752.....JJ07	R14801.....EE10	R14834.....DD16	RT14501.....QQ22	TP14107.....PP29	TP14706.....DD07	U14301.....VV17
R14755.....BB04	R14802.....AA08	R14835.....BB11	RT14502.....LL21	TP14108.....TT24	TP14707.....NN06	U14501.....PP19
R14756.....CC08	R14803.....DD10	R14837.....EE16	RT14601.....PP24	TP14109.....QQ24	TP14708.....II04	U14601.....MM23
R14757.....FF09	R14804.....CC12	R14838.....BB14	RT14602.....PP29	TP14110.....BB29	TP14709.....TT04	U14603.....NN23
R14758.....FF02	R14805.....DD10	R14839.....BB15	T14100.....CC24	TP14111.....II23	TP14710.....KK06	U14701.....JJ02
R14762.....CC07	R14806.....FF14	R14841.....CC17	T14101.....FF25	TP14201.....HH29	TP14801.....EE14	U14702.....TT11
R14764.....CC06	R14807.....DD12	R14845.....TT17	T14300.....NN15	TP14202.....DD31	TP14802.....OO14	U14711.....NN07
R14765.....TT14	R14808.....CC13	R14846.....DD15	T14451.....KK14	TP14301.....RR15	TP14803.....RR14	U14732.....LL20
R14766.....KK03	R14809.....DD13	R14900.....OO06	T14600.....LL24	TP14501.....OO18	TP14804.....BB13	U14750.....FF04
R14767.....AA02	R14810.....AA08	R14901.....OO07	T14700.....QQ03	TP14502.....OO19	TP14805.....BB10	U14751.....BB07
R14768.....TT03	R14815.....DD14	R14902.....OO08	T14751.....HH07	TP14503.....PP20	TP14806.....AA08	U14775.....DD04
R14774.....LL01	R14818.....JJ19	R14903.....QQ05	T14800.....GG14	TP14504.....MM20	TP14807.....EE16	
R14776.....EE02	R14821.....BB08	R14904.....PP06	TP14101.....EE20	TP14505.....VV20	TP14808.....DD16	
R14777.....EE02	R14824.....BB10	R14905.....PP06	TP14102.....FF17	TP14506.....TT11	TP14809.....II10	

SECTION 7: COMPONENT LOCATION GUIDES

I/O ver.G Circuit Board (1552386A) (Bottom Side)

C11310.....	L23	C13242.....	M13	C22418.....	H23	R11312.....	J22	R11922.....	E12	R13318.....	B21	R18506.....	I28
C11413.....	M16	C13301.....	C22	C22420.....	H23	R11317.....	B03	R11926.....	D07	R13319.....	B21	R18507.....	I27
C11416.....	M14	C13302.....	C21	C22425.....	G22	R11319.....	J07	R11927.....	C08	R13329.....	D23	R18508.....	I26
C11417.....	K30	C13312.....	C21	C22434.....	F16	R11320.....	J09	R11932.....	C12	R16500.....	J31	R18509.....	J28
C11418.....	K29	C16506.....	H26	C38201.....	I17	R11322.....	J10	R11933.....	E13	R16501.....	K31	R18510.....	K28
C11419.....	K31	C16507.....	G30	C38301.....	G13	R11323.....	J11	R11936.....	F07	R16502.....	H28	R18511.....	J27
C11420.....	J30	C18107.....	D30	C38302.....	G12	R11324.....	L22	R11937.....	E05	R16503.....	K26	R22306.....	E19
C11421.....	J29	C18108.....	D30	C38303.....	G14	R11325.....	J23	R11938.....	C03	R16504.....	J28	R22309.....	D17
C11422.....	J29	C18110.....	E31	C38304.....	H15	R11326.....	K22	R11939.....	F06	R16505.....	H28	R22313.....	E18
C11423.....	L27	C18112.....	E30	C38308.....	H18	R11327.....	K08	R11944.....	F09	R16507.....	F27	R22315.....	D18
C11425.....	H12	C18113.....	E30	C38312.....	I14	R11328.....	K07	R11945.....	F10	R16508.....	F28	R22316.....	D18
C11437.....	J12	C18114.....	D29	C38313.....	I14	R11329.....	K11	R11946.....	G09	R16509.....	G27	R22323.....	C15
C11438.....	I26	C18116.....	D29	C38314.....	G16	R11330.....	K11	R11947.....	H10	R16510.....	F30	R22324.....	C15
C11440.....	K26	C18117.....	D28	C41275.....	C13	R11331.....	J23	R11949.....	C09	R16511.....	F27	R22328.....	B18
C11449.....	L23	C18118.....	E29	C41278.....	C13	R11336.....	J08	R11950.....	F06	R16512.....	F27	R22329.....	B18
C11504.....	F09	C18119.....	D29	CR11902.....	F09	R11415.....	M25	R11951.....	F06	R16514.....	H26	R22330.....	D16
C11707.....	H07	C18120.....	D30	CR11903.....	G09	R11417.....	M28	R11952.....	G10	R16515.....	K28	R22331.....	D16
C11708.....	F08	C18121.....	D30	CR11904.....	D09	R11422.....	L25	R13104.....	D23	R16516.....	K27	R22332.....	D16
C11709.....	G07	C18122.....	D29	CR11905.....	D09	R11424.....	L24	R13105.....	B24	R16518.....	G26	R22334.....	D14
C11710.....	G07	C18123.....	B28	CR11908.....	F07	R11425.....	L24	R13106.....	C24	R16519.....	G26	R22339.....	C17
C11712.....	G10	C18125.....	C28	CR11910.....	D08	R11429.....	L23	R13107.....	B25	R16520.....	G28	R22341.....	D20
C11810.....	I09	C18126.....	B27	CR11911.....	D07	R11430.....	M27	R13110.....	D21	R16521.....	G27	R22357.....	E19
C11813.....	I09	C18127.....	D29	CR13102.....	E21	R11431.....	M26	R13111.....	B23	R16522.....	G27	R22360.....	E26
C11815.....	I09	C18128.....	D28	CR13103.....	E21	R11432.....	M27	R13112.....	D25	R16524.....	I31	R22367.....	B16
C11841.....	I11	C18129.....	D31	CR13201.....	D21	R11433.....	M27	R13113.....	B25	R16525.....	I28	R22372.....	B16
C11909.....	D12	C18130.....	E30	CR16502.....	H31	R11434.....	M15	R13115.....	B25	R16527.....	H27	R22377.....	B15
C11911.....	C09	C18132.....	D30	CR16503.....	H30	R11436.....	M14	R13120.....	C22	R16533.....	G29	R22405.....	I22
C11915.....	E07	C18134.....	C30	CR16508.....	H31	R11441.....	M28	R13121.....	B25	R16535.....	G30	R22406.....	I22
C11916.....	E10	C18135.....	C31	CR16516.....	J24	R11450.....	K30	R13126.....	D24	R16536.....	G30	R22407.....	I23
C11918.....	D07	C18146.....	B30	CR16517.....	J24	R11451.....	K31	R13128.....	D22	R16537.....	G30	R22408.....	I23
C11919.....	E10	C18147.....	C29	CR22301.....	C17	R11452.....	J30	R13131.....	B25	R16554.....	G31	R22409.....	I24
C11921.....	F06	C18149.....	C29	CR22401.....	G21	R11453.....	J29	R13134.....	B22	R16555.....	J24	R22410.....	I24
C11923.....	D08	C18152.....	C29	CR22402.....	G21	R11454.....	J30	R13135.....	B22	R16556.....	H26	R22411.....	F16
C11924.....	C08	C18153.....	C29	CR22403.....	G20	R11455.....	K29	R13136.....	B21	R16559.....	F31	R22412.....	F16
C11926.....	E10	C18154.....	C28	CR22405.....	G15	R11456.....	K30	R13138.....	C23	R16563.....	F30	R22448.....	G18
C11927.....	B09	C18157.....	B28	CR22406.....	G22	R11457.....	J29	R13139.....	C25	R16565.....	J24	R22449.....	I22
C11935.....	C09	C18158.....	C29	CR22407.....	H20	R11458.....	J30	R13141.....	C24	R16573.....	H28	R22453.....	H23
C11938.....	C07	C18159.....	C30	CR38217.....	K17	R11459.....	I29	R13142.....	C24	R16574.....	H27	R22460.....	H22
C11939.....	B08	C18160.....	C28	CR38219.....	K19	R11460.....	L17	R13145.....	C25	R16575.....	H27	R22461.....	H22
C11942.....	I11	C18161.....	C28	CR38301.....	H15	R11461.....	L19	R13160.....	D22	R18101.....	C32	R22462.....	H22
C11943.....	B07	C18162.....	D28	CR41121.....	A02	R11462.....	L14	R13161.....	B24	R18105.....	B31	R22463.....	H24
C11944.....	B05	C18163.....	C28	FB13201.....	G05	R11463.....	M15	R13162.....	C25	R18108.....	D29	R22464.....	H24
C11945.....	I10	C18164.....	C28	FB13220.....	M13	R11464.....	K29	R13163.....	B24	R18109.....	E28	R22469.....	H23
C11946.....	I10	C18165.....	B26	FB18103.....	D31	R11465.....	K30	R13165.....	E25	R18110.....	E29	R38200.....	H14
C11948.....	C05	C18167.....	C30	FB18105.....	D31	R11469.....	J13	R13167.....	B23	R18111.....	D28	R38210.....	J15
C11953.....	B07	C18169.....	B29	FB18106.....	D30	R11472.....	I12	R13168.....	D21	R18112.....	C30	R38211.....	J15
C13102.....	C24	C18173.....	B31	JC22302.....	D15	R11474.....	I12	R13169.....	D23	R18114.....	B30	R38212.....	J14
C13104.....	C22	C22312.....	D17	JC38306.....	H15	R11478.....	I13	R13172.....	B23	R18115.....	B28	R38213.....	J17
C13106.....	C23	C22313.....	D16	JC38307.....	D18	R11480.....	I13	R13173.....	B23	R18116.....	B27	R38214.....	J18
C13107.....	C23	C22314.....	D15	JC38308.....	H19	R11491.....	I25	R13176.....	B22	R18117.....	C27	R38215.....	J18
C13109.....	B24	C22315.....	D16	JC38309.....	H19	R11492.....	J26	R13181.....	D22	R18119.....	D27	R38245.....	H14
C13113.....	C21	C22318.....	B17	L13204.....	D21	R11495.....	J26	R13182.....	E21	R18120.....	D28	R38246.....	H14
C13114.....	C23	C22320.....	C15	Q11905.....	F09	R11496.....	K26	R13187.....	E25	R18121.....	C28	R38248.....	I16
C13115.....	C25	C22321.....	D18	Q11907.....	F09	R11509.....	F08	R13195.....	C23	R18122.....	C28	R38255.....	K17
C13116.....	D21	C22322.....	D15	Q11908.....	H10	R11702.....	G10	R13196.....	B24	R18123.....	C28	R38256.....	K19
C13117.....	B21	C22325.....	D17	Q11909.....	G10	R11703.....	G09	R13197.....	B24	R18124.....	D28	R38306.....	G15
C13119.....	B22	C22326.....	D17	Q13109.....	B21	R11717.....	G10	R13198.....	D25	R18127.....	B30	R38307.....	H15
C13132.....	C20	C22329.....	D17	Q18103.....	C27	R11728.....	I10	R13200.....	D24	R18128.....	B31	R38310.....	I15
C13138.....	E25	C22330.....	D17	Q18104.....	D28	R11733.....	J11	R13201.....	B25	R18138.....	C29	R38333.....	I15
C13163.....	C21	C22331.....	D18	Q18107.....	B29	R11736.....	G07	R13212.....	D22	R18139.....	B28	R38335.....	I15
C13166.....	B23	C22336.....	D26	Q18108.....	B30	R11737.....	G08	R13220.....	B25	R18140.....	B29	R38337.....	G14
C13167.....	D22	C22337.....	E27	Q18111.....	B29	R11739.....	H08	R13262.....	B25	R18141.....	B31	R38338.....	I18
C13168.....	B24	C22340.....	C18	Q18112.....	B31	R11740.....	F11	R13263.....	C25	R18142.....	B32	R38340.....	I16
C13169.....	B25	C22349.....	B16	Q22318.....	C16	R11741.....	H08	R13265.....	B25	R18143.....	B30	R38341.....	I17
C13170.....	C24	C22350.....	B15	Q22319.....	C16	R11812.....	F09	R13269.....	B25	R18144.....	B30	R38343.....	I17
C13171.....	C23	C22355.....	E19	Q22320.....	C16	R11900.....	E09	R13277.....	B25	R18145.....	B30	R38365.....	H15
C13172.....	B24	C22401.....	F16	Q22414.....	H22	R11901.....	E12	R13281.....	B25	R18146.....	E28	R38371.....	I19
C13214.....	D21	C22409.....	H19	Q38314.....	I18	R11902.....	F11	R13287.....	D22	R18147.....	C30	R41278.....	D13
C13215.....	D21	C22410.....	G18	R11301.....	J08	R11915.....	F10	R13290.....	B22	R18148.....	F25	R41282.....	B12
C13219.....	E25	C22412.....	G15	R11304.....	J09	R11916.....	E12	R13291.....	B22	R18149.....	G25		
C13227.....	B25	C22414.....	F14	R11309.....	J10	R11917.....	E12	R13292.....	G05	R18503.....	I31		
C13229.....	G25	C22415.....	F15	R11310.....	J11	R11918.....	E12	R13301.....	C21	R18504.....	J31		
C13240.....	E03	C22416.....	G15	R11311.....	L22	R11921.....	E12	R13302.....	C22	R18505.....	K31		

SECTION 7: COMPONENT LOCATION GUIDES

I/O ver.G Circuit Board (1552386A) (Top Side)

C11300.....JJ10	C11908.....BB10	C13239.....GG03	C22319.....CC17	CR11501.....FF08	J13107.....AA21	L22307.....DD14
C11301.....JJ11	C11910.....DD09	C13243.....FF22	C22323.....DD18	CR11502.....FF08	J13200.....MM13	L38300.....II14
C11302.....LL21	C11912.....DD08	C13307.....BB21	C22324.....EE18	CR11503.....FF09	J13201.....AA25	Q11300.....II08
C11303.....KK21	C11913.....CC10	C16500.....HH30	C22327.....EE17	CR11700.....FF11	J13202.....AA30	Q11301.....JJ09
C11304.....JJ08	C11914.....BB10	C16501.....HH32	C22328.....BB18	CR11801.....GG08	J13203.....II05	Q11302.....JJ09
C11305.....JJ09	C11917.....DD09	C16502.....HH30	C22332.....CC15	CR11802.....GG09	J13204.....II01	Q11303.....JJ08
C11306.....II08	C11920.....DD07	C16503.....HH31	C22333.....CC15	CR11906.....HH11	J13205.....AA23	Q11304.....KK21
C11308.....II07	C11922.....DD07	C16504.....HH28	C22334.....CC15	CR11907.....FF06	J13206.....JJ05	Q11305.....KK22
C11400.....LL21	C11925.....CC08	C16505.....HH27	C22335.....CC14	CR11909.....CC03	J13207.....EE22	Q11306.....JJ10
C11401.....LL12	C11928.....EE13	C16508.....GG31	C22338.....CC16	CR13101.....DD25	J16500.....FF29	Q11307.....JJ11
C11402.....LL13	C11929.....EE11	C16509.....HH29	C22339.....BB16	CR16500.....HH29	J16501.....LL29	Q11308.....JJ09
C11403.....MM17	C11930.....CC12	C16510.....HH25	C22341.....CC15	CR16501.....HH26	J16502.....II29	Q11401.....LL21
C11404.....LL17	C11931.....FF12	C16511.....GG26	C22342.....BB15	CR16504.....HH27	J16503.....KK29	Q11402.....LL22
C11405.....KK25	C11932.....FF12	C16512.....GG28	C22343.....CC15	CR16505.....HH28	J16504.....CC33	Q11403.....LL22
C11406.....LL26	C11933.....CC11	C16513.....FF32	C22344.....BB15	CR16506.....HH26	J16507.....EE33	Q11701.....JJ07
C11407.....LL25	C11934.....BB07	C16514.....HH32	C22345.....CC16	CR16507.....HH29	J16508.....FF33	Q11702.....JJ07
C11408.....LL26	C11936.....DD09	C16515.....HH26	C22346.....CC16	CR16509.....GG32	J16511.....GG33	Q11901.....EE12
C11409.....MM25	C11937.....DD08	C16516.....GG26	C22347.....CC15	CR16511.....FF31	J22300.....AA14	Q11902.....EE12
C11410.....KK24	C11940.....EE05	C16517.....HH27	C22348.....EE26	CR18103.....DD27	J22325.....AA16	Q11903.....HH10
C11414.....LL19	C11941.....CC03	C16518.....HH29	C22351.....CC17	CR22303.....CC17	J22401.....II23	Q11904.....BB03
C11415.....LL19	C11947.....BB06	C16519.....FF30	C22352.....BB18	CR22404.....GG18	J22402.....FF12	Q11906.....HH10
C11424.....LL22	C11950.....FF06	C16520.....FF31	C22353.....BB17	CR38200.....JJ17	J22403.....FF21	Q13101.....EE23
C11426.....II12	C11951.....FF06	C16521.....FF32	C22354.....BB18	CR38201.....JJ17	J38200.....KK15	Q13103.....EE24
C11427.....II12	C11952.....BB10	C16522.....HH29	C22356.....II20	CR38202.....JJ18	J38201.....KK18	Q13104.....EE22
C11428.....MM26	C13101.....EE23	C16526.....GG32	C22402.....GG21	CR38203.....JJ18	J38301.....MM21	Q13105.....BB23
C11429.....II13	C13103.....AA20	C16527.....HH32	C22403.....GG21	CR38204.....JJ18	J41125.....AA02	Q13106.....BB25
C11430.....II12	C13105.....EE24	C18100.....CC32	C22404.....HH20	CR38205.....JJ19	J41126.....AA03	Q13107.....CC25
C11431.....HH12	C13108.....AA26	C18101.....BB32	C22405.....EE18	CR38206.....JJ15	J41275.....AA12	Q13108.....BB23
C11432.....HH12	C13110.....BB24	C18102.....BB31	C22406.....EE17	CR38207.....JJ14	J41276.....AA04	Q13201.....HH04
C11433.....HH11	C13111.....BB24	C18103.....BB32	C22407.....EE19	CR38208.....JJ16	JC22301.....EE16	Q13202.....EE04
C11434.....HH12	C13112.....BB23	C18104.....BB31	C22408.....EE18	CR38209.....JJ15	JC38201.....JJ19	Q13203.....DD04
C11435.....HH13	C13118.....AA20	C18105.....CC31	C22411.....GG19	CR38210.....JJ16	JC38202.....KK19	Q13204.....DD03
C11436.....II12	C13120.....EE24	C18106.....CC31	C22413.....GG15	CR38211.....JJ17	JC38301.....HH14	Q13205.....HH05
C11439.....KK22	C13121.....EE24	C18109.....DD31	C22417.....HH24	CR38212.....KK17	JC38302.....GG14	Q13206.....GG05
C11441.....MM24	C13123.....DD22	C18111.....DD31	C22419.....GG23	CR38213.....KK19	JC38303.....HH16	Q13301.....BB21
C11442.....JJ13	C13124.....EE23	C18115.....DD29	C22421.....GG23	CR38214.....JJ14	JC38304.....GG16	Q16500.....GG28
C11443.....II11	C13125.....BB23	C18124.....DD27	C22422.....HH24	CR38215.....KK16	JC38305.....HH16	Q16501.....GG27
C11444.....II12	C13126.....EE25	C18131.....EE30	C22423.....II22	CR41120.....BB02	JC38310.....HH19	Q16502.....FF31
C11445.....MM26	C13128.....EE24	C18133.....DD30	C22424.....HH22	E38301.....KK22	L11900.....EE07	Q16503.....GG27
C11446.....MM26	C13130.....EE24	C18136.....BB31	C22426.....II23	FB11901.....EE07	L11901.....EE08	Q16504.....GG27
C11447.....LL26	C13131.....EE25	C18137.....BB31	C22427.....II24	FB11902.....EE06	L11902.....DD10	Q16505.....FF31
C11448.....LL26	C13133.....EE24	C18138.....BB31	C22428.....FF16	FB11903.....EE08	L11903.....EE06	Q16506.....HH32
C11501.....FF10	C13134.....DD21	C18139.....BB31	C22429.....FF16	FB11904.....DD07	L11904.....CC07	Q16508.....HH25
C11502.....FF08	C13144.....EE23	C18140.....CC31	C22430.....FF16	FB13101.....BB21	L11905.....BB08	Q16509.....FF31
C11503.....FF08	C13147.....EE25	C18141.....BB30	C22431.....FF17	FB13202.....HH05	L11906.....CC06	Q16510.....FF30
C11518.....HH09	C13201.....II04	C18142.....BB30	C22432.....FF17	FB13203.....HH05	L11907.....BB06	Q18100.....CC32
C11519.....HH10	C13202.....HH04	C18143.....BB30	C22433.....FF17	FB13204.....JJ04	L11908.....EE11	Q18101.....CC32
C11700.....HH09	C13203.....HH04	C18144.....BB30	C38200.....JJ17	FB13205.....GG01	L11909.....DD07	Q18102.....BB28
C11701.....HH08	C13204.....HH03	C18145.....CC30	C38210.....JJ19	FB13206.....HH02	L13105.....CC21	Q18105.....BB30
C11702.....II08	C13205.....JJ02	C18148.....CC29	C38211.....JJ18	FB13207.....HH02	L13201.....DD22	Q18106.....BB29
C11703.....GG08	C13206.....JJ02	C18150.....BB29	C38212.....JJ17	FB13208.....JJ01	L13202.....DD21	Q18109.....BB29
C11704.....FF11	C13207.....JJ02	C18151.....BB30	C38213.....JJ15	FB13209.....GG01	L13203.....DD21	Q18110.....BB29
C11705.....FF08	C13208.....DD21	C18155.....BB28	C38214.....JJ15	FB13210.....II02	L13205.....EE25	Q18113.....FF26
C11706.....II07	C13209.....DD22	C18156.....BB29	C38215.....JJ16	FB13211.....II02	L13207.....EE02	Q22301.....CC16
C11711.....GG09	C13210.....DD22	C18166.....CC30	C38216.....HH17	FB13212.....JJ01	L13208.....GG04	Q22302.....BB16
C11805.....II11	C13211.....DD21	C18168.....AA27	C38300.....HH14	FB13213.....FF05	L18100.....CC32	Q22303.....BB17
C11806.....II11	C13212.....DD22	C18170.....BB27	C38305.....II15	FB13214.....JJ04	L18101.....BB32	Q22304.....CC16
C11807.....GG11	C13213.....DD22	C18171.....DD27	C38306.....HH16	FB13215.....JJ04	L18102.....BB32	Q22306.....BB15
C11808.....JJ09	C13220.....HH06	C18172.....EE32	C38307.....II15	FB13216.....FF05	L18103.....BB31	Q22307.....EE19
C11809.....JJ09	C13221.....HH05	C22300.....BB14	C38309.....II19	FB18100.....EE30	L18104.....BB31	Q22308.....EE19
C11811.....II08	C13222.....GG06	C22301.....CC14	C38316.....II16	FB18101.....EE29	L18105.....BB30	Q22309.....EE19
C11812.....JJ10	C13223.....GG04	C22302.....FF19	C38317.....II16	FB18102.....DD31	L18106.....BB30	Q22310.....EE19
C11814.....JJ10	C13224.....HH05	C22303.....CC19	C41125.....BB02	FB18104.....DD31	L18107.....BB29	Q22311.....CC15
C11816.....JJ10	C13225.....EE01	C22304.....CC19	C41126.....BB02	FB18107.....CC28	L18108.....BB28	Q22312.....BB15
C11817.....JJ10	C13226.....FF01	C22305.....CC19	C41127.....AA03	J11300.....KK11	L18110.....EE31	Q22313.....EE18
C11900.....DD12	C13230.....JJ04	C22306.....CC19	C41128.....BB03	J11301.....KK08	L18111.....EE28	Q22314.....DD18
C11901.....BB09	C13231.....JJ03	C22307.....EE14	C41276.....BB12	J11302.....KK23	L18112.....BB28	Q22315.....CC18
C11902.....BB08	C13232.....II03	C22308.....EE16	C41279.....AA12	J11400.....LL18	L22300.....DD19	Q22316.....CC14
C11903.....FF10	C13233.....II03	C22309.....CC18	C41280.....AA13	J11401.....LL15	L22301.....CC16	Q22317.....DD19
C11904.....FF09	C13234.....HH03	C22310.....CC19	CR11301.....II08	J11402.....II12	L22302.....CC16	Q22325.....DD26
C11905.....DD13	C13235.....HH03	C22311.....BB19	CR11302.....II08	J11403.....JJ26	L22303.....CC15	Q22326.....DD26
C11906.....CC10	C13236.....FF24	C22316.....BB17	CR11303.....JJ08	J11900.....LL01	L22305.....BB18	Q22402.....EE16
C11907.....DD08	C13238.....FF04	C22317.....BB17	CR11401.....KK23	J11901.....LL10	L22306.....GG23	Q22403.....FF18

SECTION 7: COMPONENT LOCATION GUIDES

I/O ver.G Circuit Board (1552386A) (Top Side)

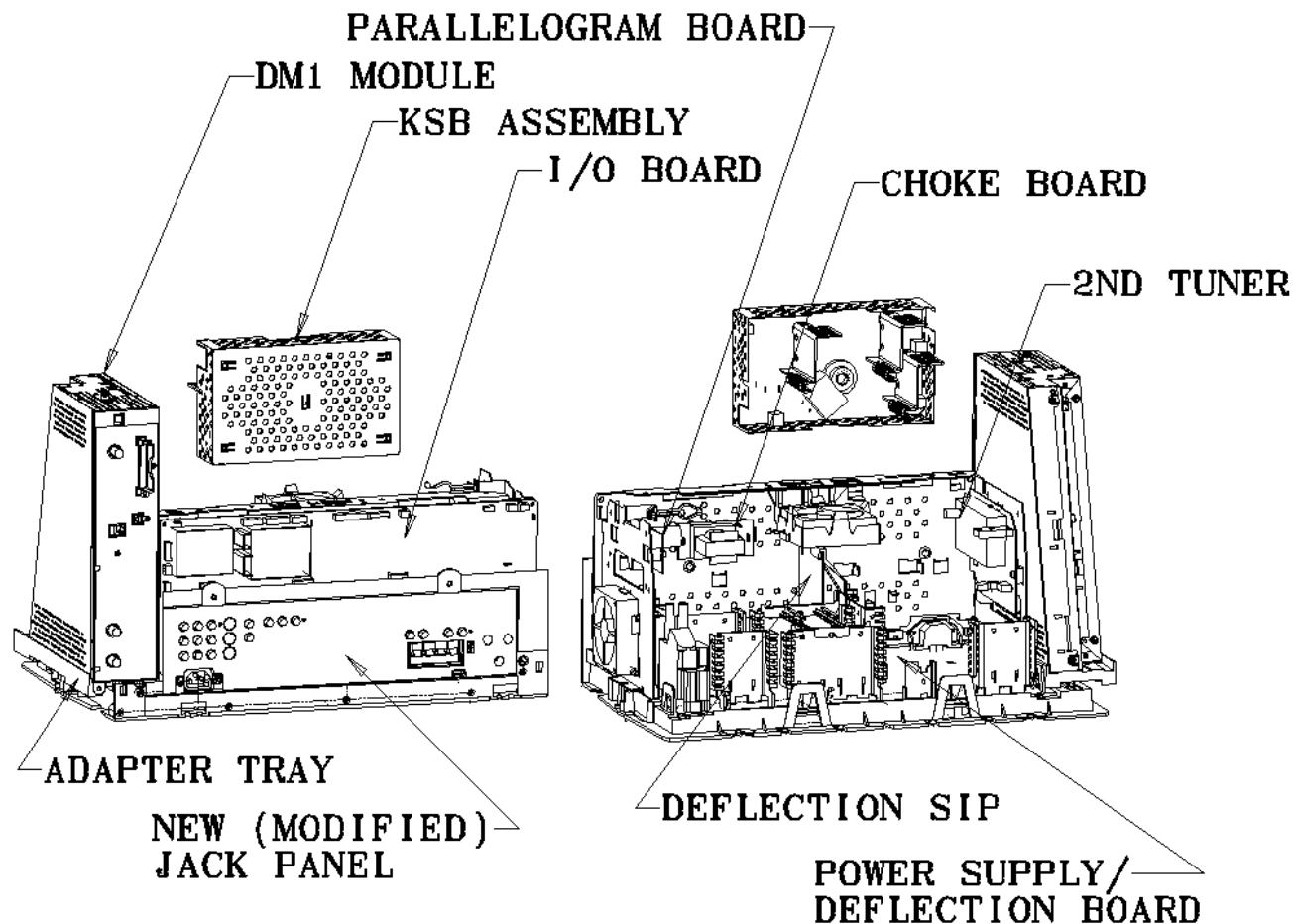
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Q22405.....FF18	R11411.....MM23	R11725.....II07	R13143.....AA19	R13253.....II03	R18118.....DD28	R22427.....FF20
Q22406.....II24	R11412.....KK23	R11726.....II07	R13144.....DD21	R13254.....II03	R18125.....CC31	R22428.....EE19
Q22407.....GG19	R11413.....MM24	R11727.....GG07	R13146.....BB25	R13255.....HH03	R18126.....BB31	R22429.....FF20
Q22408.....GG19	R11414.....MM26	R11729.....GG07	R13147.....BB25	R13256.....II02	R18129.....BB30	R22430.....FF20
Q22409.....FF17	R11416.....MM25	R11730.....GG07	R13148.....DD24	R13257.....JJ03	R18130.....CC30	R22431.....FF19
Q22410.....FF17	R11418.....KK24	R11731.....HH07	R13149.....DD24	R13258.....JJ03	R18131.....BB29	R22432.....FF15
Q22411.....FF17	R11419.....MM28	R11732.....GG07	R13150.....DD24	R13261.....FF25	R18132.....CC30	R22433.....FF15
Q22412.....HH22	R11420.....LL28	R11734.....HH07	R13151.....DD24	R13264.....AA25	R18133.....BB29	R22434.....FF14
Q22413.....HH22	R11421.....LL27	R11735.....HH07	R13152.....DD24	R13266.....AA25	R18134.....BB29	R22435.....FF14
Q22415.....HH22	R11423.....LL25	R11738.....GG10	R13153.....DD25	R13267.....AA24	R18135.....CC29	R22436.....FF14
Q22416.....FF15	R11426.....LL21	R11800.....II09	R13154.....CC25	R13268.....AA25	R18136.....BB29	R22437.....FF14
Q22417.....FF15	R11427.....LL24	R11801.....JJ09	R13155.....CC25	R13270.....II03	R18137.....BB28	R22438.....II24
Q22418.....II23	R11428.....LL24	R11802.....JJ09	R13156.....AA23	R13271.....HH04	R18502.....GG25	R22439.....FF14
Q38300.....GG15	R11435.....LL19	R11803.....HH11	R13157.....DD25	R13272.....GG04	R22300.....BB18	R22440.....FF14
Q38301.....HH16	R11437.....LL19	R11804.....II11	R13158.....BB23	R13273.....DD22	R22301.....BB17	R22441.....FF14
Q38302.....HH12	R11438.....MM24	R11805.....II11	R13159.....BB23	R13274.....DD22	R22302.....EE19	R22442.....FF14
Q38303.....HH15	R11439.....MM24	R11806.....HH11	R13164.....DD24	R13275.....DD21	R22303.....EE15	R22443.....FF16
Q38304.....HH15	R11440.....LL24	R11807.....HH11	R13166.....DD25	R13276.....AA25	R22304.....EE15	R22444.....GG14
Q38305.....HH15	R11442.....MM24	R11808.....HH11	R13170.....DD21	R13278.....AA25	R22305.....CC18	R22445.....GG14
Q38306.....II15	R11443.....LL24	R11809.....II11	R13171.....CC21	R13279.....AA24	R22307.....EE13	R22446.....GG14
Q38307.....II16	R11444.....LL24	R11810.....II11	R13174.....BB21	R13280.....AA25	R22308.....EE13	R22447.....GG14
Q38308.....GG13	R11445.....LL23	R11811.....JJ09	R13175.....DD23	R13282.....HH05	R22310.....CC18	R22450.....FF19
Q38309.....HH13	R11446.....KK24	R11813.....HH08	R13177.....BB24	R13283.....HH05	R22311.....CC14	R22451.....HH22
Q38310.....II16	R11447.....LL24	R11814.....JJ10	R13178.....EE22	R13284.....DD22	R22312.....EE18	R22452.....HH23
Q38311.....II15	R11448.....MM22	R11815.....JJ11	R13179.....EE22	R13285.....DD21	R22314.....EE19	R22454.....HH23
Q38312.....GG12	R11466.....KK21	R11816.....HH09	R13180.....DD25	R13286.....DD21	R22321.....AA19	R22455.....II24
Q38313.....II15	R11467.....KK22	R11903.....EE12	R13183.....DD23	R13289.....FF22	R22322.....BB16	R22456.....II24
Q38315.....II17	R11468.....LL22	R11904.....FF12	R13184.....EE21	R13293.....HH05	R22333.....CC14	R22457.....II22
Q38316.....GG12	R11470.....JJ13	R11905.....DD09	R13185.....EE23	R13294.....GG04	R22335.....AA14	R22458.....HH22
Q38317.....HH18	R11471.....II13	R11906.....EE09	R13186.....EE21	R13314.....CC22	R22336.....CC18	R22459.....FF15
Q38318.....II18	R11473.....II13	R11907.....EE10	R13188.....FF21	R13316.....BB22	R22337.....CC18	R22465.....GG22
Q38319.....II18	R11475.....JJ12	R11908.....DD08	R13202.....HH03	R13317.....BB22	R22338.....FF13	R22466.....GG23
Q38320.....HH18	R11476.....JJ12	R11909.....CC05	R13203.....JJ03	R13372.....CC21	R22340.....AA18	R22467.....HH22
Q38321.....HH19	R11477.....II12	R11910.....EE10	R13204.....JJ03	R16506.....HH29	R22342.....EE20	R22468.....II22
Q38322.....HH19	R11479.....JJ12	R11911.....HH10	R13205.....JJ03	R16513.....HH26	R22344.....BB17	R22470.....GG18
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Q38324.....GG17	R11482.....HH12	R11913.....EE12	R13215.....DD22	R16523.....FF31	R22346.....BB18	R38201.....JJ14
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Q38326.....GG16	R11484.....HH12	R11919.....HH09	R13217.....HH06	R16528.....GG32	R22356.....DD19	R38236.....KK19
Q38327.....EE14	R11485.....HH12	R11920.....II09	R13218.....AA24	R16529.....HH32	R22358.....EE19	R38237.....KK14
Q38328.....GG17	R11486.....HH12	R11923.....HH09	R13219.....AA24	R16530.....HH33	R22359.....DD19	R38238.....KK16
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Q41126.....BB03	R11488.....MM24	R11925.....CC10	R13222.....JJ04	R16532.....HH32	R22362.....FF27	R38240.....JJ15
Q41275.....BB12	R11489.....II12	R11928.....DD09	R13223.....II02	R16534.....FF32	R22363.....CC16	R38241.....JJ14
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R11308.....JJ10	R11505.....FF10	R11943.....FF09	R13232.....EE02	R16546.....GG28	R22374.....CC15	R38254.....JJ16
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R11335.....HH09	R11708.....HH08	R13117.....CC24	R13241.....EE02	R16560.....FF32	R22415.....FF17	R38311.....II16
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R11401.....MM26	R11710.....GG08	R13119.....CC24	R13243.....FF24	R16562.....FF30	R22417.....FF17	R38313.....HH15
R11402.....MM27	R11711.....HH08	R13122.....BB23	R13244.....FF25	R16566.....HH26	R22418.....FF17	R38314.....HH14
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R11404.....LL26	R11713.....GG07	R13127.....DD23	R13246.....HH05	R18100.....DD32	R22420.....FF17	R38316.....II16
R11405.....LL26	R11714.....HH07	R13129.....DD22	R13247.....HH05	R18102.....DD32	R22421.....II23	R38317.....II16
R11406.....MM28	R11716.....JJ07	R13130.....EE25	R13248.....FF24	R18103.....CC32	R22422.....II23	R38318.....GG15
R11407.....MM28	R11720.....FF11	R13132.....FF25	R13249.....GG24	R18104.....BB31	R22423.....GG19	R38319.....GG15
R11408.....MM28	R11722.....HH08	R13133.....CC24	R13250.....GG24	R18106.....EE29	R22424.....GG19	R38320.....HH15
R11409.....LL23	R11723.....II07	R13137.....BB23	R13251.....JJ04	R18107.....DD29	R22425.....FF18	R38321.....HH16

SECTION 7: COMPONENT LOCATION GUIDES

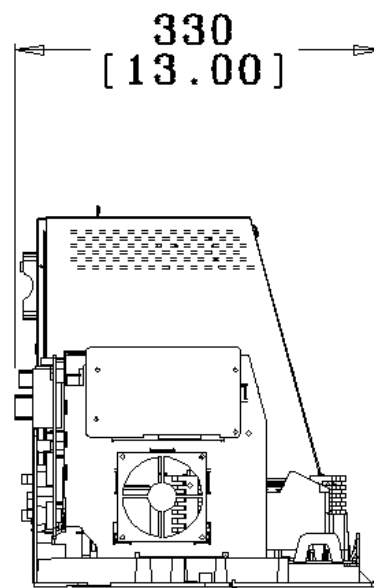
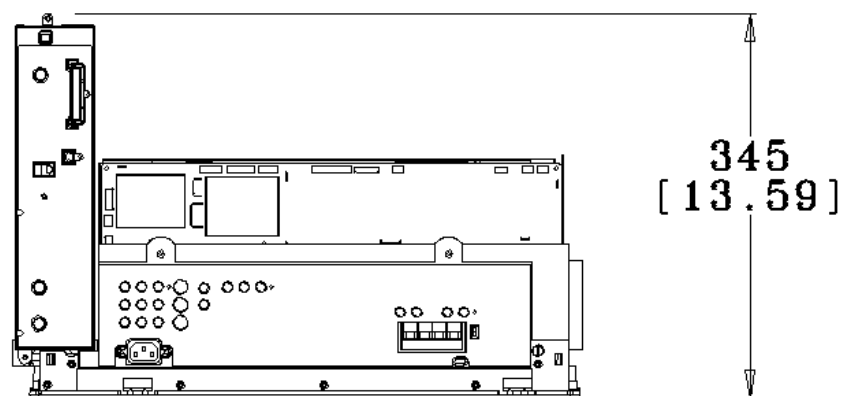
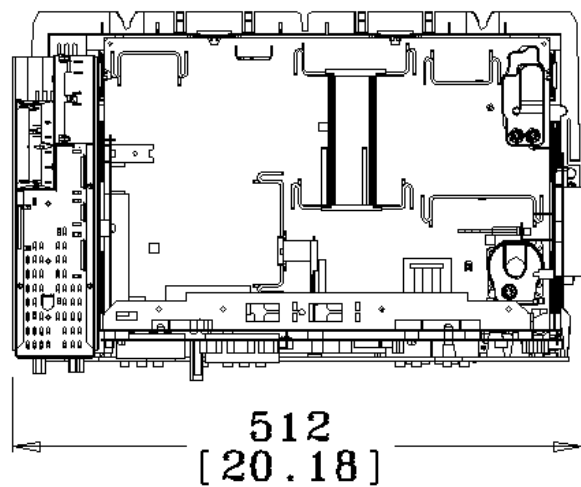
I/O ver.G Circuit Board (1552386A) (Top Side)

R38322.....GG15	R38352.....II19	R41132.....AA03	TP11702.....GG10	TP22309.....CC16	U13102.....BB22	U38300.....GG12
R38323.....HH15	R38353.....HH19	R41133.....AA20	TP11801.....GG11	TP22401.....FF16	U13103.....BB24	U38301.....HH14
R38324.....MM19	R38354.....II19	R41134.....CC02	TP11901.....AA10	TP22402.....FF16	U13201.....II03	U38302.....GG16
R38325.....HH16	R38355.....HH16	R41274.....CC13	TP11902.....CC07	TP22403.....FF16	U13203.....BB25	U38303.....HH15
R38326.....GG13	R38356.....II19	R41275.....CC13	TP11903.....EE09	TP38301.....GG18	U13204.....GG05	U38304.....II14
R38327.....HH13	R38357.....HH19	R41276.....CC11	TP11904.....FF10	TP38302.....MM20	U13205.....EE03	U38305.....HH18
R38328.....HH13	R38358.....HH19	R41277.....CC12	TP11905.....FF07	TP38303.....MM21	U13206.....GG24	U38306.....II18
R38329.....HH13	R38359.....FF16	R41279.....CC13	TP11906.....FF07	TP41101.....BB03	U16500.....HH27	U41275.....CC13
R38330.....HH13	R38360.....FF16	R41280.....BB12	TP18101.....DD32	U11301.....LL23	U16501.....GG30	WR11901.....CC08
R38331.....HH15	R38361.....HH15	R41281.....BB12	TP18102.....DD31	U11400.....LL23	U16502.....HH32	WR13101.....DD23
R38332.....II15	R38362.....HH15	R41283.....BB13	TP18103.....DD29	U11401.....MM23	U18100.....CC30	WR18101.....CC30
R38334.....II16	R38363.....HH19	R41284.....BB12	TP18104.....DD28	U11402.....MM27	U18101.....BB26	WR31601.....HH04
R38336.....II19	R38364.....HH19	R41285.....AA11	TP18105.....EE32	U11403.....JJ12	U22300.....DD16	Y13101.....BB23
R38339.....II17	R38367.....EE14	R41286.....BB13	TP18106.....CC31	U11404.....HH12	U22301.....II20	Y13201.....HH04
R38342.....II17	R38368.....EE14	R41287.....BB12	TP18107.....CC31	U11500.....FF09	U22303.....DD26	Y18100.....DD28
R38344.....HH18	R38369.....GG15	R41288.....CC12	TP22301.....BB32	U11700.....GG07	U22401.....FF16	Y22300.....EE15
R38345.....HH17	R38370.....JJ19	SW11900.....LL07	TP22302.....CC16	U11701.....HH07	U22402.....FF18	Y22301.....EE16
R38346.....HH18	R38372.....HH18	T41200.....BB04	TP22303.....EE16	U11702.....GG10	U22403.....GG18	Y22401.....GG23
R38347.....II19	R41127.....CC02	TP11301.....MM22	TP22304.....DD18	U11800.....II10	U22404.....FF15	
R38348.....II18	R41128.....AA02	TP11302.....LL20	TP22305.....EE15	U11900.....EE12	U22405.....FF15	
R38349.....II18	R41129.....BB03	TP11501.....HH10	TP22306.....EE15	U11901.....CC09	U22406.....GG15	
R38350.....II18	R41130.....AA04	TP11502.....GG09	TP22307.....CC16	U11902.....CC08	U22407.....HH23	
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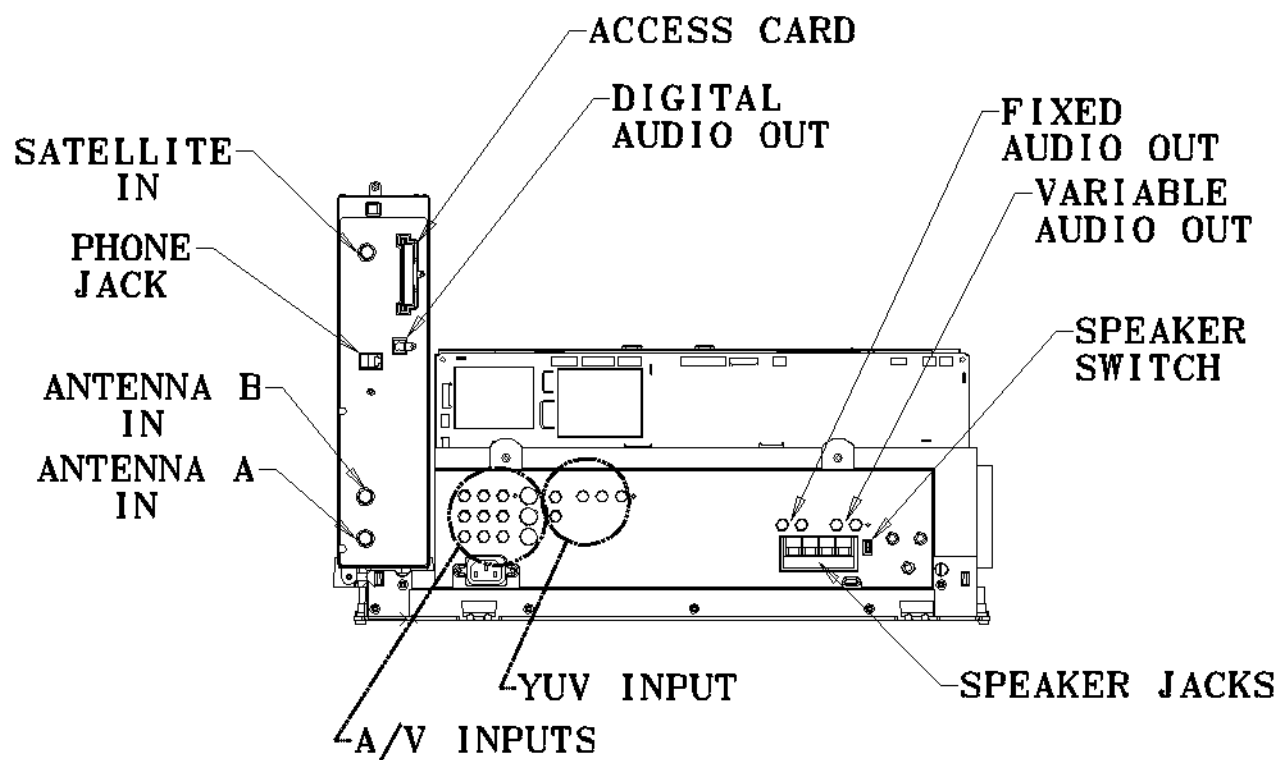
SECTION 7A: EXPLODED VIEWS



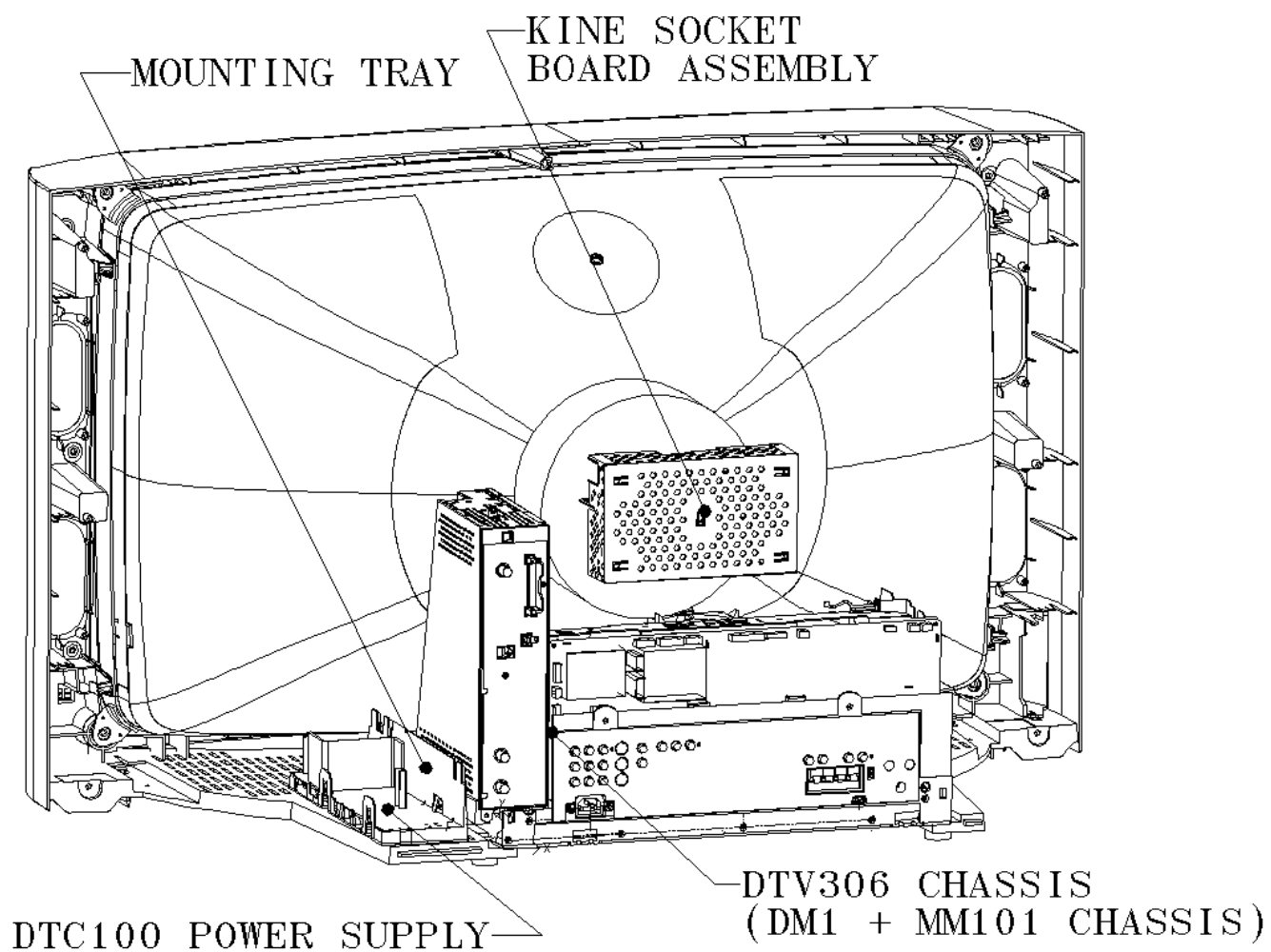
DTV306 Exploded Views



DTV306 Chassis Top, Back and Side Views

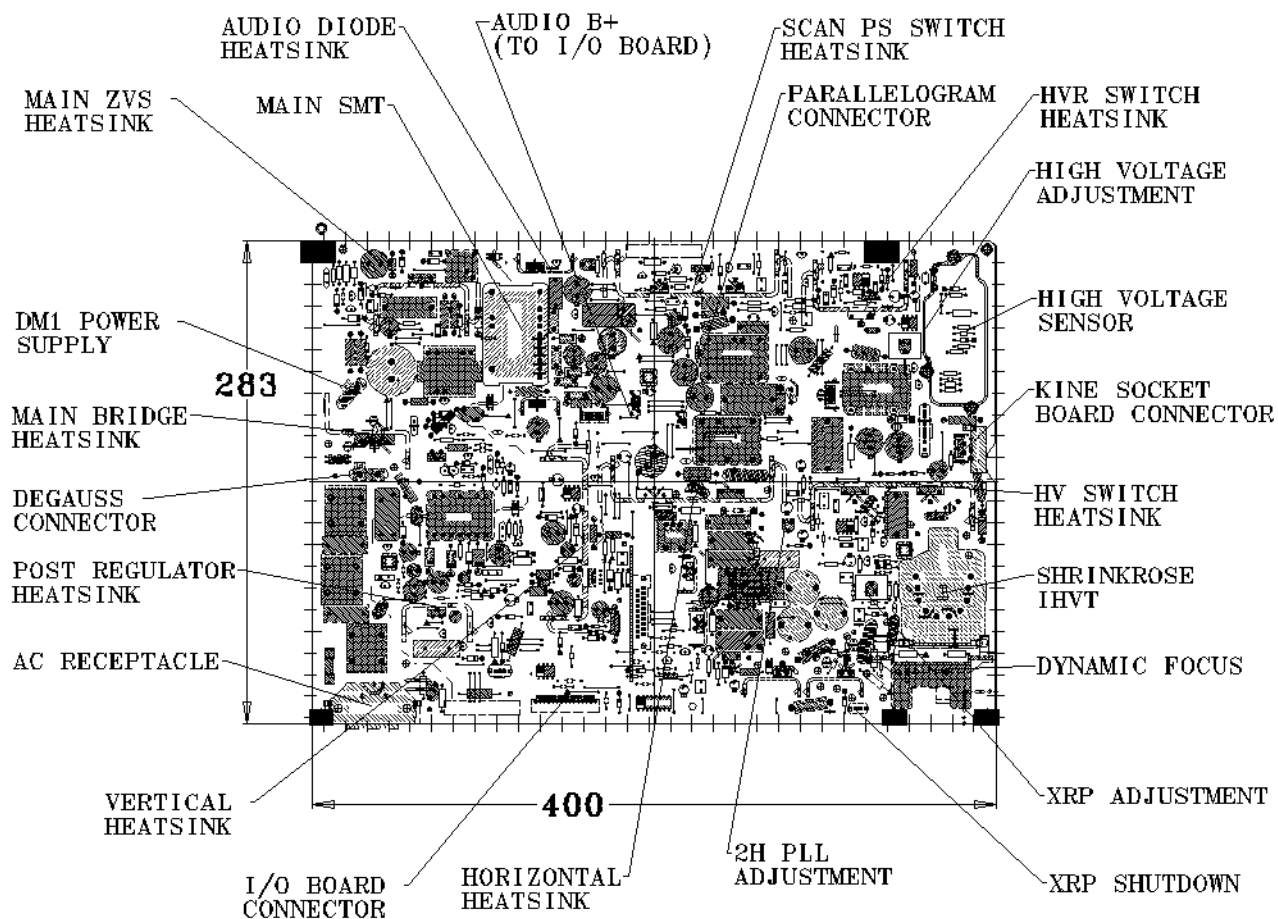


DTV306 CONSUMER INPUTS



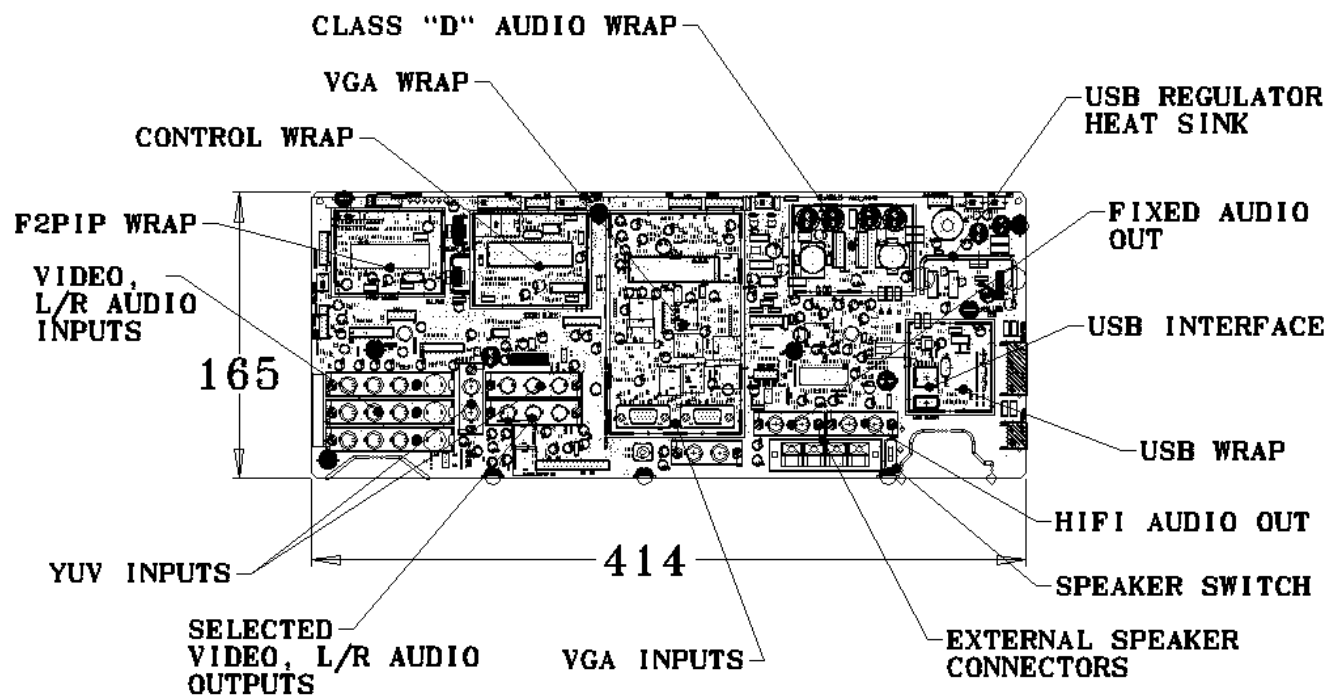
DTV306 In 38" Cabinet Front

SECTION 7A: EXPLODED VIEWS



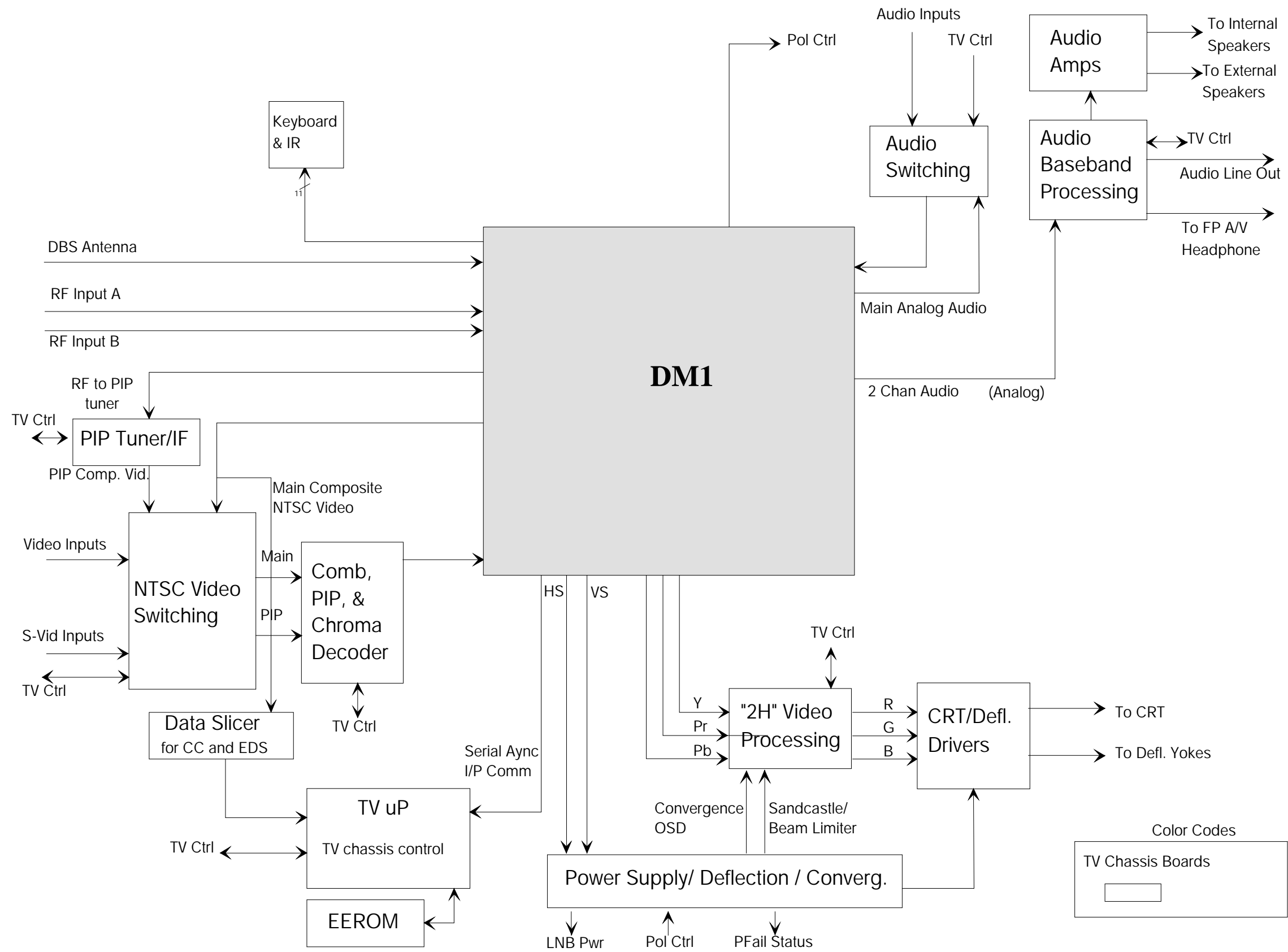
Deflection/Power Supply Layout

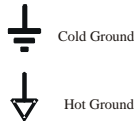
SECTION 7A: EXPLODED VIEWS



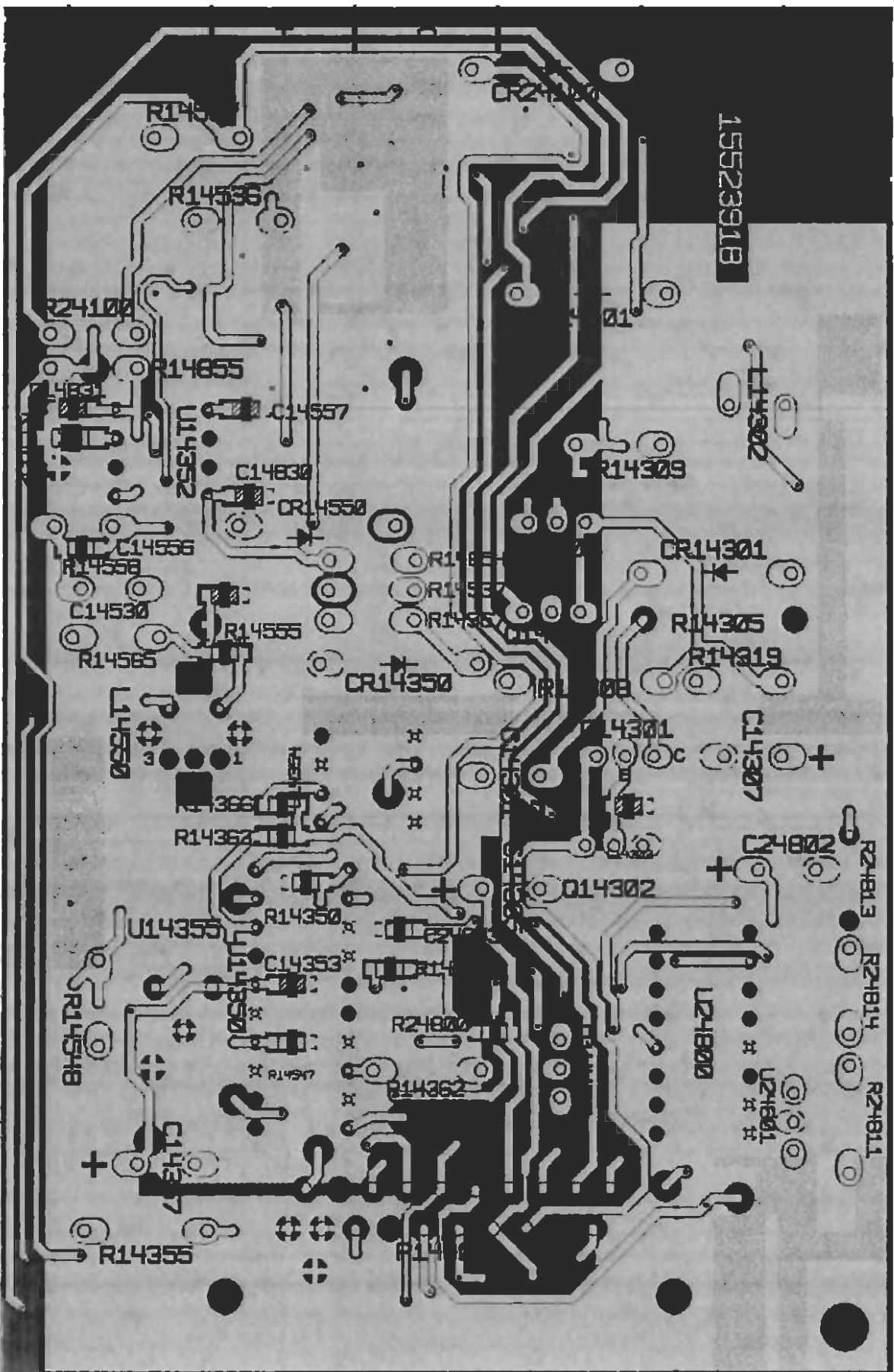
I/O Circuit Board Layout

DTV306 Functional Block Diagram







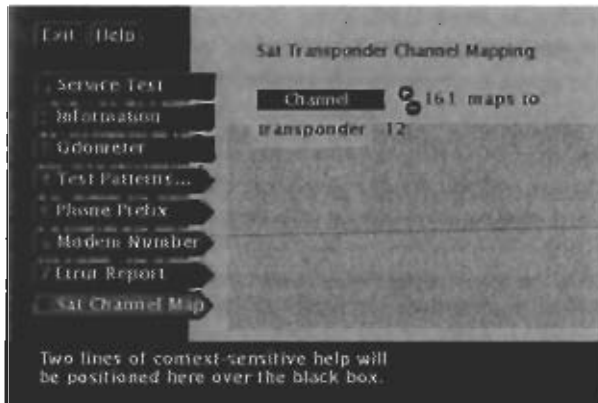


DM1 SERVICE MENU OVERVIEW

DM1 Service Menu

The service menu is activated by simultaneously pressing **DOWN + MENU/OK** on the FPA of the DTV306.

This menu contains all the commands used by service personnel to diagnose a problem with the unit, and a Test Pattern option to support ATSC troubleshooting.



DM1 Service Menu

Service menu elements

- Service Test** - Tests the system and places text results in the display area on the right-hand side of the screen. See more details below.
- Information** - Displays IRD Number, ROM version, Verifier/CAM and CAMID information on the right-hand side of the screen.
- Odometer** - Odometer displays: Activation Date is written in memory when the DIRECTV time is acquired for the first time. In Service Counter indicates the number of hours that the system has been under power (not just turned on). This is updated every hour. This is not reset to 0 when the EEPROM is cleared with the EEPROM resetting function.
- Test Patterns** - Transfers to the "Test Patterns..." menu. These test patterns are specific to ATSC.
- Channel Hold** - Sets the channel the system will tune to under certain conditions. See details below.
- Power Lockout** - Prevents the system from being turned off. In the event primary power to the system is interrupted, the system would be placed back into the same state as before primary power was interrupted—The radio button list is:
- Power Locked
 - Power Unlocked -- default
- If the user tries to turn off the receiver, then the following message is displayed in the context-sensitive help area: "Power Lockout feature enabled. Unable to turn off system."

Phone Prefix Allows service personnel to enter a 1-digit number to access an outside line and a Call Waiting disable code.

Modem Number - Allows service personnel to enter an 11-digit phone number to be used during the System Test.

Error Report See description below.

(Sat Channel Map) - Depending on which option is chosen in the choice field, this displays all channel numbers associated with entered transponder number or displays the transponder number associated with a channel. The path button is hidden -- see below for how to summon the button.

Help Transfers to context-sensitive help screen.

Exit Exits the Service menu and returns to video.

Service Test

The tests performed by Service Test are as follows:

AV&TL:

The AVDEC and TL (TunerLink) boards have EEPROM locations that hold unique identifiers. The identifiers are unique for each board. The new line title: AV&TL, stands for "Audio/Video and Tuner/Link". The first number is the AVDEC identifier and the second one is the TL board identifier. The AVdec board number is derived from many different pieces of information, including the serial number, mixed together using a complex algorithm.

ROM

The first 4 characters are the "software model number". The next characters are the software revision:

- first letter(s) are prefix
- next 2 digits are minor version number
- last 2 digits are major version number.
- If there is a valid patch, then its ID is displayed as 4 characters.

An "M" character is displayed if Macrovision is enabled.

A "C" character is displayed if colorburst is enabled.

Example: 0400 AT02.40 MC: "The software model number is 400; the software version is AT02.40; there is no valid patch downloaded; Macrovision and Colorburst are enabled."

VERIFIER/CAM

The information on this line comes from the verifier software. The first number is the verifier software version. The next number is the CAM version.

CAM ID

The information on this line comes from the verifier software. It should display the same number as is written on the CAM itself.

DEMOD SIGNAL

DEMOD SIGNAL test: if the system is tuned to a BSS or HD-SAT signal, the signal strength between 0 and 100 is given. If not, the data is irrelevant. **Note:** You can get the ATSC signal strength in other screens.

in the
device
RECTV)
the Channel
Channel 601
not turn the
"After 5 Min."

na A", then switching
and vice-versa. When
ed access to the user of
na Info, Channel Search,
a key on the remote).

being turned off. In the event
receiver is interrupted, the receiver
into the same state as before primary
ted, i.e., the receiver would tune to a
ay the guide. The default is power

efix

service personnel to enter a 1-digit number to
an outside line and a Call Waiting disable code.
Waiting Disable" allows service personnel to enter
digits to disable call waiting. The user can either enter
digits directly using the 0-9 keys on the remote control,
or they can cycle through the numbers and the # and * keys
using the up and down navigation arrows.

Modem Number

Allows service personnel to enter an 11-digit phone number
to be used during the System Test.

Error Report

When an error occurs in the DM, some information about
this error is stored in EEPROM. The list of errors that have

information logged (archived) is limited to 3. The
information stored is date/time of occurrence, error code,
module ID, function ID and spot ID. The date/time and
error code are displayed on the screen. The error code has
the module ID embedded in it so the last 3 fields do not
need to be displayed on screen. When an error occurs in
the TV, information about this error is sent to the DM micro
through the ICP link and the same kind of information is
stored in EEPROM.

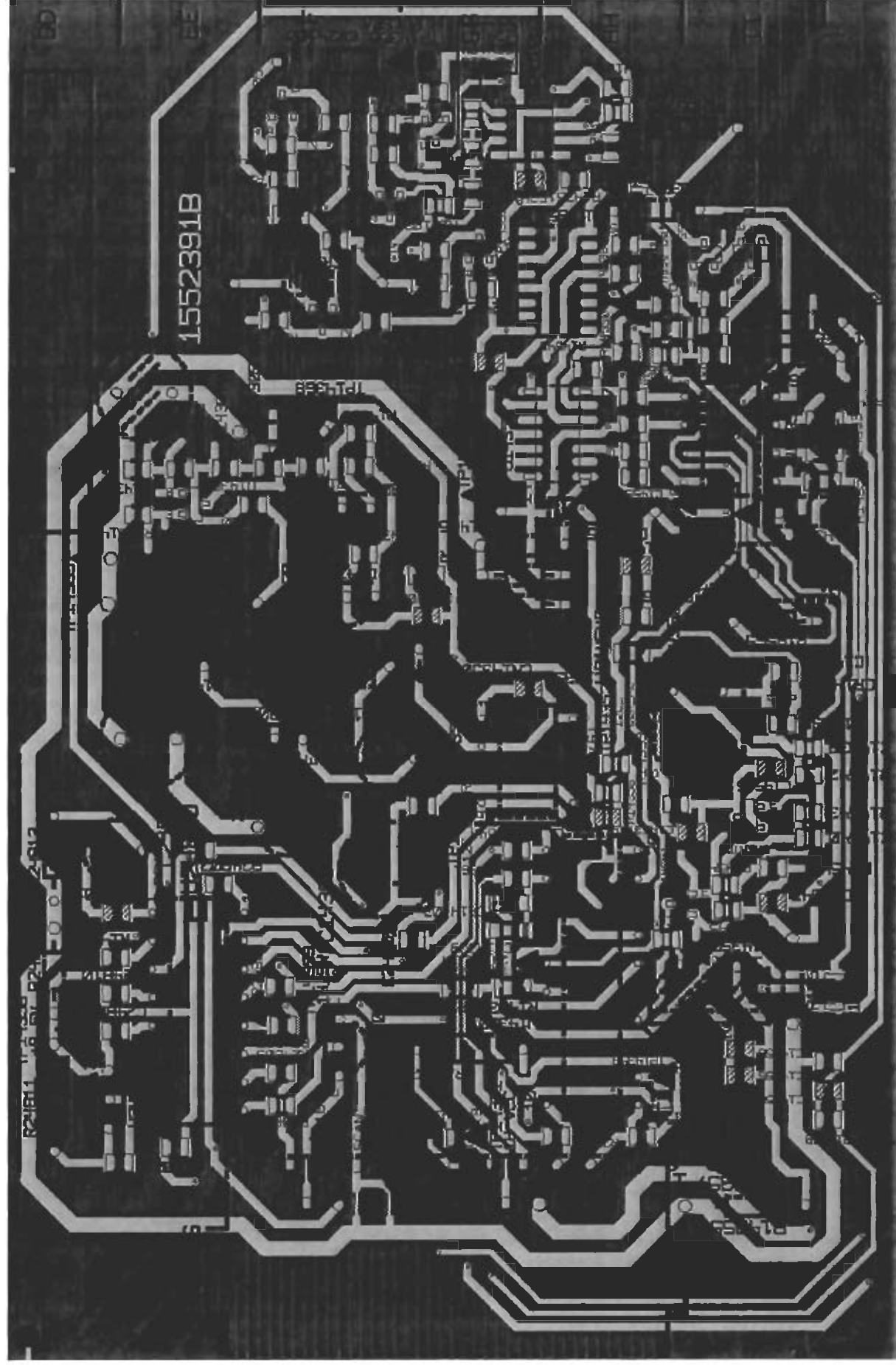
Three errors are stored for the TV and 3 for the DM. The
first, second and last errors are stored. When the system is
shipped from the factory, the EEPROM error fields have
been cleared through the "reset shipping defaults"
command. The screen has a "Clear All" button on it that
allows these fields to be cleared.

Transponder Channel Mapping

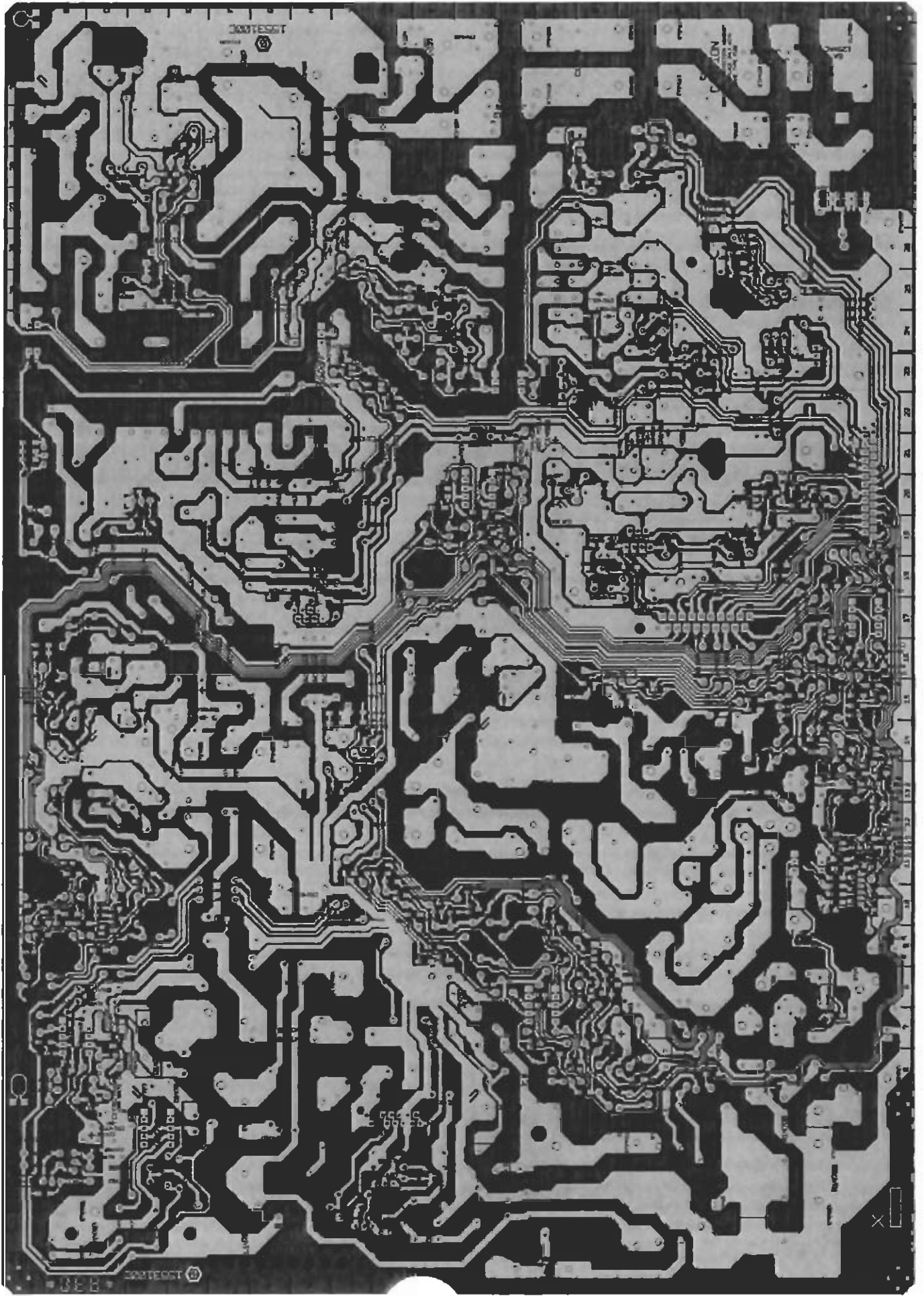
The Sat Channel Map function is hidden within the Service
Menu. In order to access it, the "Error Report" button needs
to be highlighted, and then press "8" on the remote control.
The "Sat Channel Map" button will appear highlighted and
the Sat Channel Map display area will appear on the right.
The "Sat Channel Map" button will insert itself between
Modem Number and Error Report.

With the Transponder Channel Mapping function, the user
can enter a transponder number and the corresponding
channels will be displayed, or the user can enter a channel
number and the corresponding transponder will be
displayed. The "Channel/Transponder" field is also a
choice field so pressing **OK** toggles between "Channel"
and "Transponder". "Channel" is the default choice, and
should display the current channel number if this
information is available. When entering a channel number,
three input boxes are visible.

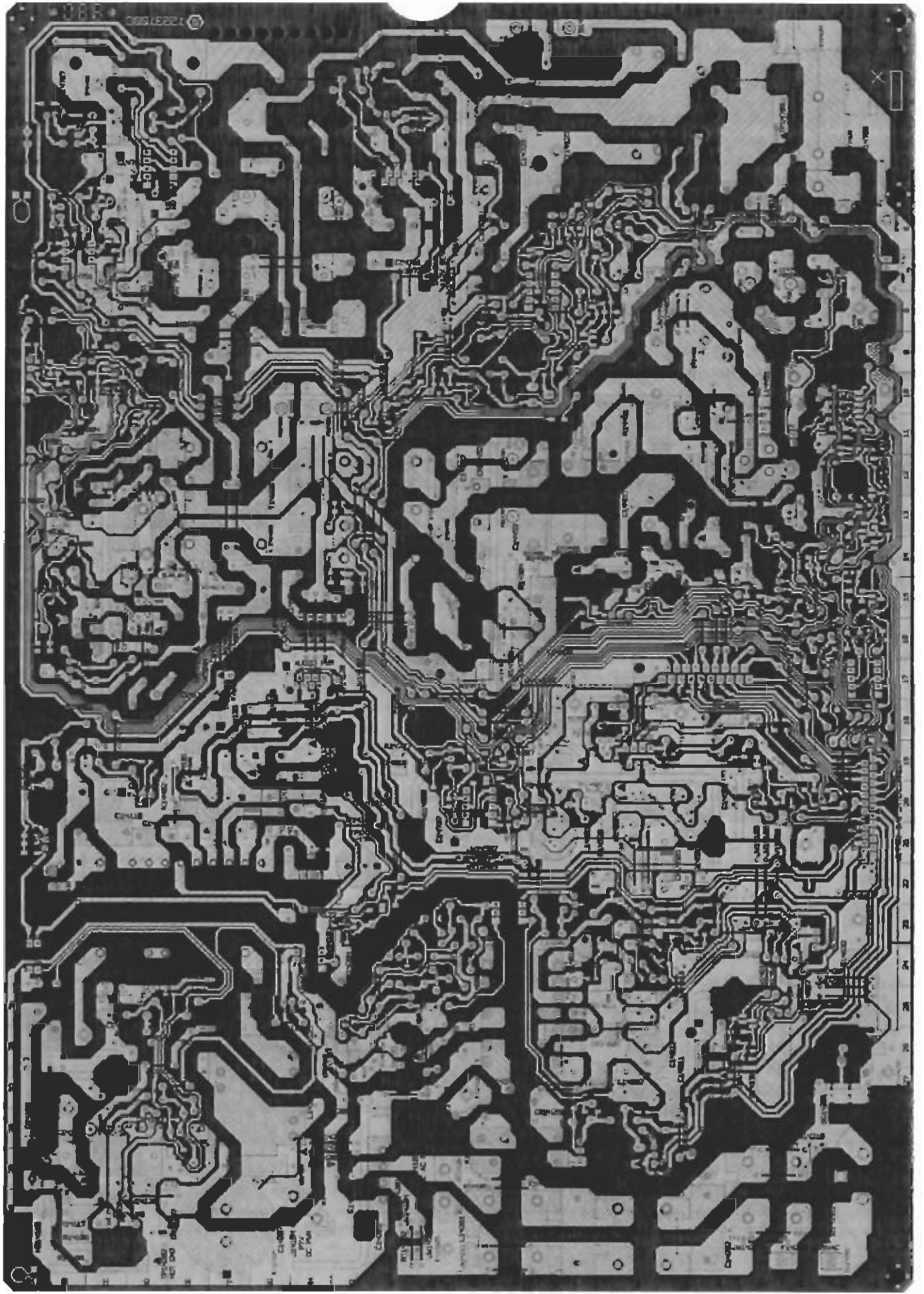
Deflection SIP Board (top view) ver G



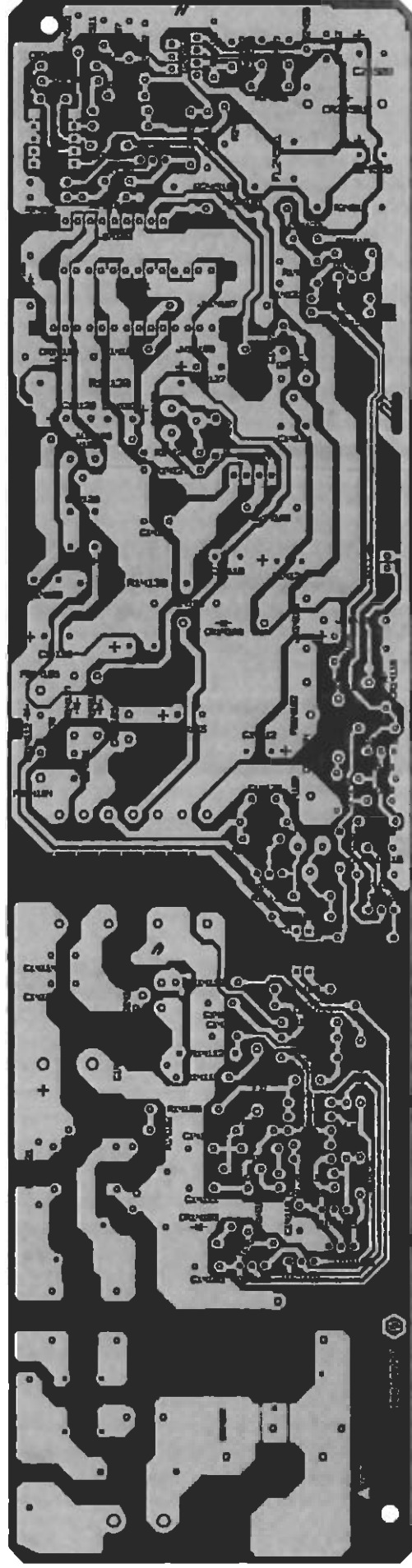
Deflection Power Supply Board (bottom view) ver G



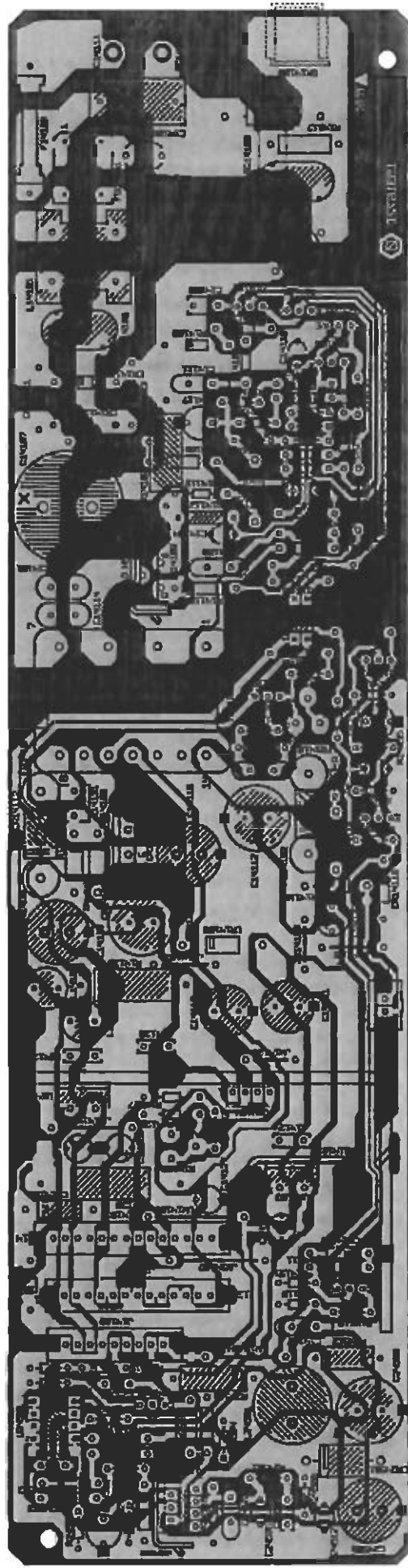
This is a high-contrast, black and white image of a complex printed circuit board (PCB) layout. The board is densely packed with intricate circuitry, including numerous traces, pads, and vias. The layout is symmetrical, with a central vertical axis. The image is framed by a thick black border. The circuitry is highly detailed, with many small components and connections visible. The overall appearance is that of a technical drawing or a high-resolution scan of a physical PCB.



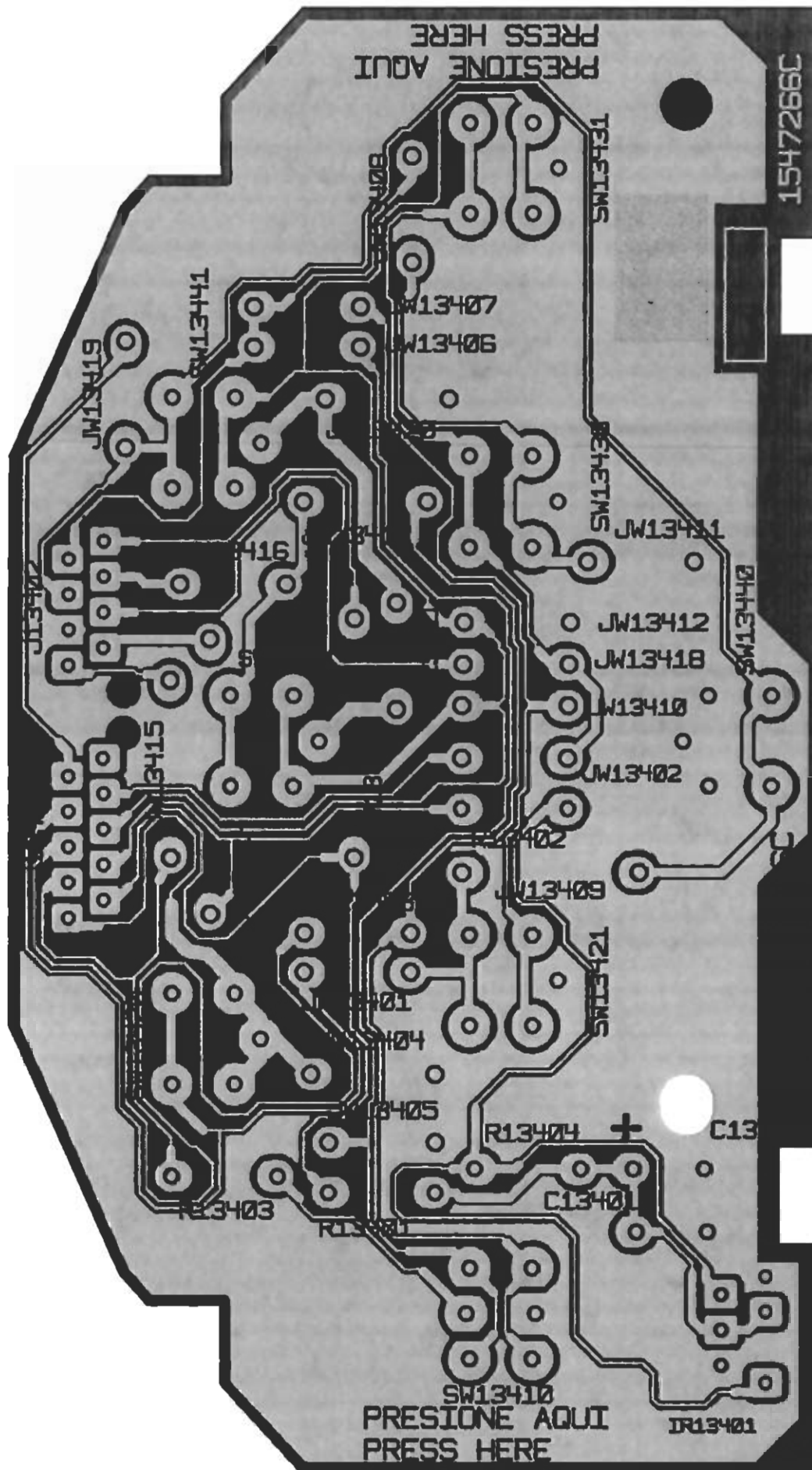
DM1 Power Supply Board (bottom view)



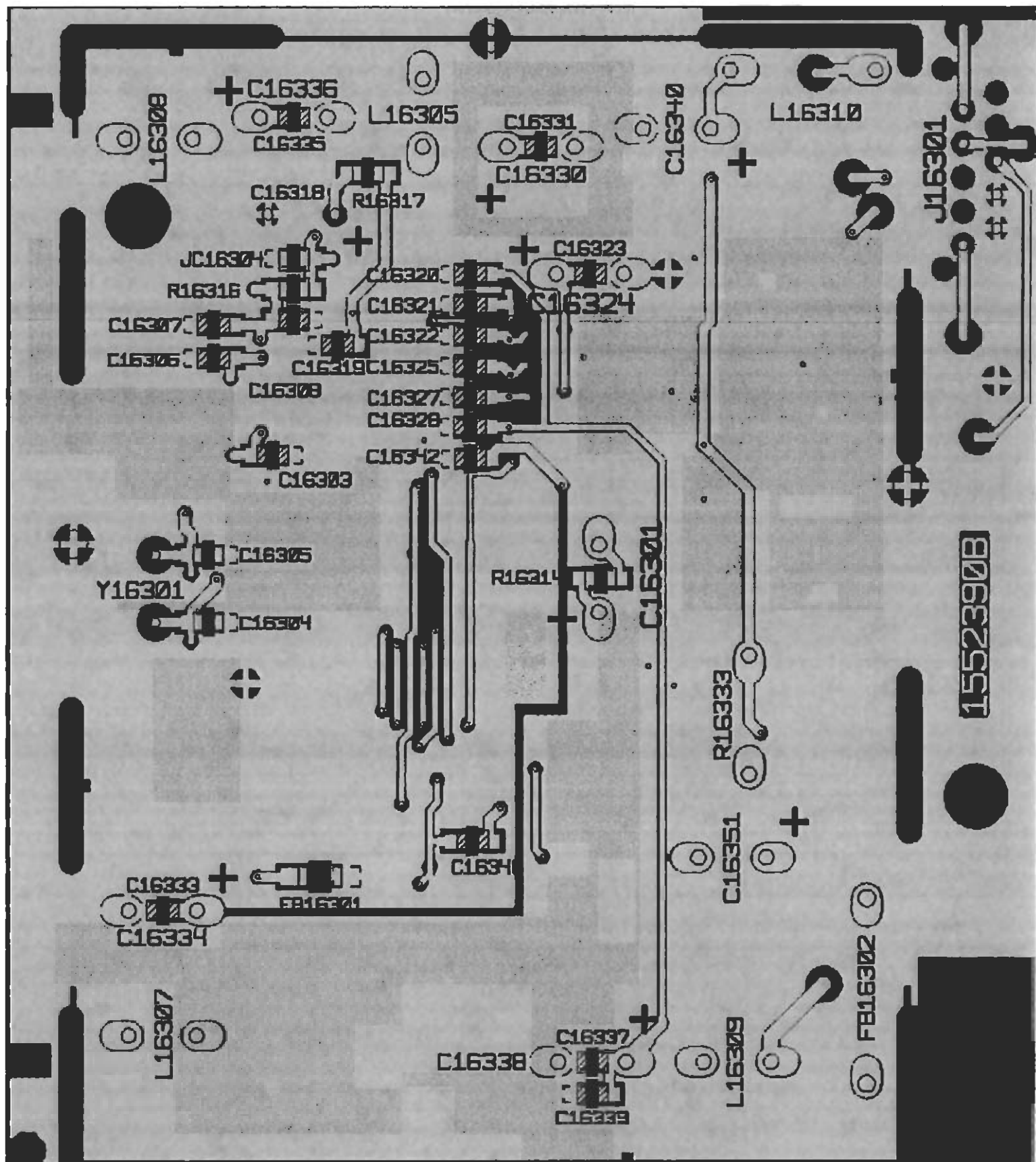
DM1 Power Supply Board (top view)



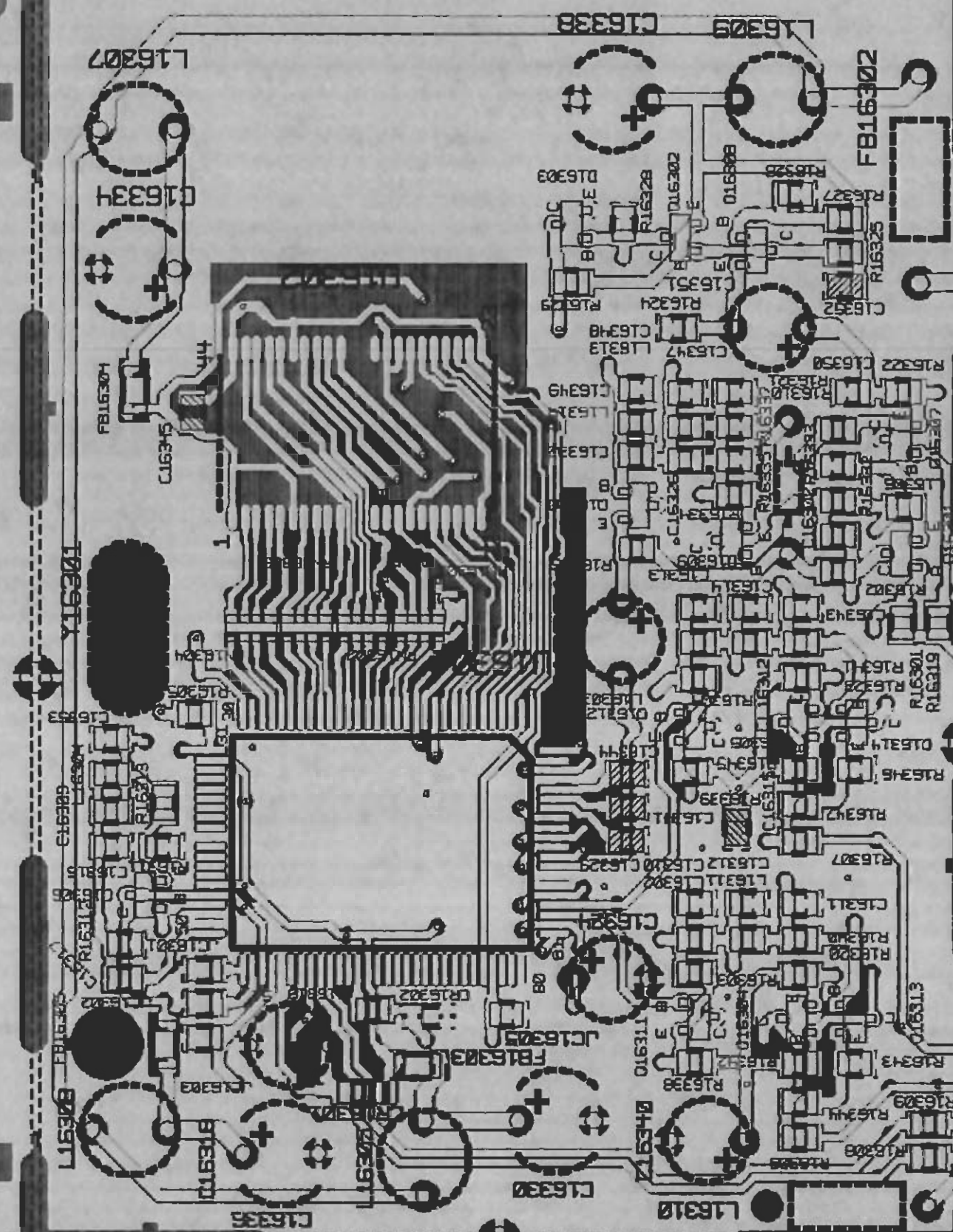
FPA306 (bottom view)



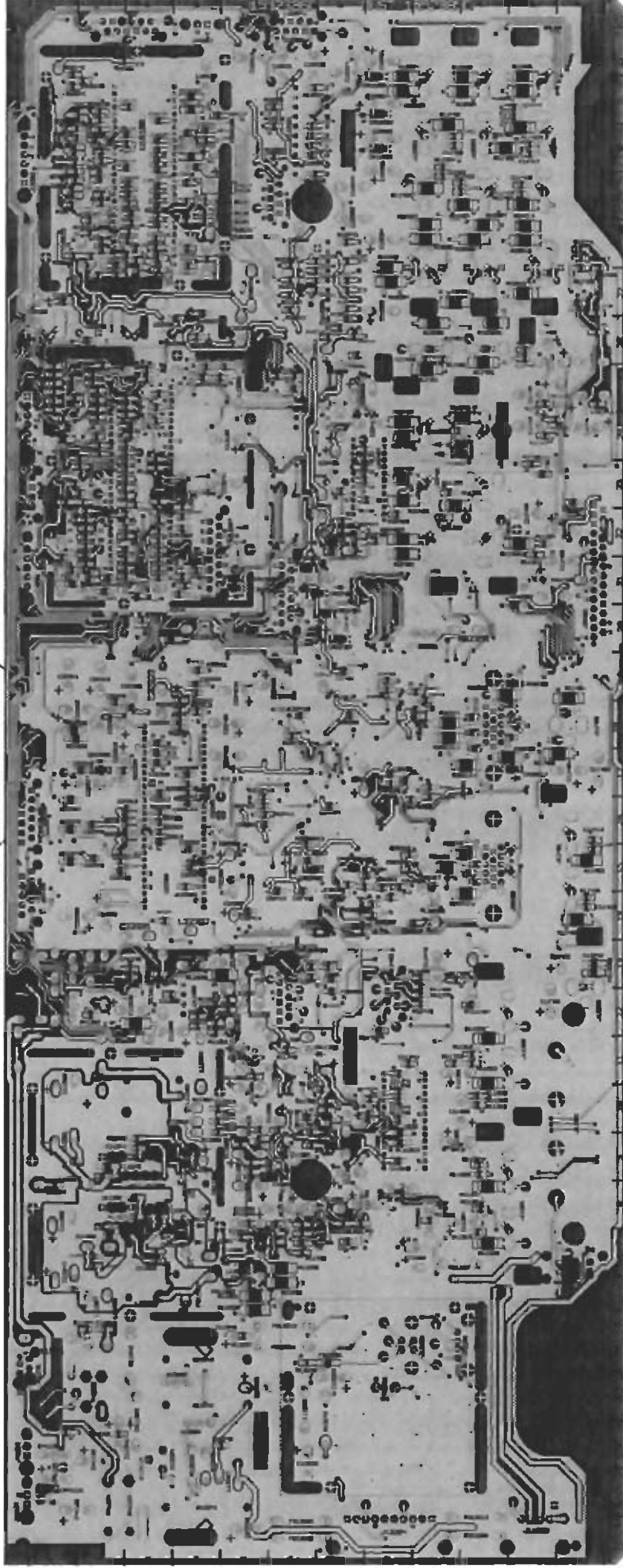
124756C



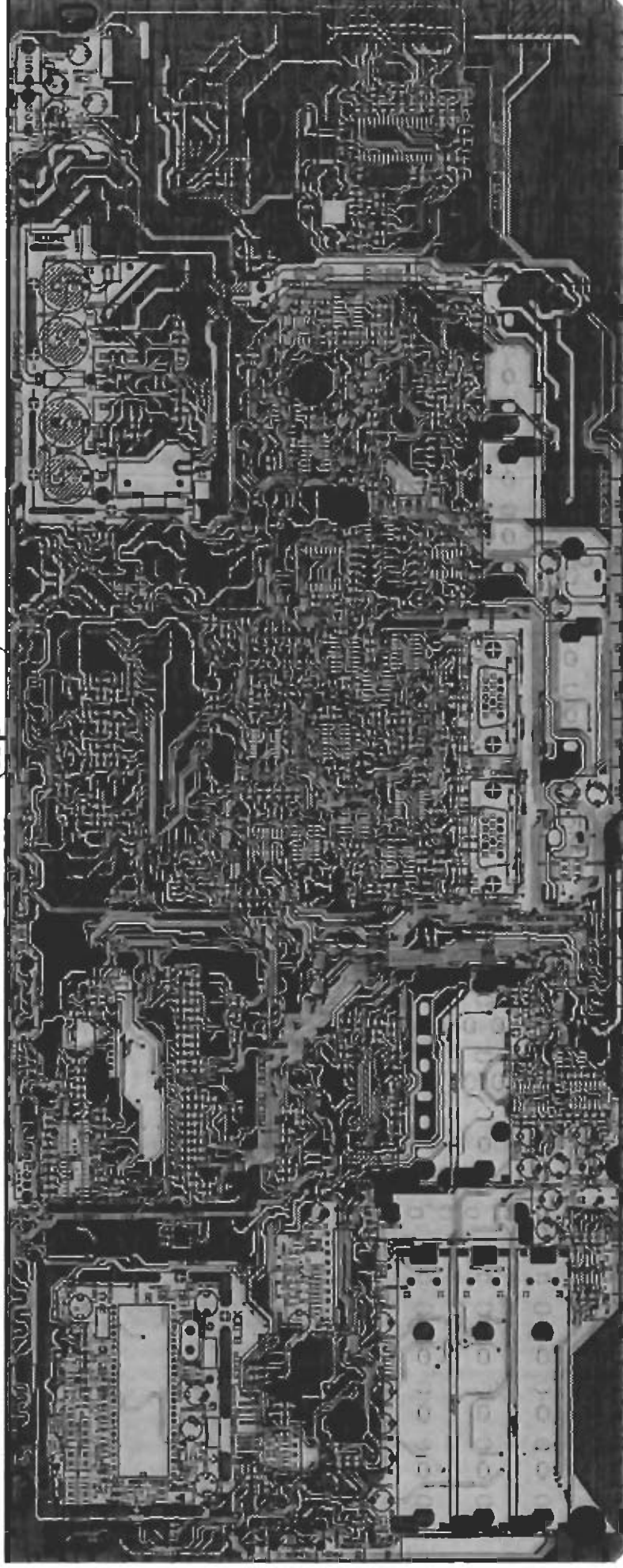
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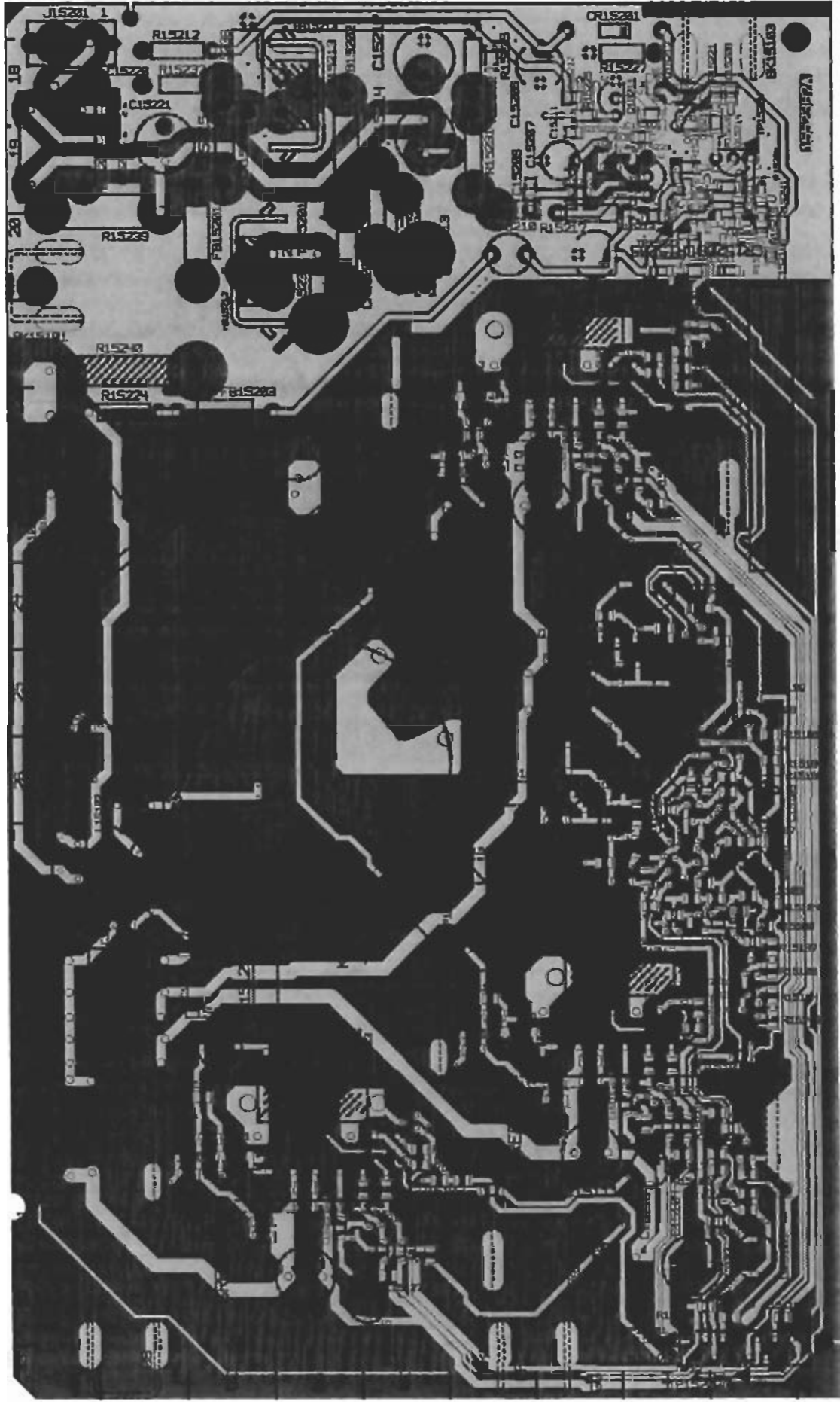


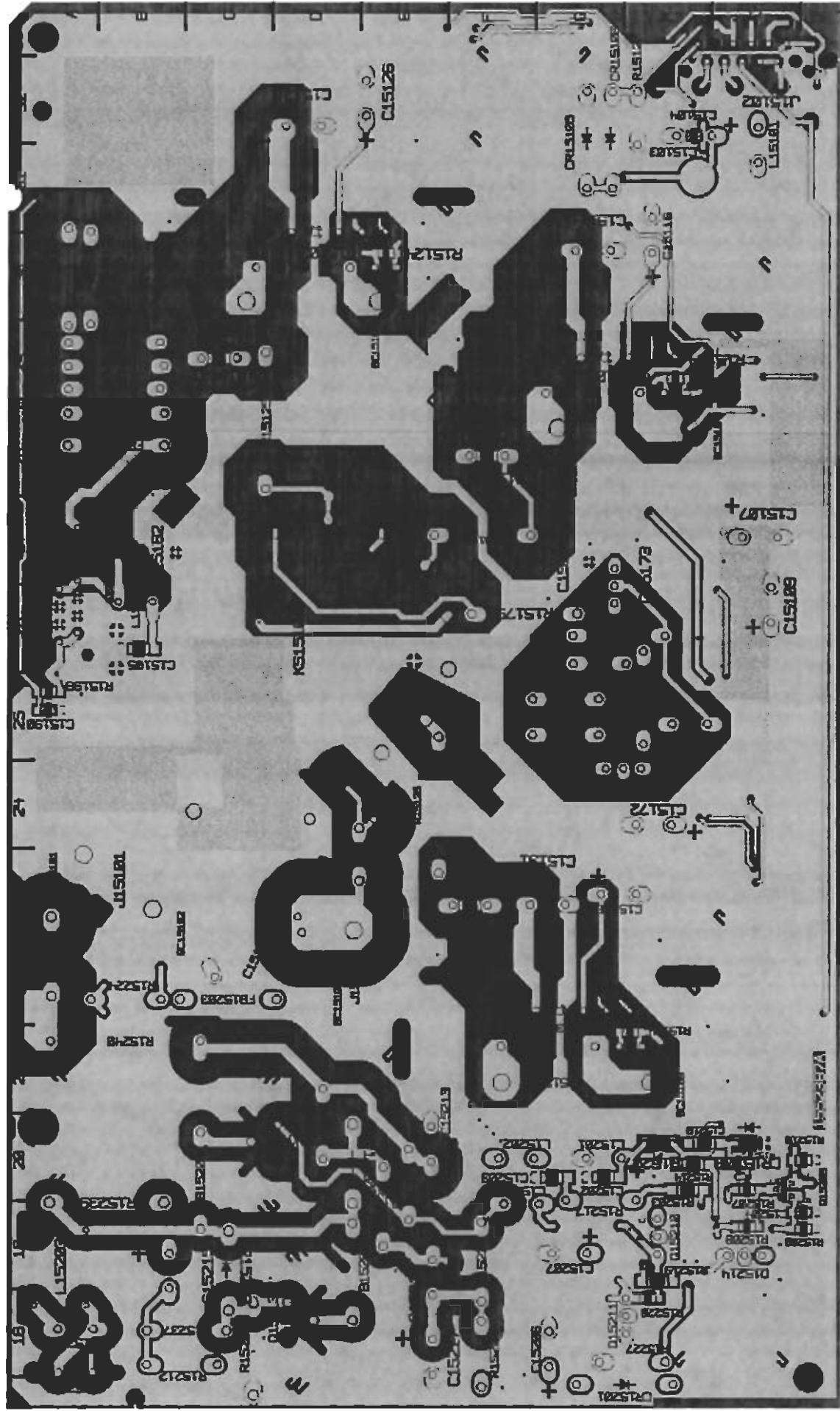
IO Board (bottom view) ver G



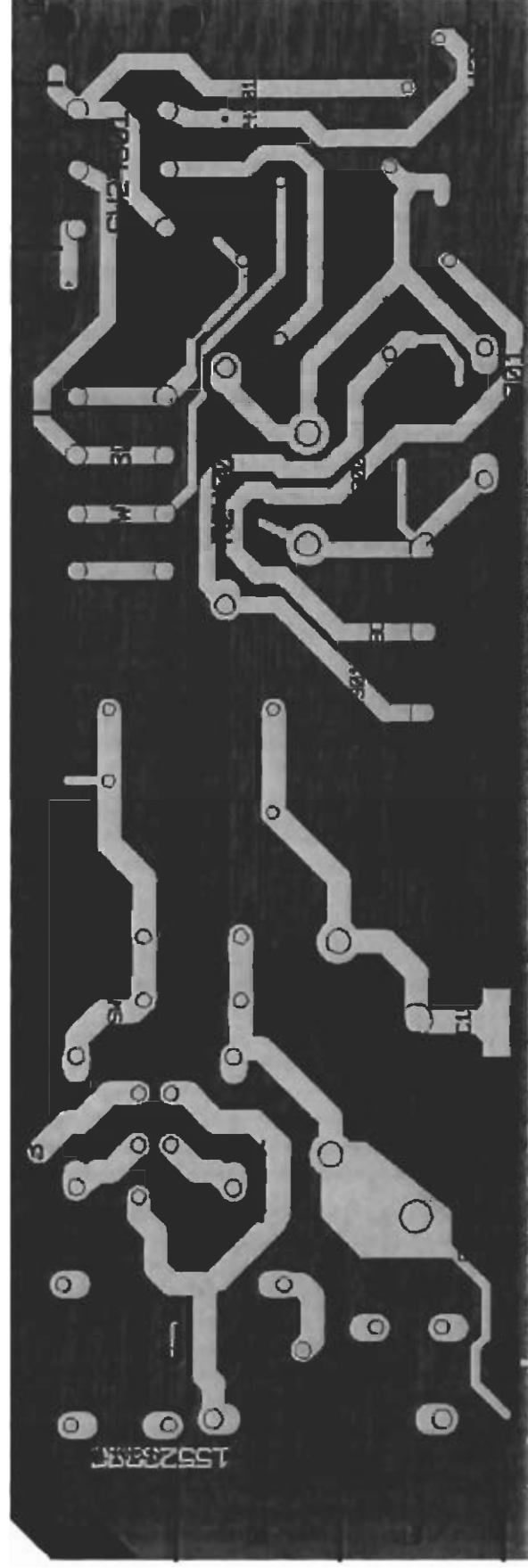
IO Board (top view) ver G



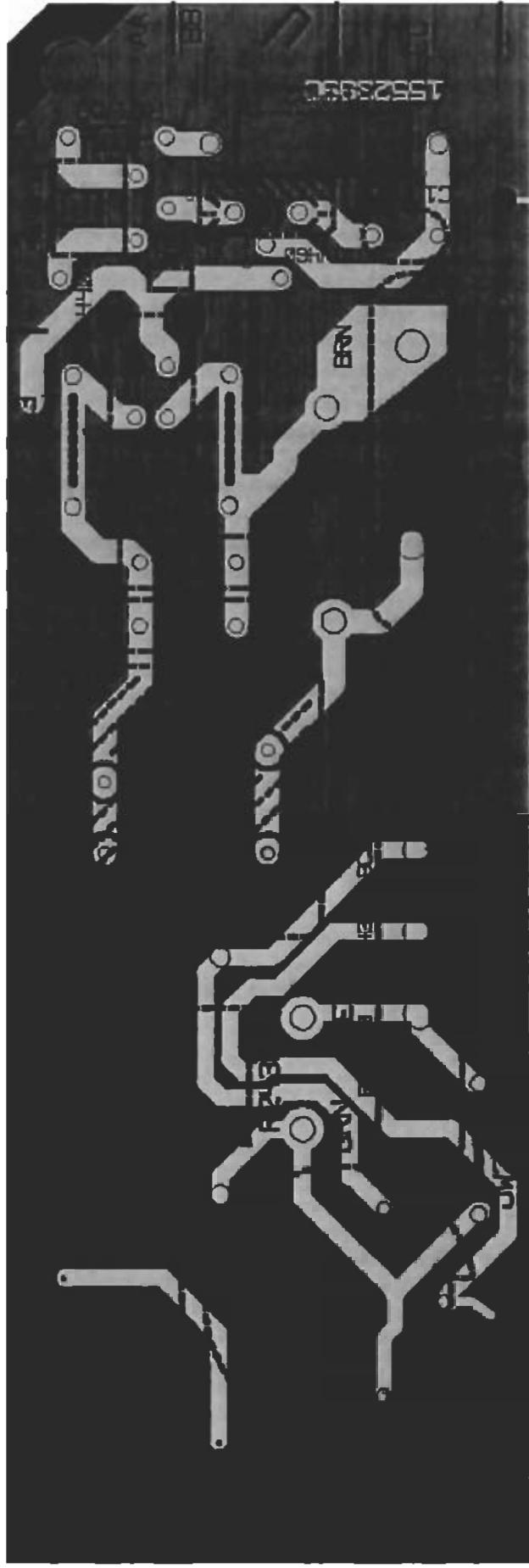


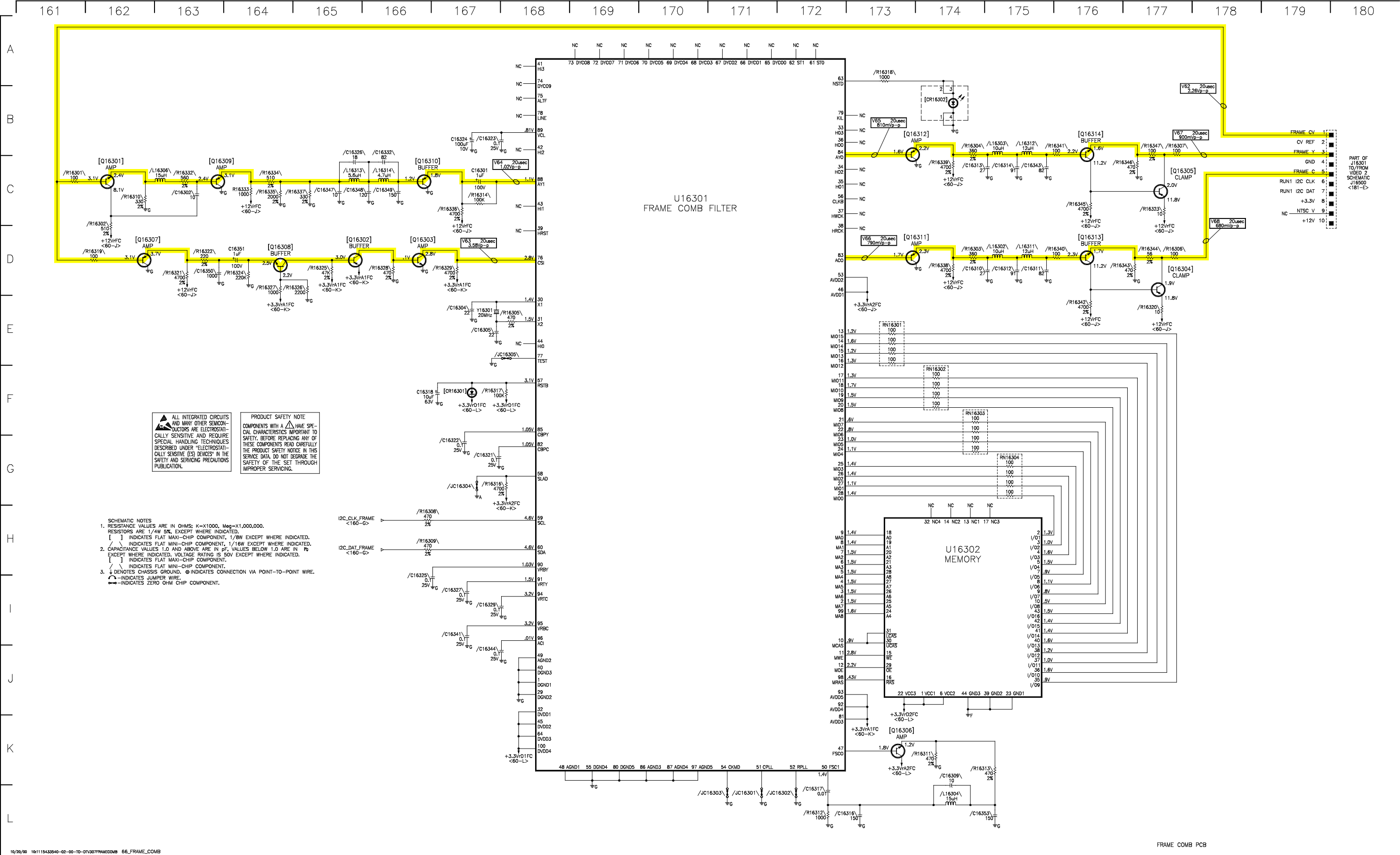
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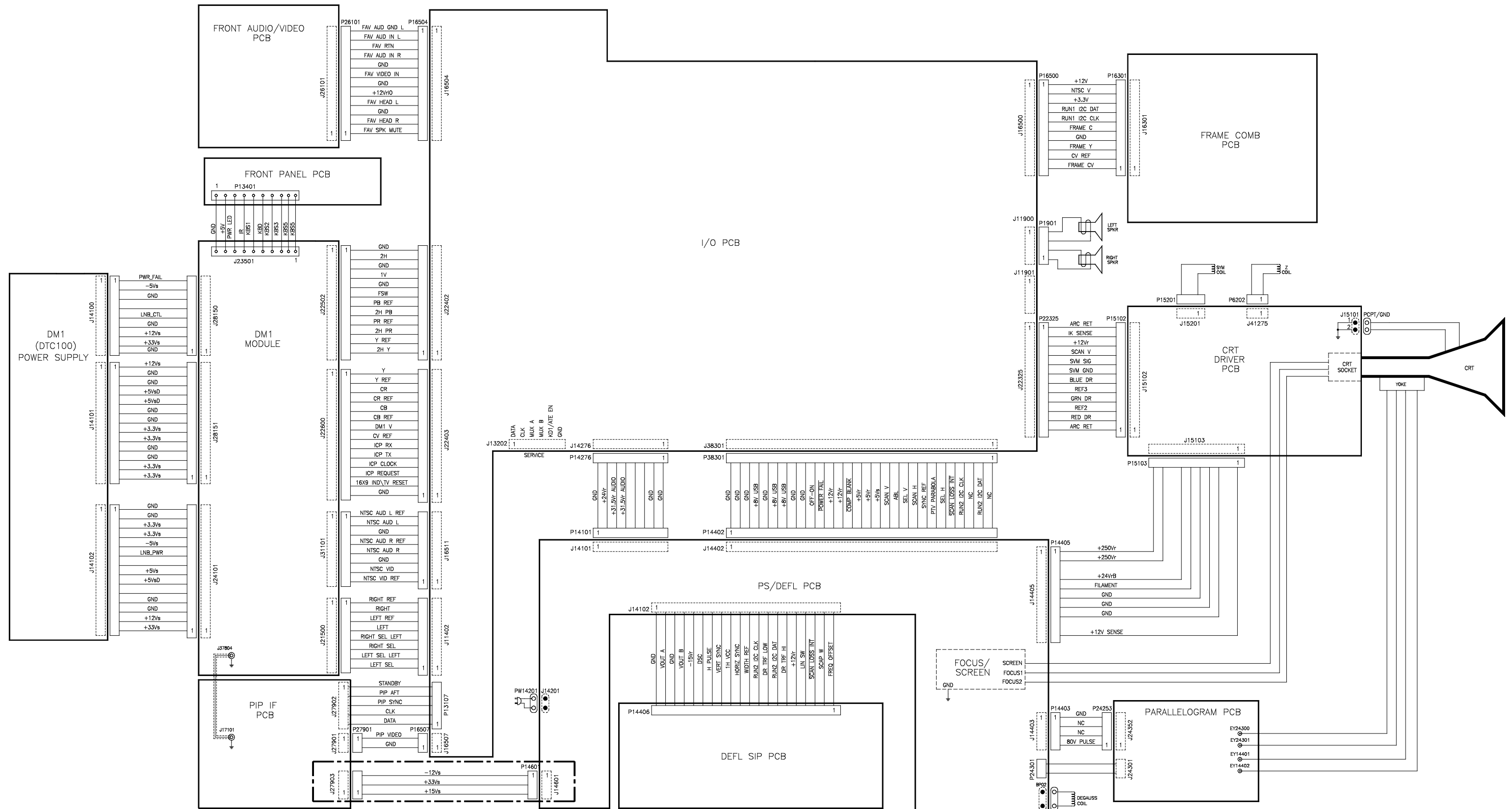
Parallelogram Board (bottom view) ver G

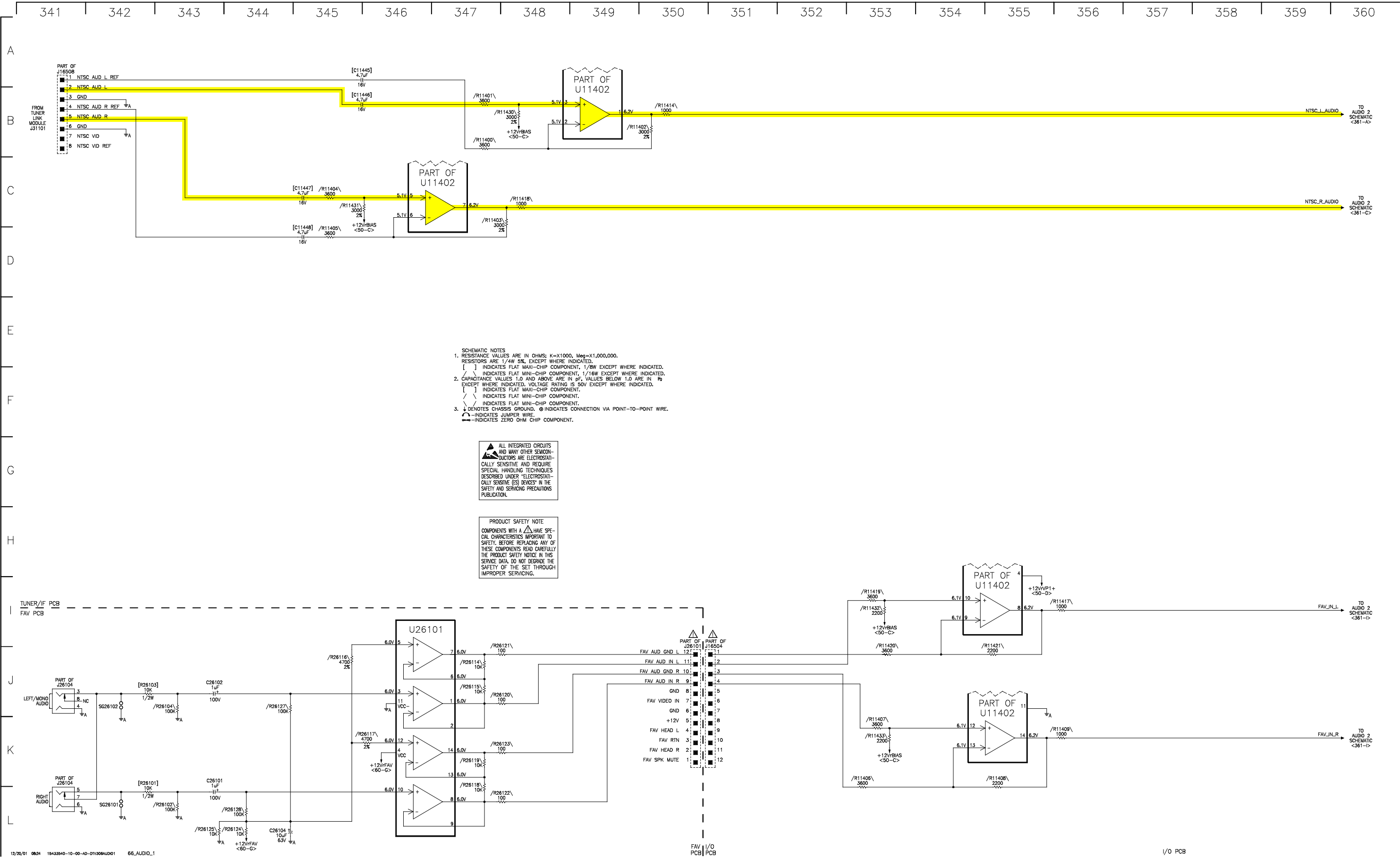


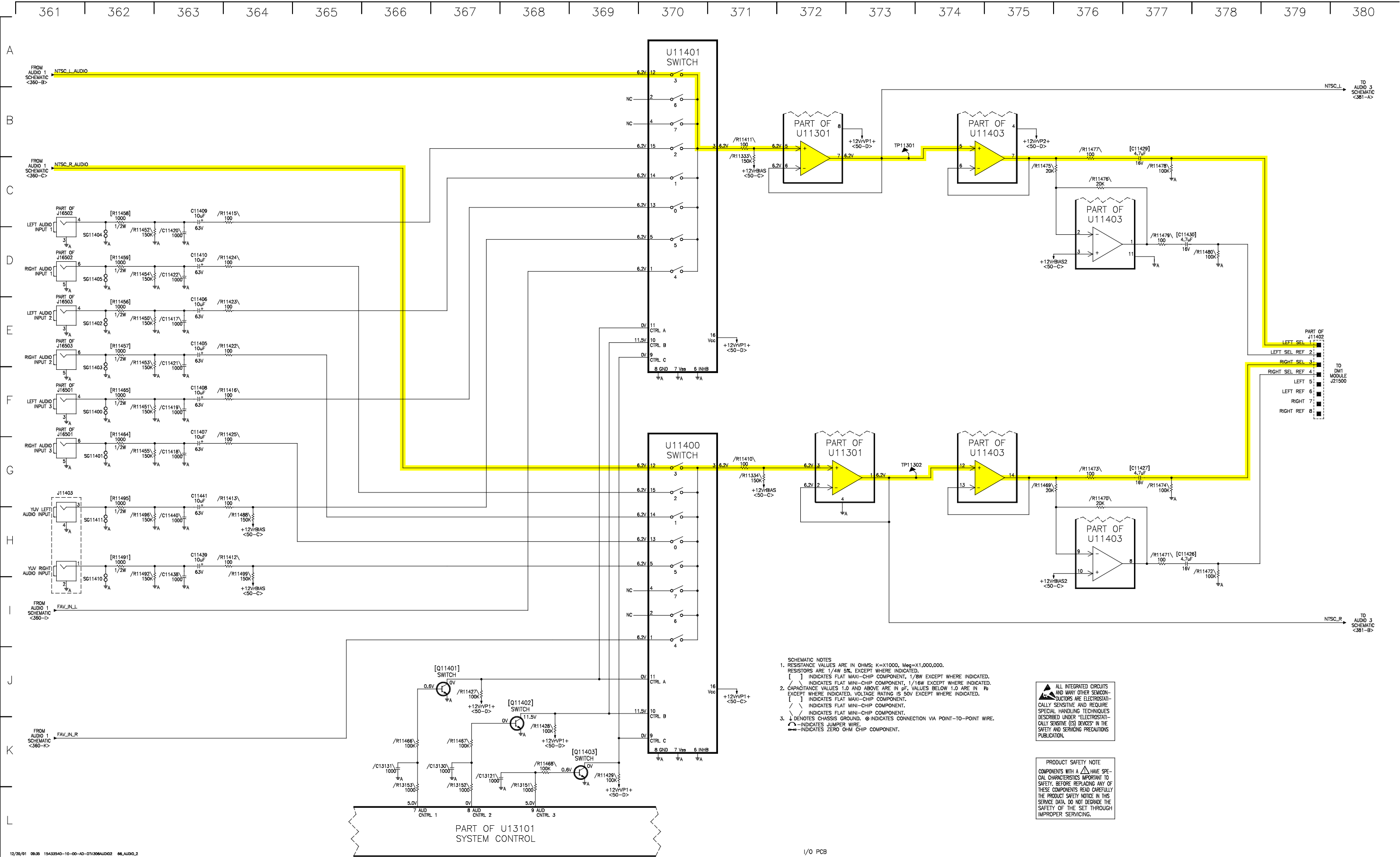
Parallelogram Board (top view) ver G



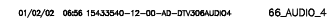




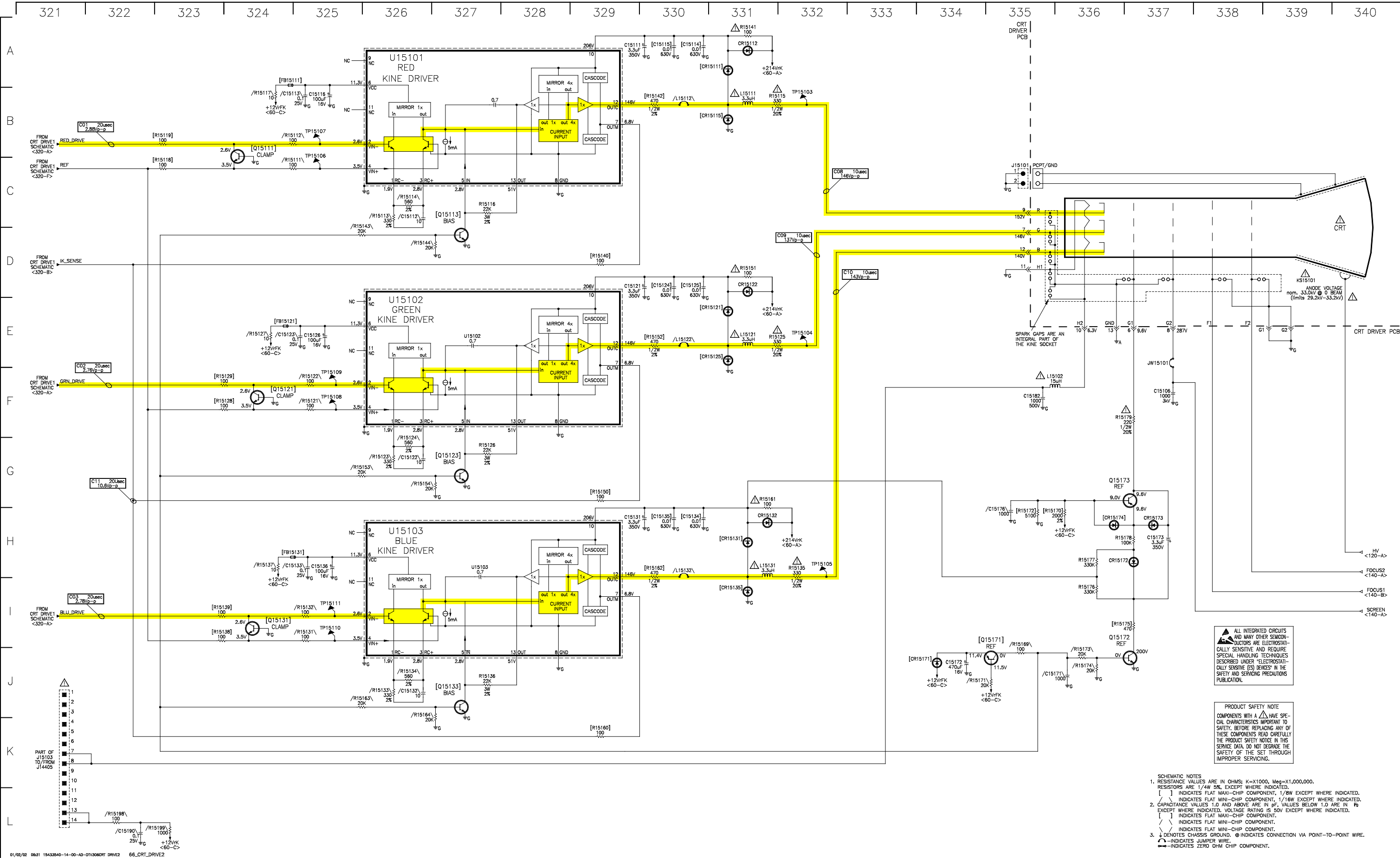


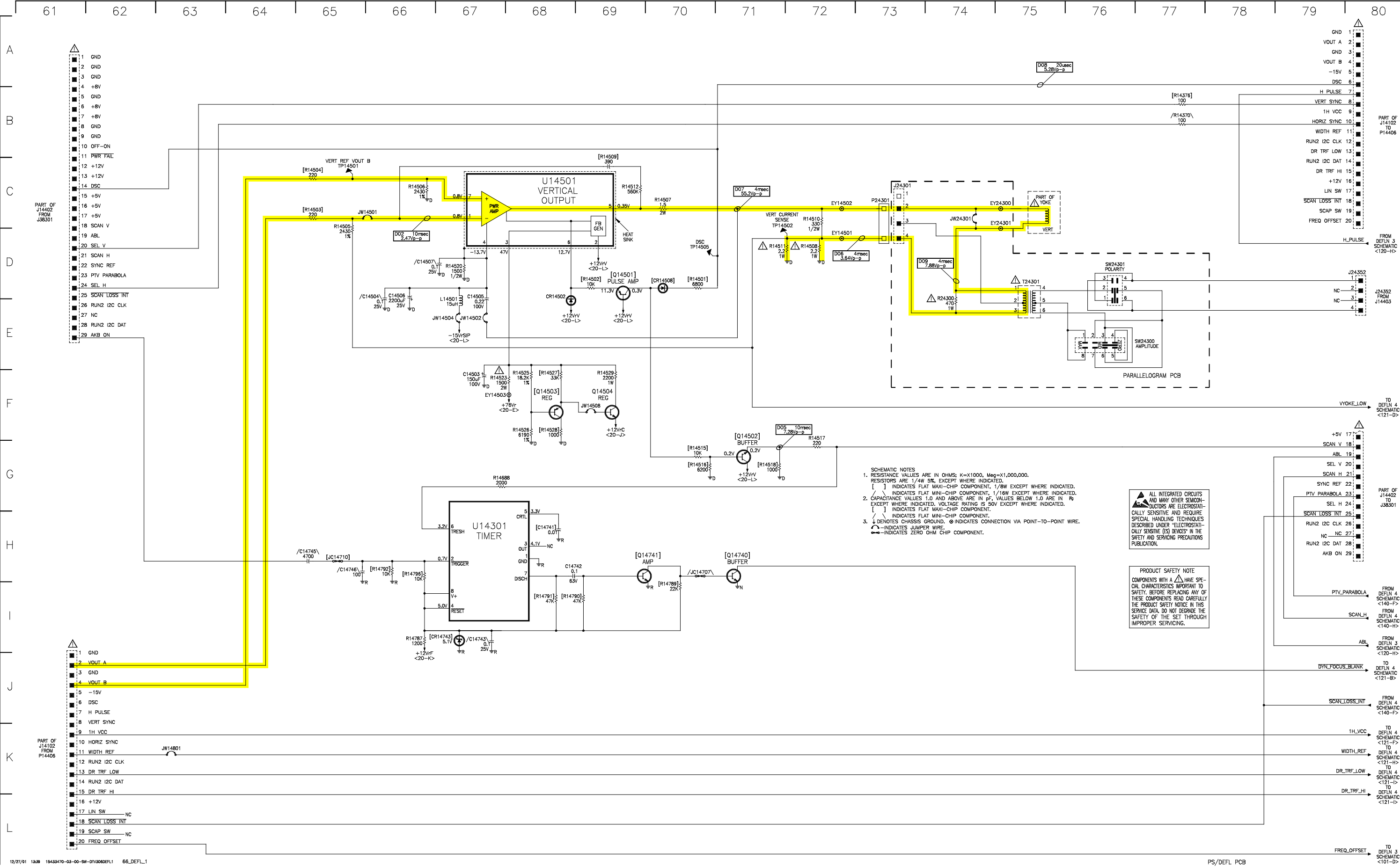




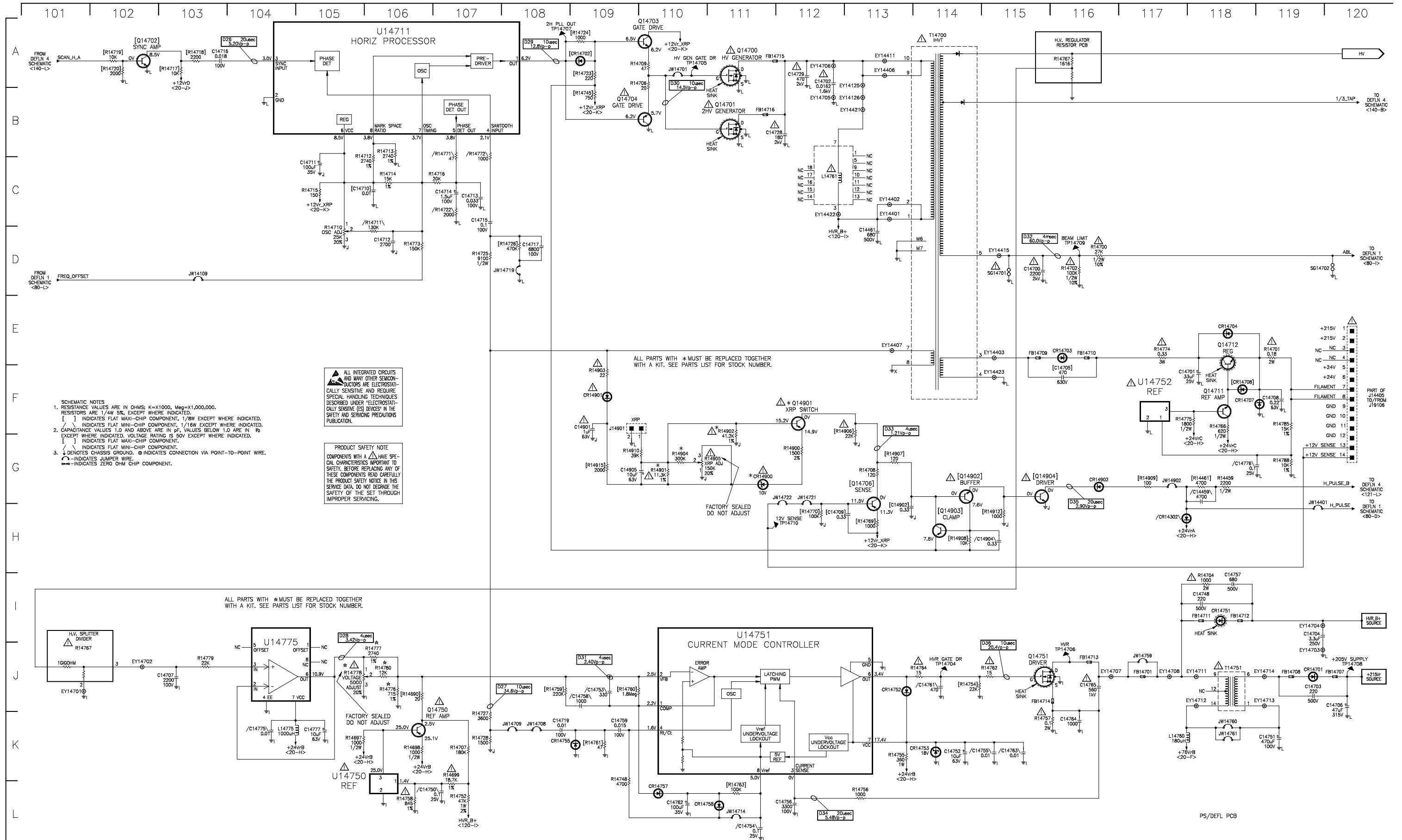


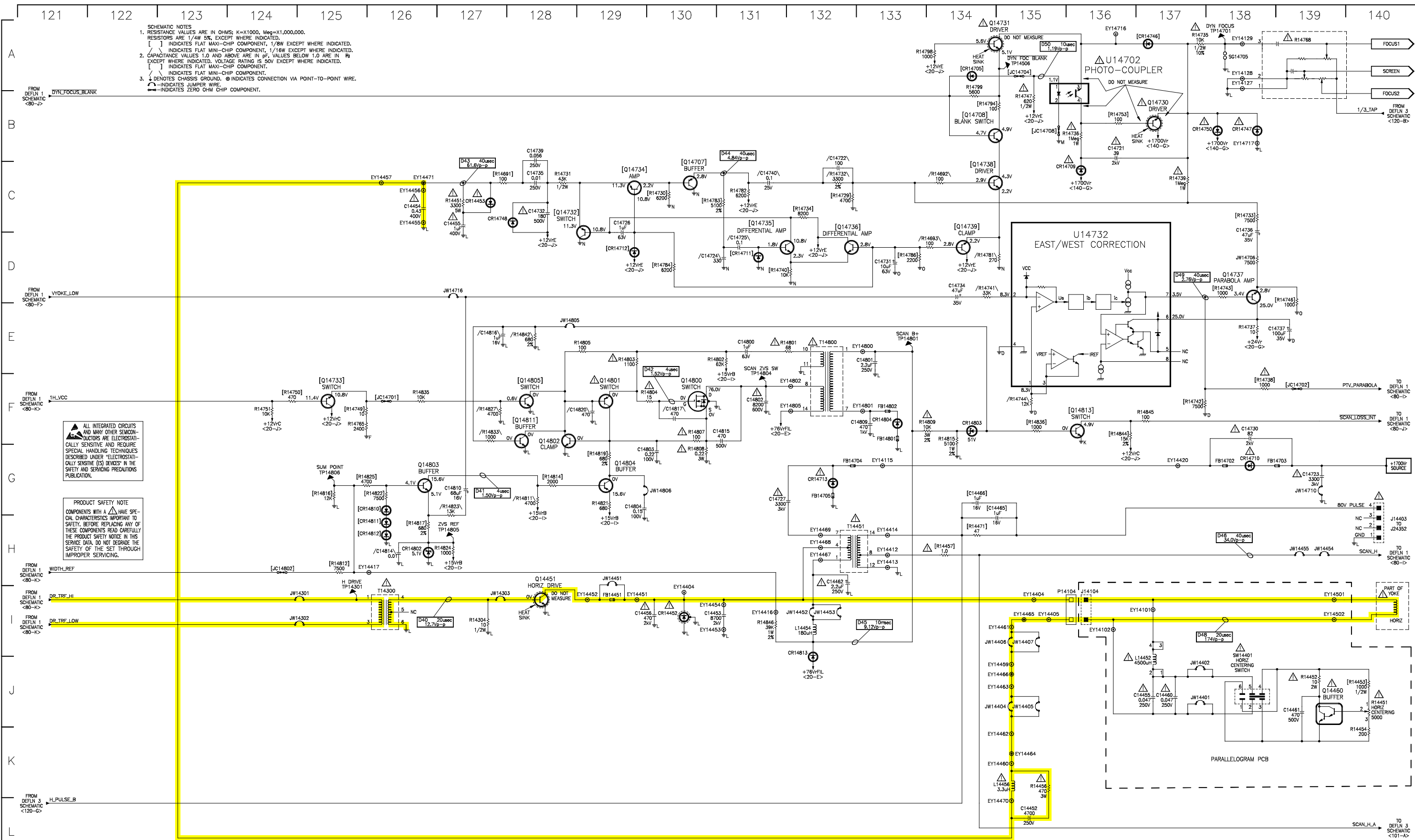




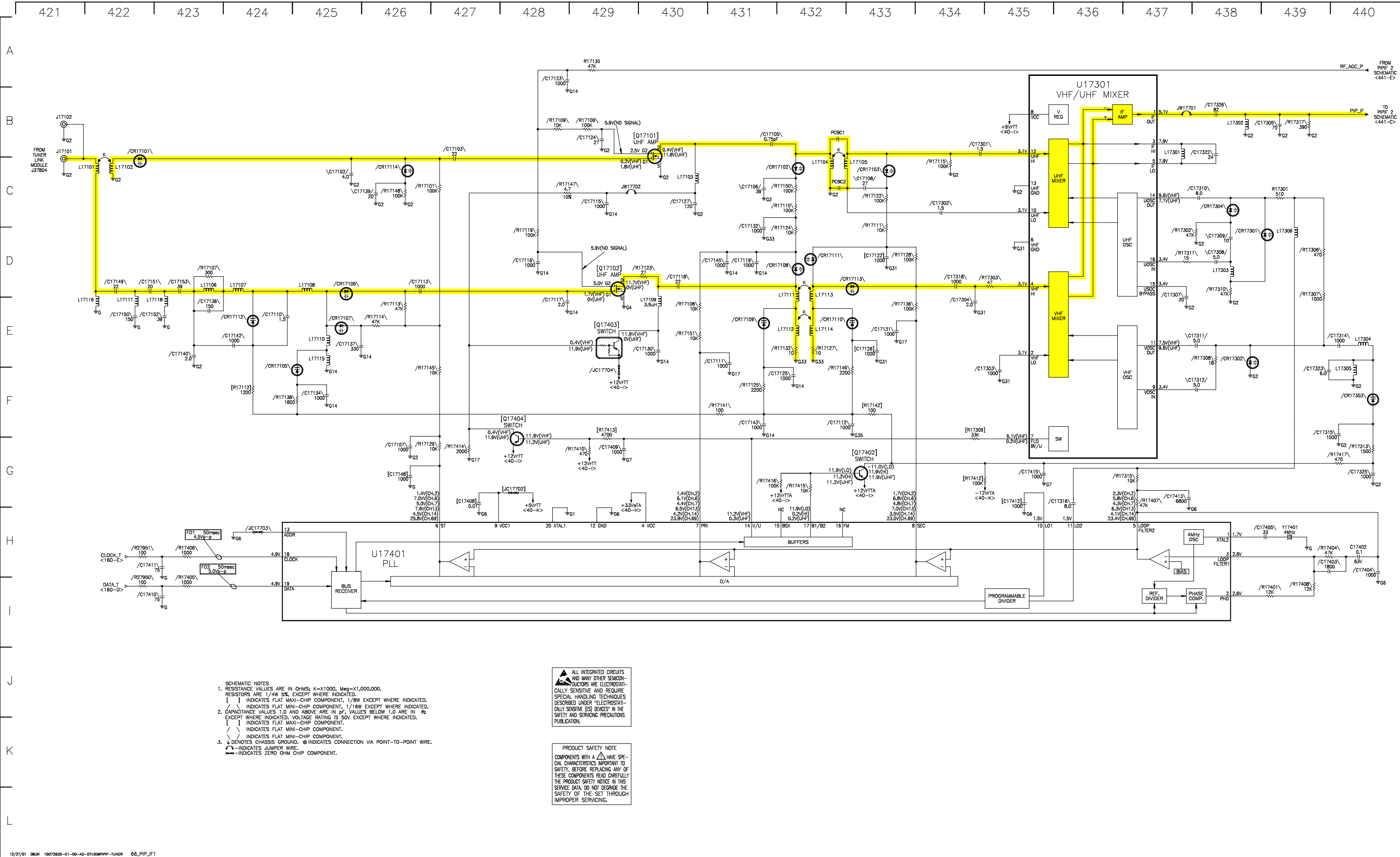








PS/DEFL PCB

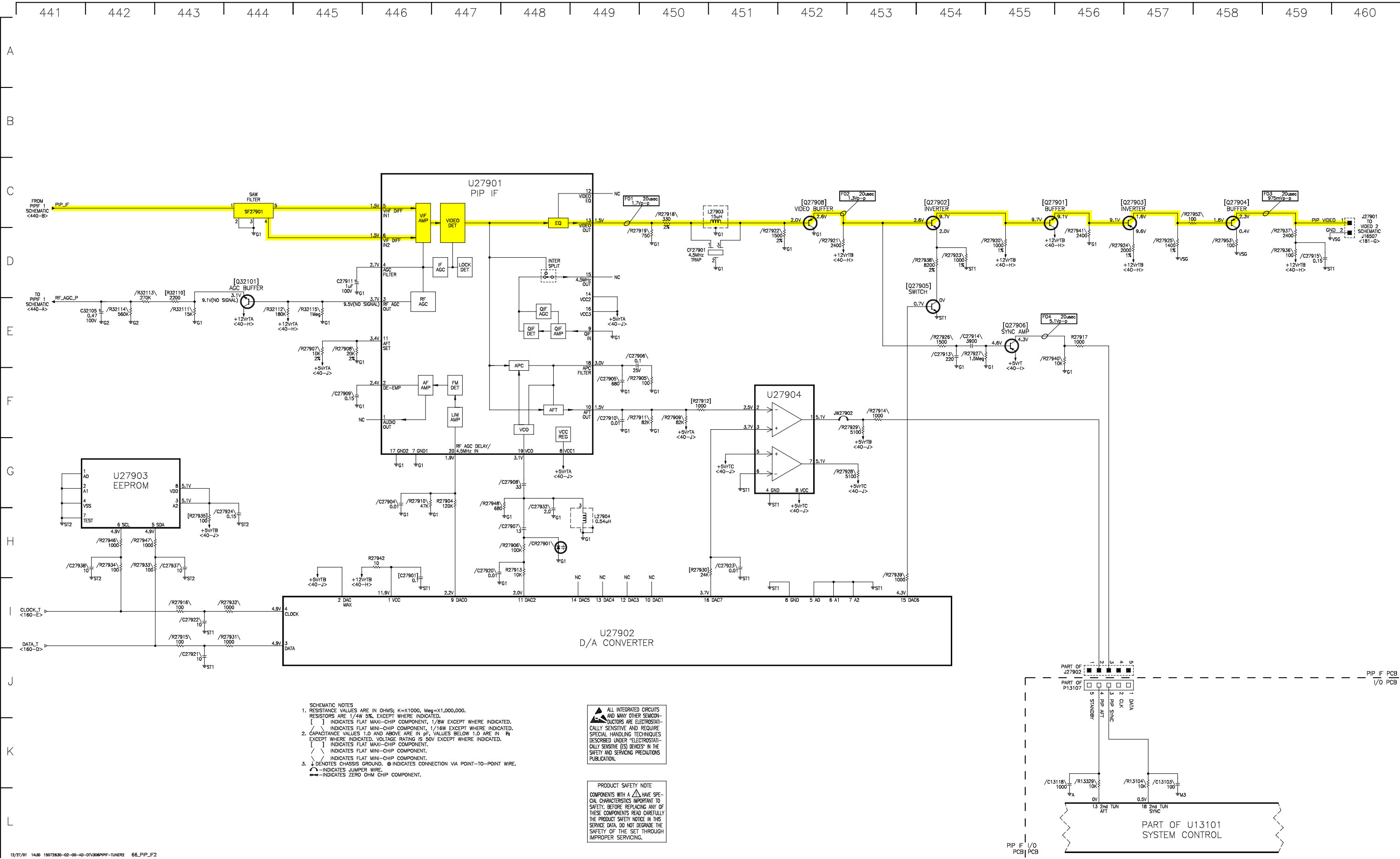


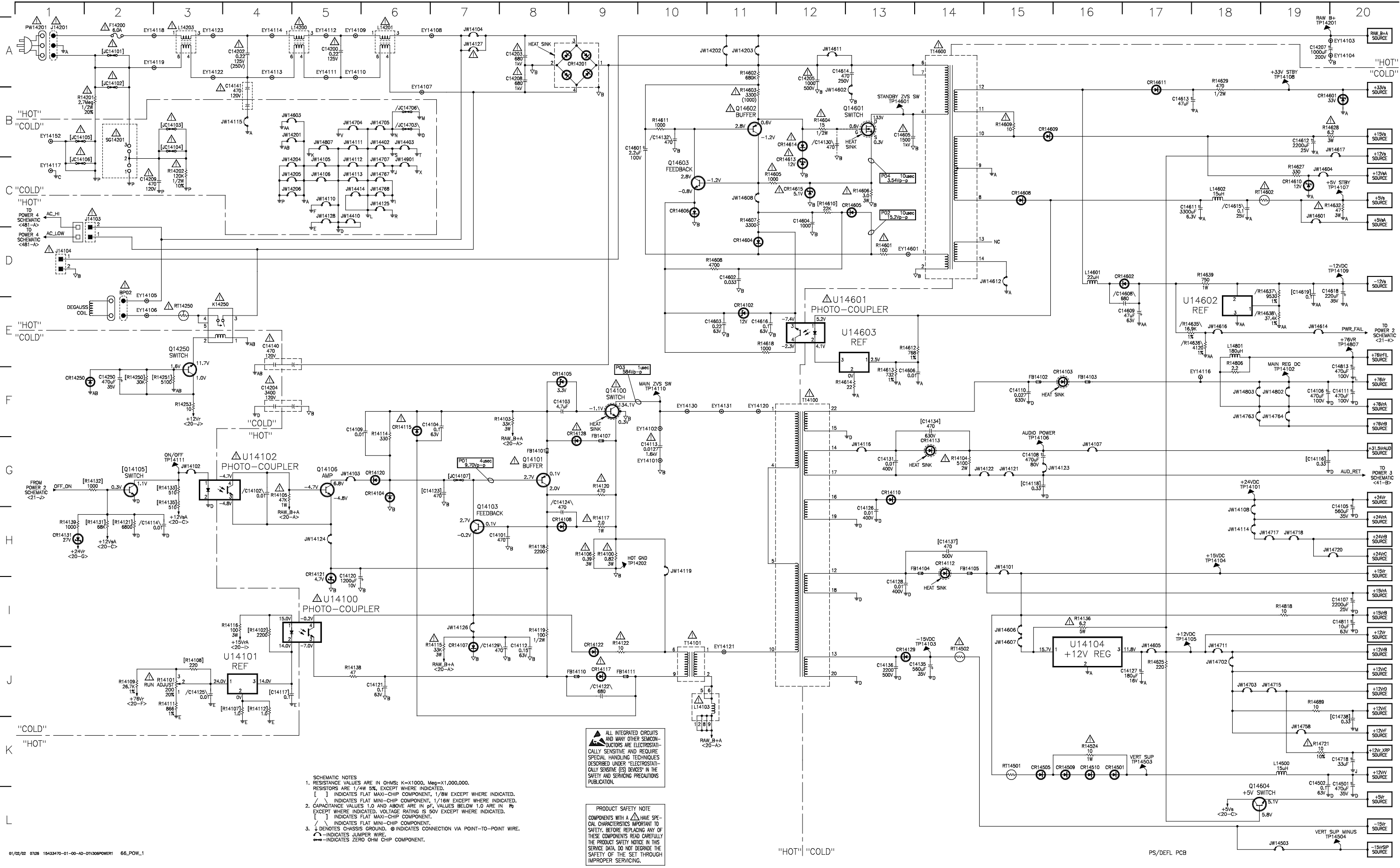
SCHEMATIC NOTES

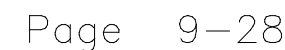
1. RESISTANCE VALUES ARE IN OHMS; K=X1000, Meg=X1,000,000. RESISTORS ARE 1/4W 5% EXCEPT WHERE INDICATED.
[] INDICATES FLAT MAXI-CHIP COMPONENT, 1/16W EXCEPT WHERE INDICATED.
[] INDICATES FLAT MINI-CHIP COMPONENT, 1/16W EXCEPT WHERE INDICATED.
2. CAPACITANCE VALUES 1.0 AND ABOVE ARE IN pF, VALUES BELOW 1.0 ARE IN fF EXCEPT WHERE INDICATED. VOLTAGE RATINGS IS 50V EXCEPT WHERE INDICATED.
[] INDICATES FLAT MAXI-CHIP COMPONENT.
[] INDICATES FLAT MINI-CHIP COMPONENT.
[] INDICATES FLAT MINI-CHIP COMPONENT.
3. ⊕ DENOTES CHASSIS GROUND. ⊙ INDICATES CONNECTION VIA POINT-TO-POINT WIRE.
— INDICATES JUMPER WIRE.
— INDICATES ZERO OHM CHIP COMPONENT.

ALL INTEGRATED CIRCUITS AND MANY OTHER SEMICONDUCTORS ARE ELECTROSTATICALLY SENSITIVE AND REQUIRE SPECIAL HANDLING TECHNIQUES DESCRIBED UNDER "ELECTROSTATICALLY SENSITIVE (ESD) DEVICES" IN THE SAFETY AND SERVICE PRECAUTIONS PUBLICATION.

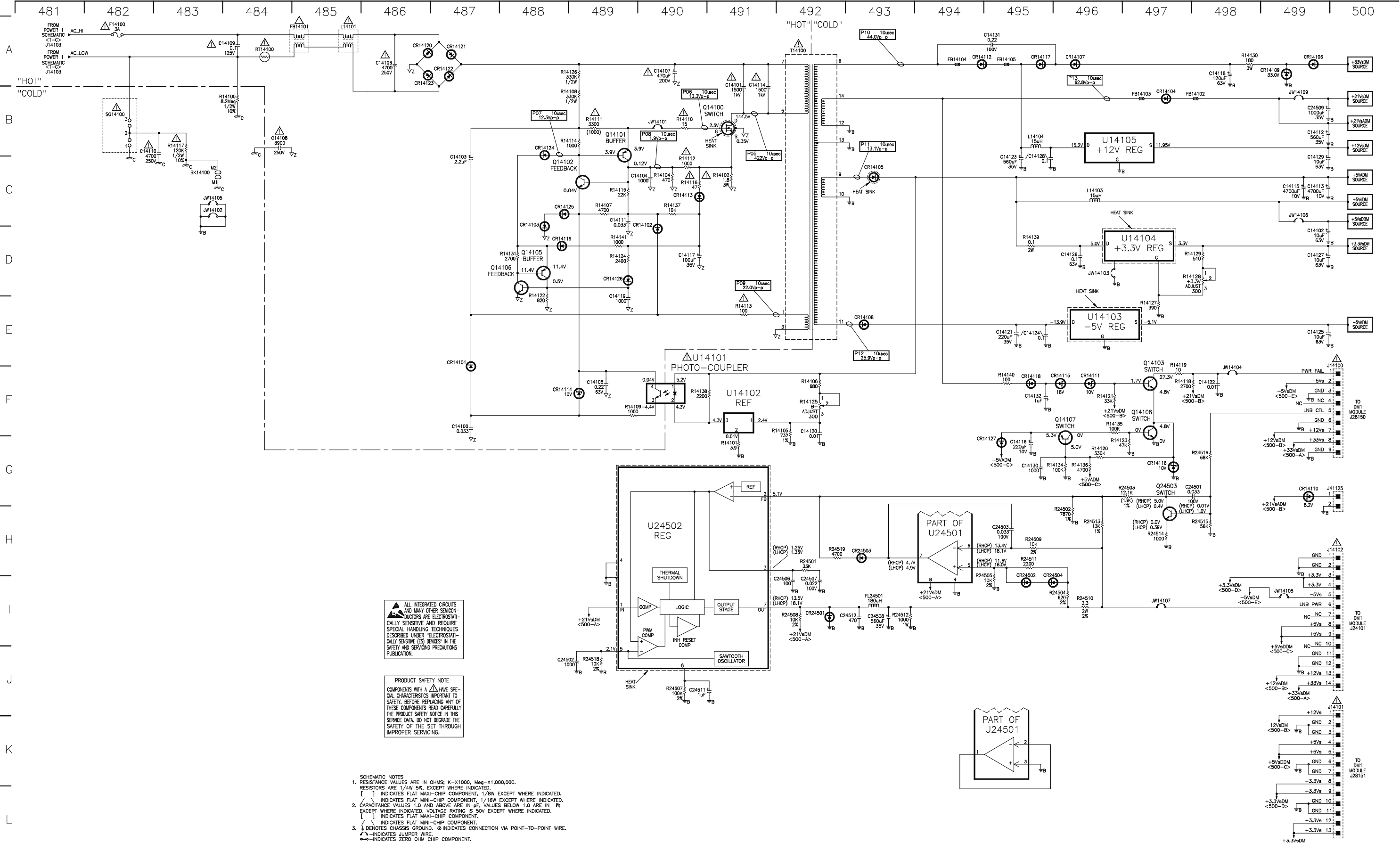
PRODUCT SAFETY NOTE
COMPONENTS WITH A ⚡ HAVE SPECIAL CHARACTERISTICS IMPORTANT TO SAFETY. BEFORE REPLACING ANY OF THESE COMPONENTS READ CAREFULLY THE PRODUCT SAFETY NOTICE IN THIS SERVICE DATA. DO NOT DEGRADE THE SAFETY OF THE SET THROUGH IMPROPER SERVICING.

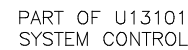


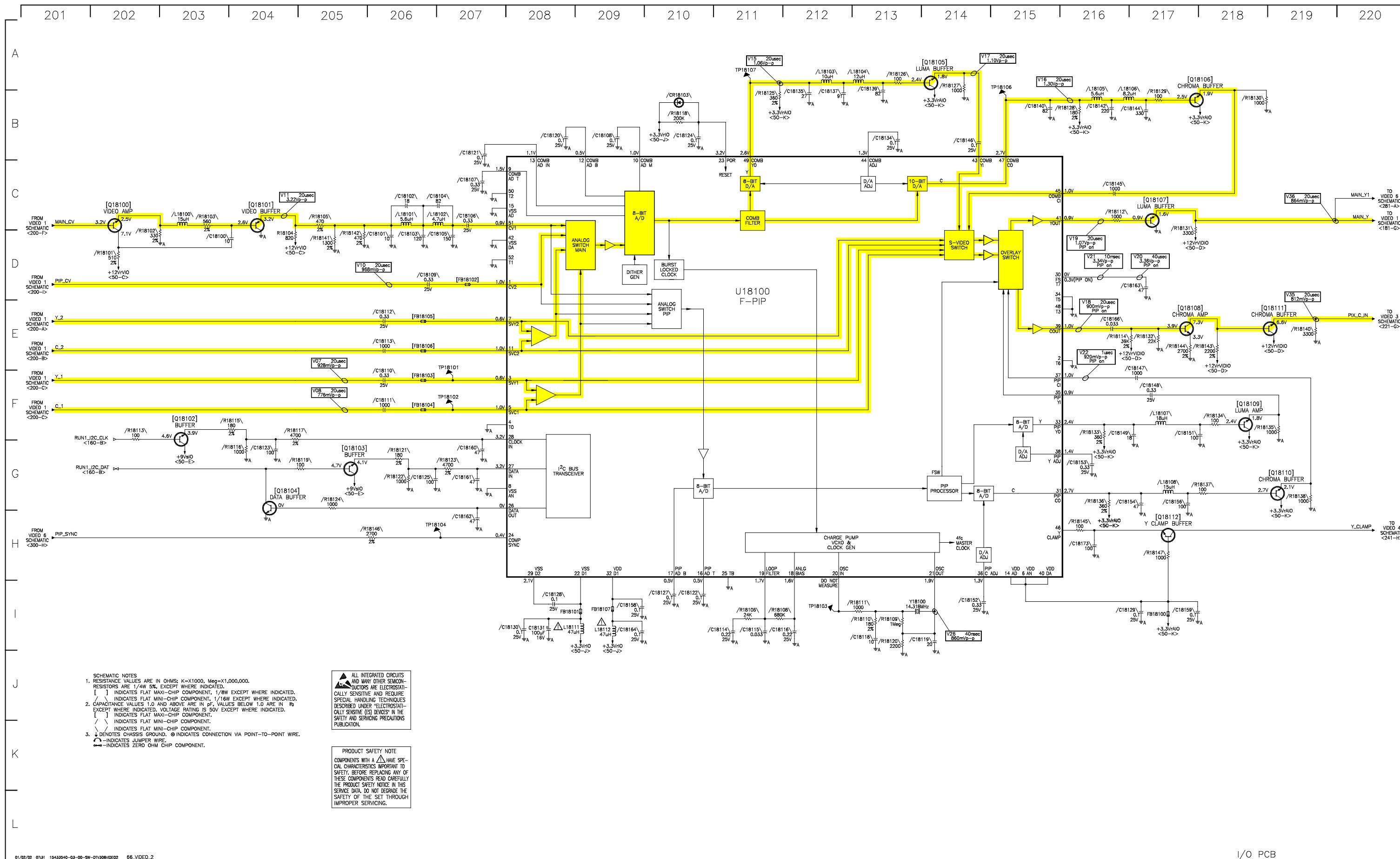


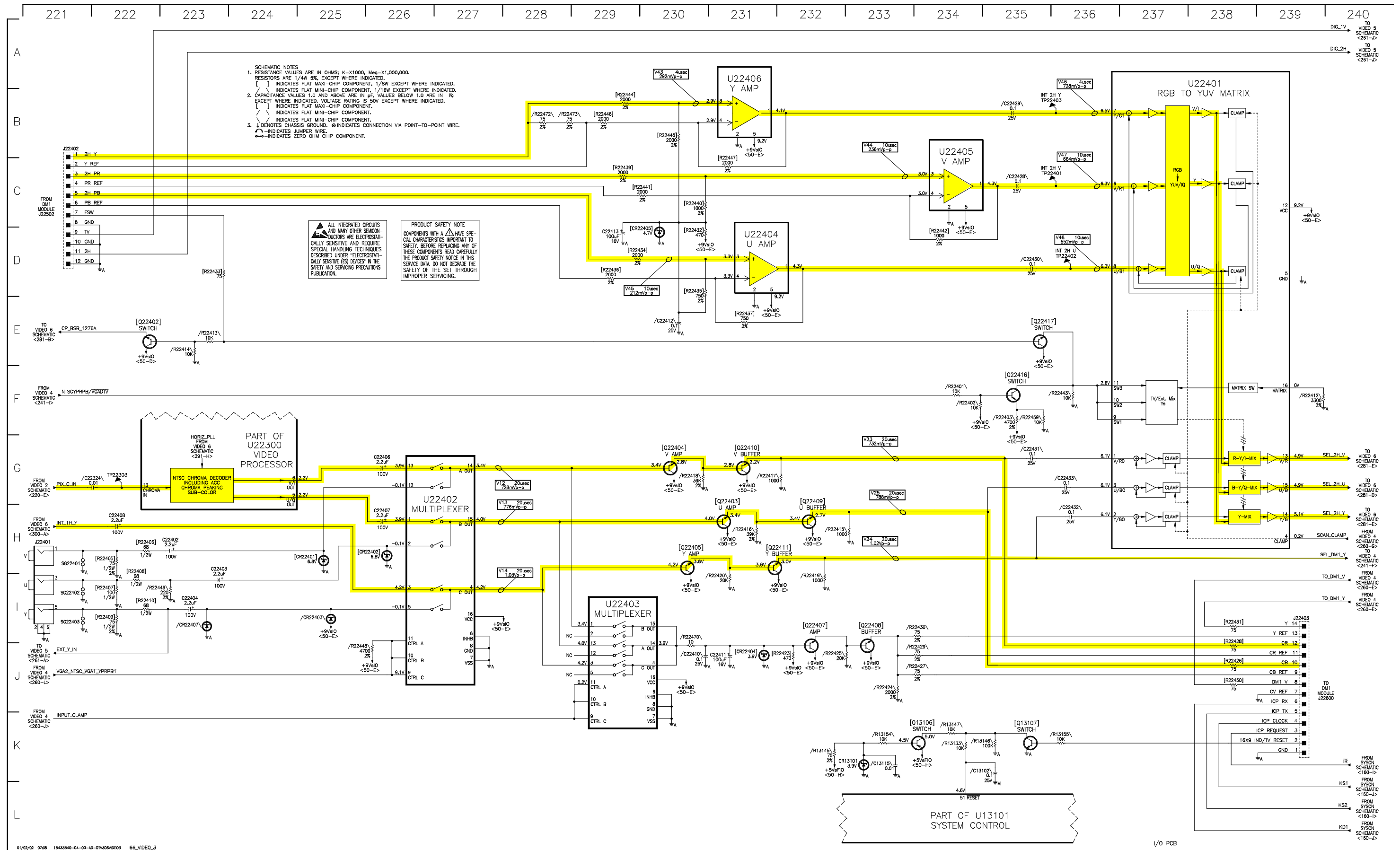




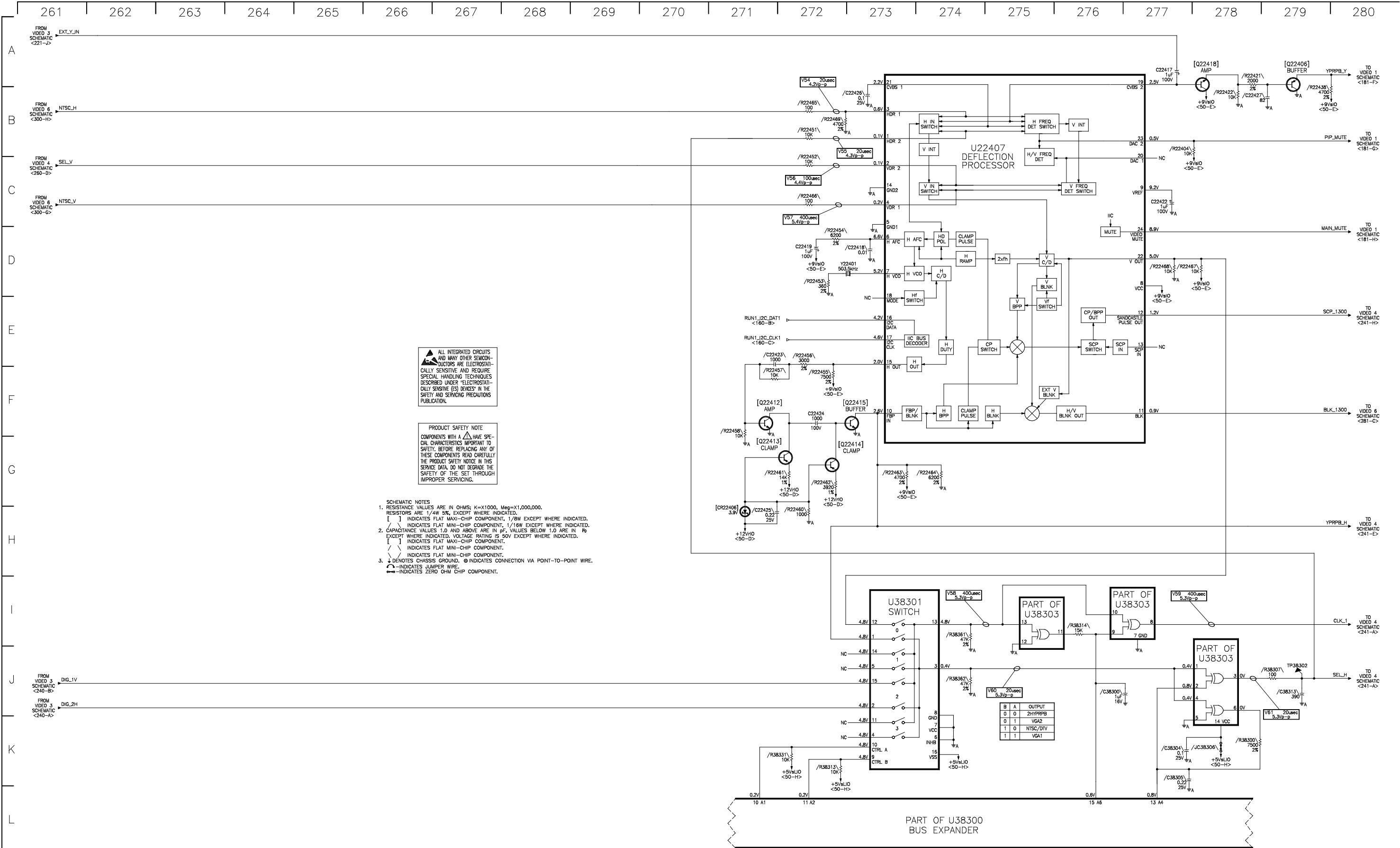


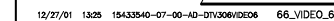


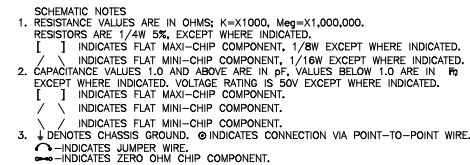












PARTS LIST

NSM=All Models

Symbol	Stock	Description	Model	Code
BARRIER	245524	BARRIER, TRAY BOTTOM	NSM	Z
BOOT	245489	BOOT, FOCUS	NSM	E
BRACKET	249553	BRACKET, HEATSINK SUPPORT	NSM	A
BRACKET	250795	BRACKET, FOCUS/SCREEN SUPPORT	NSM	E
BRACKET	249555	BRACKET, HEATSINK SUPPORT	NSM	A
BRACKET	250859	BRACKET, CABLE SUPPORT: DM1	NSM	E
BRACKET	245520	BRACKET, DEFLECTION SIP	NSM	E
BRACKET	245518	BRACKET, FAN SUPPORT	NSM	E
BRACKET	243214	BRACKET, GROUND	NSM	E
BUTTON	251013	BUTTON CLUSTER	PS38000JX2(GC)	A
BUTTON	251013	BUTTON CLUSTER	PS34000JX2(GC)	A
BUTTON	250936	BUTTON CLUSTER	F38310JX2(GC)	A
BUTTON	251013	BUTTON CLUSTER	PS38000JX1(CB)	A
BUTTON	251013	BUTTON CLUSTER	PS34000JX1(CB)	A
BUTTON	250936	BUTTON CLUSTER	F38310JX1(CB)	A
BUTTON	250936	BUTTON CLUSTER	F38310JX3(CB)	A
BUTTON	250936	BUTTON CLUSTER	F38310JX4(GC)	A
BUTTON	250936	BUTTON CLUSTER	F38310JX5(GCC)	A
BUTTON	251013	BUTTON CLUSTER	PS38000JX3(CB)	A
BUTTON	251013	BUTTON CLUSTER	PS38000JX4(GC)	A
C11300	156239	CAP LYTC 10UF M 63V	NSM	E
C11301	156239	CAP LYTC 10UF M 63V	NSM	E
C11304	156239	CAP LYTC 10UF M 63V	NSM	E
C11305	156239	CAP LYTC 10UF M 63V	NSM	E
C11306	223350	CAP LYTC 100UF M 35V	NSM	E
C11308	227351	CAP LYTC 470UF M 16V	NSM	E
C11310	222008	CAPCC .1UF K X7R 25V	NSM	E
C11400	156239	CAP LYTC 10UF M 63V	NSM	E
C11405	156239	CAP LYTC 10UF M 63V	NSM	E
C11406	156239	CAP LYTC 10UF M 63V	NSM	E
C11407	156239	CAP LYTC 10UF M 63V	NSM	E
C11408	156239	CAP LYTC 10UF M 63V	NSM	E
C11409	156239	CAP LYTC 10UF M 63V	NSM	E
C11410	156239	CAP LYTC 10UF M 63V	NSM	E
C11417	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11418	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11419	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11420	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11421	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11422	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11423	222008	CAPCC .1UF K X7R 25V	NSM	E
C11424	243275	CAPACITOR	NSM	E
C11425	222008	CAPCC .1UF K X7R 25V	NSM	E
C11426	243401	CAPACITOR	NSM	E
C11427	243401	CAPACITOR	NSM	E
C11428	243275	CAPACITOR	NSM	E
C11429	243401	CAPACITOR	NSM	E
C11430	243401	CAPACITOR	NSM	E
C11431	243401	CAPACITOR	NSM	E

C11432	243401	CAPACITOR	NSM	E
C11433	243401	CAPACITOR	NSM	E
C11434	243401	CAPACITOR	NSM	E
C11435	243401	CAPACITOR	NSM	E
C11436	243401	CAPACITOR	NSM	E
C11437	222008	CAPCC .1UF K X7R 25V	NSM	E
C11438	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11439	156239	CAP LYTC 10UF M 63V	NSM	E
C11440	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11441	156239	CAP LYTC 10UF M 63V	NSM	E
C11442	243275	CAPACITOR	NSM	E
C11442	214728	CAP LYTC 100UF M 10V	NSM	E
C11445	243401	CAPACITOR	NSM	E
C11446	243401	CAPACITOR	NSM	E
C11447	243401	CAPACITOR	NSM	E
C11448	243401	CAPACITOR	NSM	E
C11449	222008	CAPCC .1UF K X7R 25V	NSM	E
C11501	195691	CAPACITOR	NSM	E
C11502	156239	CAP LYTC 10UF M 63V	NSM	E
C11503	195691	CAPACITOR	NSM	E
C11504	222008	CAPCC .1UF K X7R 25V	NSM	E
C11518	190499	CAP LYTC 4.7UF M 100V	NSM	E
C11519	190499	CAP LYTC 4.7UF M 100V	NSM	E
C11700	190499	CAP LYTC 4.7UF M 100V	NSM	E
C11701	190499	CAP LYTC 4.7UF M 100V	NSM	E
C11702	205230	CAPACITOR	NSM	E
C11703	194911	CAPCC 33PF J 50V	NSM	E
C11704	156239	CAP LYTC 10UF M 63V	NSM	E
C11705	193043	CAP LYTC 47UF M 35V	NSM	E
C11706	220155	CAPCC 560PF J NPO 50V	NSM	E
C11707	222008	CAPCC .1UF K X7R 25V	NSM	E
C11708	222008	CAPCC .1UF K X7R 25V	NSM	E
C11709	217298	CAPCC 0.22UF Z Y5V 25V	NSM	E
C11710	195689	CAPCC .01UF K X7R 50V	NSM	E
C11711	214731	CAPACITOR	NSM	E
C11712	222008	CAPCC .1UF K X7R 25V	NSM	E
C11805	243401	CAPACITOR	NSM	E
C11806	243401	CAPACITOR	NSM	E
C11807	227898	CAP LYTC 470UF M 16V	NSM	E
C11808	200537	CAPACITOR	NSM	E
C11809	200537	CAPACITOR	NSM	E
C11810	222008	CAPCC .1UF K X7R 25V	NSM	E
C11811	156239	CAP LYTC 10UF M 63V	NSM	E
C11812	201131	CAPCC .18UF Z Y5V 50V	NSM	E
C11813	174422	CAPCC 2700PF K X7R 50V	NSM	E
C11814	201131	CAPCC .18UF Z Y5V 50V	NSM	E
C11815	174422	CAPCC 2700PF K X7R 50V	NSM	E
C11816	201131	CAPCC .18UF Z Y5V 50V	NSM	E
C11817	201131	CAPCC .18UF Z Y5V 50V	NSM	E
C11900	243275	CAPACITOR	NSM	E
C11901	175119	CAP LYTC 1000UF M 35V	NSM	E
C11902	175119	CAP LYTC 1000UF M 35V	NSM	E

C11903	190499	CAP LYTC 4.7UF M 100V	NSM	E
C11904	190499	CAP LYTC 4.7UF M 100V	NSM	E
C11905	243275	CAPACITOR	NSM	E
C11906	216078	CAPCC 1UF Z 16V	NSM	E
C11906	223350	CAP LYTC 100UF M 35V	NSM	E
C11907	216078	CAPCC 1UF Z 16V	NSM	E
C11907	195691	CAPACITOR	NSM	E
C11908	175119	CAP LYTC 1000UF M 35V	NSM	E
C11909	195689	CAPCC .01UF K X7R 50V	NSM	E
C11910	205230	CAPACITOR	NSM	E
C11911	205551	CAPACITOR	NSM	E
C11911	193340	CAPCC 100PF J NPO 50V	NSM	E
C11912	222008	CAPCC .1UF K X7R 25V	NSM	E
C11913	220155	CAPCC 560PF J NPO 50V	NSM	E
C11914	222008	CAPCC .1UF K X7R 25V	NSM	E
C11915	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11916	193340	CAPCC 100PF J NPO 50V	NSM	E
C11917	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11918	220155	CAPCC 560PF J NPO 50V	NSM	E
C11919	193340	CAPCC 100PF J NPO 50V	NSM	E
C11920	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11921	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11922	205230	CAPACITOR	NSM	E
C11923	222008	CAPCC .1UF K X7R 25V	NSM	E
C11924	205551	CAPACITOR	NSM	E
C11924	193340	CAPCC 100PF J NPO 50V	NSM	E
C11925	222008	CAPCC .1UF K X7R 25V	NSM	E
C11926	193340	CAPCC 100PF J NPO 50V	NSM	E
C11927	222008	CAPCC .1UF K X7R 25V	NSM	E
C11927	193340	CAPCC 100PF J NPO 50V	NSM	E
C11928	156239	CAP LYTC 10UF M 63V	NSM	E
C11929	156239	CAP LYTC 10UF M 63V	NSM	E
C11930	227898	CAP LYTC 470UF M 16V	NSM	E
C11931	202011	CAP POLY .1UF J 63V	NSM	E
C11932	202011	CAP POLY .1UF J 63V	NSM	E
C11933	181840	CAPACITOR	NSM	E
C11934	181840	CAPACITOR	NSM	E
C11935	190552	CAPCC .1UF K X7R 50V	NSM	E
C11936	216078	CAPCC 1UF Z 16V	NSM	E
C11937	216078	CAPCC 1UF Z 16V	NSM	E
C11938	190552	CAPCC .1UF K X7R 50V	NSM	E
C11939	193340	CAPCC 100PF J NPO 50V	NSM	E
C11940	193043	CAP LYTC 47UF M 35V	NSM	E
C11941	156239	CAP LYTC 10UF M 63V	NSM	E
C11943	222008	CAPCC .1UF K X7R 25V	NSM	E
C11943	223350	CAP LYTC 100UF M 35V	NSM	E
C11944	193340	CAPCC 100PF J NPO 50V	NSM	E
C11947	175119	CAP LYTC 1000UF M 35V	NSM	E
C11948	193340	CAPCC 100PF J NPO 50V	NSM	E
C11949	193340	CAPCC 100PF J NPO 50V	NSM	E
C11950	206401	CAPCC .39UF Z Y5V 25V	NSM	E
C11951	206401	CAPCC .39UF Z Y5V 25V	NSM	E

C11952	222008	CAPCC .1UF K X7R 25V	NSM	E
C11953	222008	CAPCC .1UF K X7R 25V	NSM	E
C13101	195689	CAPCC .01UF K X7R 50V	NSM	E
C13102	222008	CAPCC .1UF K X7R 25V	NSM	E
C13103	193340	CAPCC 100PF J NPO 50V	NSM	E
C13104	222008	CAPCC .1UF K X7R 25V	NSM	E
C13105	220998	CAP LYTC 1UF M 100V	NSM	E
C13106	231459	CAPCC 24PF G NPO 50V	NSM	E
C13107	231459	CAPCC 24PF G NPO 50V	NSM	E
C13111	181460	CAPCC 1000PF K X7R 50V	NSM	E
C13113	222008	CAPCC .1UF K X7R 25V	NSM	E
C13114	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13115	195689	CAPCC .01UF K X7R 50V	NSM	E
C13116	195689	CAPCC .01UF K X7R 50V	NSM	E
C13117	222008	CAPCC .1UF K X7R 25V	NSM	E
C13118	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13119	222008	CAPCC .1UF K X7R 25V	NSM	E
C13120	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13121	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13125	195689	CAPCC .01UF K X7R 50V	NSM	E
C13126	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13128	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13130	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13131	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13132	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13133	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13134	156239	CAP LYTC 10UF M 63V	NSM	E
C13138	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13144	193579	CAP LYTC 220UF M 10V	NSM	E
C13147	193340	CAPCC 100PF J NPO 50V	NSM	E
C13163	222008	CAPCC .1UF K X7R 25V	NSM	E
C13166	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13167	193340	CAPCC 100PF J NPO 50V	NSM	E
C13168	205551	CAPACITOR	NSM	E
C13169	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13170	193340	CAPCC 100PF J NPO 50V	NSM	E
C13171	193340	CAPCC 100PF J NPO 50V	NSM	E
C13172	222008	CAPCC .1UF K X7R 25V	NSM	E
C13208	214028	CAPCC 18PF J NPO 50V	NSM	E
C13209	214028	CAPCC 18PF J NPO 50V	NSM	E
C13210	214028	CAPCC 18PF J NPO 50V	NSM	E
C13211	193339	CAPCC 68PF J NPO 50V	NSM	E
C13212	193339	CAPCC 68PF J NPO 50V	NSM	E
C13213	193339	CAPCC 68PF J NPO 50V	NSM	E
C13214	193917	CAPCC 5PF C NPO 50V	NSM	E
C13215	214028	CAPCC 18PF J NPO 50V	NSM	E
C13219	195689	CAPCC .01UF K X7R 50V	NSM	E
C13227	222008	CAPCC .1UF K X7R 25V	NSM	E
C13228	222008	CAPCC .1UF K X7R 25V	NSM	E
C13241	222008	CAPCC .1UF K X7R 25V	NSM	E
C13301	197607	CAPCC 2200PF K X7R 50V	NSM	E
C13302	197607	CAPCC 2200PF K X7R 50V	NSM	E

C13307	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13312	193340	CAPCC 100PF J NPO 50V	NSM	E
C13401	214073	CAP POLY .01UF K 100V	NSM	E
C13402	237535	CAP LYTC 22UF M 10V	NSM	E
C14100	242880	CAPCD .033UF Z Z5V 50V	NSM	E
C14101	148067	CAPCD 470PF K Z5P 50V	NSM	E
C14101	242881	CAPCD 1500PF M R 1KV	NSM	A
C14102	195689	CAPCC .01UF K X7R 50V	NSM	E
C14102	248985	CAP LYTC 10UF +20% 63.0V 105C	NSM	E
C14103	243774	CAP LYTC 4.7UF M 50V	NSM	E
C14103	248986	CAP LYTC 2.2UF +20% 50.0V 105C	NSM	E
C14104	200141	CAP POLY .1UF K 63V	NSM	E
C14104	143879	CAPCD 1000PF K Y5P 50V	NSM	E
C14105	232210	CAP LYTC 560UF M 35V	NSM	E
C14105	224271	CAP POLY .22UF K 63V	NSM	E
C14106	243775	CAP LYTC 470UF M 100V	NSM	E
C14106	243397	CAPCD .0047UF 20%	NSM	A
C14107	243776	CAP LYTC 2200UF M 25V	NSM	E
C14107	250728	CAP LYTC 470UF 200V 105DEG	NSM	A
C14108	243777	CAP LYTC 470UF M 80V	NSM	E
C14108	233214	CAPCD 3900PF M Y5U 250V	NSM	A
C14109	240934	CAPCD .01UF K Z5P 50V	NSM	E
C14109	229322	CAP POLY .1UF M 125V	NSM	A
C14110	243778	CAP POLY .027UF J 630V	NSM	A
C14110	243397	CAPCD .0047UF 20%	NSM	A
C14111	243775	CAP LYTC 470UF M 100V	NSM	E
C14111	242880	CAPCD .033UF Z Z5V 50V	NSM	E
C14112	227073	CAP POLY .15UF J 63V	NSM	E
C14112	232210	CAP LYTC 560UF M 35V	NSM	E
C14113	214062	CAP POLY .00127UF HP	NSM	A
C14113	248988	CAP LYTC 4700UF 20% 10.0V 105C	NSM	E
C14114	195689	CAPCC .01UF K X7R 50V	NSM	E
C14114	242881	CAPCD 1500PF M R 1KV	NSM	A
C14115	248988	CAP LYTC 4700UF 20% 10.0V 105C	NSM	A
C14116	243779	CAPACITOR	NSM	E
C14116	242884	CAPACITOR	NSM	E
C14117	190552	CAPCC .1UF K X7R 50V	NSM	E
C14117	246954	CAPACITOR	NSM	E
C14118	243779	CAPACITOR	NSM	E
C14118	248989	CAP LYTC 120UF +20% 63V 105C	NSM	E
C14119	143879	CAPCD 1000PF K Y5P 50V	NSM	E
C14120	223336	CAP LYTC 1200UF M 10V	NSM	E
C14120	240934	CAPCD .01UF K Y5P 50V	NSM	E
C14121	200141	CAP POLY .1UF K 63V	NSM	E
C14121	240097	CAP LYTC 220UF 35V	NSM	E
C14122	220344	CAPCC 680PF J NPO 50V	NSM	E
C14122	240934	CAPCD .01UF K Y5P 50V	NSM	E
C14123	174416	CAPCC 470PF K NPO 50V	NSM	E
C14123	232210	CAP LYTC 560UF M 35V	NSM	E
C14124	214732	CAPACITOR	NSM	E
C14124	200141	CAP POLY .1UF K 63V	NSM	E
C14125	195689	CAPCC .01UF K X7R 50V	NSM	E

C14125	248985	CAP LYTC 10UF +20% 63.0V 105C	NSM	E
C14126	243780	CAP POLY .01UF J 400V	NSM	E
C14126	200141	CAP POLY .1UF K 63V	NSM	E
C14127	190500	CAP LYTC 180UF M 16V	NSM	E
C14127	248985	CAP LYTC 10UF +20% 63.0V 105C	NSM	E
C14128	243780	CAP POLY .01UF J 400V	NSM	E
C14128	200141	CAP POLY .1UF K 63V	NSM	E
C14129	214732	CAPACITOR	NSM	E
C14129	248985	CAP LYTC 10UF +20% 63.0V 105C	NSM	E
C14130	214732	CAPACITOR	NSM	E
C14130	143879	CAPCD 1000PF K Y5P 50V	NSM	E
C14131	243780	CAP POLY .01UF J 400V	NSM	E
C14131	190523	CAP POLY .22UF K 100V	NSM	E
C14132	214732	CAPACITOR	NSM	E
C14132	246950	CAPACITOR	NSM	E
C14133	243788	CAPACITOR	NSM	E
C14134	227050	CAPCC 470PF K NPO 500V	NSM	E
C14134	217304	CAPCD 680PF M Z5U 120V	NSM	A
C14135	232210	CAP LYTC 560UF M 35V	NSM	E
C14136	243780	CAP POLY .01UF J 400V	NSM	E
C14137	227050	CAPCC 470PF K NPO 500V	NSM	E
C14140	250102	CAP CAPRISTOR	NSM	A
C14141	250102	CAP CAPRISTOR	NSM	A
C14200	214067	CAP POLY .22UF M 125V	NSM	A
C14202	214067	CAP POLY .22UF M 125V	NSM	A
C14203	190538	CAPCD 680PF M Z5P 1KV	NSM	A
C14204	223330	CAPCD 3400PF M Z5V 120V	NSM	A
C14205	195749	CAPCD.012UF M Z5U 250V	NSM	A
C14207	243781	CAP LYTC 1000UF M 200V	NSM	A
C14208	190538	CAPCD 680PF M Z5P 1KV	NSM	A
C14209	250102	CAP CAPRISTOR	NSM	A
C14250	190496	CAP LYTC 470UF M 35V	NSM	E
C14301	214698	CAP LYTC 10UF M 63V	NSM	E
C14303	214732	CAPACITOR	NSM	E
C14304	205230	CAPACITOR	NSM	E
C14305	227898	CAP LYTC 470UF M 16V	NSM	E
C14306	220155	CAPCC 560PF J NPO 50V	NSM	E
C14307	227898	CAP LYTC 470UF M 16V	NSM	A
C14308	214732	CAPACITOR	NSM	E
C14353	222008	CAPCC .1UF K X7R 25V	NSM	E
C14354	222008	CAPCC .1UF K X7R 25V	NSM	E
C14355	222008	CAPCC .1UF K X7R 25V	NSM	E
C14356	222008	CAPCC .1UF K X7R 25V	NSM	E
C14357	214698	CAP LYTC 10UF M 63V	NSM	E
C14358	222008	CAPCC .1UF K X7R 25V	NSM	E
C14452	142765	CAPCD 4700PF K Z5P 250V	NSM	E
C14453	250732	CAP POLY .0087UF 3.5% 2KV	NSM	A
C14454	250733	CAP POLY .43UF 2.5% 400V	NSM	A
C14455	243786	CAP POLY 1UF K 400V	NSM	A
C14455	190524	CAPACITOR	NSM	A
C14456	227068	CAPCD 470PF J SL 2KV	NSM	A
C14459	205230	CAPACITOR	NSM	E

C14460	190524	CAPACITOR	NSM	A
C14461	243788	CAPACITOR	NSM	E
C14461	102230	CAPCD 470PF K Z5P 500V	NSM	E
C14462	248591	CAP POLY 2.2UF K 250V	NSM	A
C14462	102230	CAPCD 470PF K Z5P 500V	NSM	A
C14462	204296	CAP POLY 2.06UF J 250V	NSM	A
C14465	245441	CAPCC 1UF K X7R 16V	NSM	E
C14466	245441	CAPCC 1UF K X7R 16V	NSM	E
C14501	247995	CAP LYTC 470UF M 35V	NSM	E
C14502	200141	CAP POLY .1UF K 63V	NSM	E
C14503	247996	CAPACITOR	NSM	E
C14504	222008	CAPCC .1UF K X7R 25V	NSM	E
C14505	190523	CAPACITOR	NSM	E
C14506	214755	CAP LYTC 2200UF M 25V	NSM	E
C14507	222008	CAPCC .1UF K X7R 25V	NSM	E
C14508	222008	CAPCC .1UF K X7R 25V	NSM	E
C14530	181840	CAPACITOR	NSM	E
C14531	214732	CAPACITOR	NSM	E
C14532	222008	CAPCC .1UF K X7R 25V	NSM	E
C14535	220344	CAPCC 680PF J NPO 50V	NSM	E
C14536	197600	CAPCC 1000PF K X7R 50V	NSM	E
C14537	214732	CAPACITOR	NSM	E
C14538	214032	CAPACITOR	NSM	E
C14539	227360	CAPCC 8.2PF D NP0 50V	NSM	E
C14540	195689	CAPCC .01UF K X7R 50V	NSM	E
C14541	195689	CAPCC .01UF K X7R 50V	NSM	E
C14542	222008	CAPCC .1UF K X7R 25V	NSM	E
C14556	224275	CAP POLY 4700PF J 100V	NSM	E
C14557	222008	CAPCC .1UF K X7R 25V	NSM	E
C14558	194911	CAPCC 33PF J 50V	NSM	E
C14559	205230	CAPACITOR	NSM	E
C14601	242026	CAPACITOR	NSM	E
C14602	242880	CAPCD .033UF Z Z5V 50V	NSM	E
C14603	224271	CAP POLY .22UF K 63V	NSM	E
C14604	143879	CAPCD 1000PF K Y5P 50V	NSM	E
C14605	242881	CAPACITOR	NSM	A
C14606	240934	CAPCD .01UF K Z5P 50V	NSM	E
C14608	220344	CAPCC 680PF J NPO 50V	NSM	E
C14609	223351	CAPACITOR	NSM	E
C14611	243205	CAP LYTC 3300UF M 6.3V	NSM	E
C14612	248590	CAP LYTC 2200PF M 25V	NSM	E
C14612	227019	CAP LYTC 1500UF M 25V	NSM	E
C14613	193623	CAP LYTC 47UF M 50V	NSM	E
C14614	146179	CAPCD 470PF K Z5P 250V	NSM	E
C14615	222008	CAPCC .1UF K X7R 25V	NSM	E
C14616	200141	CAP POLY .1UF K 63V	NSM	E
C14617	195689	CAPCC .01UF K X7R 50V	NSM	E
C14619	190552	CAPCC .1UF K X7R 50V	NSM	E
C14700	243792	CAPCD 2200PF M Z5P 2KV	NSM	A
C14701	243793	CAP LYTC 33UF M 26V	NSM	E
C14702	250734	CAP POLY .0162UF 3.5% 1.6KV	NSM	A
C14703	243794	CAPACITOR	NSM	E

C14704	243795	CAP POLY 3.3UF J 250V	NSM	A
C14705	227050	CAPCC 470PF K NPO 500V	NSM	E
C14706	227071	CAP LYTC 47UF M 315V	NSM	E
C14707	226501	CAP POLY 2200PF K 100V	NSM	E
C14707	143871	CAPCD 100PF J NPO 50V	NSM	E
C14708	224271	CAP POLY .22UF J 63V	NSM	E
C14709	243779	CAPACITOR	NSM	E
C14710	215555	CAPCC .01UF K X7R 50V	NSM	E
C14711	223350	CAP LYTC 100UF M 35V	NSM	E
C14712	214057	CAPACITOR	NSM	E
C14713	214748	CAP POLY .033UF K 100V	NSM	E
C14714	214049	CAPACITOR	NSM	E
C14715	153925	CAP POLY .1UF K 100V	NSM	E
C14716	257022	CAP POLY .018UF K 100V	NSM	E
C14717	243796	CAP POLY 6800PF M 100V	NSM	E
C14718	221142	CAP LYTC 33UF M 35V	NSM	E
C14719	257023	CAP POLY .01UF J 100V	NSM	E
C14721	243797	CAPCD 39PF J SL 50V	NSM	A
C14722	193340	CAPCC 100PF J NPO 50V	NSM	E
C14723	226300	CAPCD 3300PF K Z5P 3KV	NSM	A
C14724	205227	CAPCC 330PF J NPO 50V	NSM	E
C14725	197600	CAPCC 1000PF K X7R 50V	NSM	E
C14726	214015	CAP POLY 1UF K 63V	NSM	E
C14727	226300	CAPCD 3300PF K Z5P 3KV	NSM	A
C14728	257045	CAPCD 180PF J SL 2KV	NSM	A
C14729	227068	CAPCD 470PF J SL 2KV	NSM	A
C14730	243798	CAPCD 82PF J SL 2KV	NSM	A
C14731	214698	CAP LYTC 10UF M 63V	NSM	E
C14732	243799	CAPCD 180PF M Z5P 500V	NSM	A
C14734	193043	CAP LYTC 47UF M 35V	NSM	E
C14735	220204	CAP POLY .01UF K 250V	NSM	E
C14736	193043	CAP LYTC 47UF M 35V	NSM	E
C14737	223350	CAP LYTC 100UF M 35V	NSM	E
C14738	243779	CAPACITOR	NSM	E
C14740	222008	CAPCC .1UF K X7R 25V	NSM	E
C14741	215555	CAPCC .01UF K X7R 50V	NSM	E
C14742	200141	CAP POLY .1UF K 63V	NSM	E
C14743	222008	CAPCC .1UF K X7R 25V	NSM	E
C14745	205230	CAPACITOR	NSM	E
C14746	193340	CAPCC 100PF J NPO 50V	NSM	E
C14748	243794	CAPACITOR	NSM	E
C14748	227050	CAPCC 470PF K NPO 500V	NSM	E
C14750	222008	CAPCC .1UF K X7R 25V	NSM	E
C14751	243775	CAP LYTC 470UF M 100V	NSM	E
C14752	214698	CAP LYTC 10UF M 63V	NSM	E
C14753	205227	CAPCC 330PF J NPO 50V	NSM	E
C14754	222008	CAPCC .1UF K X7R 25V	NSM	E
C14755	195689	CAPCC .01UF K X7R 50V	NSM	E
C14756	243800	CAPACITOR	NSM	E
C14757	243788	CAPACITOR	NSM	E
C14758	200144	CAPACITOR	NSM	E
C14759	182298	CAP POLY .015UF K 100V	NSM	E

C14761	214732	CAPACITOR	NSM	E
C14762	223350	CAP LYTC 100UF M 35V	NSM	E
C14763	195689	CAPCC .01UF K X7R 50V	NSM	E
C14764	143879	CAPCD 1000PF K Y5P 50V	NSM	E
C14765	243801	CAPCD 560PF M Z5P 1KV	NSM	A
C14775	195689	CAPCC .01UF K X7R 50V	NSM	E
C14776	222008	CAPCC .1UF K X7R 25V	NSM	E
C14777	214698	CAP LYTC 10UF M 63V	NSM	E
C14800	214015	CAP POLY 1UF K 63V	NSM	E
C14801	248591	CAP POLY 2.2UF K 250V	NSM	A
C14801	204296	CAP POLY 2.06UF J 250V	NSM	A
C14802	214070	CAP POLY 8200PF J 600V	NSM	A
C14803	227248	CAPACITOR	NSM	E
C14804	243802	CAPACITOR	NSM	E
C14809	243803	CAPCD 470PF M Z5P 1KV	NSM	E
C14810	246263	CAP LYTC 68UF M 16V	NSM	E
C14811	214698	CAP LYTC 10UF M 63V	NSM	E
C14813	243775	CAP LYTC 470UF M 100V	NSM	E
C14814	195689	CAPCC .01UF K X7R 50V	NSM	E
C14815	102230	CAPCD 470PF K Z5P 500V	NSM	E
C14816	216078	CAPCC 1UF Z 16V	NSM	E
C14817	214732	CAPACITOR	NSM	E
C14820	214732	CAPACITOR	NSM	E
C14830	222008	CAPCC .1UF K X7R 25V	NSM	E
C14831	222008	CAPCC .1UF K X7R 25V	NSM	E
C14901	214015	CAP POLY 1UF K 63V	NSM	A
C14902	243779	CAPACITOR	NSM	E
C14904	197606	CAPCC .033UF Z Y5V 50V	NSM	E
C14905	236165	CAP LYTC 10UF 63V	NSM	E
C15101	243979	CAPACITOR	NSM	E
C15102	243979	CAPACITOR	NSM	E
C15103	222008	CAPCC .1UF K X7R 25V	NSM	E
C15104	227898	CAP LYTC 470UF M 16V	NSM	E
C15106	120696	CAPCD 1000PF K Z5P 3KV	NSM	E
C15107	194366	CAP LYTC 100UF M 16V	NSM	E
C15108	200537	CAPACITOR	NSM	E
C15109	220345	CAP LYTC 22UF M 63V	NSM	E
C15111	245496	CAPACITOR	NSM	E
C15112	200537	CAPACITOR	NSM	E
C15113	222008	CAPCC .1UF K X7R 25V	NSM	E
C15114	248021	CAPCC .01UF K Y5P 630V	NSM	E
C15115	248021	CAPCC .01UF K Y5P 630V	NSM	E
C15116	194366	CAP LYTC 100UF M 16V	NSM	E
C15121	245496	CAPACITOR	NSM	E
C15122	200537	CAPACITOR	NSM	E
C15123	222008	CAPCC .1UF K X7R 25V	NSM	E
C15124	248021	CAPCC .01UF K Y5P 630V	NSM	E
C15125	248021	CAPCC .01UF K Y5P 630V	NSM	E
C15126	194366	CAP LYTC 100UF M 16V	NSM	E
C15131	245496	CAPACITOR	NSM	E
C15132	200537	CAPACITOR	NSM	E
C15133	222008	CAPCC .1UF K X7R 25V	NSM	E

C15134	248021	CAPCC .01UF K Y5P 630V	NSM	E
C15135	248021	CAPCC .01UF K Y5P 630V	NSM	E
C15136	194366	CAP LYTC 100UF M 16V	NSM	E
C15171	197600	CAPCC 1000PF K X7R 50V	NSM	E
C15172	227898	CAP LYTC 470UF M 16V	NSM	E
C15173	245496	CAPACITOR	NSM	E
C15176	197600	CAPCC 1000PF K X7R 50V	NSM	E
C15180	200537	CAPACITOR	NSM	E
C15181	214732	CAPACITOR	NSM	E
C15182	120832	CAPCD 1000PF K Z5P 500V	NSM	E
C15190	222008	CAPCC .1UF K X7R 25V	NSM	E
C15201	223350	CAP LYTC 100UF M 35V	NSM	E
C15202	190552	CAPCC .1UF K X7R 50V	NSM	E
C15203	190552	CAPCC .1UF K X7R 50V	NSM	E
C15204	222008	CAPCC .1UF K X7R 25V	NSM	E
C15205	194902	CAPACITOR	NSM	E
C15206	223350	CAP LYTC 100UF M 35V	NSM	E
C15207	193043	CAP LYTC 47UF M 35V	NSM	E
C15208	195689	CAPCC .01UF K X7R 50V	NSM	E
C15209	197597	CAPCC 270PF J NPO 50V	NSM	E
C15210	243983	CAPACITOR	NSM	E
C15211	197597	CAPCC 270PF J NPO 50V	NSM	E
C15212	205230	CAPACITOR	NSM	E
C15213	243984	CAPACITOR	NSM	E
C15214	245496	CAPACITOR	NSM	E
C15215	245496	CAPACITOR	NSM	E
C15216	222008	CAPCC .1UF K X7R 25V	NSM	E
C15217	245496	CAPACITOR	NSM	E
C15218	215555	CAPCC .01UF M X7R 50V	NSM	E
C15219	215555	CAPCC .01UF M X7R 50V	NSM	E
C15220	243985	CAPACITOR	NSM	E
C15221	243986	CAPACITOR	NSM	E
C15222	243986	CAPACITOR	NSM	E
C15223	190552	CAPCC .1UF K X7R 50V	NSM	E
C16301	220998	CAP LYTC 1UF M 100V	NSM	E
C16302	200537	CAPCC 10PF J NPO 50V	NSM	E
C16303	222008	CAPCC .1UF K X7R 25V	NSM	E
C16304	194903	CAPCC 22PF J NPO 50V	NSM	E
C16305	194903	CAPCC 22PF J NPO 50V	NSM	E
C16306	222008	CAPCC .1UF K X7R 25V	NSM	E
C16307	222008	CAPCC .1UF K X7R 25V	NSM	E
C16308	222008	CAPCC .1UF K X7R 25V	NSM	E
C16309	200537	CAPCC 10PF J NPO 50V	NSM	E
C16310	197604	CAPCC 27PF J NPO 50V	NSM	E
C16311	192049	CAPCC 82PF J NPO 50V	NSM	E
C16312	192057	CAPCC 91PF J NPO 50V	NSM	E
C16313	197604	CAPCC 27PF J NPO 50V	NSM	E
C16314	192057	CAPCC 91PF J NPO 50V	NSM	E
C16315	222008	CAPCC .1UF K X7R 25V	NSM	E
C16316	214032	CAPCC 150PF J NPO 50V	NSM	E
C16317	195689	CAPCC .01UF K X7R 50V	NSM	E
C16318	156239	CAP LYTC 10UF M 63V	NSM	E

C16319	222008	CAPCC .1UF K X7R 25V	NSM	E
C16320	222008	CAPCC .1UF K X7R 25V	NSM	E
C16321	222008	CAPCC .1UF K X7R 25V	NSM	E
C16322	222008	CAPCC .1UF K X7R 25V	NSM	E
C16323	222008	CAPCC .1UF K X7R 25V	NSM	E
C16324	214728	CAP LYTC 100UF M 10V	NSM	E
C16325	222008	CAPCC .1UF K X7R 25V	NSM	E
C16326	214028	CAPCC 18PF J NPO 50V	NSM	E
C16327	222008	CAPCC .1UF K X7R 25V	NSM	E
C16328	222008	CAPCC .1UF K X7R 25V	NSM	E
C16329	222008	CAPCC .1UF K X7R 25V	NSM	E
C16330	182466	CAP LYTC 330UF M 6.3V	NSM	E
C16331	222008	CAPCC .1UF K X7R 25V	NSM	E
C16332	192049	CAPCC 82PF J NPO 50V	NSM	E
C16333	222008	CAPCC .1UF K X7R 25V	NSM	E
C16334	182466	CAP LYTC 330UF M 6.3V	NSM	E
C16335	222008	CAPCC .1UF K X7R 25V	NSM	E
C16336	182466	CAP LYTC 330UF M 6.3V	NSM	E
C16337	222008	CAPCC .1UF K X7R 25V	NSM	E
C16338	182466	CAP LYTC 330UF M 6.3V	NSM	E
C16339	222008	CAPCC .1UF K X7R 25V	NSM	E
C16340	189979	CAP LYTC 47UF M 25V	NSM	E
C16341	222008	CAPCC .1UF K X7R 25V	NSM	E
C16342	222008	CAPCC .1UF K X7R 25V	NSM	E
C16343	192049	CAPCC 82PF J NPO 50V	NSM	E
C16344	222008	CAPCC .1UF K X7R 25V	NSM	E
C16345	222008	CAPCC .1UF K X7R 25V	NSM	E
C16346	222008	CAPCC .1UF K X7R 25V	NSM	E
C16347	200537	CAPCC 10PF J NPO 50V	NSM	E
C16348	194902	CAPCC 120PF J NPO 50V	NSM	E
C16349	214032	CAPCC 150PF J NPO 50V	NSM	E
C16350	197600	CAPCC 1000PF K X7R 50V	NSM	E
C16351	220998	CAP LYTC 1UF M 100V	NSM	E
C16352	222008	CAPCC .1UF K X7R 25V	NSM	E
C16353	214032	CAPCC 150PF J NPO 50V	NSM	E
C16500	156239	CAP LYTC 10UF M 63V	NSM	E
C16501	156239	CAP LYTC 10UF M 63V	NSM	E
C16502	156239	CAP LYTC 10UF M 63V	NSM	E
C16503	156239	CAP LYTC 10UF M 63V	NSM	E
C16504	156239	CAP LYTC 10UF M 63V	NSM	E
C16505	156239	CAP LYTC 10UF M 63V	NSM	E
C16506	222008	CAPCC .1UF K X7R 25V	NSM	E
C16507	222008	CAPCC .1UF K X7R 25V	NSM	E
C16508	205227	CAPCC 330PF J NPO 50V	NSM	E
C16509	227017	CAP LYTC 10UF M 16V	NSM	E
C16511	193043	CAP LYTC 47UF M 35V	NSM	E
C16512	227017	CAP LYTC 10UF M 16V	NSM	E
C16513	227017	CAP LYTC 10UF M 16V	NSM	E
C16514	227017	CAP LYTC 10UF M 16V	NSM	E
C16515	215555	CAPCC .01UF M X7R 50V	NSM	E
C16516	197600	CAPCC 1000PF K X7R 50V	NSM	E
C16517	215555	CAPCC .01UF M X7R 50V	NSM	E

C16518	215555	CAPCC .01UF M X7R 50V	NSM	E
C16520	192049	CAPCC 82PF J NPO 50V	NSM	E
C16521	156239	CAP LYTC 10UF M 63V	NSM	E
C16522	227017	CAP LYTC 10UF M 16V	NSM	E
C16526	194366	CAP LYTC 100UF M 16V	NSM	E
C16527	222008	CAPCC .1UF K X7R 25V	NSM	E
C17102	214757	CAPCC 4PF +0-.25PF NPO 50V	NSM	E
C17103	194903	CAPCC 22PF J NPO 50V	NSM	E
C17104	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17105	214758	CAPCC .75PF C NPO 50V	NSM	E
C17106	214759	CAPCC 39PF J SL 50V	NSM	E
C17107	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17108	214760	CAPCC 27PF J N750 50V	NSM	E
C17109	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17110	223146	CAPACITOR	NSM	E
C17111	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17112	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17113	192060	CAPCC 1000PF K SL 50V	NSM	E
C17115	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17116	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17117	194905	CAPCC 2PF C NPO 50V	NSM	E
C17118	194903	CAPCC 22PF J NPO 50V	NSM	E
C17119	192060	CAPCC 1000PF K SL 50V	NSM	E
C17122	226503	CAPCC 1000PF K SL 50V	NSM	E
C17123	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17124	197604	CAPCC 27PF J NPO 50V	NSM	E
C17125	192060	CAPCC 1000PF K SL 50V	NSM	E
C17126	226503	CAPCC 1000PF K SL 50V	NSM	E
C17127	194902	CAPACITOR	NSM	E
C17130	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17131	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17132	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17134	192060	CAPCC 1000PF K SL 50V	NSM	E
C17136	214032	CAPACITOR	NSM	E
C17137	205227	CAPCC 330PF J NPO 50V	NSM	E
C17139	214761	CAPCC 20PF G N220 50V	NSM	E
C17140	194905	CAPCC 2PF C NPO 50V	NSM	E
C17142	192060	CAPCC 1000PF K SL 50V	NSM	E
C17143	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17145	192060	CAPCC 1000PF K SL 50V	NSM	E
C17148	181460	CAPCC 1000PF K X7R 50V	NSM	E
C17149	194903	CAPCC 22PF J NPO 50V	NSM	E
C17150	214032	CAPACITOR	NSM	E
C17151	220150	CAPCC 20PF J NPO 50V	NSM	E
C17152	202905	CAPCC 39PF J NPO 50V	NSM	E
C17153	202905	CAPCC 39PF J NPO 50V	NSM	E
C17301	194904	CAPCC 1.5PF D NPO 50V	NSM	E
C17302	194904	CAPCC 1.5PF D NPO 50V	NSM	E
C17303	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17304	194905	CAPCC 2PF C NPO 50V	NSM	E
C17305	192061	CAPCC 75PF J NPO 50V	NSM	E
C17307	220150	CAPCC 20PF J NPO 50V	NSM	E

C17308	231457	CAPACITOR	NSM	E
C17309	231458	CAPACITOR	NSM	E
C17310	214766	CAPCC 8PFD N750 50V	NSM	E
C17311	231457	CAPACITOR	NSM	E
C17312	231457	CAPACITOR	NSM	E
C17314	192060	CAPCC 1000PF K SL 50V	NSM	E
C17315	192060	CAPCC 1000PF K SL 50V	NSM	E
C17316	194909	CAPCC 8PF D NPO 50V	NSM	E
C17318	192060	CAPCC 1000PF K SL 50V	NSM	E
C17320	205227	CAPCC 330PF J NPO 50V	NSM	E
C17322	231459	CAPCC 24PF G NPO 50V	NSM	E
C17323	227250	CAPACITOR	NSM	E
C17325	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17326	231460	CAPACITOR	NSM	E
C17402	200141	CAP POLY .1UF K 63V	NSM	E
C17403	202909	CAPCC 1800PF K X7R 50V	NSM	E
C17404	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17405	194911	CAPCC 33PF J 50V	NSM	E
C17406	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17407	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17408	215555	CAPCC .01UF K X7R 50V	NSM	E
C17409	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17410	192061	CAPCC 75PF J NPO 50V	NSM	E
C17411	192061	CAPCC 75PF J NPO 50V	NSM	E
C17412	181460	CAPCC 1000PF K X7R 50V	NSM	E
C17413	200144	CAPACITOR	NSM	E
C17414	174412	CAPCC 100PF K NP0 50V	NSM	E
C17415	197600	CAPCC 1000PF K X7R 50V	NSM	E
C18100	200537	CAPACITOR	NSM	E
C18101	200537	CAPACITOR	NSM	E
C18102	214028	CAPCC 18PF J NPO 50V	NSM	E
C18103	194902	CAPACITOR	NSM	E
C18104	192049	CAPCC 82PF J NPO 50V	NSM	E
C18105	214032	CAPACITOR	NSM	E
C18106	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C18107	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C18108	222008	CAPCC .1UF K X7R 25V	NSM	E
C18109	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C18110	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C18111	197600	CAPCC 1000PF K X7R 50V	NSM	E
C18112	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C18113	197600	CAPCC 1000PF K X7R 50V	NSM	E
C18114	217298	CAPCC 0.22UF Z Y5V 25V	NSM	E
C18115	220218	CAPCC .033UF K X7R 50V	NSM	E
C18116	217298	CAPCC 0.22UF Z Y5V 25V	NSM	E
C18118	200537	CAPACITOR	NSM	E
C18119	220150	CAPCC 20PF J NPO 50V	NSM	E
C18120	222008	CAPCC .1UF K X7R 25V	NSM	E
C18121	222008	CAPCC .1UF K X7R 25V	NSM	E
C18122	222008	CAPCC .1UF K X7R 25V	NSM	E
C18123	193340	CAPCC 100PF J NPO 50V	NSM	E
C18124	222008	CAPCC .1UF K X7R 25V	NSM	E

C18125	193340	CAPCC 100PF J NPO 50V	NSM	E
C18126	222008	CAPCC .1UF K X7R 25V	NSM	E
C18127	222008	CAPCC .1UF K X7R 25V	NSM	E
C18128	222008	CAPCC .1UF K X7R 25V	NSM	E
C18129	222008	CAPCC .1UF K X7R 25V	NSM	E
C18130	222008	CAPCC .1UF K X7R 25V	NSM	E
C18131	194366	CAP LYTC 100UF M 16V	NSM	E
C18132	222008	CAPCC .1UF K X7R 25V	NSM	E
C18133	194366	CAP LYTC 100UF M 16V	NSM	E
C18134	222008	CAPCC .1UF K X7R 25V	NSM	E
C18135	197604	CAPCC 27PF J NPO 50V	NSM	E
C18137	192057	CAPCC 91PF J NPO 50V	NSM	E
C18139	192049	CAPCC 82PF J NPO 50V	NSM	E
C18140	192049	CAPCC 82PF J NPO 50V	NSM	E
C18142	205551	CAPACITOR	NSM	E
C18144	205227	CAPCC 330PF J NPO 50V	NSM	E
C18145	197600	CAPCC 1000PF K X7R 50V	NSM	E
C18146	222008	CAPCC .1UF K X7R 25V	NSM	E
C18147	197600	CAPCC 1000PF K X7R 50V	NSM	E
C18148	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C18149	214028	CAPCC 18PF J NPO 50V	NSM	E
C18151	193340	CAPCC 100PF J NPO 50V	NSM	E
C18152	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C18153	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C18154	210689	CAPCC 47PF J NPO 50V	NSM	E
C18156	193340	CAPCC 100PF J NPO 50V	NSM	E
C18158	222008	CAPCC .1UF K X7R 25V	NSM	E
C18159	222008	CAPCC .1UF K X7R 25V	NSM	E
C18160	210689	CAPCC 47PF J NPO 50V	NSM	E
C18161	210689	CAPCC 47PF J NPO 50V	NSM	E
C18162	210689	CAPCC 47PF J NPO 50V	NSM	E
C18163	210689	CAPCC 47PF J NPO 50V	NSM	E
C18164	222008	CAPCC .1UF K X7R 25V	NSM	E
C18165	222008	CAPCC .1UF K X7R 25V	NSM	E
C18166	220218	CAPCC .033UF K X7R 50V	NSM	E
C18167	192057	CAPCC 91PF J NPO 50V	NSM	E
C18168	194366	CAP LYTC 100UF M 16V	NSM	E
C18170	222008	CAPCC .1UF K X7R 25V	NSM	E
C18171	222008	CAPCC .1UF K X7R 25V	NSM	E
C18172	222008	CAPCC .1UF K X7R 25V	NSM	E
C18173	193340	CAPCC 100PF J NPO 50V	NSM	E
C22300	195691	CAPACITOR	NSM	E
C22301	195691	CAPACITOR	NSM	E
C22302	194366	CAP LYTC 100UF M 16V	NSM	E
C22303	222008	CAPCC .1UF K X7R 25V	NSM	E
C22304	222008	CAPCC .1UF K X7R 25V	NSM	E
C22305	222008	CAPCC .1UF K X7R 25V	NSM	E
C22306	195691	CAPACITOR	NSM	E
C22307	195691	CAPACITOR	NSM	E
C22308	195691	CAPACITOR	NSM	E
C22309	195691	CAPACITOR	NSM	E
C22310	195691	CAPACITOR	NSM	E

C22311	190499	CAP LYTC 4.7UF M 100V	NSM	E
C22312	222008	CAPCC .1UF K X7R 25V	NSM	E
C22313	222008	CAPCC .1UF K X7R 25V	NSM	E
C22314	222008	CAPCC .1UF K X7R 25V	NSM	E
C22315	222008	CAPCC .1UF K X7R 25V	NSM	E
C22316	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C22317	214756	CAP LYTC 15UF M 63V	NSM	E
C22319	227898	CAP LYTIC 470UF M 16V	NSM	E
C22320	217298	CAPCC 0.22UF Z Y5V 25V	NSM	E
C22322	197601	CAPCC .022UF K X7R 50V	NSM	E
C22323	190527	CAP LYTC 2.2UF M 50V	NSM	E
C22324	195689	CAPCC .01UF K X7R 50V	NSM	E
C22325	197607	CAPCC 2200PF K X7R 50V	NSM	E
C22326	217298	CAPCC 0.22UF Z Y5V 25V	NSM	E
C22327	242262	CAPCC 12PF J NPO 50V	NSM	E
C22328	190499	CAP LYTC 4.7UF M 100V	NSM	E
C22329	222008	CAPCC .1UF K X7R 25V	NSM	E
C22330	222008	CAPCC .1UF K X7R 25V	NSM	E
C22331	222008	CAPCC .1UF K X7R 25V	NSM	E
C22335	223350	CAP LYTC 100UF M 35V	NSM	E
C22336	222008	CAPCC .1UF K X7R 25V	NSM	E
C22337	222008	CAPCC .1UF K X7R 25V	NSM	E
C22340	193340	CAPCC 100PF J NPO 50V	NSM	E
C22348	193043	CAP LYTC 47UF M 35V	NSM	E
C22349	222008	CAPCC .1UF K X7R 25V	NSM	E
C22350	222008	CAPCC .1UF K X7R 25V	NSM	E
C22354	222008	CAPCC .1UF K X7R 25V	NSM	E
C22355	222008	CAPCC .1UF K X7R 25V	NSM	E
C22356	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C22401	222008	CAPCC .1UF K X7R 25V	NSM	E
C22402	195691	CAPACITOR	NSM	E
C22403	195691	CAPACITOR	NSM	E
C22404	195691	CAPACITOR	NSM	E
C22405	222008	CAPCC .1UF K X7R 25V	NSM	E
C22406	195691	CAPACITOR	NSM	E
C22407	195691	CAPACITOR	NSM	E
C22408	195691	CAPACITOR	NSM	E
C22409	222008	CAPCC .1UF K X7R 25V	NSM	E
C22410	222008	CAPCC .1UF K X7R 25V	NSM	E
C22411	194366	CAP LYTC 100UF M 16V	NSM	E
C22412	222008	CAPCC .1UF K X7R 25V	NSM	E
C22413	194366	CAP LYTC 100UF M 16V	NSM	E
C22414	222008	CAPCC .1UF K X7R 25V	NSM	E
C22415	222008	CAPCC .1UF K X7R 25V	NSM	E
C22416	222008	CAPCC .1UF K X7R 25V	NSM	E
C22417	220998	CAP LYTC 1UF M 100V	NSM	E
C22418	195689	CAPCC .01UF K X7R 50V	NSM	E
C22419	220998	CAP LYTC 1UF M 100V	NSM	E
C22420	222008	CAPCC .1UF K X7R 25V	NSM	E
C22421	193043	CAP LYTC 47UF M 35V	NSM	E
C22422	220998	CAP LYTC 1UF M 100V	NSM	E
C22423	197600	CAPCC 1000PF K X7R 50V	NSM	E

C22424	239175	CAP POLY .001UF M 100V	NSM	E
C22425	217298	CAPCC 0.22UF Z Y5V 25V	NSM	E
C22426	222008	CAPCC .1UF K X7R 25V	NSM	E
C22427	192049	CAPCC 82PF J NPO 50V	NSM	E
C22428	222008	CAPCC .1UF K X7R 25V	NSM	E
C22429	222008	CAPCC .1UF K X7R 25V	NSM	E
C22430	222008	CAPCC .1UF K X7R 25V	NSM	E
C22431	222008	CAPCC .1UF K X7R 25V	NSM	E
C22432	222008	CAPCC .1UF K X7R 25V	NSM	E
C22433	222008	CAPCC .1UF K X7R 25V	NSM	E
C24100	222008	CAPCC .1UF K X7R 25V	NSM	E
C24101	195689	CAPCC .01UF K X7R 50V	NSM	E
C24102	197609	CAPCC 1500PF K X7R 50V	NSM	E
C24103	195689	CAPCC .01UF K X7R 50V	NSM	E
C24104	195689	CAPCC .01UF K X7R 50V	NSM	E
C24501	214748	CAP POLY .033UF K 100V	NSM	E
C24502	153575	CAPCD 1000P J SL 50V	NSM	E
C24503	214748	CAP POLY .033UF K 100V	NSM	E
C24506	143870	CAPCD 100PF K Z5P 50V	NSM	E
C24507	227248	CAPACITOR	NSM	E
C24508	232210	CAP LYTC 560UF M 35V	NSM	E
C24509	248990	CAP LYTC 1000UF +20% 35V 105C	NSM	E
C24511	246950	CAPACITOR	NSM	E
C24512	148067	CAPCD 470PF K Z5P 50V	NSM	E
C24801	222008	CAPCC .1UF K X7R 25V	NSM	E
C24802	214698	CAP LYTC 10UF M 63V	NSM	E
C24803	220150	CAPCC 20PF J NPO 50V	NSM	E
C24804	194903	CAPCC 22PF J NPO 50V	NSM	E
C24805	195689	CAPCC .01UF K X7R 50V	NSM	E
C26101	220998	CAP LYTC 1UF M 100V	NSM	E
C26102	220998	CAP LYTC 1UF M 100V	NSM	E
C26103	156239	CAP LYTC 10UF M 63V	NSM	E
C26104	156239	CAP LYTC 10UF M 63V	NSM	E
C26105	222008	CAPCC .1UF K X7R 25V	NSM	E
C26106	156239	CAP LYTC 10UF M 63V	NSM	E
C26107	156239	CAP LYTC 10UF M 63V	NSM	E
C26111	222008	CAPCC .1UF K X7R 25V	NSM	E
C27901	161997	CAPCC .1UF Z Y5V 50V	NSM	E
C27904	195689	CAPCC .01UF K X7R 50V	NSM	E
C27905	220344	CAPCC 680PF J NPO 50V	NSM	E
C27906	222008	CAPCC .1UF K X7R 25V	NSM	E
C27907	245527	CAPACITOR	NSM	E
C27908	194911	CAPCC 33PF J 50V	NSM	E
C27909	227413	CAPP 0.15UF Z Y5V 50V	NSM	E
C27910	195689	CAPCC .01UF K X7R 50V	NSM	E
C27911	220998	CAP LYTC 1UF M 100V	NSM	E
C27912	161997	CAPCC .1UF Z Y5V 50V	NSM	E
C27913	205551	CAPACITOR	NSM	E
C27914	202908	CAPCC 3900PF K X7R 50V	NSM	E
C27915	227413	CAPP 0.15UF Z Y5V 50V	NSM	E
C27916	227413	CAPP 0.15UF Z Y5V 50V	NSM	E
C27917	189979	CAP LYTC 47UF M 25V	NSM	E

C27918	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C27920	195689	CAPCC .01UF K X7R 50V	NSM	E
C27921	200537	CAPACITOR	NSM	E
C27922	200537	CAPACITOR	NSM	E
C27923	195689	CAPCC .01UF K X7R 50V	NSM	E
C27924	227413	CAPP 0.15UF Z Y5V 50V	NSM	E
C27926	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C27927	189979	CAP LYTC 47UF M 25V	NSM	E
C27928	189979	CAP LYTC 47UF M 25V	NSM	E
C27929	193043	CAP LYTC 47UF M 50V	NSM	E
C27931	189979	CAP LYTC 47UF M 25V	NSM	E
C27932	242262	CAPCC 12PF J NPO 50V	NSM	E
C27934	189979	CAP LYTC 47UF M 25V	NSM	E
C27936	189979	CAP LYTC 47UF M 25V	NSM	E
C27937	200537	CAPACITOR	NSM	E
C27938	200537	CAPACITOR	NSM	E
C27939	227413	CAPP 0.15UF Z Y5V 50V	NSM	E
C27940	227413	CAPP 0.15UF Z Y5V 50V	NSM	E
C27941	181462	CAPCC .22UF Z Y5V 50V	NSM	E
C27942	227413	CAPP 0.15UF Z Y5V 50V	NSM	E
C27943	227413	CAPP 0.15UF Z Y5V 50V	NSM	E
C32105	160077	CAP LYTC .47UF M 100V	NSM	E
C38300	216078	CAPCC 1UF Z 16V	NSM	E
C38301	222008	CAPCC .1UF K X7R 25V	NSM	E
C38302	222008	CAPCC .1UF K X7R 25V	NSM	E
C38303	222008	CAPCC .1UF K X7R 25V	NSM	E
C38304	222008	CAPCC .1UF K X7R 25V	NSM	E
C38305	217298	CAPCC 0.22UF Z Y5V 25V	NSM	E
C38307	194366	CAP LYTC 100UF M 16V	NSM	E
C38308	222008	CAPCC .1UF K X7R 25V	NSM	E
C38309	222008	CAPCC .1UF K X7R 25V	NSM	E
C38312	222008	CAPCC .1UF K X7R 25V	NSM	E
C38313	204274	CAPCC 390PF J NPO 50V	NSM	E
C38313	214732	CAPACITOR	NSM	E
C38316	197600	CAPCC 1000PF K X7R 50V	NSM	E
C38317	222008	CAPCC .1UF K X7R 25V	NSM	E
C41125	220998	CAP LYTC 1UF M 100V	NSM	E
C41126	193043	CAP LYTC 47UF M 35V	NSM	E
C41127	195689	CAPCC .01UF K X7R 50V	NSM	E
C41128	193043	CAP LYTC 47UF M 35V	NSM	E
C41275	222008	CAPCC .1UF K X7R 25V	NSM	E
C41276	205551	CAPACITOR	NSM	E
C41278	195689	CAPCC .01UF K X7R 50V	NSM	E
C41279	214073	CAP POLY .01UF K 100V	NSM	E
C41280	214073	CAP POLY .01UF K 100V	NSM	E
CABLE	243768	CABLE ASY, ANODE LEAD	NSM	A
CABLE	247991	CABLE ASY, VERT YOKE	NSM	E
CABLE	243770	CABLE ASY, HORIZ YOKE	NSM	E
CABLE	243772	CABLE ASY, FOC/SCRN	NSM	A
CABLE	243773	CABLE ASY, DEGAUSSING	NSM	A
CABLE	250857	CABLE ASY, AC-IN: DM1-PS/DEFL	NSM	A
CABLE	250856	CABLE ASY, DM1 TO CHASSIS GND	NSM	A

CABLE	248528	CABLE ASY,FRAME COMB/P16500	NSM	E
CABLE	245513	CABLE ASY,P13107/P27902	NSM	A
CABLE	245507	CABLE ASY,P14101/P41276	NSM	A
CABLE	245508	CABLE ASY,P14405/P15103	NSM	A
CABLE	250858	CABLE ASY, P14601/P27903	NSM	A
CABLE	248025	CABLE ASY,P15102/P22325	NSM	E
CABLE	245512	CABLE ASY,P16507/P27901	NSM	A
CABLE	248024	CABLE ASY, YOKE INTERCONNECT	NSM	E
CABLE	245515	CABLE ASY,P14403/P24352	NSM	E
CABLE	243771	CABLE	NSM	A
CF27901	181125	FILTER CERAMIC 4.5MHZ	NSM	E
CIRCUIT	250914	CIRCUIT, DEFLECTION SIP	NSM	A
CIRCUIT	250726	CIRCUIT, SECOND TUNER	NSM	A
CIRCUIT	249752	CIRCUIT PARALLELOGRAM	NSM	Z
CIRCUIT	250716	CIRCUIT, KINE DRIVE W/SVM	NSM	Z
CIRCUIT	245505	CIRCUIT CHOKE CBA	NSM	A
CIRCUIT	248019	CIRCUIT A/V IN	NSM	E
CIRCUIT	248520	CIRCUIT, FRAME COMB	NSM	E
CIRCUIT	248018	CIRCUIT PARALLELOGRAM	NSM	Z
CIRCUIT	250660	CIRCUIT, DM1-DTV306/307	NSM	A
CIRCUIT	250729	CIRCUIT, DM1 POWER SUPPLY	NSM	Z
CIRCUIT	250847	CIRCUIT, FRONT PANEL	NSM	A
CIRCUIT	250725	CIRCUIT, DEFLECTION SIP	NSM	A
CLAMP	243554	CLAMP (2"),CABLE STRAIN RELIEF	NSM	E
CLAMP	250860	CLAMP, STRAIN RELIEF: DM1-PS	NSM	E
CLIP	173269	CLIP, TRANSISTOR	NSM	E
CLIP	244020	CLIP, CABLE	NSM	E
CLIP	250861	CLIP, RIBBON CABLE SUPPORT	NSM	E
CLIP	243623	CLIP, TRANSISTOR(HORIZ MTG)	NSM	E
CLIP	181032	CLIP, TRANSISTOR	NSM	E
CLIP	176642	CLIP, FUSE	NSM	E
CLIP	181138	CLIP, TRANSISTOR	NSM	E
COIL	250949	COIL, DEGAUSSING	PS38000JX2(GC)	A
COIL	251027	COIL, DEGAUSSING	PS34000JX2(GC)	A
COIL	250949	COIL, DEGAUSSING	F38310JX1(CB)	A
COIL	250949	COIL, DEGAUSSING	F38310JX2(GC)	A
COIL	250949	COIL, DEGAUSSING	PS38000JX1(CB)	A
COIL	251027	COIL, DEGAUSSING	PS34000JX1(CB)	A
COIL	250949	COIL, DEGAUSSING	F38310JX4(GC)	A
COIL	250949	COIL, DEGAUSSING	F38310JX3(CB)	A
COIL	250949	COIL, DEGAUSSING	F38310JX5(GCC)	A
COIL	237832	COIL, FIELD CANCEL	PS38000JX3(CB)	E
COIL	250949	COIL, DEGAUSSING	PS38000JX3(CB)	A
COIL	237832	COIL, FIELD CANCEL	PS38000JX4(GC)	E
COIL	250949	COIL, DEGAUSSING	PS38000JX4(GC)	A
CORE	248029	CORE, FERRITE: SPLIT	PS38000JX2(GC)	E
CORE	245493	CORE FERRITE	F38310JX2(GC)	E
CORE	248029	CORE, FERRITE: SPLIT	PS34000JX2(GC)	E
CORE	248029	CORE, FERRITE: SPLIT	F38310JX2(GC)	E
CORE	248029	CORE, FERRITE: SPLIT	F38310JX1(CB)	E
CORE	248029	CORE, FERRITE: SPLIT	PS38000JX1(CB)	E
CORE	248029	CORE, FERRITE: SPLIT	PS34000JX1(CB)	E

CORE	248029	CORE, FERRITE: SPLIT	F38310JX4(GC)	E
CORE	248029	CORE, FERRITE: SPLIT	F38310JX3(CB)	E
CORE	248029	CORE, FERRITE: SPLIT	F38310JX5(GCC)	E
CORE	248029	CORE, FERRITE: SPLIT	PS38000JX3(CB)	E
CORE	248029	CORE, FERRITE: SPLIT	PS38000JX4(GC)	E
COVER	243961	COVER, COIL	NSM	N
COVER	243916	COVER, TOP & BTM-CNTRL SHLD	NSM	N
COVER	243917	COVER, TOP & BTM-FPIP SHIELD	NSM	N
COVER	236679	COVER, TUNER BOTTOM	NSM	N
COVER	242750	COVER, WRAP	NSM	N
COVER	248543	COVER, TOP & BOTTOM	NSM	N
COVER	251017	COVER, FPA	PS38000JX2(GC)	Z
COVER	251017	COVER, FPA	PS34000JX2(GC)	Z
COVER	250937	COVER, FPA	F38310JX2(GC)	A
COVER	250937	COVER, FPA	F38310JX1(CB)	A
COVER	251017	COVER, FPA	PS38000JX1(CB)	Z
COVER	251017	COVER, FPA	PS34000JX1(CB)	Z
COVER	250937	COVER, FPA	F38310JX3(CB)	A
COVER	250937	COVER, FPA	F38310JX4(GC)	A
COVER	250937	COVER, FPA	F38310JX5(GCC)	A
COVER	251017	COVER, FPA	PS38000JX3(CB)	Z
COVER	251017	COVER, FPA	PS38000JX4(GC)	Z
CR11301	232709	DIODE	NSM	E
CR11302	232709	DIODE	NSM	E
CR11303	232709	DIODE	NSM	E
CR11401	237472	DIODE, ZENER 6.2V .5W	NSM	E
CR11501	232709	DIODE	NSM	E
CR11502	232709	DIODE	NSM	E
CR11503	232709	DIODE	NSM	E
CR11700	223783	DIODE ZENER 6.2V .5W	NSM	E
CR11801	225702	DIODE	NSM	E
CR11802	232709	DIODE	NSM	E
CR11902	232709	DIODE	NSM	E
CR11903	232709	DIODE	NSM	E
CR11904	250663	DIODE	NSM	E
CR11904	232710	DIODE, ZENER 6.8V .5W	NSM	E
CR11905	250663	DIODE	NSM	E
CR11905	232710	DIODE, ZENER 6.8V .5W	NSM	E
CR11906	232709	DIODE	NSM	E
CR11907	232709	DIODE	NSM	E
CR11908	232709	DIODE	NSM	E
CR11909	220637	DIODE, ZENER 12V .5W	NSM	E
CR11910	250663	DIODE	NSM	E
CR11910	232710	DIODE, ZENER 6.8V .5W	NSM	E
CR11911	250663	DIODE	NSM	E
CR11911	232710	DIODE, ZENER 6.8V .5W	NSM	E
CR13101	231865	DIODE ZENER 3.9V .5W	NSM	E
CR13201	232709	DIODE	NSM	E
CR14101	198589	DIODE	NSM	E
CR14102	198589	DIODE	NSM	E
CR14102	220637	DIODE, ZENER 12V .5W	NSM	E
CR14103	198589	DIODE	NSM	E

CR14103	243842	DIODE	NSM	E
CR14104	243844	DIODE	NSM	E
CR14104	139706	DIODE	NSM	E
CR14105	248995	DIODE	NSM	E
CR14105	243843	DIODE	NSM	E
CR14106	244108	DIODE TYPE ERA15-06	NSM	E
CR14107	234048	DIODE	NSM	E
CR14107	223651	DIODE	NSM	E
CR14108	234048	DIODE	NSM	E
CR14108	227066	DIODE	NSM	E
CR14109	248996	DIODE, ZENER 33.0V 5.0W	NSM	E
CR14110	248997	DIODE, ZENER 8.2V 1.3W	NSM	E
CR14110	243844	DIODE	NSM	E
CR14111	226456	DIODE ZENER 10V .5W	NSM	E
CR14112	248998	DIODE	NSM	E
CR14112	223339	DIODE	NSM	E
CR14113	223651	DIODE	NSM	E
CR14113	243842	DIODE	NSM	E
CR14114	226456	DIODE ZENER 10V .5W	NSM	E
CR14115	226463	DIODE	NSM	E
CR14115	227066	DIODE	NSM	A
CR14116	226456	DIODE ZENER 10V .5W	NSM	E
CR14117	234048	DIODE	NSM	E
CR14117	223651	DIODE	NSM	A
CR14118	234048	DIODE	NSM	E
CR14119	198589	DIODE	NSM	E
CR14120	244108	DIODE TYPE ERA15-06	NSM	E
CR14120	223651	DIODE	NSM	E
CR14121	244108	DIODE TYPE ERA15-06	NSM	E
CR14121	223083	DIODE ZENER 4.7V .5W	NSM	E
CR14122	244108	DIODE TYPE ERA15-06	NSM	E
CR14122	223651	DIODE	NSM	E
CR14123	244108	DIODE TYPE ERA15-06	NSM	E
CR14124	198589	DIODE	NSM	E
CR14125	198589	DIODE	NSM	E
CR14126	198589	DIODE	NSM	E
CR14127	198589	DIODE	NSM	E
CR14128	227066	DIODE	NSM	A
CR14129	243844	DIODE	NSM	E
CR14131	236653	DIODE	NSM	E
CR14201	214649	DIODE	NSM	E
CR14250	155276	DIODE	NSM	E
CR14301	139706	DIODE	NSM	E
CR14302	232709	DIODE	NSM	E
CR14350	198602	DIODE, ZENER 5.1V .5W	NSM	E
CR14452	243845	DIODE	NSM	E
CR14453	176296	DIODE	NSM	A
CR14454	176296	DIODE	NSM	A
CR14501	155276	DIODE	NSM	E
CR14502	155276	DIODE	NSM	E
CR14505	243636	DIODE	NSM	E
CR14508	232709	DIODE	NSM	E

CR14509	155276	DIODE	NSM	E
CR14510	243636	DIODE	NSM	E
CR14541	227051	DIODE	NSM	E
CR14550	198602	DIODE, ZENER 5.1V .5W	NSM	E
CR14601	217306	DIODE	NSM	E
CR14602	234048	DIODE	NSM	E
CR14603	236168	DIODE ZENER 12V 1.3W	NSM	E
CR14604	139706	DIODE	NSM	E
CR14605	139706	DIODE	NSM	E
CR14606	139706	DIODE	NSM	E
CR14608	243844	DIODE	NSM	E
CR14609	243844	DIODE	NSM	E
CR14610	220637	DIODE, ZENER 12V .5W	NSM	E
CR14611	234048	DIODE	NSM	E
CR14612	250788	RESISTOR	NSM	A
CR14613	236168	DIODE ZENER 12V 1.3W	NSM	A
CR14614	155276	DIODE	NSM	A
CR14615	227887	DIODE, ZENER 5.1V 1.3W	NSM	A
CR14616	232709	DIODE	NSM	E
CR14620	226456	DIODE ZENER 10V .5W	NSM	E
CR14621	226456	DIODE ZENER 10V .5W	NSM	E
CR14701	214655	DIODE	NSM	E
CR14702	232709	DIODE	NSM	E
CR14703	214650	DIODE	NSM	E
CR14704	140971	DIODE	NSM	E
CR14705	232709	DIODE	NSM	E
CR14707	198589	DIODE	NSM	E
CR14708	198589	DIODE	NSM	E
CR14709	243846	DIODE	NSM	A
CR14710	243846	DIODE	NSM	A
CR14711	232709	DIODE	NSM	E
CR14712	232709	DIODE	NSM	E
CR14713	243846	DIODE	NSM	A
CR14743	239195	DIODE ZENER 5.1V .5W	NSM	E
CR14746	232709	DIODE	NSM	E
CR14747	243846	DIODE	NSM	A
CR14748	233082	DIODE	NSM	E
CR14750	243846	DIODE	NSM	A
CR14751	243842	DIODE	NSM	E
CR14752	176296	DIODE	NSM	E
CR14753	226463	DIODE	NSM	E
CR14755	223651	DIODE	NSM	E
CR14757	198589	DIODE	NSM	E
CR14758	198589	DIODE	NSM	E
CR14802	248006	DIODE	NSM	E
CR14803	243847	DIODE, ZENER 51V .5W	NSM	E
CR14804	243636	DIODE	NSM	E
CR14810	232709	DIODE	NSM	E
CR14811	232709	DIODE	NSM	E
CR14812	232709	DIODE	NSM	E
CR14813	147015	DIODE	NSM	E
CR14900	N/S/P	DIODE, ZENER	NSM	A

CR14901	157301	DIODE	NSM	A
CR14902	198589	DIODE	NSM	E
CR15111	243944	DIODE	NSM	E
CR15112	139706	DIODE	NSM	E
CR15115	243944	DIODE	NSM	E
CR15121	243944	DIODE	NSM	E
CR15122	139706	DIODE	NSM	E
CR15125	243944	DIODE	NSM	E
CR15131	243944	DIODE	NSM	E
CR15132	139706	DIODE	NSM	E
CR15135	243944	DIODE	NSM	E
CR15171	232709	DIODE	NSM	E
CR15172	139706	DIODE	NSM	E
CR15173	139706	DIODE	NSM	E
CR15174	232709	DIODE	NSM	E
CR15201	139706	DIODE	NSM	E
CR15202	207878	DIODE - 200V 150 DEG	NSM	E
CR15203	207878	DIODE - 200V 150 DEG	NSM	E
CR15204	248615	DIODE	NSM	E
CR15205	232709	DIODE	NSM	E
CR15206	232709	DIODE	NSM	E
CR15207	232709	DIODE	NSM	E
CR15208	232709	DIODE	NSM	E
CR16301	232709	DIODE	NSM	E
CR16302	236654	DIODE, LED(RED)	NSM	E
CR16500	250663	DIODE	NSM	E
CR16500	232710	DIODE, ZENER 6.8V .5W	NSM	E
CR16501	250663	DIODE	NSM	E
CR16501	232710	DIODE, ZENER 6.8V .5W	NSM	E
CR16502	250663	DIODE	NSM	E
CR16502	232710	DIODE, ZENER 6.8V .5W	NSM	E
CR16503	250663	DIODE	NSM	E
CR16503	232710	DIODE, ZENER 6.8V .5W	NSM	E
CR16504	250663	DIODE	NSM	E
CR16504	232710	DIODE, ZENER 6.8V .5W	NSM	E
CR16505	250663	DIODE	NSM	E
CR16505	232710	DIODE, ZENER 6.8V .5W	NSM	E
CR16506	250663	DIODE	NSM	E
CR16506	232710	DIODE, ZENER 6.8V .5W	NSM	E
CR16507	250663	DIODE	NSM	E
CR16507	232710	DIODE, ZENER 6.8V .5W	NSM	E
CR16508	250663	DIODE	NSM	E
CR16508	232710	DIODE, ZENER 6.8V .5W	NSM	E
CR16509	243897	DIODE, ZENER 3.9V .5W	NSM	E
CR16511	250663	DIODE	NSM	E
CR16511	232710	DIODE, ZENER 6.8V .5W	NSM	E
CR17101	215492	DIODE	NSM	E
CR17102	215492	DIODE	NSM	E
CR17103	215492	DIODE	NSM	E
CR17105	215493	DIODE	NSM	E
CR17106	233085	DIODE	NSM	E
CR17107	215494	7 MATCHED DIODE	NSM	E

CR17108	215494	7 MATCHED DIODE	NSM	E
CR17109	215493	DIODE	NSM	E
CR17110	215493	DIODE	NSM	E
CR17111	215494	7 MATCHED DIODE	NSM	E
CR17112	215493	DIODE	NSM	E
CR17113	233085	DIODE	NSM	E
CR17114	215492	DIODE	NSM	E
CR17301	215492	DIODE	NSM	E
CR17302	215494	7 MATCHED DIODE	NSM	E
CR17303	215493	DIODE	NSM	E
CR17304	215492	DIODE	NSM	E
CR18103	232709	DIODE	NSM	E
CR22301	232709	DIODE	NSM	E
CR22303	232709	DIODE	NSM	E
CR22401	250663	DIODE	NSM	E
CR22401	232710	DIODE, ZENER 6.8V .5W	NSM	E
CR22402	250663	DIODE	NSM	E
CR22402	232710	DIODE, ZENER 6.8V .5W	NSM	E
CR22403	232709	DIODE	NSM	E
CR22404	243897	DIODE, ZENER 3.9V .5W	NSM	E
CR22405	239195	DIODE, ZENER 4.7V .5W	NSM	E
CR22406	243897	DIODE, ZENER 3.9V .5W	NSM	E
CR22407	232709	DIODE	NSM	E
CR24100	139706	DIODE	NSM	E
CR24101	139706	DIODE	NSM	E
CR24501	232244	DIODE	NSM	E
CR24502	157301	DIODE	NSM	A
CR24503	198589	DIODE	NSM	E
CR24504	157301	DIODE	NSM	A
CR26101	232710	DIODE, ZENER 6.8V .5W	NSM	E
CR27901	227051	DIODE	NSM	E
CR41120	232709	DIODE	NSM	E
CR41121	232709	DIODE	NSM	E
CRT	HA97AJG148	CRT / YOKE ASSY: W97AJG14X08	PS38000JX2(GC)	A
CRT	HA86AJG148	W86AJG14X08	PS34000JX2(GC)	A
CRT	HA97AJG148	CRT / YOKE ASSY: W97AJG14X08	F38310JX1(CB)	A
CRT	HA86AJG148	W86AJG14X08	PS34000JX1(CB)	A
CRT	HA97AJG148	CRT / YOKE ASSY: W97AJG14X08	F38310JX2(GC)	A
CRT	HA97AJG148	CRT / YOKE ASSY: W97AJG14X08	PS38000JX1(CB)	A
CRT	HA97AJG148	CRT / YOKE ASSY: W97AJG14X08	F38310JX4(GC)	A
CRT	HA97AJG148	CRT / YOKE ASSY: W97AJG14X08	F38310JX3(CB)	A
CRT	HA97AJG148	CRT / YOKE ASSY: W97AJG14X08	F38310JX5(GCC)	A
CRT	HA97AJG148	CRT / YOKE ASSY: W97AJG14X08	PS38000JX3(CB)	A
CRT	HA97AJG148	CRT / YOKE ASSY: W97AJG14X08	PS38000JX4(GC)	A
DOOR	249702	DOOR, A/V IN	PS34000JX2(GC)	A
DOOR	249702	DOOR, A/V IN	F38310JX2(GC)	A
DOOR	242776	DOOR, BATTERY COVER	PS38000JX1(CB)	E
DOOR	249702	DOOR, A/V IN	PS38000JX2(GC)	A
DOOR	242776	DOOR, BATTERY COVER	PS38000JX2(GC)	E
DOOR	242776	DOOR, BATTERY COVER	PS34000JX2(GC)	E
DOOR	249702	DOOR, A/V IN	PS38000JX1(CB)	A
DOOR	242773	DOOR, BATTERY CRK76	F38310JX2(GC)	E

DOOR	249702	DOOR, A/V IN	PS34000JX1(CB)	A
DOOR	242776	DOOR, BATTERY COVER	PS34000JX1(CB)	E
DOOR	242773	DOOR, BATTERY CRK76	F38310JX1(CB)	E
DOOR	249702	DOOR, A/V IN	F38310JX1(CB)	A
DOOR	249702	DOOR, A/V IN	F38310JX4(GC)	A
DOOR	249702	DOOR, A/V IN	F38310JX3(CB)	A
DOOR	249702	DOOR, A/V IN	F38310JX5(GCC)	A
DOOR	249702	DOOR, A/V IN	PS38000JX3(CB)	E
DOOR	249702	DOOR, A/V IN	PS38000JX4(GC)	E
F14100	240105	FUSE 3A	NSM	A
F14200	243853	FUSE, 6A 125V	NSM	A
FAN	244028	FAN, CHASSIS COOLING	NSM	A
FAN	244019	FAN ASY DM1	PS34000JX2(GC)	E
FAN	244028	FAN, CHASSIS COOLING	PS38000JX2(GC)	A
FAN	244019	FAN ASY DM1	PS38000JX2(GC)	E
FAN	244028	FAN, CHASSIS COOLING	PS34000JX2(GC)	A
FAN	244028	FAN, CHASSIS COOLING	PS38000JX1(CB)	A
FAN	244019	FAN ASY DM1	PS38000JX1(CB)	E
FAN	244028	FAN, CHASSIS COOLING	F38310JX2(GC)	A
FAN	244019	FAN ASY DM1	F38310JX2(GC)	E
FAN	244028	FAN, CHASSIS COOLING	PS34000JX1(CB)	A
FAN	244019	FAN ASY DM1	PS34000JX1(CB)	E
FAN	244028	FAN, CHASSIS COOLING	F38310JX1(CB)	A
FAN	244019	FAN ASY DM1	F38310JX1(CB)	E
FB11901	226467	BEAD	NSM	E
FB11902	226467	BEAD	NSM	E
FB11903	226467	BEAD	NSM	E
FB13101	226467	BEAD	NSM	E
FB13219	215546	BEAD	NSM	E
FB14101	244100	TRANSFORMER FILTER CHOKE	NSM	A
FB14101	223785	BEAD	NSM	E
FB14102	249000	FBEAD BEAD 84OHM	NSM	E
FB14102	232765	BEAD	NSM	E
FB14103	249000	FBEAD BEAD 84OHM	NSM	E
FB14103	232765	BEAD	NSM	E
FB14104	249000	FBEAD BEAD 84OHM	NSM	E
FB14104	232765	BEAD	NSM	E
FB14105	249000	FBEAD BEAD 84OHM	NSM	E
FB14105	232765	BEAD	NSM	E
FB14107	232765	BEAD	NSM	E
FB14110	232765	BEAD	NSM	E
FB14111	232765	BEAD	NSM	E
FB14451	229324	BEAD	NSM	E
FB14701	229324	BEAD	NSM	E
FB14702	232765	BEAD	NSM	E
FB14703	232765	BEAD	NSM	E
FB14704	232765	BEAD	NSM	E
FB14705	232765	BEAD	NSM	E
FB14707	232765	BEAD	NSM	E
FB14708	232765	BEAD	NSM	E
FB14709	232765	BEAD	NSM	E
FB14710	232765	BEAD	NSM	E

FB14711	232765	BEAD	NSM	E
FB14712	232765	BEAD	NSM	E
FB14713	232765	BEAD	NSM	E
FB14714	232765	BEAD	NSM	E
FB14715	232765	BEAD	NSM	E
FB14716	232765	BEAD	NSM	E
FB14801	232765	BEAD	NSM	E
FB14802	232765	BEAD	NSM	E
FB15101	239201	BEAD SMD	NSM	E
FB15102	226467	BEAD	NSM	E
FB15111	239201	BEAD SMD	NSM	E
FB15121	239201	BEAD SMD	NSM	E
FB15131	239201	BEAD SMD	NSM	E
FB15201	226467	BEAD	NSM	E
FB15202	226467	BEAD	NSM	E
FB15203	226467	BEAD	NSM	E
FB16301	215546	BEAD	NSM	E
FB16302	226467	BEAD	NSM	E
FB16303	215546	BEAD	NSM	E
FB16304	215546	BEAD	NSM	E
FB16305	215546	BEAD	NSM	E
FB18100	226467	BEAD	NSM	E
FB18101	226467	BEAD	NSM	E
FB18102	215546	BEAD	NSM	E
FB18103	215546	BEAD	NSM	E
FB18104	215546	BEAD	NSM	E
FB18105	215546	BEAD	NSM	E
FB18106	215546	BEAD	NSM	E
FB18107	226467	BEAD	NSM	E
FB27901	215547	BEAD	NSM	E
FL24501	223359	COIL	NSM	E
FRAME	243937	FRAME, CONTROL SHIELD	NSM	N
FRAME	243938	FRAME, FPIP SHIELD	NSM	N
GROMMET	245526	GROMMET, SCREW ENCLOSING	NSM	E
HEATSINK	243278	HEATSINK	NSM	E
HEATSINK	243922	HEATSINK	NSM	E
HEATSINK	243948	HEATSINK	NSM	E
HEATSINK	243869	HEATSINK	NSM	E
HEATSINK	243870	HEATSINK	NSM	E
HEATSINK	249001	HEATSINK	NSM	E
HEATSINK	DISCON_STK	HEATSINK	NSM	E
HEATSINK	243865	HEATSINK	NSM	E
HEATSINK	243866	HEATSINK	NSM	E
HEATSINK	243867	HEATSINK	NSM	E
HEATSINK	243868	HEATSINK	NSM	E
INSULATOR	214613	INSULATOR	NSM	E
INSULATOR	222518	INSULATOR	NSM	A
INSULATOR	240632	INSULATOR	NSM	E
INSULATOR	237641	INSULATOR	NSM	E
IR13401	245282	IC IR RECEIVER	NSM	E
J11300	245501	JACK, PHONO: 2-HIGH	NSM	E
J11301	245501	JACK, PHONO: 2-HIGH	NSM	E

J11402	242749	CONNECTOR, 8-PIN	NSM	E
J11403	245501	JACK, PHONO: 2-HIGH	NSM	E
J11900	226499	CONNECTOR, 4-PIN	NSM	A
J11901	246639	CONNECTOR, 4-PIN	NSM	A
J13107	227401	CONNECTOR, 5-PIN	NSM	E
J13202	237508	CONNECTOR, 6-PIN: SERVICE	NSM	E
J13401	242896	CONNECTOR, 10-PIN	NSM	E
J14100	223696	CONNECTOR, 9-PIN	NSM	A
J14101	242749	CONNECTOR, 8-PIN	NSM	A
J14101	226979	CONNECTOR, 13-PIN	NSM	A
J14102	243877	CONNECTOR, 20-PIN	NSM	A
J14102	243527	CONNECTOR, 14-PIN	NSM	A
J14201	243878	CABLE ASY, AC-IN	NSM	A
J14402	245514	CABLE JUMPER,J14402/J38301	NSM	E
J14402	243879	CONNECTOR, 29-PIN	NSM	A
J14402	245514	CABLE JUMPER,J14402/J38301	PS38000JX2(GC)	E
J14402	245514	CABLE JUMPER,J14402/J38301	PS34000JX2(GC)	E
J14402	245514	CABLE JUMPER,J14402/J38301	F38310JX2(GC)	E
J14402	245514	CABLE JUMPER,J14402/J38301	PS38000JX1(CB)	E
J14402	245514	CABLE JUMPER,J14402/J38301	PS34000JX1(CB)	E
J14402	245514	CABLE JUMPER,J14402/J38301	F38310JX1(CB)	E
J14403	243582	CONNECTOR 4 PIN	NSM	A
J14405	243880	CONNECTOR 10 PIN	NSM	A
J14601	226977	CONNECTOR, 3-PIN	NSM	E
J14901	243881	CONNECTOR, 2-PIN	NSM	E
J15102	242851	CONNECTOR, 12-PIN	NSM	A
J15103	243949	CONNECTOR, 10-PIN	NSM	A
J15201	226977	CONNECTOR, 3-PIN	NSM	A
J16301	242896	CONNECTOR, 10-PIN	NSM	E
J16501	243927	JACK, PHONO: 3-HIGH W/SVHS	NSM	E
J16502	243927	JACK, PHONO: 3-HIGH W/SVHS	NSM	E
J16503	243927	JACK, PHONO: 3-HIGH W/SVHS	NSM	E
J16504	242851	CONNECTOR, 12-PIN	NSM	A
J16507	226525	CONNECTOR, 2-PIN	NSM	E
J16511	242749	CONNECTOR, 8-PIN	NSM	E
J17102	250727	CABLE, RF: 2ND TO MAIN TUNER	NSM	E
J22325	242851	CONNECTOR, 12-PIN	NSM	E
J22401	245502	JACK, PHONO: 3-HIGH	NSM	E
J22402	242851	CONNECTOR, 12-PIN	NSM	E
J22403	239159	CONNECTOR, 14-PIN	NSM	E
J24352	243582	CONNECTOR 4 PIN	NSM	E
J26101	242851	CONNECTOR, 12-PIN	NSM	A
J26102	243925	CONNECTOR, 10-PIN	NSM	E
J26103	243951	CONNECTOR, USB: 8-PIN	NSM	E
J26104	243610	JACK, PHONO: 3-POSITION	NSM	E
J26105	243953	JACK, HEADPHONE	NSM	E
J27901	226525	CONNECTOR, 2-PIN	NSM	E
J27902	227401	CONNECTOR, 5-PIN	NSM	E
J27903	226977	CONNECTOR, 3-PIN	NSM	A
J38301	243934	CONNECTOR, 29-PIN	NSM	E
J41125	226525	CONNECTOR, 2-PIN	NSM	E
J41126	226525	CONNECTOR, 2-PIN	NSM	E

J41275	226525	CONNECTOR, 2-PIN	NSM	E
J41276	242749	CONNECTOR, 8-PIN	NSM	A
JACK	242827	JACK,TELE ADAPTOR	PS38000JX2(GC)	E
JACK	242827	JACK,TELE ADAPTOR	PS34000JX2(GC)	E
JACK	242827	JACK,TELE ADAPTOR	PS38000JX1(CB)	E
JACK	242827	JACK,TELE ADAPTOR	F38310JX2(GC)	E
JACK	242827	JACK,TELE ADAPTOR	PS34000JX1(CB)	E
JACK	242827	JACK,TELE ADAPTOR	F38310JX1(CB)	E
JACK	242827	JACK,TELE ADAPTOR	F38310JX4(GC)	E
JACK	242827	JACK,TELE ADAPTOR	F38310JX3(CB)	E
JACK	242827	JACK,TELE ADAPTOR	F38310JX5(GCC)	E
JACK	242827	JACK,TELE ADAPTOR	PS38000JX3(CB)	E
JACK	242827	JACK,TELE ADAPTOR	PS38000JX4(GC)	E
JC11901	205408	RES CMF 1/10W 0% 0R	NSM	E
JC14101	181161	RES CMF 1/8W 0% 0R	NSM	A
JC14102	181161	RES CMF 1/8W 0% 0R	NSM	A
JC14103	181161	RES CMF 1/8W 0% 0R	NSM	A
JC14104	181161	RES CMF 1/8W 0% 0R	NSM	A
JC14105	181161	RES CMF 1/8W 0% 0R	NSM	A
JC14106	181161	RES CMF 1/8W 0% 0R	NSM	A
JC14107	181161	RES CMF 1/8W 0% 0R	NSM	E
JC14301	205408	RES CMF 1/10W 0% 0R	NSM	E
JC14302	205408	RES CMF 1/10W 0% 0R	NSM	E
JC14701	181161	RES CMF 1/8W 0% 0R	NSM	E
JC14702	181161	RES CMF 1/8W 0% 0R	NSM	E
JC14703	205408	RES CMF 1/10W 0% 0R	NSM	E
JC14704	181161	RES CMF 1/8W 0% 0R	NSM	E
JC14705	181161	RES CMF 1/8W 0% 0R	NSM	E
JC14706	205408	RES CMF 1/10W 0% 0R	NSM	E
JC14707	205408	RES CMF 1/10W 0% 0R	NSM	E
JC14708	181161	RES CMF 1/8W 0% 0R	NSM	E
JC14710	181161	RES CMF 1/8W 0% 0R	NSM	E
JC14802	181161	RES CMF 1/8W 0% 0R	NSM	E
JC15201	181161	RES CMF 1/8W 0% 0R	NSM	E
JC15202	181161	RES CMF 1/8W 0% 0R	NSM	E
JC16301	205408	RES CMF 1/10W 0% 0R	NSM	E
JC16302	205408	RES CMF 1/10W 0% 0R	NSM	E
JC16303	205408	RES CMF 1/10W 0% 0R	NSM	E
JC16304	205408	RES CMF 1/10W 0% 0R	NSM	E
JC16305	205408	RES CMF 1/10W 0% 0R	NSM	E
JC17701	181161	RES CMF 1/8W 0% 0R	NSM	E
JC17702	181161	RES CMF 1/8W 0% 0R	NSM	E
JC17703	205408	RES CMF 1/10W 0% 0R	NSM	E
JC17704	205408	RES CMF 1/10W 0% 0R	NSM	E
JC17705	205408	RES CMF 1/10W 0% 0R	NSM	E
JC17706	181161	RES CMF 1/8W 0% 0R	NSM	E
JC17707	181161	RES CMF 1/8W 0% 0R	NSM	E
JC17708	181161	RES CMF 1/8W 0% 0R	NSM	E
JC17709	181161	RES CMF 1/8W 0% 0R	NSM	E
JC27901	181161	RES CMF 1/8W 0% 0R	NSM	E
JC27902	181161	RES CMF 1/8W 0% 0R	NSM	E
JC38201	205408	RES CMF 1/10W 0% 0R	NSM	E

JC38202	205408	RES CMF 1/10W 0% 0R	NSM	E
JC38303	181161	RES CMF 1/8W 0% 0R	NSM	E
JC38304	181161	RES CMF 1/8W 0% 0R	NSM	E
JC38306	205408	RES CMF 1/10W 0% 0R	NSM	E
JC38309	205408	RES CMF 1/10W 0% 0R	NSM	E
JW14706	175761	RES CF 1/4W 5% 7.5K	NSM	E
K14250	190490	RELAY	NSM	A
KS15101	243950	SOCKET KINE DUAL FOCUS	NSM	A
L11900	250907	COIL, .35UH 20%	NSM	E
L11901	250907	COIL, .35UH 20%	NSM	E
L11902	243889	COIL, 680UH	NSM	E
L11903	250907	COIL, .35UH 20%	NSM	E
L11904	243889	COIL, 680UH	NSM	E
L11905	232707	COIL	NSM	E
L11906	232707	COIL	NSM	E
L11907	232707	COIL	NSM	E
L11908	232707	COIL	NSM	E
L11909	250907	COIL, .35UH 20%	NSM	E
L13105	235445	COIL	NSM	E
L13201	243675	COIL, 10UH	NSM	E
L13202	243675	COIL, 10UH	NSM	E
L13203	243675	COIL, 10UH	NSM	E
L13204	243675	COIL, 10UH	NSM	E
L13205	237451	COIL 4.7UH	NSM	E
L13206	237451	COIL 4.7UH	NSM	E
L14101	231899	TRANSFORMER	NSM	A
L14103	242889	COIL, 15UH	NSM	E
L14103	243829	COIL 120UH	NSM	A
L14104	242889	COIL, 15UH	NSM	E
L14200	227014	TRANSFORMER	NSM	A
L14201	227014	TRANSFORMER	NSM	A
L14203	227014	TRANSFORMER	NSM	A
L14302	242889	COIL, 15UH	NSM	E
L14452	243962	COIL FIXED 4.5UH	NSM	A
L14454	223359	COIL	NSM	E
L14456	250739	COIL, 3.3UH 15%	NSM	A
L14500	242889	COIL, 15UH	NSM	E
L14501	242889	COIL, 15UH	NSM	E
L14550	243954	COIL	NSM	E
L14601	232215	COIL	NSM	E
L14602	242889	COIL, 15UH	NSM	E
L14760	223359	COIL	NSM	E
L14775	243832	COIL	NSM	E
L14801	223359	COIL	NSM	E
L15101	160518	COIL 10UH	NSM	A
L15102	242889	COIL, 15UH	NSM	A
L15111	214576	COIL 3.3UH	NSM	A
L15112	205408	RES CMF 1/10W 0% 0R	NSM	E
L15121	214576	COIL 3.3UH	NSM	A
L15122	205408	RES CMF 1/10W 0% 0R	NSM	E
L15131	214576	COIL 3.3UH	NSM	A
L15132	205408	RES CMF 1/10W 0% 0R	NSM	E

L15201	239143	COIL 2.2UH SMD	NSM	E
L15202	214576	COIL 3.3UH	NSM	E
L15203	243942	TRANSFORMER	NSM	E
L16302	243675	COIL, 10UH	NSM	E
L16303	243675	COIL, 10UH	NSM	E
L16304	238094	COIL, 15UH	NSM	E
L16305	195713	COIL, 47UH	NSM	E
L16306	238094	COIL, 15UH	NSM	E
L16307	195713	COIL, 47UH	NSM	E
L16308	195713	COIL, 47UH	NSM	E
L16309	195713	COIL, 47UH	NSM	E
L16310	235445	COIL, 10UH	NSM	E
L16311	243499	COIL, 12UH	NSM	E
L16312	243499	COIL, 12UH	NSM	E
L16313	243892	COIL, 5.6UH	NSM	E
L16314	243672	COIL, 4.7UH	NSM	E
L17101	215507	COIL AIR	NSM	E
L17102	236641	COIL AIR	NSM	E
L17103	223929	COIL AIR	NSM	E
L17104	223917	COIL AIR	NSM	E
L17105	223917	COIL AIR	NSM	E
L17106	215507	COIL AIR	NSM	E
L17107	233057	COIL AIR	NSM	E
L17108	233074	COIL AIR	NSM	E
L17109	200559	COIL 3.9UH	NSM	E
L17110	233075	COIL AIR	NSM	E
L17111	233076	COIL AIR	NSM	E
L17112	231441	COIL AIR	NSM	E
L17113	233077	COIL AIR	NSM	E
L17114	231441	COIL AIR	NSM	E
L17115	233078	COIL AIR	NSM	E
L17116	237461	COIL AIR	NSM	E
L17117	237460	COIL AIR	NSM	E
L17118	237461	COIL AIR	NSM	E
L17301	231443	COIL AIR	NSM	E
L17302	231444	COIL AIR	NSM	E
L17303	233079	COIL AIR	NSM	E
L17304	233080	COIL AIR	NSM	E
L17305	236643	COIL AIR	NSM	E
L17306	231448	COIL AIR	NSM	E
L18100	238094	COIL 15UH	NSM	E
L18101	243892	COIL	NSM	E
L18102	243672	COIL, 4.7UH	NSM	E
L18103	243675	COIL, 10UH	NSM	E
L18104	243499	COIL, 12UH	NSM	E
L18105	243892	COIL	NSM	E
L18106	243576	COIL, 8.2UH	NSM	E
L18107	243894	COIL	NSM	E
L18108	238094	COIL 15UH	NSM	E
L18110	195713	COIL, 47UH	NSM	A
L18111	195713	COIL, 47UH	NSM	A
L18112	195713	COIL, 47UH	NSM	A

L22300	243895	BEAD	NSM	E
L22301	205408	RES CMF 1/10W 0% 0R	NSM	E
L22302	205408	RES CMF 1/10W 0% 0R	NSM	E
L22303	205408	RES CMF 1/10W 0% 0R	NSM	E
L22304	195713	COIL, 47UH	NSM	E
L22305	205408	RES CMF 1/10W 0% 0R	NSM	E
L22306	243895	BEAD	NSM	E
L22307	195713	COIL, 47UH	NSM	E
L27903	197613	COIL 15UH	NSM	E
L27904	249232	COIL	NSM	E
L27906	190017	COIL	NSM	E
L27907	190017	COIL	NSM	E
L27908	190017	COIL	NSM	E
L38300	195713	COIL, 47UH	NSM	E
L4202	237832	COIL, FIELD CANCEL	PS38000JX2(GC)	E
L4202	237832	COIL, FIELD CANCEL	PS34000JX2(GC)	E
L4202	237832	COIL, FIELD CANCEL	F38310JX1(CB)	E
L4202	237832	COIL, FIELD CANCEL	F38310JX2(GC)	E
L4202	237832	COIL, FIELD CANCEL	PS38000JX1(CB)	E
L4202	237832	COIL, FIELD CANCEL	PS34000JX1(CB)	E
L4202	237832	COIL, FIELD CANCEL	F38310JX4(GC)	E
L4202	237832	COIL, FIELD CANCEL	F38310JX3(CB)	E
L4202	237832	COIL, FIELD CANCEL	F38310JX5(GCC)	E
LOGO	243586	LOGO, PROSCAN	PS38000JX2(GC)	N
LOGO	243586	LOGO, PROSCAN	PS34000JX2(GC)	N
LOGO	249698	LOGO, RCA	F38310JX2(GC)	N
LOGO	249698	LOGO, RCA	F38310JX1(CB)	N
LOGO	243586	LOGO, PROSCAN	PS38000JX1(CB)	N
LOGO	243586	LOGO, PROSCAN	PS34000JX1(CB)	N
LOGO	249698	LOGO, RCA	F38310JX4(GC)	N
LOGO	249698	LOGO, RCA	F38310JX3(CB)	N
LOGO	249698	LOGO, RCA	F38310JX5(GCC)	N
LOGO	243586	LOGO, PROSCAN	PS38000JX3(CB)	N
LOGO	243586	LOGO, PROSCAN	PS38000JX4(GC)	N
MASK	MK2407	MASK & BACK ASY	PS38000JX2(GC)	Z
MASK	DISCON_STK	MASK & BACK ASY	PS34000JX2(GC)	Z
MASK	MK2405	MASK & BACK ASY	F38310JX2(GC)	Z
MASK	MK2407	MASK & BACK ASY	PS38000JX1(CB)	Z
MASK	MK2405	MASK & BACK ASY	F38310JX1(CB)	Z
MASK	DISCON_STK	MASK & BACK ASY	PS34000JX1(CB)	Z
MASK	MK2405	MASK & BACK ASY	F38310JX3(CB)	Z
MASK	MK2405	MASK & BACK ASY	F38310JX4(GC)	Z
MASK	MK2405	MASK & BACK ASY	F38310JX5(GCC)	Z
MASK	MK2407	MASK	PS38000JX3(CB)	A
MASK	MK2407	MASK	PS38000JX4(GC)	A
OVERLAY	250855	OVERLAY, JACK PANEL	NSM	A
OVERLAY	250938	OVERLAY, FRONT A/V JACKS	PS38000JX2(GC)	E
OVERLAY	250938	OVERLAY, FRONT A/V JACKS	PS34000JX2(GC)	E
OVERLAY	250855	OVERLAY, JACK PANEL	PS34000JX2(GC)	A
OVERLAY	250855	OVERLAY, JACK PANEL	PS38000JX2(GC)	A
OVERLAY	250855	OVERLAY, JACK PANEL	PS38000JX1(CB)	A
OVERLAY	250938	OVERLAY, FRONT A/V JACKS	F38310JX2(GC)	E

OVERLAY	250855	OVERLAY, JACK PANEL	F38310JX2(GC)	A
OVERLAY	250938	OVERLAY, FRONT A/V JACKS	F38310JX1(CB)	E
OVERLAY	250855	OVERLAY, JACK PANEL	PS34000JX1(CB)	A
OVERLAY	250938	OVERLAY, FRONT A/V JACKS	PS38000JX1(CB)	E
OVERLAY	250855	OVERLAY, JACK PANEL	F38310JX1(CB)	A
OVERLAY	250938	OVERLAY, FRONT A/V JACKS	PS34000JX1(CB)	E
OVERLAY	250938	OVERLAY, FRONT A/V JACKS	F38310JX4(GC)	E
OVERLAY	250938	OVERLAY, FRONT A/V JACKS	F38310JX3(CB)	E
OVERLAY	250938	OVERLAY, FRONT A/V JACKS	F38310JX5(GCC)	E
OVERLAY	250938	OVERLAY, FRONT A/V JACKS	PS38000JX3(CB)	E
OVERLAY	250938	OVERLAY, FRONT A/V JACKS	PS38000JX4(GC)	E
P14406	243960	CONNECTOR, 20-PIN	NSM	E
P1901	250947	CABLE, SPEAKER	PS38000JX2(GC)	E
P1901	250947	CABLE, SPEAKER	PS34000JX2(GC)	E
P1901	250947	CABLE, SPEAKER	F38310JX1(CB)	E
P1901	250947	CABLE, SPEAKER	F38310JX2(GC)	E
P1901	250947	CABLE, SPEAKER	PS38000JX1(CB)	E
P1901	250947	CABLE, SPEAKER	PS34000JX1(CB)	E
P1901	250947	CABLE, SPEAKER	F38310JX4(GC)	E
P1901	250947	CABLE, SPEAKER	F38310JX3(CB)	E
P1901	250947	CABLE, SPEAKER	F38310JX5(GCC)	E
PANEL	250862	PANEL, REAR JACK	NSM	A
PANEL	250862	PANEL, REAR JACK	F38310JX2(GC)	A
PANEL	250862	PANEL, REAR JACK	PS34000JX2(GC)	A
PANEL	250862	PANEL, REAR JACK	PS38000JX2(GC)	A
PANEL	250862	PANEL, REAR JACK	PS38000JX1(CB)	A
PANEL	250862	PANEL, REAR JACK	PS34000JX1(CB)	A
PANEL	250862	PANEL, REAR JACK	F38310JX1(CB)	A
Q11300	215496	TRANSISTOR	NSM	E
Q11301	215495	TRANSISTOR	NSM	E
Q11302	215495	TRANSISTOR	NSM	E
Q11303	215495	TRANSISTOR	NSM	E
Q11306	215495	TRANSISTOR	NSM	E
Q11307	215495	TRANSISTOR	NSM	E
Q11308	215496	TRANSISTOR	NSM	E
Q11401	215495	TRANSISTOR	NSM	E
Q11402	215495	TRANSISTOR	NSM	E
Q11403	215495	TRANSISTOR	NSM	E
Q11701	215495	TRANSISTOR	NSM	E
Q11702	215495	TRANSISTOR	NSM	E
Q11903	215495	TRANSISTOR	NSM	E
Q11904	215495	TRANSISTOR	NSM	E
Q11905	215495	TRANSISTOR	NSM	E
Q11906	215495	TRANSISTOR	NSM	E
Q11907	215496	TRANSISTOR	NSM	E
Q11908	215495	TRANSISTOR	NSM	E
Q11909	215496	TRANSISTOR	NSM	E
Q13101	215496	TRANSISTOR	NSM	E
Q13103	215496	TRANSISTOR	NSM	E
Q13104	215496	TRANSISTOR	NSM	E
Q13105	215496	TRANSISTOR	NSM	E
Q13106	215496	TRANSISTOR	NSM	E

Q13107	215495	TRANSISTOR	NSM	E
Q13108	215496	TRANSISTOR	NSM	E
Q13109	215496	TRANSISTOR	NSM	E
Q13301	215496	TRANSISTOR	NSM	E
Q14100	201152	TRANSISTOR	NSM	E
Q14100	243833	TRANSISTOR	NSM	A
Q14101	219025	TRANSISTOR	NSM	E
Q14101	243430	TRANSISTOR	NSM	A
Q14102	232218	TRANSISTOR	NSM	E
Q14103	229220	TRANSISTOR	NSM	E
Q14103	243836	TRANSISTOR	NSM	E
Q14105	219025	TRANSISTOR	NSM	E
Q14105	215495	TRANSISTOR	NSM	E
Q14106	229220	TRANSISTOR	NSM	E
Q14106	243836	TRANSISTOR	NSM	E
Q14107	219025	TRANSISTOR	NSM	E
Q14108	229220	TRANSISTOR	NSM	E
Q14250	229220	TRANSISTOR	NSM	E
Q14300	232218	TRANSISTOR	NSM	E
Q14301	177788	TRANSISTOR	NSM	E
Q14302	243955	TRANSISTOR	NSM	A
Q14303	232218	TRANSISTOR	NSM	E
Q14304	215496	TRANSISTOR	NSM	E
Q14450	229220	TRANSISTOR	NSM	E
Q14451	243834	TRANSISTOR	NSM	E
Q14460	257044	TRANSISTOR	NSM	A
Q14501	215496	TRANSISTOR	NSM	E
Q14502	215495	TRANSISTOR	NSM	E
Q14503	215496	TRANSISTOR	NSM	E
Q14504	226453	TRANSISTOR	NSM	E
Q14540	215496	TRANSISTOR	NSM	E
Q14541	215496	TRANSISTOR	NSM	E
Q14550	215495	TRANSISTOR	NSM	E
Q14551	215496	TRANSISTOR	NSM	E
Q14601	201152	TRANSISTOR	NSM	E
Q14602	147665	TRANSISTOR	NSM	A
Q14603	232218	TRANSISTOR	NSM	E
Q14604	243836	TRANSISTOR	NSM	E
Q14605	219025	TRANSISTOR	NSM	E
Q14606	219412	TRANSISTOR	NSM	E
Q14607	219025	TRANSISTOR	NSM	E
Q14608	229220	TRANSISTOR	NSM	E
Q14700	243837	TRANSISTOR	NSM	E
Q14701	243837	TRANSISTOR	NSM	E
Q14702	215495	TRANSISTOR	NSM	E
Q14703	232218	TRANSISTOR	NSM	E
Q14704	147665	TRANSISTOR	NSM	A
Q14706	215496	TRANSISTOR	NSM	E
Q14707	215496	TRANSISTOR	NSM	E
Q14708	214644	TRANSISTOR	NSM	E
Q14730	243838	TRANSISTOR	NSM	A
Q14731	243838	TRANSISTOR	NSM	A

Q14732	215496	TRANSISTOR	NSM	E
Q14733	215495	TRANSISTOR	NSM	E
Q14734	215496	TRANSISTOR	NSM	E
Q14735	214644	TRANSISTOR	NSM	E
Q14736	214644	TRANSISTOR	NSM	E
Q14737	229220	TRANSISTOR	NSM	E
Q14738	214644	TRANSISTOR	NSM	E
Q14739	214644	TRANSISTOR	NSM	E
Q14740	215495	TRANSISTOR	NSM	E
Q14741	215495	TRANSISTOR	NSM	E
Q14750	219025	TRANSISTOR	NSM	A
Q14751	243839	TRANSISTOR	NSM	E
Q14800	247633	TRANSISTOR	NSM	E
Q14801	147665	TRANSISTOR	NSM	A
Q14802	232218	TRANSISTOR	NSM	E
Q14803	229220	TRANSISTOR	NSM	E
Q14804	219025	TRANSISTOR	NSM	E
Q14805	215495	TRANSISTOR	NSM	E
Q14811	215495	TRANSISTOR	NSM	E
Q14813	215495	TRANSISTOR	NSM	E
Q14901	N/S/P	TRANSISTOR	NSM	A
Q14902	215495	TRANSISTOR	NSM	A
Q14903	215496	TRANSISTOR	NSM	E
Q14904	215495	TRANSISTOR	NSM	A
Q15101	215496	TRANSISTOR	NSM	E
Q15102	214644	TRANSISTOR	NSM	E
Q15103	214644	TRANSISTOR	NSM	E
Q15104	215496	TRANSISTOR	NSM	E
Q15105	215496	TRANSISTOR	NSM	E
Q15106	215496	TRANSISTOR	NSM	E
Q15107	215496	TRANSISTOR	NSM	E
Q15108	215496	TRANSISTOR	NSM	E
Q15109	214644	TRANSISTOR	NSM	E
Q15110	215496	TRANSISTOR	NSM	E
Q15111	215495	TRANSISTOR	NSM	E
Q15112	215495	TRANSISTOR	NSM	E
Q15113	214644	TRANSISTOR	NSM	E
Q15121	215495	TRANSISTOR	NSM	E
Q15123	214644	TRANSISTOR	NSM	E
Q15131	215495	TRANSISTOR	NSM	E
Q15133	214644	TRANSISTOR	NSM	E
Q15171	215496	TRANSISTOR	NSM	E
Q15172	226453	TRANSISTOR	NSM	E
Q15173	227406	TRANSISTOR	NSM	E
Q15180	214644	TRANSISTOR	NSM	E
Q15203	215495	TRANSISTOR	NSM	E
Q15204	215495	TRANSISTOR	NSM	E
Q15205	215495	TRANSISTOR	NSM	E
Q15210	177788	TRANSISTOR	NSM	E
Q15211	177789	TRANSISTOR	NSM	E
Q15212	227405	TRANSISTOR	NSM	E
Q15213	227404	TRANSISTOR	NSM	E

Q15214	229220	TRANSISTOR	NSM	E
Q15215	215495	TRANSISTOR	NSM	E
Q15216	215495	TRANSISTOR	NSM	E
Q15217	215496	TRANSISTOR	NSM	E
Q16301	215495	TRANSISTOR	NSM	E
Q16302	215496	TRANSISTOR	NSM	E
Q16303	215495	TRANSISTOR	NSM	E
Q16304	215496	TRANSISTOR	NSM	E
Q16305	215496	TRANSISTOR	NSM	E
Q16306	215495	TRANSISTOR	NSM	E
Q16307	215496	TRANSISTOR	NSM	E
Q16308	215495	TRANSISTOR	NSM	E
Q16309	215496	TRANSISTOR	NSM	E
Q16310	215496	TRANSISTOR	NSM	E
Q16311	215496	TRANSISTOR	NSM	E
Q16312	215496	TRANSISTOR	NSM	E
Q16313	215495	TRANSISTOR	NSM	E
Q16314	215495	TRANSISTOR	NSM	E
Q16500	215496	TRANSISTOR	NSM	E
Q16501	215496	TRANSISTOR	NSM	E
Q16502	215496	TRANSISTOR	NSM	E
Q16503	215496	TRANSISTOR	NSM	E
Q16504	215496	TRANSISTOR	NSM	E
Q16505	243896	TRANSISTOR	NSM	E
Q16506	219028	TRANSISTOR	NSM	E
Q16509	215496	TRANSISTOR	NSM	E
Q17101	226973	TRANSISTOR VHF	NSM	E
Q17102	226973	TRANSISTOR VHF	NSM	E
Q17402	215496	TRANSISTOR	NSM	E
Q17403	231534	TRANSISTOR	NSM	E
Q17404	215496	TRANSISTOR	NSM	E
Q18100	215495	TRANSISTOR	NSM	E
Q18101	215496	TRANSISTOR	NSM	E
Q18102	215495	TRANSISTOR	NSM	E
Q18103	215495	TRANSISTOR	NSM	E
Q18104	219412	TRANSISTOR	NSM	E
Q18105	215495	TRANSISTOR	NSM	E
Q18106	215495	TRANSISTOR	NSM	E
Q18107	215496	TRANSISTOR	NSM	E
Q18108	215495	TRANSISTOR	NSM	E
Q18109	215495	TRANSISTOR	NSM	E
Q18110	215495	TRANSISTOR	NSM	E
Q18111	215495	TRANSISTOR	NSM	E
Q18112	223657	TRANSISTOR	NSM	E
Q22301	215496	TRANSISTOR	NSM	E
Q22302	215495	TRANSISTOR	NSM	E
Q22303	215495	TRANSISTOR	NSM	E
Q22304	215496	TRANSISTOR	NSM	E
Q22306	215495	TRANSISTOR	NSM	E
Q22307	215496	TRANSISTOR	NSM	E
Q22308	215496	TRANSISTOR	NSM	E
Q22309	215495	TRANSISTOR	NSM	E

Q22311	215496	TRANSISTOR	NSM	E
Q22312	215495	TRANSISTOR	NSM	E
Q22315	215496	TRANSISTOR	NSM	E
Q22316	215495	TRANSISTOR	NSM	E
Q22317	215496	TRANSISTOR	NSM	E
Q22318	215495	TRANSISTOR	NSM	E
Q22319	215495	TRANSISTOR	NSM	E
Q22320	215495	TRANSISTOR	NSM	E
Q22402	215495	TRANSISTOR	NSM	E
Q22403	214644	TRANSISTOR	NSM	E
Q22404	214644	TRANSISTOR	NSM	E
Q22405	214644	TRANSISTOR	NSM	E
Q22406	215496	TRANSISTOR	NSM	E
Q22407	215495	TRANSISTOR	NSM	E
Q22408	215495	TRANSISTOR	NSM	E
Q22409	215495	TRANSISTOR	NSM	E
Q22410	215495	TRANSISTOR	NSM	E
Q22411	215495	TRANSISTOR	NSM	E
Q22412	223657	TRANSISTOR	NSM	E
Q22413	215496	TRANSISTOR	NSM	E
Q22414	215496	TRANSISTOR	NSM	E
Q22415	223657	TRANSISTOR	NSM	E
Q22416	215496	TRANSISTOR	NSM	E
Q22417	215495	TRANSISTOR	NSM	E
Q22418	215495	TRANSISTOR	NSM	E
Q24100	215495	TRANSISTOR	NSM	E
Q24101	215495	TRANSISTOR	NSM	E
Q24102	215495	TRANSISTOR	NSM	E
Q24103	215496	TRANSISTOR	NSM	E
Q24105	215495	TRANSISTOR	NSM	E
Q24503	229220	TRANSISTOR	NSM	E
Q26101	215495	TRANSISTOR	NSM	E
Q26102	215496	TRANSISTOR	NSM	E
Q26103	215495	TRANSISTOR	NSM	E
Q27901	215495	TRANSISTOR	NSM	E
Q27902	215495	TRANSISTOR	NSM	E
Q27903	215496	TRANSISTOR	NSM	E
Q27904	215496	TRANSISTOR	NSM	E
Q27905	215495	TRANSISTOR	NSM	E
Q27906	215496	TRANSISTOR	NSM	E
Q27908	215496	TRANSISTOR	NSM	E
Q32101	219412	TRANSISTOR	NSM	E
Q38302	243896	TRANSISTOR	NSM	E
Q38306	215495	TRANSISTOR	NSM	E
Q38307	215495	TRANSISTOR	NSM	E
Q38308	215495	TRANSISTOR	NSM	E
Q38309	215496	TRANSISTOR	NSM	E
Q38310	215496	TRANSISTOR	NSM	E
Q38311	215495	TRANSISTOR	NSM	E
Q38312	243896	TRANSISTOR	NSM	E
Q38313	215496	TRANSISTOR	NSM	E
Q38314	215495	TRANSISTOR	NSM	E

Q38315	215495	TRANSISTOR	NSM	E
Q38316	243896	TRANSISTOR	NSM	E
Q38323	215495	TRANSISTOR	NSM	E
Q38324	215495	TRANSISTOR	NSM	E
Q38327	215495	TRANSISTOR	NSM	E
Q38328	243896	TRANSISTOR	NSM	E
Q41125	219025	TRANSISTOR	NSM	E
Q41126	215495	TRANSISTOR	NSM	E
Q41275	219025	TRANSISTOR	NSM	E
Q41276	229220	TRANSISTOR	NSM	E
Q41277	215495	TRANSISTOR	NSM	E
R11300	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R11301	192100	RES CMF 1/10W 5% 1K	NSM	E
R11302	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R11303	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R11304	192100	RES CMF 1/10W 5% 1K	NSM	E
R11307	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R11308	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R11309	192100	RES CMF 1/10W 5% 1K	NSM	E
R11310	192100	RES CMF 1/10W 5% 1K	NSM	E
R11313	241259	RESISTOR	NSM	A
R11314	197470	RESISTOR	NSM	E
R11315	192084	RES CMF 1/10W 5% 100K	NSM	E
R11316	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R11317	192100	RES CMF 1/10W 5% 1K	NSM	E
R11318	197470	RESISTOR	NSM	E
R11319	195937	RES CMF 1/10W 5% 10K	NSM	E
R11320	195937	RES CMF 1/10W 5% 10K	NSM	E
R11321	197470	RESISTOR	NSM	E
R11322	195937	RES CMF 1/10W 5% 10K	NSM	E
R11323	195937	RES CMF 1/10W 5% 10K	NSM	E
R11327	243967	RESISTOR	NSM	E
R11328	243967	RESISTOR	NSM	E
R11329	243967	RESISTOR	NSM	E
R11330	243967	RESISTOR	NSM	E
R11333	197640	RES CMF 1/10W 5% 150K	NSM	E
R11334	197640	RES CMF 1/10W 5% 150K	NSM	E
R11335	197470	RESISTOR	NSM	E
R11336	197904	RES CMF 1/10W 2% 20K	NSM	E
R11400	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R11401	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R11402	194917	RES CMF 1/10W 2% 3K	NSM	E
R11403	194917	RES CMF 1/10W 2% 3K	NSM	E
R11404	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R11405	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R11406	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R11407	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R11408	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R11409	192100	RES CMF 1/10W 5% 1K	NSM	E
R11410	218508	RES CMF 1/10W 5% 100R	NSM	E
R11411	218508	RES CMF 1/10W 5% 100R	NSM	E
R11412	218508	RES CMF 1/10W 5% 100R	NSM	E

R11413	218508	RES CMF 1/10W 5% 100R	NSM	E
R11414	192100	RES CMF 1/10W 5% 1K	NSM	A
R11415	218508	RES CMF 1/10W 5% 100R	NSM	E
R11416	218508	RES CMF 1/10W 5% 100R	NSM	E
R11417	192100	RES CMF 1/10W 5% 1K	NSM	A
R11418	192100	RES CMF 1/10W 5% 1K	NSM	A
R11419	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R11420	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R11421	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R11422	218508	RES CMF 1/10W 5% 100R	NSM	E
R11423	218508	RES CMF 1/10W 5% 100R	NSM	E
R11424	218508	RES CMF 1/10W 5% 100R	NSM	E
R11425	218508	RES CMF 1/10W 5% 100R	NSM	E
R11426	241259	RESISTOR	NSM	A
R11427	192084	RES CMF 1/10W 5% 100K	NSM	E
R11428	192084	RES CMF 1/10W 5% 100K	NSM	E
R11429	192084	RES CMF 1/10W 5% 100K	NSM	E
R11430	194917	RES CMF 1/10W 2% 3K	NSM	E
R11431	194917	RES CMF 1/10W 2% 3K	NSM	E
R11432	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R11433	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R11448	195939	RES CMF 1/10W 2% 680R	NSM	E
R11450	197640	RES CMF 1/10W 5% 150K	NSM	E
R11451	197640	RES CMF 1/10W 5% 150K	NSM	E
R11452	197640	RES CMF 1/10W 5% 150K	NSM	E
R11453	197640	RES CMF 1/10W 5% 150K	NSM	E
R11454	197640	RES CMF 1/10W 5% 150K	NSM	E
R11455	197640	RES CMF 1/10W 5% 150K	NSM	E
R11456	243967	RESISTOR	NSM	E
R11457	243967	RESISTOR	NSM	E
R11458	243967	RESISTOR	NSM	E
R11459	243967	RESISTOR	NSM	E
R11464	243967	RESISTOR	NSM	E
R11465	243967	RESISTOR	NSM	E
R11466	192084	RES CMF 1/10W 5% 100K	NSM	E
R11467	192084	RES CMF 1/10W 5% 100K	NSM	E
R11468	192084	RES CMF 1/10W 5% 100K	NSM	E
R11469	197904	RES CMF 1/10W 2% 20K	NSM	E
R11470	197470	RESISTOR	NSM	E
R11471	218508	RES CMF 1/10W 5% 100R	NSM	E
R11472	192084	RES CMF 1/10W 5% 100K	NSM	E
R11473	218508	RES CMF 1/10W 5% 100R	NSM	E
R11474	192084	RES CMF 1/10W 5% 100K	NSM	E
R11475	197470	RESISTOR	NSM	E
R11476	197470	RESISTOR	NSM	E
R11477	218508	RES CMF 1/10W 5% 100R	NSM	E
R11478	192084	RES CMF 1/10W 5% 100K	NSM	E
R11479	218508	RES CMF 1/10W 5% 100R	NSM	E
R11480	192084	RES CMF 1/10W 5% 100K	NSM	E
R11481	195937	RES CMF 1/10W 5% 10K	NSM	E
R11482	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R11483	195937	RES CMF 1/10W 5% 10K	NSM	E

R11484	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R11485	195937	RES CMF 1/10W 5% 10K	NSM	E
R11486	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R11487	195937	RES CMF 1/10W 5% 10K	NSM	E
R11488	197640	RES CMF 1/10W 5% 150K	NSM	E
R11489	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R11490	241259	RESISTOR	NSM	A
R11491	243967	RESISTOR	NSM	E
R11492	197640	RES CMF 1/10W 5% 150K	NSM	E
R11495	243967	RESISTOR	NSM	E
R11496	197640	RES CMF 1/10W 5% 150K	NSM	E
R11497	195937	RES CMF 1/10W 5% 10K	NSM	E
R11498	195937	RES CMF 1/10W 5% 10K	NSM	E
R11499	197640	RES CMF 1/10W 5% 150K	NSM	E
R11501	195937	RES CMF 1/10W 5% 10K	NSM	E
R11502	195937	RES CMF 1/10W 5% 10K	NSM	E
R11503	195937	RES CMF 1/10W 5% 10K	NSM	E
R11504	195937	RES CMF 1/10W 5% 10K	NSM	E
R11505	205346	RES CMF 1/10W 5% 5.6K	NSM	E
R11506	195937	RES CMF 1/10W 5% 10K	NSM	E
R11508	192100	RES CMF 1/10W 5% 1K	NSM	E
R11509	197904	RES CMF 1/10W 2% 20K	NSM	E
R11700	200169	RES CMF 1/10W 5% 12K	NSM	E
R11701	192084	RES CMF 1/10W 5% 100K	NSM	E
R11702	192084	RES CMF 1/10W 5% 100K	NSM	E
R11703	192100	RES CMF 1/10W 5% 1K	NSM	E
R11704	197470	RESISTOR	NSM	E
R11705	197622	RESISTOR	NSM	E
R11706	197622	RESISTOR	NSM	E
R11707	206301	RES CMF 1/10W 5% 15K	NSM	E
R11708	197622	RESISTOR	NSM	E
R11709	195937	RES CMF 1/10W 5% 10K	NSM	E
R11710	197470	RESISTOR	NSM	E
R11711	226489	RES CMF 1/10W 5% 30K	NSM	E
R11712	192084	RES CMF 1/10W 5% 100K	NSM	E
R11713	192100	RES CMF 1/10W 5% 1K	NSM	E
R11714	192084	RES CMF 1/10W 5% 100K	NSM	E
R11716	192084	RES CMF 1/10W 5% 100K	NSM	E
R11717	192084	RES CMF 1/10W 5% 100K	NSM	E
R11720	241259	RESISTOR	NSM	A
R11722	197470	RESISTOR	NSM	E
R11723	195937	RES CMF 1/10W 5% 10K	NSM	E
R11724	206301	RES CMF 1/10W 5% 15K	NSM	E
R11725	197471	RES CMF 1/10W 5% 68K	NSM	E
R11726	195937	RES CMF 1/10W 5% 10K	NSM	E
R11727	192084	RES CMF 1/10W 5% 100K	NSM	E
R11728	192084	RES CMF 1/10W 5% 100K	NSM	E
R11729	197470	RESISTOR	NSM	E
R11730	194916	RES CMF 1/10W 2% 6.8K	NSM	E
R11731	197470	RESISTOR	NSM	E
R11732	192084	RES CMF 1/10W 5% 100K	NSM	E
R11733	192084	RES CMF 1/10W 5% 100K	NSM	E

R11734	192100	RES CMF 1/10W 5% 1K	NSM	E
R11735	192084	RES CMF 1/10W 5% 100K	NSM	E
R11736	206729	RES CMF 1/10W 5% 2.4K	NSM	E
R11737	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R11738	195937	RES CMF 1/10W 5% 10K	NSM	E
R11739	192095	RES CMF 1/10W 2% 56K	NSM	E
R11740	192100	RES CMF 1/10W 5% 1K	NSM	E
R11741	201144	RES CMF 1/10W 5% 1M	NSM	E
R11800	192100	RES CMF 1/10W 5% 1K	NSM	E
R11801	218508	RES CMF 1/10W 5% 100R	NSM	E
R11802	192100	RES CMF 1/10W 5% 1K	NSM	E
R11803	192100	RES CMF 1/10W 5% 1K	NSM	E
R11806	192100	RES CMF 1/10W 5% 1K	NSM	E
R11807	192100	RES CMF 1/10W 5% 1K	NSM	E
R11808	192100	RES CMF 1/10W 5% 1K	NSM	E
R11811	218508	RES CMF 1/10W 5% 100R	NSM	E
R11812	192100	RES CMF 1/10W 5% 1K	NSM	E
R11812	218508	RES CMF 1/10W 5% 100R	NSM	E
R11813	241774	RES CF 10W 5% 51R	NSM	E
R11814	205345	RES CMF 1/10W 2% 5.1K	NSM	E
R11815	205345	RES CMF 1/10W 2% 5.1K	NSM	E
R11816	192100	RES CMF 1/10W 5% 1K	NSM	E
R11900	195937	RES CMF 1/10W 5% 10K	NSM	E
R11901	197903	RES CMF 1/10W 2% 1.8K	NSM	E
R11902	195937	RES CMF 1/10W 5% 10K	NSM	E
R11905	218508	RES CMF 1/10W 5% 100R	NSM	E
R11906	210245	RES CF 1/4W 5% 100R	NSM	E
R11906	210230	RES CF 1/4W 5% 470R	NSM	E
R11907	210245	RES CF 1/4W 5% 100R	NSM	E
R11907	210230	RES CF 1/4W 5% 470R	NSM	E
R11908	218508	RES CMF 1/10W 5% 100R	NSM	E
R11909	175353	RES CMF 1/8W 5% 220K	NSM	E
R11910	175046	RES CF 1/4W 5% 30K	NSM	E
R11911	192100	RES CMF 1/10W 5% 1K	NSM	E
R11911	218508	RES CMF 1/10W 5% 100R	NSM	E
R11912	200197	RES CFFP 1/4W 5% 4.7R	NSM	A
R11913	200197	RES CFFP 1/4W 5% 4.7R	NSM	A
R11914	176806	RES MF 2W 5% 47R	NSM	A
R11915	195937	RES CMF 1/10W 5% 10K	NSM	E
R11916	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R11917	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R11920	197470	RESISTOR	NSM	E
R11922	197903	RES CMF 1/10W 2% 1.8K	NSM	E
R11923	205349	RES CMF 1/10W 2% 8.2K	NSM	E
R11924	205351	RES CMF 1/10W 2% 11K	NSM	E
R11925	192086	RES CMF 1/10W 5% 150R	NSM	E
R11926	192086	RES CMF 1/10W 5% 150R	NSM	E
R11927	195937	RES CMF 1/10W 5% 10K	NSM	E
R11928	194926	RESISTOR	NSM	E
R11929	194926	RESISTOR	NSM	E
R11929	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R11930	192084	RES CMF 1/10W 5% 100K	NSM	E

R11931	192084	RES CMF 1/10W 5% 100K	NSM	E
R11932	243968	RESISTOR	NSM	E
R11933	243968	RESISTOR	NSM	E
R11934	205341	RES CMF 1/10W 2% 2K	NSM	E
R11935	218508	RES CMF 1/10W 5% 100R	NSM	E
R11936	243969	RESISTOR	NSM	E
R11937	192084	RES CMF 1/10W 5% 100K	NSM	E
R11938	205341	RES CMF 1/10W 2% 2K	NSM	E
R11939	243969	RESISTOR	NSM	E
R11940	195937	RES CMF 1/10W 5% 10K	NSM	E
R11941	176653	RES MF 1W 5% 680R	NSM	E
R11941	242021	RES MFFP 1W 5% 1K	NSM	E
R11942	242021	RES MFFP 1W 5% 1K	NSM	E
R11943	205340	RES CMF 1/10W 2% 1.3K	NSM	E
R11943	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R11944	206318	RES CMF 1/10W 5% 3.9K	NSM	E
R11944	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R11945	192086	RES CMF 1/10W 5% 150R	NSM	E
R11945	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R11946	205340	RES CMF 1/10W 2% 1.3K	NSM	E
R11946	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R11947	206318	RES CMF 1/10W 5% 3.9K	NSM	E
R11948	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R11949	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R11950	243969	RESISTOR	NSM	E
R11951	243969	RESISTOR	NSM	E
R11952	192086	RES CMF 1/10W 5% 150R	NSM	E
R13101	205395	RES CMF 1/10W 5% 2.7M	NSM	E
R13102	197634	RES CMF 1/10W 5% 24K	NSM	E
R13103	195937	RES CMF 1/10W 5% 10K	NSM	E
R13104	195937	RES CMF 1/10W 5% 10K	NSM	E
R13105	194920	RES CMF 1/10W 2% 1.2K	NSM	E
R13107	192100	RES CMF 1/10W 5% 1K	NSM	E
R13108	192100	RES CMF 1/10W 5% 1K	NSM	E
R13109	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R13111	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R13112	192100	RES CMF 1/10W 5% 1K	NSM	E
R13113	200174	RESISTOR	NSM	E
R13114	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R13115	195937	RES CMF 1/10W 5% 10K	NSM	E
R13116	195937	RES CMF 1/10W 5% 10K	NSM	E
R13117	195937	RES CMF 1/10W 5% 10K	NSM	E
R13118	200174	RESISTOR	NSM	E
R13119	200174	RESISTOR	NSM	E
R13120	195937	RES CMF 1/10W 5% 10K	NSM	E
R13122	195937	RES CMF 1/10W 5% 10K	NSM	E
R13125	192089	RES CMF 1/10W 2% 220R	NSM	E
R13126	226489	RES CMF 1/10W 5% 30K	NSM	E
R13128	192084	RES CMF 1/10W 5% 100K	NSM	E
R13130	205351	RES CMF 1/10W 2% 11K	NSM	E
R13131	205308	RES CMF 1/10W 5% 10R	NSM	E
R13132	218508	RES CMF 1/10W 5% 100R	NSM	E

R13133	195937	RES CMF 1/10W 5% 10K	NSM	E
R13134	192100	RES CMF 1/10W 5% 1K	NSM	E
R13135	192100	RES CMF 1/10W 5% 1K	NSM	E
R13136	218508	RES CMF 1/10W 5% 100R	NSM	E
R13137	192084	RES CMF 1/10W 5% 100K	NSM	E
R13138	192089	RES CMF 1/10W 2% 220R	NSM	E
R13139	195937	RES CMF 1/10W 5% 10K	NSM	E
R13140	193344	RES CMF 1/10W 5% 33K	NSM	E
R13141	192089	RES CMF 1/10W 2% 220R	NSM	E
R13142	195937	RES CMF 1/10W 5% 10K	NSM	E
R13143	192084	RES CMF 1/10W 5% 100K	NSM	E
R13144	195937	RES CMF 1/10W 5% 10K	NSM	E
R13145	197629	RES CMF 1/10W 2% 75R	NSM	E
R13146	192084	RES CMF 1/10W 5% 100K	NSM	E
R13147	195937	RES CMF 1/10W 5% 10K	NSM	E
R13148	192100	RES CMF 1/10W 5% 1K	NSM	E
R13149	192100	RES CMF 1/10W 5% 1K	NSM	E
R13150	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R13151	192100	RES CMF 1/10W 5% 1K	NSM	E
R13152	192100	RES CMF 1/10W 5% 1K	NSM	E
R13153	192100	RES CMF 1/10W 5% 1K	NSM	E
R13154	195937	RES CMF 1/10W 5% 10K	NSM	E
R13155	195937	RES CMF 1/10W 5% 10K	NSM	E
R13156	195929	RESISTOR	NSM	E
R13157	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R13157	195937	RES CMF 1/10W 5% 10K	NSM	E
R13158	205385	RES CMF 1/10W 5% 680K	NSM	E
R13159	218508	RES CMF 1/10W 5% 100R	NSM	E
R13160	195937	RES CMF 1/10W 5% 10K	NSM	E
R13161	192100	RES CMF 1/10W 5% 1K	NSM	E
R13162	192084	RES CMF 1/10W 5% 100K	NSM	E
R13163	195937	RES CMF 1/10W 5% 10K	NSM	E
R13164	195937	RES CMF 1/10W 5% 10K	NSM	E
R13165	192100	RES CMF 1/10W 5% 1K	NSM	E
R13166	192100	RES CMF 1/10W 5% 1K	NSM	E
R13167	195937	RES CMF 1/10W 5% 10K	NSM	E
R13168	201144	RES CMF 1/10W 5% 1M	NSM	E
R13169	195937	RES CMF 1/10W 5% 10K	NSM	E
R13170	192100	RES CMF 1/10W 5% 1K	NSM	E
R13171	205308	RES CMF 1/10W 5% 10R	NSM	E
R13172	205552	RES CMF 1/10W 5% 62K	NSM	E
R13173	192084	RES CMF 1/10W 5% 100K	NSM	E
R13174	195937	RES CMF 1/10W 5% 10K	NSM	E
R13175	192084	RES CMF 1/10W 5% 100K	NSM	E
R13176	195937	RES CMF 1/10W 5% 10K	NSM	E
R13177	192100	RES CMF 1/10W 5% 1K	NSM	E
R13178	195929	RESISTOR	NSM	E
R13179	195937	RES CMF 1/10W 5% 10K	NSM	E
R13180	195937	RES CMF 1/10W 5% 10K	NSM	E
R13181	192100	RES CMF 1/10W 5% 1K	NSM	E
R13187	218508	RES CMF 1/10W 5% 100R	NSM	E
R13195	201144	RES CMF 1/10W 5% 1M	NSM	E

R13196	192100	RES CMF 1/10W 5% 1K	NSM	E
R13197	192100	RES CMF 1/10W 5% 1K	NSM	E
R13200	192084	RES CMF 1/10W 5% 100K	NSM	E
R13201	218508	RES CMF 1/10W 5% 100R	NSM	E
R13218	218508	RES CMF 1/10W 5% 100R	NSM	E
R13219	218508	RES CMF 1/10W 5% 100R	NSM	E
R13220	218508	RES CMF 1/10W 5% 100R	NSM	E
R13262	192098	RES CMF 1/10W 5% 47R	NSM	E
R13263	192098	RES CMF 1/10W 5% 47R	NSM	E
R13264	192098	RES CMF 1/10W 5% 47R	NSM	E
R13265	192098	RES CMF 1/10W 5% 47R	NSM	E
R13266	192098	RES CMF 1/10W 5% 47R	NSM	E
R13267	192098	RES CMF 1/10W 5% 47R	NSM	E
R13268	192098	RES CMF 1/10W 5% 47R	NSM	E
R13269	192098	RES CMF 1/10W 5% 47R	NSM	E
R13273	195939	RES CMF 1/10W 2% 680R	NSM	E
R13274	195939	RES CMF 1/10W 2% 680R	NSM	E
R13275	195939	RES CMF 1/10W 2% 680R	NSM	E
R13276	192084	RES CMF 1/10W 5% 100K	NSM	E
R13277	192084	RES CMF 1/10W 5% 100K	NSM	E
R13278	200174	RESISTOR	NSM	E
R13279	200174	RESISTOR	NSM	E
R13280	200174	RESISTOR	NSM	E
R13281	200174	RESISTOR	NSM	E
R13284	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R13285	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R13286	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R13287	202585	RES CMF 1/10W 2% 510R	NSM	E
R13288	192084	RES CMF 1/10W 5% 100K	NSM	E
R13290	192084	RES CMF 1/10W 5% 100K	NSM	E
R13291	192084	RES CMF 1/10W 5% 100K	NSM	E
R13301	205346	RES CMF 1/10W 5% 5.6K	NSM	E
R13302	205346	RES CMF 1/10W 5% 5.6K	NSM	E
R13314	195937	RES CMF 1/10W 5% 10K	NSM	E
R13316	195937	RES CMF 1/10W 5% 10K	NSM	E
R13317	205364	RES CMF 1/10W 2% 47K	NSM	E
R13318	195937	RES CMF 1/10W 5% 10K	NSM	E
R13319	197904	RES CMF 1/10W 2% 20K	NSM	E
R13329	195937	RES CMF 1/10W 5% 10K	NSM	E
R13372	218508	RES CMF 1/10W 5% 100R	NSM	E
R13401	210245	RES CF 1/4W 5% 100R	NSM	E
R13402	202069	RES CF 1/4W 5% 1K	NSM	E
R13403	210245	RES CF 1/4W 5% 100R	NSM	E
R14100	243804	RESISTOR	NSM	A
R14100	234388	RESISTOR	NSM	A
R14101	214099	RES, CONTROL	NSM	A
R14101	248991	RES CF 3.9 OHM +5% 1/4W	NSM	E
R14102	176366	RES CMF 1/8W 5% 2.2K	NSM	E
R14102	231515	RES WW 3W 5% 1.8R	NSM	A
R14103	243805	RESISTOR	NSM	E
R14104	249489	RESISTOR	NSM	A
R14104	210230	RES CF 1/4W 5% 470R	NSM	E

R14105	243807	RESISTOR	NSM	A
R14105	242885	RES MF 1/4W 1% 732R	NSM	E
R14106	243808	RESISTOR	NSM	A
R14106	175312	RES CF 1/4W 5% 680R	NSM	E
R14107	243809	RESISTOR	NSM	E
R14107	175413	RESISTOR	NSM	E
R14108	206275	RES CMF 1/8W 5% 220R	NSM	E
R14108	179234	RES CF 1/2W 5% 330K	NSM	E
R14109	196081	RES MF 1/4W 1% 26.7K	NSM	E
R14109	202069	RES CF 1/4W 5% 1K	NSM	E
R14110	243727	RES CF 1/4W 5% 15R	NSM	A
R14111	243810	RESISTOR	NSM	E
R14111	202069	RES CF 1/4W 5% 1K	NSM	A
R14112	242065	RESISTOR	NSM	A
R14112	243809	RESISTOR	NSM	E
R14113	198667	RES CFFP 1/4W 5% 100R	NSM	A
R14114	202069	RES CF 1/4W 5% 1K	NSM	E
R14114	242786	RESISTOR	NSM	E
R14115	175054	RES CF 1/4W 5% 22K	NSM	E
R14115	243805	RESISTOR	NSM	A
R14116	175040	RES CF 1/4W 5% 47R	NSM	A
R14116	245442	RESISTOR	NSM	E
R14117	238903	RES CF 1/2W 5% 240R	NSM	A
R14117	242800	RESISTOR	NSM	A
R14118	210231	RES CF 1/4W 5% 2.7K	NSM	E
R14118	175042	RES CF 1/4W 5% 2.2K	NSM	E
R14119	220568	RES CF 1/4W 5% 10R	NSM	E
R14119	176796	RES CF 1/2W 5% 100R	NSM	E
R14120	176638	RES CF 1/4W 5% 330K	NSM	E
R14120	241972	RES CFFP 1/4W 5% 470R	NSM	A
R14121	175314	RES CF 1/4W 5% 33K	NSM	E
R14121	231904	RES CMF 1/8W 5% 6.8K	NSM	E
R14122	175043	RES CF 1/4W 5% 820R	NSM	E
R14122	220568	RES CF 1/4W 5% 10R	NSM	A
R14123	175322	RES CF 1/4W 5% 47K	NSM	E
R14124	241862	RESISTOR	NSM	E
R14125	190525	RES CONTROL	NSM	E
R14126	179234	RES CF 1/2W 5% 330K	NSM	E
R14127	177535	RES CF 1/4W 5% 390R	NSM	E
R14128	190525	RES CONTROL	NSM	E
R14129	175307	RES CF 1/4W 5% 510R	NSM	E
R14130	227316	RES WW 3W 5% 180R	NSM	E
R14131	210231	RES CF 1/4W 5% 2.7K	NSM	E
R14131	174355	RES CMF 1/8W 5% 68K	NSM	E
R14132	174348	RES CMF 1/8W 5% 1K	NSM	E
R14133	174347	RES CMF 1/8W 5% 510R	NSM	E
R14134	175044	RES CF 1/4W 5% 100K	NSM	E
R14135	175044	RES CF 1/4W 5% 100K	NSM	E
R14135	174347	RES CMF 1/8W 5% 510R	NSM	E
R14136	175413	RESISTOR	NSM	E
R14136	243811	RES WW 5W 5% 6.2R	NSM	A
R14137	175317	RESISTOR	NSM	E

R14138	175042	RES CF 1/4W 5% 2.2K	NSM	E
R14138	175040	RES CF 1/4W 5% 47R	NSM	E
R14139	239181	RES WW 2W 5% .1R	NSM	E
R14139	202069	RES CF 1/4W 5% 1K	NSM	E
R14140	210245	RES CF 1/4W 5% 100R	NSM	E
R14141	202069	RES CF 1/4W 5% 1K	NSM	E
R14201	217662	RES CC 1/2W 20% 2.7M	NSM	A
R14202	238903	RES CF 1/2W 5% 240R	NSM	A
R14250	174368	RES CMF 1/8W 5% 30K	NSM	E
R14251	175418	RES CMF 1/8W 5% 5.1K	NSM	E
R14253	220568	RES CF 1/4W 5% 10R	NSM	E
R14300	206301	RES CMF 1/10W 5% 15K	NSM	E
R14301	181080	RES CMF 1/8W 5% 3.3K	NSM	E
R14302	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R14303	192086	RES CMF 1/10W 5% 150R	NSM	E
R14304	242009	RES CFFP 1/2W 5% 10R	NSM	E
R14305	243993	RESISTOR	NSM	A
R14306	195937	RES CMF 1/10W 5% 10K	NSM	E
R14307	195937	RES CMF 1/10W 5% 10K	NSM	E
R14308	243994	RESISTOR	NSM	E
R14309	202069	RES CF 1/4W 5% 1K	NSM	E
R14311	192070	RES CMF 1/10W 5% 22K	NSM	E
R14312	193344	RES CMF 1/10W 5% 33K	NSM	E
R14313	206301	RES CMF 1/10W 5% 15K	NSM	E
R14314	192100	RES CMF 1/10W 5% 1K	NSM	E
R14319	211857	RES CF 1/4W 5% 15R	NSM	E
R14350	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R14351	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R14353	205341	RES CMF 1/10W 2% 2K	NSM	E
R14354	205356	RES CMF 1/10W 2% 18K	NSM	E
R14355	220568	RES CF 1/4W 5% 10R	NSM	A
R14358	205308	RES CMF 1/10W 5% 10R	NSM	E
R14359	192100	RES CMF 1/10W 5% 1K	NSM	E
R14360	195937	RES CMF 1/10W 5% 10K	NSM	E
R14361	192089	RES CMF 1/10W 2% 220R	NSM	E
R14362	249481	RESISTOR	NSM	E
R14363	192100	RES CMF 1/10W 5% 1K	NSM	E
R14365	192100	RES CMF 1/10W 5% 1K	NSM	E
R14366	192100	RES CMF 1/10W 5% 1K	NSM	E
R14367	176631	RES CF 1/4W 5% 1.3K	NSM	E
R14368	192100	RES CMF 1/10W 5% 1K	NSM	E
R14369	194926	RES CMF 1/10W 5% 470R	NSM	E
R14369	205408	RES CMF 1/10W 0% 0R	NSM	E
R14370	200169	RES CMF 1/10W 5% 12K	NSM	E
R14370	218508	RES CMF 1/10W 5% 100R	NSM	E
R14376	176818	RES CMF 1/8W 5% 100R	NSM	E
R14380	192100	RES CMF 1/10W 5% 1K	NSM	E
R14451	223798	RES CONTROL	NSM	A
R14451	243996	RES CONTROL	NSM	A
R14451	243812	RES MF 5W 5% 3.3K	NSM	A
R14452	179284	RES MFFP 2W 5% 10R	NSM	A
R14452	242009	RES CFFP 1/2W 5% 10R	NSM	A

R14453	243967	RES CMF 1/2W 5% 1K	NSM	E
R14453	243997	RESISTOR	NSM	A
R14454	175363	RES CF 1/4W 5% 200R	NSM	E
R14456	243813	RESISTOR	NSM	A
R14457	243809	RESISTOR	NSM	A
R14459	176632	RES CF 1/2W 5% 2.2K	NSM	E
R14461	206380	RES CMF 1/8W 5% 4.7K	NSM	E
R14471	176367	RES CMF 1/8W 5% 47R	NSM	E
R14501	231904	RES CMF 1/8W 5% 6.8K	NSM	E
R14502	206261	RES CMF 1/8W 5% 10K	NSM	E
R14503	206275	RES CMF 1/8W 5% 220R	NSM	E
R14504	206275	RES CMF 1/8W 5% 220R	NSM	E
R14505	249514	RESISTOR	NSM	E
R14506	249514	RESISTOR	NSM	E
R14507	237441	RES MF 2W 5% 1.5R	NSM	A
R14508	200190	RESISTOR	NSM	A
R14510	193077	RES CF 1/2W 5% 330R	NSM	E
R14511	200190	RESISTOR	NSM	A
R14514	206380	RES CMF 1/8W 5% 4.7K	NSM	E
R14515	206261	RES CMF 1/8W 5% 10K	NSM	E
R14516	181496	RES CMF 1/8W 5% 6.2K	NSM	E
R14517	175324	RES CF 1/4W 2% 220R	NSM	E
R14518	174348	RES CMF 1/8W 5% 1K	NSM	E
R14520	245444	RES CFFP 1/2W 5% 1.5K	NSM	E
R14523	247997	RESISTOR	NSM	A
R14524	175781	RES MF 1W 5% 10R	NSM	A
R14525	220337	RES MF 1/4W 1% 18.2K	NSM	E
R14526	247998	RESISTOR	NSM	E
R14527	174354	RES CMF 1/8W 5% 33K	NSM	E
R14528	174348	RES CMF 1/8W 5% 1K	NSM	E
R14529	247999	RESISTOR	NSM	E
R14536	202069	RES CF 1/4W 5% 1K	NSM	E
R14537	176631	RES CF 1/4W 5% 1.3K	NSM	E
R14538	197476	RES CMF 1/10W 5% 1.6K	NSM	E
R14540	206381	RES CMF 1/8W 5% 100K	NSM	E
R14541	197640	RES CMF 1/10W 5% 150K	NSM	E
R14542	192100	RES CMF 1/10W 5% 1K	NSM	E
R14543	192089	RES CMF 1/10W 2% 220R	NSM	E
R14544	205340	RES CMF 1/10W 2% 1.3K	NSM	E
R14545	205340	RES CMF 1/10W 2% 1.3K	NSM	E
R14546	195939	RES CMF 1/10W 2% 680R	NSM	E
R14547	194926	RESISTOR	NSM	E
R14548	220568	RES CF 1/4W 5% 10R	NSM	A
R14549	195937	RES CMF 1/10W 5% 10K	NSM	E
R14550	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R14551	250915	RESISTOR	NSM	E
R14555	194920	RES CMF 1/10W 2% 1.2K	NSM	E
R14556	197471	RES CMF 1/10W 5% 68K	NSM	E
R14557	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R14558	194916	RES CMF 1/10W 2% 6.8K	NSM	E
R14559	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R14560	197476	RES CMF 1/10W 5% 1.6K	NSM	E

R14561	195937	RES CMF 1/10W 5% 10K	NSM	E
R14562	195937	RES CMF 1/10W 5% 10K	NSM	E
R14564	205308	RES CMF 1/10W 5% 10R	NSM	E
R14565	175758	RES CF 1/4W 5% 1.8K	NSM	E
R14567	175567	RES CF 1/4W 5% 360R	NSM	E
R14601	198667	RES CFFP 1/4W 5% 100R	NSM	A
R14602	237592	RES CF 1/4W 5% 680K	NSM	E
R14603	202069	RES CF 1/4W 5% 1K	NSM	A
R14604	241313	RESISTOR	NSM	A
R14605	242065	RESISTOR	NSM	A
R14606	215212	RES WW 3W 3R	NSM	A
R14607	175352	RES CF 1/4W 5% 3.3K	NSM	E
R14608	175413	RESISTOR	NSM	E
R14609	241259	RESISTOR	NSM	A
R14610	174367	RES CMF 1/8W 5% 22K	NSM	E
R14611	202069	RES CF 1/4W 5% 1K	NSM	E
R14612	239189	RES MF 1/4W 1% 768R	NSM	E
R14613	242885	RES MF 1/4W 1% 732R	NSM	E
R14614	175357	RES CF 1/4W 5% 22R	NSM	E
R14615	243813	RESISTOR	NSM	E
R14616	180369	RES CMF 1/8W 5% 2K	NSM	E
R14617	180325	RES CMF 1/8W 5% 20K	NSM	E
R14618	202069	RES CF 1/4W 5% 1K	NSM	E
R14620	181161	RES CMF 1/8W 0% 0R	NSM	E
R14621	206380	RES CMF 1/8W 5% 4.7K	NSM	E
R14622	174348	RES CMF 1/8W 5% 1K	NSM	E
R14623	206261	RES CMF 1/8W 5% 10K	NSM	E
R14624	206259	RES CMF 1/8W 5% 470R	NSM	E
R14625	175324	RES CF 1/4W 2% 220R	NSM	E
R14627	175045	RES CF 1/4W 5% 330R	NSM	E
R14629	242010	RESISTOR	NSM	E
R14630	175317	RESISTOR	NSM	E
R14631	192097	RES CMF 1/10W 5% 4.7K	NSM	E
R14632	196076	RES MF 3W 5% 47R	NSM	A
R14688	175321	RES CF 1/4W 5% 2K	NSM	E
R14689	241259	RESISTOR	NSM	E
R14690	181047	RES CMF 1/8W 5% 20R	NSM	E
R14691	176818	RES CMF 1/8W 5% 100R	NSM	E
R14692	218508	RES CMF 1/10W 5% 100R	NSM	E
R14693	218508	RES CMF 1/10W 5% 100R	NSM	E
R14697	175350	RESISTOR	NSM	E
R14698	175350	RESISTOR	NSM	E
R14699	243815	RESISTOR	NSM	A
R14700	238958	RES CC 1/2W 10% 27K	NSM	A
R14701	200183	RES WW 2W 5% .18R	NSM	A
R14702	238959	RES CC 1/2W 10% 100K	NSM	A
R14703	243811	RES WW 5W 5% 6.2R	NSM	A
R14704	180175	RES MF 2W 5% 1K	NSM	A
R14706	245446	RESISTOR	NSM	E
R14707	179961	RES CF 1/4W 5% 180K	NSM	E
R14708	175361	RES CF 1/4W 5% 120R	NSM	E
R14709	175040	RES CF 1/4W 5% 47R	NSM	E

R14710	193059	RES CONTROL	NSM	E
R14711	245447	RESISTOR	NSM	E
R14712	243816	RESISTOR	NSM	E
R14713	243816	RESISTOR	NSM	E
R14714	245448	RESISTOR	NSM	E
R14715	176645	RES CF 1/4W 5% 150R	NSM	E
R14716	175351	RES CF 1/4W 5% 20K	NSM	E
R14717	206261	RES CMF 1/8W 5% 10K	NSM	E
R14718	176366	RES CMF 1/8W 5% 2.2K	NSM	E
R14719	206261	RES CMF 1/8W 5% 10K	NSM	E
R14720	180369	RES CMF 1/8W 5% 2K	NSM	E
R14721	237659	RES CC 1/4W 10% 10R	NSM	A
R14722	180369	RES CMF 1/8W 5% 2K	NSM	E
R14723	206275	RES CMF 1/8W 5% 220R	NSM	E
R14724	174348	RES CMF 1/8W 5% 1K	NSM	E
R14725	250736	RESISTOR	NSM	E
R14726	181075	RES CMF 1/8W 5% 470K	NSM	E
R14727	175319	RES CF 1/4W 5% 3.6K	NSM	E
R14728	175367	RES CF 1/4W 5% 1.5K	NSM	E
R14729	175413	RESISTOR	NSM	E
R14730	201143	RES CMF 1/10W 5% 6.2K	NSM	E
R14731	243817	RESISTOR	NSM	E
R14732	195938	RES CMF 1/10W 2% 3.3K	NSM	E
R14733	181073	RES CMF 1/8W 5% 7.5K	NSM	E
R14734	181065	RES CMF 1/8W 5% 8.2K	NSM	E
R14735	227374	RES CC 1/2W 10% 10K	NSM	A
R14736	243818	RES HV METAL 1W 5% 1M	NSM	A
R14737	220568	RES CF 1/4W 5% 10R	NSM	E
R14738	174348	RES CMF 1/8W 5% 1K	NSM	A
R14739	243818	RES HV METAL 1W 5% 1M	NSM	A
R14740	206261	RES CMF 1/8W 5% 10K	NSM	E
R14741	193344	RES CMF 1/10W 5% 33K	NSM	E
R14742	181073	RES CMF 1/8W 5% 7.5K	NSM	E
R14743	174348	RES CMF 1/8W 5% 1K	NSM	E
R14744	200169	RES CMF 1/10W 5% 12K	NSM	E
R14745	245457	RESISTOR	NSM	E
R14746	174348	RES CMF 1/8W 5% 1K	NSM	E
R14747	243819	RESISTOR	NSM	A
R14748	175413	RESISTOR	NSM	E
R14749	175741	RESISTOR	NSM	E
R14750	206259	RES CMF 1/8W 5% 470R	NSM	E
R14751	175317	RESISTOR	NSM	E
R14752	243820	RESISTOR	NSM	E
R14753	176818	RES CMF 1/8W 5% 100R	NSM	E
R14754	174367	RES CMF 1/8W 5% 22K	NSM	E
R14755	243821	RESISTOR	NSM	E
R14756	202069	RES CF 1/4W 5% 1K	NSM	E
R14757	239181	RES WW 2W 5% .1R	NSM	A
R14758	234539	RESISTOR	NSM	A
R14759	176366	RES CMF 1/8W 5% 2.2K	NSM	E
R14760	174359	RES CMF 1/8W 5% 180K	NSM	E
R14761	176367	RES CMF 1/8W 5% 47R	NSM	E

R14762	243727	RES CF 1/4W 5% 15R	NSM	A
R14763	206381	RES CMF 1/8W 5% 100K	NSM	E
R14764	243727	RES CF 1/4W 5% 15R	NSM	A
R14765	241862	RESISTOR	NSM	E
R14766	176793	RES CF 1/2W 5% 470R	NSM	E
R14767	245487	PART OF HV SENSOR KIT	NSM	A
R14768	250737	RES CONTROL: DUAL FOC/SCREEN	NSM	A
R14769	174348	RES CMF 1/8W 5% 1K	NSM	E
R14770	206381	RES CMF 1/8W 5% 100K	NSM	E
R14773	190455	RES CMF 1/8W 5% 150K	NSM	E
R14774	243823	RESISTOR	NSM	A
R14776	245487	PART OF HV SENSOR KIT	NSM	E
R14777	245487	PART OF HV SENSOR KIT	NSM	E
R14778	181113	RES, CONTROL	NSM	A
R14779	175054	RES CF 1/4W 5% 22K	NSM	E
R14780	245487	PART OF HV SENSOR KIT	NSM	E
R14781	200177	RES CMF 1/10W 5% 270R	NSM	E
R14782	181496	RES CMF 1/8W 5% 6.2K	NSM	E
R14783	240939	RES CMF 1/8W 2% 5.1K	NSM	E
R14784	181496	RES CMF 1/8W 5% 6.2K	NSM	E
R14786	176366	RES CMF 1/8W 5% 2.2K	NSM	E
R14787	175308	RESISTOR	NSM	E
R14789	174367	RES CMF 1/8W 5% 22K	NSM	E
R14790	200494	RES CMF 1/8W 5% 47K	NSM	E
R14791	200494	RES CMF 1/8W 5% 47K	NSM	E
R14792	206261	RES CMF 1/8W 5% 10K	NSM	E
R14794	176818	RES CMF 1/8W 5% 100R	NSM	E
R14796	206261	RES CMF 1/8W 5% 10K	NSM	E
R14798	192100	RES CMF 1/10W 5% 1K	NSM	E
R14799	210244	RES CMF 1/8W 5% 5.6K	NSM	E
R14801	242195	RESISTOR	NSM	A
R14802	176649	RES CF 1/4W 5% 62K	NSM	E
R14803	247631	RES CFFP 1/4W 5% 1.8K	NSM	A
R14804	243727	RES CF 1/4W 5% 15R	NSM	A
R14805	210245	RES CF 1/4W 5% 100R	NSM	E
R14806	242008	RES CFFP 1/4W 5% 2.2R	NSM	E
R14807	198667	RES CFFP 1/4W 5% 100R	NSM	A
R14808	243824	RES WW 3W 5% .22R	NSM	A
R14809	229212	RESISTOR	NSM	A
R14811	192097	RES CMF 1/10W 5% 4.7K	NSM	E
R14812	181073	RES CMF 1/8W 5% 7.5K	NSM	E
R14814	180369	RES CMF 1/8W 5% 2K	NSM	E
R14815	243825	RESISTOR	NSM	E
R14816	174365	RES CMF 1/8W 5% 12K	NSM	E
R14817	178286	RES CMF 1/8W 2% 680R	NSM	E
R14818	241259	RESISTOR	NSM	E
R14819	178286	RES CMF 1/8W 2% 680R	NSM	E
R14821	175312	RES CF 1/4W 5% 680R	NSM	E
R14822	181073	RES CMF 1/8W 5% 7.5K	NSM	E
R14823	211637	RES CMF 1/10W 5% 13K	NSM	E
R14824	202069	RES CF 1/4W 5% 1K	NSM	E
R14825	206380	RES CMF 1/8W 5% 4.7K	NSM	E

R14827	192097	RES CMF 1/10W 5% 4.7K	NSM	E
R14830	190462	RESISTOR	NSM	E
R14833	192100	RES CMF 1/10W 5% 1K	NSM	E
R14835	175317	RESISTOR	NSM	E
R14836	174348	RES CMF 1/8W 5% 1K	NSM	E
R14842	195939	RES CMF 1/10W 2% 680R	NSM	E
R14844	192835	RES CMF 1/8W 2% 15K	NSM	E
R14845	210245	RES CF 1/4W 5% 100R	NSM	E
R14846	250738	RESISTOR	NSM	E
R14850	176818	RES CMF 1/8W 5% 100R	NSM	E
R14851	206261	RES CMF 1/8W 5% 10K	NSM	E
R14852	206261	RES CMF 1/8W 5% 10K	NSM	E
R14853	206261	RES CMF 1/8W 5% 10K	NSM	E
R14854	220568	RES CF 1/4W 5% 10R	NSM	E
R14855	220568	RES CF 1/4W 5% 10R	NSM	E
R14856	210244	RES CMF 1/8W 5% 5.6K	NSM	E
R14900	175367	RES CF 1/4W 2% 1.5K	NSM	E
R14901	N/S/P	RESISTOR	NSM	A
R14902	N/S/P	RESISTOR	NSM	A
R14903	241921	RES CFFP 1/4W 5% 22R	NSM	A
R14904	N/S/P	RESISTOR	NSM	E
R14905	207883	RES, CONTROL	NSM	A
R14906	174367	RES CMF 1/8W 5% 22K	NSM	A
R14907	181485	RES CMF 1/8W 5% 120R	NSM	E
R14908	206261	RES CMF 1/8W 5% 10K	NSM	E
R14909	176818	RES CMF 1/8W 5% 100R	NSM	E
R14910	179955	RES CF 1/4W 5% 39K	NSM	E
R14912	174348	RES CMF 1/8W 5% 1K	NSM	E
R14915	180369	RES CMF 1/8W 5% 2K	NSM	E
R15100	197622	RESISTOR	NSM	E
R15101	197468	RESISTOR	NSM	E
R15102	192100	RES CMF 1/10W 5% 1K	NSM	E
R15103	195937	RES CMF 1/10W 2% 10K	NSM	E
R15104	192100	RES CMF 1/10W 5% 1K	NSM	E
R15105	193344	RES CMF 1/10W 5% 33K	NSM	E
R15107	192100	RES CMF 1/10W 5% 1K	NSM	E
R15108	192100	RES CMF 1/10W 5% 1K	NSM	E
R15109	192100	RES CMF 1/10W 5% 1K	NSM	E
R15110	195937	RES CMF 1/10W 2% 10K	NSM	E
R15111	218508	RES CMF 1/10W 5% 100R	NSM	E
R15112	218508	RES CMF 1/10W 5% 100R	NSM	E
R15113	195929	RESISTOR	NSM	E
R15114	205338	RES CMF 1/10W 2% 560R	NSM	E
R15115	243987	RESISTOR	NSM	A
R15116	243988	RESISTOR	NSM	E
R15117	205308	RES CMF 1/10W 5% 10R	NSM	E
R15118	176818	RES CMF 1/8W 5% 100R	NSM	E
R15119	176818	RES CMF 1/8W 5% 100R	NSM	E
R15120	243989	RESISTOR	NSM	E
R15121	218508	RES CMF 1/10W 5% 100R	NSM	E
R15122	218508	RES CMF 1/10W 5% 100R	NSM	E
R15123	195929	RESISTOR	NSM	E

R15124	205338	RES CMF 1/10W 2% 560R	NSM	E
R15125	243987	RESISTOR	NSM	A
R15126	243988	RESISTOR	NSM	E
R15127	205308	RES CMF 1/10W 5% 10R	NSM	E
R15128	176818	RES CMF 1/8W 5% 100R	NSM	E
R15129	176818	RES CMF 1/8W 5% 100R	NSM	E
R15131	218508	RES CMF 1/10W 5% 100R	NSM	E
R15132	218508	RES CMF 1/10W 5% 100R	NSM	E
R15133	195929	RESISTOR	NSM	E
R15134	205338	RES CMF 1/10W 2% 560R	NSM	E
R15135	243987	RESISTOR	NSM	A
R15136	243988	RESISTOR	NSM	E
R15137	205308	RES CMF 1/10W 5% 10R	NSM	E
R15138	176818	RES CMF 1/8W 5% 100R	NSM	E
R15139	176818	RES CMF 1/8W 5% 100R	NSM	E
R15140	176818	RES CMF 1/8W 5% 100R	NSM	E
R15141	198667	RES CFFP 1/4W 5% 100R	NSM	A
R15142	244266	RESISTOR	NSM	E
R15143	197470	RESISTOR	NSM	E
R15144	197470	RESISTOR	NSM	E
R15145	195937	RES CMF 1/10W 5% 10K	NSM	E
R15146	205346	RES CMF 1/10W 5% 5.6K	NSM	E
R15150	176818	RES CMF 1/8W 5% 100R	NSM	E
R15151	198667	RES CFFP 1/4W 5% 100R	NSM	A
R15152	244266	RESISTOR	NSM	E
R15153	197470	RESISTOR	NSM	E
R15154	197470	RESISTOR	NSM	E
R15160	176818	RES CMF 1/8W 5% 100R	NSM	E
R15161	198667	RES CFFP 1/4W 5% 100R	NSM	A
R15162	244266	RESISTOR	NSM	E
R15163	197470	RESISTOR	NSM	E
R15164	197470	RESISTOR	NSM	E
R15169	218508	RES CMF 1/10W 5% 100R	NSM	E
R15170	189995	RES CMF 1/8W 2% 2K	NSM	E
R15171	197470	RESISTOR	NSM	E
R15172	175418	RES CMF 1/8W 5% 5.1K	NSM	E
R15173	197470	RESISTOR	NSM	E
R15174	197470	RESISTOR	NSM	E
R15175	206259	RES CMF 1/8W 5% 470R	NSM	E
R15176	176638	RES CF 1/4W 5% 330K	NSM	E
R15177	176638	RES CF 1/4W 5% 330K	NSM	E
R15178	175044	RES CF 1/4W 5% 100K	NSM	E
R15179	243991	RESISTOR	NSM	A
R15180	218508	RES CMF 1/10W 5% 100R	NSM	E
R15181	197905	RES CMF 1/10W 2% 2.7K	NSM	E
R15182	205338	RES CMF 1/10W 2% 560R	NSM	E
R15183	194902	CAPACITOR	NSM	E
R15184	202586	RES CMF 1/10W 2% 1.1K	NSM	E
R15185	197632	RES CMF 1/10W 2% 430R	NSM	E
R15186	194920	RES CMF 1/10W 2% 1.2K	NSM	E
R15187	197905	RES CMF 1/10W 2% 2.7K	NSM	E
R15188	197639	RES CMF 1/10W 5% 3.6K	NSM	E

R15189	218508	RES CMF 1/10W 5% 100R	NSM	E
R15190	201144	RES CMF 1/10W 5% 1M	NSM	E
R15191	205341	RES CMF 1/10W 2% 2K	NSM	E
R15192	176818	RES CMF 1/8W 5% 100R	NSM	E
R15193	197905	RES CMF 1/10W 2% 2.7K	NSM	E
R15194	205350	RES CMF 1/10W 2% 9.1K	NSM	E
R15195	205362	RES CMF 1/10W 2% 39K	NSM	E
R15196	195937	RES CMF 1/10W 5% 10K	NSM	E
R15197	192100	RES CMF 1/10W 5% 1K	NSM	E
R15198	218508	RES CMF 1/10W 5% 100R	NSM	E
R15199	192100	RES CMF 1/10W 5% 1K	NSM	E
R15203	181482	RESISTOR	NSM	E
R15204	176818	RES CMF 1/8W 5% 100R	NSM	E
R15205	192100	RES CMF 1/10W 5% 1K	NSM	E
R15206	206275	RES CMF 1/8W 5% 220R	NSM	E
R15207	205322	RESISTOR	NSM	E
R15208	205322	RESISTOR	NSM	E
R15209	202585	RES CMF 1/10W 2% 510R	NSM	E
R15210	197629	RES CMF 1/10W 2% 75R	NSM	E
R15211	194902	CAPACITOR	NSM	E
R15212	198667	RES CFFP 1/4W 5% 100R	NSM	E
R15213	181482	RESISTOR	NSM	E
R15214	206275	RES CMF 1/8W 5% 220R	NSM	E
R15215	195937	RES CMF 1/10W 2% 10K	NSM	E
R15216	197905	RES CMF 1/10W 2% 2.7K	NSM	E
R15217	198667	RES CFFP 1/4W 5% 100R	NSM	A
R15218	206275	RES CMF 1/8W 5% 220R	NSM	E
R15219	206275	RES CMF 1/8W 5% 220R	NSM	E
R15220	206275	RES CMF 1/8W 5% 220R	NSM	E
R15221	200187	RES CMF 1/10W 5% 110R	NSM	E
R15222	174340	RES CMF 1/8W 5% 22R	NSM	E
R15223	205337	RES CMF 1/10W 2% 360R	NSM	E
R15224	242655	RES CFFP 1/4W 5% 18R	NSM	A
R15225	174340	RES CMF 1/8W 5% 22R	NSM	E
R15226	206275	RES CMF 1/8W 5% 220R	NSM	E
R15227	175350	RESISTOR	NSM	E
R15228	205308	RES CMF 1/10W 5% 10R	NSM	E
R15230	178282	RES CF 1/4W 2% 270R	NSM	A
R15231	242631	RES CF 1/2W 2% 33K	NSM	E
R15232	242631	RES CF 1/2W 2% 33K	NSM	E
R15233	242194	RES CFFP 1/4W 5% 75R	NSM	A
R15234	227403	RESISTOR	NSM	A
R15235	181481	RES CMF 1/8W 2% 270R	NSM	E
R15236	245517	RES MFFP 1W 5% 75R	NSM	A
R15237	227403	RESISTOR	NSM	A
R15239	175310	RES MFFP 2W 5% 220R	NSM	A
R15240	237522	RES WW 2W 5% 430R	NSM	A
R15241	205350	RES CMF 1/10W 2% 9.1K	NSM	E
R16301	218508	RES CMF 1/10W 5% 100R	NSM	E
R16302	202585	RES CMF 1/10W 2% 510R	NSM	E
R16303	205337	RES CMF 1/10W 2% 360R	NSM	E
R16304	205337	RES CMF 1/10W 2% 360R	NSM	E

R16305	194926	RES CMF 1/10W 2% 470R	NSM	E
R16306	218508	RES CMF 1/10W 5% 100R	NSM	E
R16307	218508	RES CMF 1/10W 5% 100R	NSM	E
R16308	194926	RES CMF 1/10W 2% 470R	NSM	E
R16309	194926	RES CMF 1/10W 2% 470R	NSM	E
R16310	195929	RES CMF 1/10W 2% 330R	NSM	E
R16311	194926	RES CMF 1/10W 2% 470R	NSM	E
R16312	192100	RES CMF 1/10W 5% 1K	NSM	E
R16313	194926	RES CMF 1/10W 2% 470R	NSM	E
R16314	192084	RES CMF 1/10W 5% 100K	NSM	E
R16316	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R16317	192084	RES CMF 1/10W 5% 100K	NSM	E
R16318	192100	RES CMF 1/10W 5% 1K	NSM	E
R16319	218508	RES CMF 1/10W 5% 100R	NSM	E
R16320	205308	RES CMF 1/10W 5% 10R	NSM	E
R16321	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R16322	192089	RES CMF 1/10W 2% 220R	NSM	E
R16323	205308	RES CMF 1/10W 5% 10R	NSM	E
R16324	246465	RES CMF 1/10W 5% 220K	NSM	E
R16325	205364	RES CMF 1/10W 2% 47K	NSM	E
R16326	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R16327	192100	RES CMF 1/10W 5% 1K	NSM	E
R16328	194926	RES CMF 1/10W 2% 470R	NSM	E
R16329	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R16332	205338	RES CMF 1/10W 2% 560R	NSM	E
R16333	202069	RES CF 1/4W 5% 1K	NSM	E
R16334	202585	RES CMF 1/10W 2% 510R	NSM	E
R16336	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R16337	195929	RES CMF 1/10W 2% 330R	NSM	E
R16338	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R16339	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R16340	218508	RES CMF 1/10W 5% 100R	NSM	E
R16341	218508	RES CMF 1/10W 5% 100R	NSM	E
R16342	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R16343	194926	RES CMF 1/10W 2% 470R	NSM	E
R16344	205326	RES CMF 1/10W 2% 56R	NSM	E
R16345	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R16346	194926	RES CMF 1/10W 2% 470R	NSM	E
R16347	192099	RES CMF 1/10W 2% 100R	NSM	E
R16500	243972	RESISTOR	NSM	E
R16501	243972	RESISTOR	NSM	E
R16502	243972	RESISTOR	NSM	E
R16503	243972	RESISTOR	NSM	E
R16504	243972	RESISTOR	NSM	E
R16505	205244	RES CMF 1/10W 5% 82K	NSM	E
R16506	192084	RES CMF 1/10W 5% 100K	NSM	E
R16507	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R16508	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R16509	194917	RES CMF 1/10W 2% 3K	NSM	E
R16510	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R16511	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R16512	192077	RES CMF 1/10W 5% 3.3K	NSM	E

R16513	192084	RES CMF 1/10W 5% 100K	NSM	E
R16514	205244	RES CMF 1/10W 5% 82K	NSM	E
R16515	243972	RESISTOR	NSM	E
R16516	243972	RESISTOR	NSM	E
R16517	200174	RESISTOR	NSM	E
R16518	205244	RES CMF 1/10W 5% 82K	NSM	E
R16519	192084	RES CMF 1/10W 5% 100K	NSM	E
R16520	194917	RES CMF 1/10W 2% 3K	NSM	E
R16521	194917	RES CMF 1/10W 2% 3K	NSM	E
R16522	194917	RES CMF 1/10W 2% 3K	NSM	E
R16523	194917	RES CMF 1/10W 2% 3K	NSM	E
R16524	243972	RESISTOR	NSM	E
R16525	243972	RESISTOR	NSM	E
R16526	192084	RES CMF 1/10W 5% 100K	NSM	E
R16527	205244	RES CMF 1/10W 5% 82K	NSM	E
R16528	206259	RES CMF 1/8W 5% 470R	NSM	E
R16529	194902	CAPACITOR	NSM	E
R16530	189995	RES CMF 1/8W 2% 2K	NSM	E
R16531	189995	RES CMF 1/8W 2% 2K	NSM	E
R16532	194902	CAPACITOR	NSM	E
R16533	200174	RESISTOR	NSM	E
R16534	200174	RESISTOR	NSM	E
R16535	200174	RESISTOR	NSM	E
R16536	200174	RESISTOR	NSM	E
R16537	200174	RESISTOR	NSM	E
R16538	176818	RES CMF 1/8W 5% 100R	NSM	E
R16539	195938	RES CMF 1/10W 2% 3.3K	NSM	E
R16540	176818	RES CMF 1/8W 5% 100R	NSM	E
R16541	192099	RES CMF 1/10W 2% 100R	NSM	E
R16544	194926	RESISTOR	NSM	E
R16545	194926	RESISTOR	NSM	E
R16546	195938	RES CMF 1/10W 2% 3.3K	NSM	E
R16547	205344	RES CMF 1/10W 2% 4.3K	NSM	E
R16548	205344	RES CMF 1/10W 2% 4.3K	NSM	E
R16549	205344	RES CMF 1/10W 2% 4.3K	NSM	E
R16550	192100	RES CMF 1/10W 5% 1K	NSM	E
R16551	176818	RES CMF 1/8W 5% 100R	NSM	E
R16552	176818	RES CMF 1/8W 5% 100R	NSM	E
R16554	200174	RESISTOR	NSM	E
R16556	195938	RES CMF 1/10W 2% 3.3K	NSM	E
R16556	195937	RES CMF 1/10W 5% 10K	NSM	E
R16557	200174	RESISTOR	NSM	E
R16558	218508	RES CMF 1/10W 5% 100R	NSM	E
R16559	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R16560	176818	RES CMF 1/8W 5% 100R	NSM	E
R16566	192089	RES CMF 1/10W 2% 220R	NSM	E
R16566	202914	RES CMF 1/10W 2% 750R	NSM	E
R16567	205341	RES CMF 1/10W 2% 2K	NSM	E
R16573	200174	RESISTOR	NSM	E
R16574	200174	RESISTOR	NSM	E
R16575	200174	RESISTOR	NSM	E
R17101	192084	RES CMF 1/10W 5% 100K	NSM	E

R17106	192084	RES CMF 1/10W 5% 100K	NSM	E
R17107	205336	RES CMF 1/10W 5% 300R	NSM	E
R17108	195937	RES CMF 1/10W 5% 10K	NSM	E
R17109	195937	RES CMF 1/10W 5% 10K	NSM	E
R17110	192084	RES CMF 1/10W 5% 100K	NSM	E
R17111	195937	RES CMF 1/10W 5% 10K	NSM	E
R17112	178196	RES CMF 1/8W 5% 1.2K	NSM	E
R17113	197633	RESISTOR	NSM	E
R17114	197633	RESISTOR	NSM	E
R17115	192084	RES CMF 1/10W 5% 100K	NSM	E
R17119	192084	RES CMF 1/10W 5% 100K	NSM	E
R17122	192084	RES CMF 1/10W 5% 100K	NSM	E
R17123	215213	RESISTOR	NSM	E
R17124	195937	RES CMF 1/10W 5% 10K	NSM	E
R17125	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R17127	205308	RES CMF 1/10W 5% 10R	NSM	E
R17128	192084	RES CMF 1/10W 5% 100K	NSM	E
R17129	195937	RES CMF 1/10W 5% 10K	NSM	E
R17130	175322	RES CF 1/4W 5% 47K	NSM	E
R17132	205308	RES CMF 1/10W 5% 10R	NSM	E
R17136	192084	RES CMF 1/10W 5% 100K	NSM	E
R17138	206297	RES CMF 1/10W 5% 1.8K	NSM	E
R17141	218508	RES CMF 1/10W 5% 100R	NSM	E
R17142	176818	RES CMF 1/8W 5% 100R	NSM	E
R17145	195937	RES CMF 1/10W 5% 10K	NSM	E
R17147	205411	RES WW 3W 5% 4.7R	NSM	E
R17148	192084	RES CMF 1/10W 5% 100K	NSM	E
R17149	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R17150	192084	RES CMF 1/10W 5% 100K	NSM	E
R17151	195937	RES CMF 1/10W 5% 10K	NSM	E
R17301	175307	RES CF 1/4W 5% 510R	NSM	E
R17302	197633	RESISTOR	NSM	E
R17303	192098	RES CMF 1/10W 5% 47R	NSM	E
R17306	194926	RES CMF 1/10W 5% 470R	NSM	E
R17307	192100	RES CMF 1/10W 5% 1K	NSM	E
R17308	205314	RES CMF 1/10W 5% 18R	NSM	E
R17309	174354	RES CMF 1/8W 5% 33K	NSM	E
R17310	197633	RESISTOR	NSM	E
R17311	205312	RES CMF 1/10W 5% 15R	NSM	E
R17313	192082	RES CMF 1/10W 5% 1.5K	NSM	E
R17315	195937	RES CMF 1/10W 5% 10K	NSM	E
R17317	192104	RES CMF 1/10W 5% 390R	NSM	E
R17401	200169	RES CMF 1/10W 5% 12K	NSM	E
R17404	197633	RESISTOR	NSM	E
R17405	192100	RES CMF 1/10W 5% 1K	NSM	E
R17406	192100	RES CMF 1/10W 5% 1K	NSM	E
R17407	197633	RESISTOR	NSM	E
R17408	200169	RES CMF 1/10W 5% 12K	NSM	E
R17410	194926	RES CMF 1/10W 5% 470R	NSM	E
R17412	206381	RES CMF 1/8W 5% 100K	NSM	E
R17413	206380	RES CMF 1/8W 5% 4.7K	NSM	E
R17414	192091	RES CMF 1/10W 5% 2K	NSM	E

R17415	195937	RES CMF 1/10W 5% 10K	NSM	E
R17416	192084	RES CMF 1/10W 5% 100K	NSM	E
R17417	194926	RES CMF 1/10W 5% 470R	NSM	E
R18100	218508	RES CMF 1/10W 5% 100R	NSM	E
R18101	202585	RES CMF 1/10W 2% 510R	NSM	E
R18102	195929	RESISTOR	NSM	E
R18103	205338	RES CMF 1/10W 2% 560R	NSM	E
R18104	175043	RES CF 1/4W 5% 820R	NSM	E
R18105	194926	RESISTOR	NSM	E
R18106	197634	RES CMF 1/10W 5% 24K	NSM	E
R18108	205385	RES CMF 1/10W 5% 680K	NSM	E
R18109	201144	RES CMF 1/10W 5% 1M	NSM	E
R18110	194918	RES CMF 1/10W 2% 180R	NSM	E
R18111	192100	RES CMF 1/10W 5% 1K	NSM	E
R18112	192089	RES CMF 1/10W 2% 220R	NSM	E
R18113	218508	RES CMF 1/10W 5% 100R	NSM	E
R18114	205362	RES CMF 1/10W 2% 39K	NSM	E
R18115	194918	RES CMF 1/10W 2% 180R	NSM	E
R18116	192100	RES CMF 1/10W 5% 1K	NSM	E
R18117	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R18118	200174	RESISTOR	NSM	E
R18119	218508	RES CMF 1/10W 5% 100R	NSM	E
R18120	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R18121	194918	RES CMF 1/10W 2% 180R	NSM	E
R18122	192100	RES CMF 1/10W 5% 1K	NSM	E
R18123	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R18124	192100	RES CMF 1/10W 5% 1K	NSM	E
R18125	205337	RES CMF 1/10W 2% 360R	NSM	E
R18126	218508	RES CMF 1/10W 5% 100R	NSM	E
R18127	192100	RES CMF 1/10W 5% 1K	NSM	E
R18128	194918	RES CMF 1/10W 2% 180R	NSM	E
R18129	218508	RES CMF 1/10W 5% 100R	NSM	E
R18130	192100	RES CMF 1/10W 5% 1K	NSM	E
R18131	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R18132	192070	RES CMF 1/10W 5% 22K	NSM	E
R18133	205337	RES CMF 1/10W 2% 360R	NSM	E
R18134	218508	RES CMF 1/10W 5% 100R	NSM	E
R18135	192100	RES CMF 1/10W 5% 1K	NSM	E
R18136	205337	RES CMF 1/10W 2% 360R	NSM	E
R18137	218508	RES CMF 1/10W 5% 100R	NSM	E
R18138	192100	RES CMF 1/10W 5% 1K	NSM	E
R18140	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R18141	205340	RES CMF 1/10W 2% 1.3K	NSM	E
R18142	194926	RESISTOR	NSM	E
R18143	244903	RES CMF 1/10W 2% 2.2K	NSM	E
R18144	197905	RES CMF 1/10W 2% 2.7K	NSM	E
R18145	218508	RES CMF 1/10W 5% 100R	NSM	E
R18146	197905	RES CMF 1/10W 2% 2.7K	NSM	E
R18147	192100	RES CMF 1/10W 5% 1K	NSM	E
R18503	243973	RESISTOR	NSM	E
R18504	243973	RESISTOR	NSM	E
R18505	243973	RESISTOR	NSM	E

R18506	243973	RESISTOR	NSM	E
R18507	243973	RESISTOR	NSM	E
R18508	243973	RESISTOR	NSM	E
R18509	243973	RESISTOR	NSM	E
R18510	243973	RESISTOR	NSM	E
R18511	243973	RESISTOR	NSM	E
R22300	176367	RES CMF 1/8W 5% 47R	NSM	E
R22301	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R22302	205340	RES CMF 1/10W 2% 1.3K	NSM	E
R22303	192102	RESISTOR	NSM	E
R22304	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R22306	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R22307	192100	RES CMF 1/10W 5% 1K	NSM	E
R22308	192100	RES CMF 1/10W 5% 1K	NSM	E
R22309	226489	RES CMF 1/10W 5% 30K	NSM	E
R22310	197468	RESISTOR	NSM	E
R22311	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R22321	176818	RES CMF 1/8W 5% 100R	NSM	E
R22323	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R22324	197903	RES CMF 1/10W 2% 1.8K	NSM	E
R22328	206261	RES CMF 1/8W 5% 10K	NSM	E
R22329	181481	RES CMF 1/8W 2% 270R	NSM	E
R22330	197642	RES CMF 1/10W 5% 3K	NSM	E
R22331	197642	RES CMF 1/10W 5% 3K	NSM	E
R22332	197642	RES CMF 1/10W 5% 3K	NSM	E
R22333	192100	RES CMF 1/10W 5% 1K	NSM	E
R22336	194920	RES CMF 1/10W 2% 1.2K	NSM	E
R22337	205408	RES CMF 1/10W 0% 0R	NSM	E
R22338	218508	RES CMF 1/10W 5% 100R	NSM	E
R22339	193344	RES CMF 1/10W 5% 33K	NSM	E
R22341	176818	RES CMF 1/8W 5% 100R	NSM	E
R22342	245498	RESISTOR	NSM	E
R22344	248555	RES CMF 1/10W .5% 1.5K	NSM	E
R22345	248568	RES CMF 1/10W .5% 1K	NSM	E
R22346	176818	RES CMF 1/8W 5% 100R	NSM	E
R22355	175754	RES CF 1/4W 5% 33R	NSM	A
R22356	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R22357	195937	RES CMF 1/10W 5% 10K	NSM	E
R22358	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R22359	197905	RES CMF 1/10W 2% 2.7K	NSM	E
R22360	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R22361	197624	RES CMF 1/10W 2% 240R	NSM	E
R22362	241259	RESISTOR	NSM	A
R22363	194920	RES CMF 1/10W 2% 1.2K	NSM	E
R22364	205408	RES CMF 1/10W 0% 0R	NSM	E
R22365	176367	RES CMF 1/8W 5% 47R	NSM	E
R22366	176818	RES CMF 1/8W 5% 100R	NSM	E
R22367	181488	RES CMF 1/8W 2% 330R	NSM	E
R22368	194920	RES CMF 1/10W 2% 1.2K	NSM	E
R22369	205408	RES CMF 1/10W 0% 0R	NSM	E
R22370	176367	RES CMF 1/8W 5% 47R	NSM	E
R22371	176818	RES CMF 1/8W 5% 100R	NSM	E

R22372	181488	RES CMF 1/8W 2% 330R	NSM	E
R22373	194920	RES CMF 1/10W 2% 1.2K	NSM	E
R22374	205408	RES CMF 1/10W 0% 0R	NSM	E
R22375	176367	RES CMF 1/8W 5% 47R	NSM	E
R22376	176818	RES CMF 1/8W 5% 100R	NSM	E
R22377	181488	RES CMF 1/8W 2% 330R	NSM	E
R22401	195937	RES CMF 1/10W 5% 10K	NSM	E
R22402	195937	RES CMF 1/10W 5% 10K	NSM	E
R22403	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R22404	195937	RES CMF 1/10W 5% 10K	NSM	E
R22405	243972	RESISTOR	NSM	E
R22406	243973	RESISTOR	NSM	E
R22407	243969	RESISTOR	NSM	E
R22408	243973	RESISTOR	NSM	E
R22409	243972	RESISTOR	NSM	E
R22410	243973	RESISTOR	NSM	E
R22412	195938	RES CMF 1/10W 2% 3.3K	NSM	E
R22413	195937	RES CMF 1/10W 5% 10K	NSM	E
R22414	195937	RES CMF 1/10W 5% 10K	NSM	E
R22415	192100	RES CMF 1/10W 5% 1K	NSM	E
R22416	205362	RES CMF 1/10W 2% 39K	NSM	E
R22417	192100	RES CMF 1/10W 5% 1K	NSM	E
R22418	205362	RES CMF 1/10W 2% 39K	NSM	E
R22419	192100	RES CMF 1/10W 5% 1K	NSM	E
R22420	197470	RESISTOR	NSM	E
R22421	205341	RES CMF 1/10W 2% 2K	NSM	E
R22422	195937	RES CMF 1/10W 5% 10K	NSM	E
R22423	206259	RES CMF 1/8W 5% 470R	NSM	E
R22424	205341	RES CMF 1/10W 2% 2K	NSM	E
R22425	197470	RESISTOR	NSM	E
R22426	181063	RESISTOR	NSM	E
R22427	197629	RES CMF 1/10W 2% 75R	NSM	E
R22428	181063	RESISTOR	NSM	E
R22429	197629	RES CMF 1/10W 2% 75R	NSM	E
R22430	197629	RES CMF 1/10W 2% 75R	NSM	E
R22431	181063	RESISTOR	NSM	E
R22432	206259	RES CMF 1/8W 5% 470R	NSM	E
R22433	181063	RESISTOR	NSM	E
R22434	189995	RES CMF 1/8W 2% 2K	NSM	E
R22435	181056	RES CMF 1/8W 2% 750R	NSM	E
R22436	189995	RES CMF 1/8W 2% 2K	NSM	E
R22437	181056	RES CMF 1/8W 2% 750R	NSM	E
R22438	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R22439	189995	RES CMF 1/8W 2% 2K	NSM	E
R22440	190462	RESISTOR	NSM	E
R22441	189995	RES CMF 1/8W 2% 2K	NSM	E
R22442	190462	RESISTOR	NSM	E
R22443	195937	RES CMF 1/10W 5% 10K	NSM	E
R22444	189995	RES CMF 1/8W 2% 2K	NSM	E
R22445	190462	RESISTOR	NSM	E
R22446	189995	RES CMF 1/8W 2% 2K	NSM	E
R22447	190462	RESISTOR	NSM	E

R22448	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R22449	192089	RES CMF 1/10W 2% 220R	NSM	E
R22450	181063	RESISTOR	NSM	E
R22451	195937	RES CMF 1/10W 5% 10K	NSM	E
R22452	195937	RES CMF 1/10W 5% 10K	NSM	E
R22453	205337	RES CMF 1/10W 2% 360R	NSM	E
R22454	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R22455	205348	RES CMF 1/10W 2% 7.5K	NSM	E
R22456	194917	RES CMF 1/10W 2% 3K	NSM	E
R22457	195937	RES CMF 1/10W 5% 10K	NSM	E
R22458	195937	RES CMF 1/10W 5% 10K	NSM	E
R22459	195937	RES CMF 1/10W 5% 10K	NSM	E
R22460	192100	RES CMF 1/10W 5% 1K	NSM	E
R22461	250714	RESISTOR	NSM	E
R22462	243408	RESISTOR	NSM	E
R22463	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R22464	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R22465	218508	RES CMF 1/10W 5% 100R	NSM	E
R22466	218508	RES CMF 1/10W 5% 100R	NSM	E
R22467	195937	RES CMF 1/10W 5% 10K	NSM	E
R22468	195937	RES CMF 1/10W 5% 10K	NSM	E
R22469	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R22470	205308	RES CMF 1/10W 5% 10R	NSM	E
R24100	175324	RES CF 1/4W 2% 220R	NSM	E
R24102	195937	RES CMF 1/10W 5% 10K	NSM	E
R24103	195937	RES CMF 1/10W 5% 10K	NSM	E
R24104	197471	RES CMF 1/10W 5% 68K	NSM	E
R24105	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R24106	207835	RES CMF 1/10W 5% 180K	NSM	E
R24107	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R24109	206380	RES CMF 1/8W 5% 4.7K	NSM	E
R24111	206261	RES CMF 1/8W 5% 10K	NSM	E
R24112	192084	RES CMF 1/10W 5% 100K	NSM	E
R24113	218508	RES CMF 1/10W 5% 100R	NSM	E
R24114	195937	RES CMF 1/10W 5% 10K	NSM	E
R24115	192100	RES CMF 1/10W 5% 1K	NSM	E
R24117	192070	RES CMF 1/10W 5% 22K	NSM	E
R24118	205364	RES CMF 1/10W 2% 47K	NSM	E
R24119	192070	RES CMF 1/10W 5% 22K	NSM	E
R24300	241551	RES MF 1W 5% 470R	NSM	A
R24501	175314	RES CF 1/4W 5% 33K	NSM	E
R24502	248992	RESMF 7.87K +1% 1/4W	NSM	E
R24503	248993	RESISTOR	NSM	E
R24504	176647	RES CF 1/4W 2% 620R	NSM	E
R24505	240938	RESISTOR	NSM	E
R24507	175044	RES CF 1/4W 2% 100K	NSM	E
R24508	240938	RESISTOR	NSM	E
R24509	240938	RESISTOR	NSM	E
R24510	248994	RESISTOR	NSM	E
R24511	175042	RES CF 1/4W 5% 2.2K	NSM	E
R24512	242021	RES MFFP 1W 5% 1K	NSM	E
R24513	248993	RESISTOR	NSM	E

R24514	202069	RES CF 1/4W 5% 1K	NSM	E
R24515	176801	RES CF 1/4W 2% 56K	NSM	E
R24516	175306	RES CF 1/4W 5% 68K	NSM	E
R24518	240938	RESISTOR	NSM	E
R24519	175413	RESISTOR	NSM	E
R24800	218508	RES CMF 1/10W 5% 100R	NSM	E
R24801	218508	RES CMF 1/10W 5% 100R	NSM	E
R24802	192100	RES CMF 1/10W 5% 1K	NSM	E
R24803	192100	RES CMF 1/10W 5% 1K	NSM	E
R24804	205387	RES CMF 1/10W 5% 820K	NSM	E
R24805	192100	RES CMF 1/10W 5% 1K	NSM	E
R24806	192084	RES CMF 1/10W 5% 100K	NSM	E
R24807	192100	RES CMF 1/10W 5% 1K	NSM	E
R24809	192100	RES CMF 1/10W 5% 1K	NSM	E
R24810	192100	RES CMF 1/10W 5% 1K	NSM	E
R24811	243995	RESISTOR	NSM	E
R24812	223786	RES CMF 1/10W 1% 3.32K	NSM	E
R24813	220568	RES CF 1/4W 5% 10R	NSM	A
R24814	175324	RES CF 1/4W 2% 220R	NSM	E
R24815	231428	RESISTOR	NSM	E
R26101	243992	RES CMF 1/2W 5% 10K	NSM	E
R26102	192084	RES CMF 1/10W 5% 100K	NSM	E
R26103	243992	RES CMF 1/2W 5% 10K	NSM	E
R26104	192084	RES CMF 1/10W 5% 100K	NSM	E
R26105	243973	RES CMF 1/2W 5% 68R	NSM	E
R26106	243972	RES CMF 1/2W 2% 75R	NSM	E
R26108	195937	RES CMF 1/10W 5% 10K	NSM	E
R26109	205349	RES CMF 1/10W 2% 8.2K	NSM	E
R26110	200174	RES CMF 1/10W 5% 200K	NSM	E
R26111	206275	RES CMF 1/8W 5% 220R	NSM	E
R26112	243968	RES CMF 1/2W 5% 82R	NSM	E
R26113	243968	RES CMF 1/2W 5% 82R	NSM	E
R26114	195937	RES CMF 1/10W 5% 10K	NSM	E
R26115	195937	RES CMF 1/10W 5% 10K	NSM	E
R26116	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R26117	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R26118	195937	RES CMF 1/10W 5% 10K	NSM	E
R26119	195937	RES CMF 1/10W 5% 10K	NSM	E
R26120	218508	RES CMF 1/10W 5% 100R	NSM	E
R26121	218508	RES CMF 1/10W 5% 100R	NSM	E
R26122	218508	RES CMF 1/10W 5% 100R	NSM	E
R26123	218508	RES CMF 1/10W 5% 100R	NSM	E
R26124	195937	RES CMF 1/10W 5% 10K	NSM	E
R26125	195937	RES CMF 1/10W 5% 10K	NSM	E
R26126	220568	RES CF 1/4W 5% 10R	NSM	A
R26127	192084	RES CMF 1/10W 5% 100K	NSM	E
R26128	192084	RES CMF 1/10W 5% 100K	NSM	E
R26130	195937	RES CMF 1/10W 5% 10K	NSM	E
R26131	195937	RES CMF 1/10W 5% 10K	NSM	E
R26132	194917	RES CMF 1/10W 2% 3K	NSM	E
R26133	192099	RES CMF 1/10W 2% 100R	NSM	E
R27904	176650	RES CF 1/4W 5% 120K	NSM	E

R27905	218508	RES CMF 1/10W 5% 100R	NSM	E
R27906	192084	RES CMF 1/10W 5% 100K	NSM	E
R27907	195937	RES CMF 1/10W 2% 10K	NSM	E
R27908	197904	RES CMF 1/10W 2% 20K	NSM	E
R27909	205552	RES CMF 1/10W 5% 62K	NSM	E
R27910	197633	RESISTOR	NSM	E
R27911	205552	RES CMF 1/10W 5% 62K	NSM	E
R27912	174348	RES CMF 1/8W 5% 1K	NSM	E
R27913	175317	RESISTOR	NSM	E
R27914	192100	RES CMF 1/10W 5% 1K	NSM	E
R27915	218508	RES CMF 1/10W 5% 100R	NSM	E
R27916	218508	RES CMF 1/10W 5% 100R	NSM	E
R27917	202069	RES CF 1/4W 5% 1K	NSM	E
R27918	195929	RESISTOR	NSM	E
R27919	215200	RESISTOR	NSM	E
R27920	214143	RES CMF 1/10W 1% 1K	NSM	E
R27921	206729	RES CMF 1/10W 5% 2.4K	NSM	E
R27922	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R27923	214143	RES CMF 1/10W 1% 1K	NSM	E
R27924	223788	RES CMF 1/10W 1% 2K	NSM	E
R27925	236639	RES CMF 1/10W 1% 1.4K	NSM	E
R27926	192082	RES CMF 1/10W 5% 1.5K	NSM	E
R27927	202917	RES CMF 1/10W 5% 1.5M	NSM	E
R27928	197645	RES CMF 1/10W 5% 5.1K	NSM	E
R27929	197645	RES CMF 1/10W 5% 5.1K	NSM	E
R27930	181061	RESISTOR	NSM	E
R27931	192100	RES CMF 1/10W 5% 1K	NSM	E
R27932	192100	RES CMF 1/10W 5% 1K	NSM	E
R27933	218508	RES CMF 1/10W 5% 100R	NSM	E
R27934	218508	RES CMF 1/10W 5% 100R	NSM	E
R27935	176818	RES CMF 1/8W 5% 100R	NSM	E
R27936	218508	RES CMF 1/10W 5% 100R	NSM	E
R27937	206729	RES CMF 1/10W 5% 2.4K	NSM	E
R27938	205349	RES CMF 1/10W 2% 8.2K	NSM	E
R27939	192100	RES CMF 1/10W 5% 1K	NSM	E
R27940	195937	RES CMF 1/10W 5% 10K	NSM	E
R27941	206729	RES CMF 1/10W 5% 2.4K	NSM	E
R27942	220568	RES CF 1/4W 5% 10R	NSM	E
R27943	237540	RES CF 1/2W 5% 8.2R	NSM	A
R27944	237541	RES WW 2W 5% 51R	NSM	A
R27945	174348	RES CMF 1/8W 5% 1K	NSM	E
R27946	192100	RES CMF 1/10W 5% 1K	NSM	E
R27947	192100	RES CMF 1/10W 5% 1K	NSM	E
R27948	197637	RES CMF 1/10W 5% 680R	NSM	E
R27949	217314	RESISTOR	NSM	E
R27950	218508	RES CMF 1/10W 5% 100R	NSM	E
R27951	218508	RES CMF 1/10W 5% 100R	NSM	E
R27952	218508	RES CMF 1/10W 5% 100R	NSM	E
R27953	218508	RES CMF 1/10W 5% 100R	NSM	E
R32110	176366	RES CMF 1/8W 5% 2.2K	NSM	E
R32111	206301	RES CMF 1/10W 5% 15K	NSM	E
R32112	207835	RES CMF 1/10W 5% 180K	NSM	E

R32113	205375	RES CMF 1/10W 2% 270K	NSM	E
R32114	192071	RES CMF 1/10W 5% 560K	NSM	E
R32115	201144	RES CMF 1/10W 5% 1M	NSM	E
R38300	205348	RES CMF 1/10W 2% 7.5K	NSM	E
R38301	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R38302	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R38303	218508	RES CMF 1/10W 5% 100R	NSM	E
R38304	218508	RES CMF 1/10W 5% 100R	NSM	E
R38305	206301	RES CMF 1/10W 5% 15K	NSM	E
R38307	218508	RES CMF 1/10W 5% 100R	NSM	E
R38308	218508	RES CMF 1/10W 5% 100R	NSM	E
R38309	192084	RES CMF 1/10W 5% 100K	NSM	E
R38310	197903	RES CMF 1/10W 2% 1.8K	NSM	E
R38311	192102	RESISTOR	NSM	E
R38312	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R38313	195937	RES CMF 1/10W 5% 10K	NSM	E
R38314	206301	RES CMF 1/10W 5% 15K	NSM	E
R38315	195938	RES CMF 1/10W 2% 3.3K	NSM	E
R38316	205345	RES CMF 1/10W 2% 5.1K	NSM	E
R38317	195938	RES CMF 1/10W 2% 3.3K	NSM	E
R38326	195937	RES CMF 1/10W 5% 10K	NSM	E
R38327	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R38328	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R38329	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R38330	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R38331	195937	RES CMF 1/10W 5% 10K	NSM	E
R38332	197907	RES CMF 1/10W 2% 3.9K	NSM	E
R38333	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R38334	197905	RES CMF 1/10W 2% 2.7K	NSM	E
R38335	192102	RESISTOR	NSM	E
R38336	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R38338	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R38339	192070	RES CMF 1/10W 5% 22K	NSM	E
R38340	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R38341	195938	RES CMF 1/10W 2% 3.3K	NSM	E
R38342	218508	RES CMF 1/10W 5% 100R	NSM	E
R38343	192100	RES CMF 1/10W 5% 1K	NSM	E
R38344	195937	RES CMF 1/10W 5% 10K	NSM	E
R38345	176818	RES CMF 1/8W 5% 100R	NSM	E
R38346	195937	RES CMF 1/10W 5% 10K	NSM	E
R38349	218508	RES CMF 1/10W 5% 100R	NSM	E
R38359	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R38360	197903	RES CMF 1/10W 2% 1.8K	NSM	E
R38361	205364	RES CMF 1/10W 2% 47K	NSM	E
R38362	205364	RES CMF 1/10W 2% 47K	NSM	E
R38367	226489	RES CMF 1/10W 5% 30K	NSM	E
R38368	195937	RES CMF 1/10W 5% 10K	NSM	E
R38370	218508	RES CMF 1/10W 5% 100R	NSM	E
R38371	218508	RES CMF 1/10W 5% 100R	NSM	E
R38372	218508	RES CMF 1/10W 5% 100R	NSM	E
R41127	248036	RESISTOR	NSM	E
R41128	195937	RES CMF 1/10W 5% 10K	NSM	E

R41129	248035	RES CMF 1/10W 1% 3.01K	NSM	E
R41130	215217	RES CMF 1/10W 1% 10K	NSM	E
R41131	197642	RES CMF 1/10W 5% 3K	NSM	E
R41132	192100	RES CMF 1/10W 5% 1K	NSM	E
R41133	195937	RES CMF 1/10W 5% 10K	NSM	E
R41134	248036	RESISTOR	NSM	E
R41275	242795	RESISTOR	NSM	A
R41276	242795	RESISTOR	NSM	A
R41277	200169	RES CMF 1/10W 5% 12K	NSM	E
R41278	197904	RES CMF 1/10W 2% 20K	NSM	E
R41279	205353	RES CMF 1/10W 2% 13K	NSM	E
R41280	205356	RES CMF 1/10W 2% 18K	NSM	E
R41281	194920	RES CMF 1/10W 2% 1.2K	NSM	E
R41282	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R41283	202069	RES CF 1/4W 5% 1K	NSM	E
R41284	211857	RES CF 1/4W 5% 15R	NSM	A
R41285	241259	RESISTOR	NSM	A
R41286	211857	RES CF 1/4W 5% 15R	NSM	A
R41287	200169	RES CMF 1/10W 5% 12K	NSM	E
R41288	205351	RES CMF 1/10W 2% 11K	NSM	E
REMOTE	244876	TRANSMITTER, REMOTE: CRK76TCL3	PS38000JX1(CB)	E
REMOTE	244876	TRANSMITTER, REMOTE: CRK76TCL3	PS38000JX2(GC)	E
REMOTE	244876	TRANSMITTER, REMOTE: CRK76TCL3	PS34000JX2(GC)	E
REMOTE	244877	TRANSMITTER, REMOTE: CRK76TD3	F38310JX2(GC)	E
REMOTE	244876	TRANSMITTER, REMOTE: CRK76TCL3	PS34000JX1(CB)	E
REMOTE	244877	TRANSMITTER, REMOTE: CRK76TD3	F38310JX1(CB)	E
REMOTE	244877	TRANSMITTER, REMOTE: CRK76TD3	F38310JX4(GC)	E
REMOTE	244877	TRANSMITTER, REMOTE: CRK76TD3	F38310JX3(CB)	E
REMOTE	244877	TRANSMITTER, REMOTE: CRK76TD3	F38310JX5(GCC)	E
REMOTE	244876	TRANSMITTER, REMOTE: CRK76TCL3	PS38000JX3(CB)	E
REMOTE	244876	TRANSMITTER, REMOTE: CRK76TCL3	PS38000JX4(GC)	E
RN16301	243669	RESISTOR NETWORK	NSM	E
RN16302	243669	RESISTOR NETWORK	NSM	E
RN16303	243669	RESISTOR	NSM	E
RN16304	243669	RESISTOR NETWORK	NSM	E
RT14100	242888	THERMISTOR	NSM	A
RT14250	207768	THERMISTOR	NSM	A
RT14501	243814	POSISTOR	NSM	A
RT14502	243814	POSISTOR	NSM	A
RT14602	232241	THERMISTOR	NSM	A
SCREW	205509	SCREW, #10-16 X .5 HL	NSM	E
SCREW	233963	SCREW, 4-24 X .312	NSM	E
SCREW	243882	SCREW 8-18 HWH, .375LG	NSM	N
SF27901	217318	FILTER,SURFACE ACOUSTICAL WAVE	NSM	E
SHIELD	237649	SHIELD, TUNER I-BAR	NSM	N
SHIELD	237650	SHIELD, CAN	NSM	N
SHIELD	249483	SHIELD, WRAP	NSM	N
SOCKET	243935	SOCKET, IC: 8-PIN	NSM	E
SPEAKER	225641	SPEAKER, 2.25 X 5 IN 8 OHM	PS38000JX2(GC)	E
SPEAKER	225641	SPEAKER, 2.25 X 5 IN 8 OHM	PS34000JX2(GC)	E
SPEAKER	225641	SPEAKER, 2.25 X 5 IN 8 OHM	PS34000JX1(CB)	E
SPEAKER	225641	SPEAKER, 2.25 X 5 IN 8 OHM	F38310JX1(CB)	E

SPEAKER	225641	SPEAKER, 2.25 X 5 IN 8 OHM	F38310JX2(GC)	E
SPEAKER	225641	SPEAKER, 2.25 X 5 IN 8 OHM	PS38000JX1(CB)	E
SPEAKER	225641	SPEAKER, 2.25 X 5 IN 8 OHM	F38310JX3(CB)	E
SPEAKER	225641	SPEAKER, 2.25 X 5 IN 8 OHM	F38310JX4(GC)	E
SPEAKER	225641	SPEAKER, 2.25 X 5 IN 8 OHM	F38310JX5(GCC)	E
SPEAKER	225641	SPEAKER, 2.25 X 5 IN 8 OHM	PS38000JX3(CB)	E
SPEAKER	225641	SPEAKER, 2.25 X 5 IN 8 OHM	PS38000JX4(GC)	E
SPRING	233122	SPRING	NSM	E
SUPPORT	245519	SUPPORT, KINE SOCKET	NSM	E
SW11900	211982	SWITCH, SPEAKER	NSM	E
SW13410	240098	SWITCH, W/GREEN LED	NSM	E
SW13411	245531	SWITCH	NSM	E
SW13420	245531	SWITCH	NSM	E
SW13421	245531	SWITCH	NSM	E
SW13430	245531	SWITCH	NSM	E
SW13431	245531	SWITCH	NSM	E
SW13440	245531	SWITCH	NSM	E
SW13441	245531	SWITCH	NSM	E
SW14401	211982	SWITCH, SPEAKER	NSM	A
SW24300	243963	SWITCH SLIDE	NSM	E
SW24301	245491	SWITCH SLIDE	NSM	E
T14100	249012	TRANSFORMER SMT MAIN	NSM	A
T14100	249785	TRANSFORMER	NSM	A
T14101	243856	TRANSFORMER	NSM	A
T14300	243858	TRANSFORMER	NSM	A
T14451	243859	TRANSFORMER	NSM	A
T14600	243860	TRANSFORMER	NSM	A
T14700	250789	TRANSFORMER, IHVT	NSM	A
T14751	250791	TRANSFORMER	NSM	A
T14800	248012	TRANSFORMER	NSM	A
T24300	248022	TRANSFORMER DEFLECTION	NSM	A
T24301	257041	TRANSFORMER	NSM	A
T41200	243914	TRANSFORMER	NSM	A
TRAY	245523	TRAY, CHASSIS MTG	NSM	A
U11301	237474	IC	NSM	E
U11400	243898	IC	NSM	E
U11401	243898	IC	NSM	E
U11402	243511	IC	NSM	E
U11403	243511	IC	NSM	E
U11404	237474	IC	NSM	E
U11500	237474	IC	NSM	E
U11700	243511	IC	NSM	E
U11701	243511	IC	NSM	E
U11702	249531	IC	NSM	E
U11800	227344	IC	NSM	E
U11900	227342	IC	NSM	E
U11901	248539	IC	NSM	E
U11902	248539	IC	NSM	E
U13101	253253	IC, MICROPROCESSOR	NSM	E
U13102	250713	IC, EEPROM	NSM	E
U13103	243901	IC	NSM	E
U13203	248039	IC	NSM	E

U14100	223653	IC, OPTO ISOLATOR	NSM	A
U14101	223653	IC, OPTO ISOLATOR	NSM	A
U14101	231525	IC REGULATOR	NSM	E
U14102	231525	IC REGULATOR	NSM	E
U14102	223653	IC, OPTO ISOLATOR	NSM	A
U14103	223830	IC	NSM	E
U14104	248999	IC PQ30RV31	NSM	E
U14104	243626	IC	NSM	E
U14105	243626	IC	NSM	E
U14301	243849	IC	NSM	E
U14350	243956	IC	NSM	E
U14351	243957	IC	NSM	E
U14352	243958	IC	NSM	E
U14354	250721	IC, EEPROM	NSM	E
U14355	242892	IC, +8V REGULATOR	NSM	E
U14356	236657	IC	NSM	E
U14501	248007	IC	NSM	E
U14601	223653	IC, OPTO ISOLATOR	NSM	A
U14603	231525	IC REGULATOR	NSM	E
U14701	248008	IC	NSM	E
U14702	223653	IC, OPTO ISOLATOR	NSM	A
U14711	243850	IC	NSM	E
U14732	220195	IC	NSM	E
U14750	231525	IC REGULATOR	NSM	A
U14751	227963	IC	NSM	E
U14775	243852	IC	NSM	A
U15101	249239	IC	NSM	E
U15102	249239	IC	NSM	E
U15103	249239	IC	NSM	E
U16301	248541	IC	NSM	E
U16302	248542	IC	NSM	E
U16500	235447	IC	NSM	E
U16501	235447	IC	NSM	E
U16502	243907	IC	NSM	E
U17301	231528	IC, MIXER/OSCILLATOR	NSM	E
U17401	231529	IC, TUNER PLL	NSM	E
U18100	248620	IC	NSM	E
U18101	243908	IC	NSM	E
U22300	243909	IC	NSM	E
U22301	249130	IC	NSM	E
U22303	214704	IC, 12V REGULATOR	NSM	E
U22401	248040	IC	NSM	E
U22402	249531	IC	NSM	E
U22403	249531	IC	NSM	E
U22404	243907	IC	NSM	E
U22405	243907	IC	NSM	E
U22406	243907	IC	NSM	E
U22407	248041	IC	NSM	E
U24501	223682	IC	NSM	E
U24502	232237	IC	NSM	E
U24800	204290	IC	NSM	E
U24801	231525	IC REGULATOR	NSM	E

U26101	243511	IC	NSM	E
U27901	236645	IC	NSM	E
U27902	204290	IC	NSM	E
U27903	245528	IC, EEPROM	NSM	E
U27904	227341	IC	NSM	E
U27905	236646	IC	NSM	E
U38300	242840	IC	NSM	E
U38301	248039	IC	NSM	E
U38303	243911	IC	NSM	E
U38304	248039	IC	NSM	E
U38305	236657	IC	NSM	E
U38306	248042	IC	NSM	E
U41275	232711	IC	NSM	E
L18103	243675	COIL, 10UH	NSM	E
L18104	243499	COIL, 12UH	NSM	E
L18105	243892	COIL	NSM	E
L18106	243576	COIL, 8.2UH	NSM	E
L18107	243894	COIL	NSM	E
L18108	238094	COIL 15UH	NSM	E
L18110	195713	COIL, 47UH	NSM	A
L18111	195713	COIL, 47UH	NSM	A
L18112	195713	COIL, 47UH	NSM	A
L22300	243895	BEAD	NSM	E
L22301	205408	RES CMF 1/10W 0% 0R	NSM	E
L22302	205408	RES CMF 1/10W 0% 0R	NSM	E
L22303	205408	RES CMF 1/10W 0% 0R	NSM	E
L22305	205408	RES CMF 1/10W 0% 0R	NSM	E
L22307	195713	COIL, 47UH	NSM	E
L22306	243895	BEAD	NSM	E
L38300	195713	COIL, 47UH	NSM	E
Q11300	215496	TRANSISTOR	NSM	E
Q11301	215495	TRANSISTOR	NSM	E
Q11302	215495	TRANSISTOR	NSM	E
Q11303	215495	TRANSISTOR	NSM	E
Q11306	215495	TRANSISTOR	NSM	E
Q11307	215495	TRANSISTOR	NSM	E
Q11308	215496	TRANSISTOR	NSM	E
Q11401	215495	TRANSISTOR	NSM	E
Q11402	215495	TRANSISTOR	NSM	E
Q11403	215495	TRANSISTOR	NSM	E
Q11701	215495	TRANSISTOR	NSM	E
Q11702	215495	TRANSISTOR	NSM	E
Q18105	215495	TRANSISTOR	NSM	E
Q18106	215495	TRANSISTOR	NSM	E
Q18107	215496	TRANSISTOR	NSM	E
Q18108	215495	TRANSISTOR	NSM	E
Q18109	215495	TRANSISTOR	NSM	E
Q18110	215495	TRANSISTOR	NSM	E
Q18111	215495	TRANSISTOR	NSM	E
Q18112	223657	TRANSISTOR	NSM	E
R41279	205353	RES CMF 1/10W 2% 13K	NSM	E
Q22301	215496	TRANSISTOR	NSM	E

Q22302	215495	TRANSISTOR	NSM	E
Q22303	215495	TRANSISTOR	NSM	E
Q22304	215496	TRANSISTOR	NSM	E
Q22306	215495	TRANSISTOR	NSM	E
Q22307	215496	TRANSISTOR	NSM	E
Q22308	215496	TRANSISTOR	NSM	E
Q22309	215495	TRANSISTOR	NSM	E
Q22311	215496	TRANSISTOR	NSM	E
Q22312	215495	TRANSISTOR	NSM	E
Q22315	215496	TRANSISTOR	NSM	E
Q22316	215495	TRANSISTOR	NSM	E
Q22317	215496	TRANSISTOR	NSM	E
Q22318	215495	TRANSISTOR	NSM	E
Q22319	215495	TRANSISTOR	NSM	E
Q22320	215495	TRANSISTOR	NSM	E
Q22402	215495	TRANSISTOR	NSM	E
Q22403	214644	TRANSISTOR	NSM	E
Q22404	214644	TRANSISTOR	NSM	E
R15161	198667	RES CFFP 1/4W 5% 100R	NSM	A
CR11302	232709	DIODE	NSM	E
CR11303	232709	DIODE	NSM	E
CR11401	237472	DIODE, ZENER 6.2V .5W	NSM	E
CR11501	232709	DIODE	NSM	E
CR11502	232709	DIODE	NSM	E
CR11503	232709	DIODE	NSM	E
CR11700	223783	DIODE ZENER 6.2V .5W	NSM	E
CR11801	225702	DIODE	NSM	E
CR11802	232709	DIODE	NSM	E
CR11902	232709	DIODE	NSM	E
CR11903	232709	DIODE	NSM	E
CR11904	250663	DIODE	NSM	E
CR11905	250663	DIODE	NSM	E
CR11906	232709	DIODE	NSM	E
CR11907	232709	DIODE	NSM	E
CR11908	232709	DIODE	NSM	E
CR11909	220637	DIODE, ZENER 12V .5W	NSM	E
CR11910	250663	DIODE	NSM	E
CR11911	250663	DIODE	NSM	E
CR13101	231865	DIODE ZENER 3.9V .5W	NSM	E
CR13201	232709	DIODE	NSM	E
CR16500	250663	DIODE	NSM	E
CR16501	250663	DIODE	NSM	E
CR16502	250663	DIODE	NSM	E
CR16503	250663	DIODE	NSM	E
CR16504	250663	DIODE	NSM	E
CR16505	250663	DIODE	NSM	E
CR16506	250663	DIODE	NSM	E
CR16507	250663	DIODE	NSM	E
CR16508	250663	DIODE	NSM	E
CR16509	243897	DIODE, ZENER 3.9V .5W	NSM	E
CR16511	250663	DIODE	NSM	E
CR18103	232709	DIODE	NSM	E

CR22301	232709	DIODE	NSM	E
CR22303	232709	DIODE	NSM	E
CR22401	250663	DIODE	NSM	E
CR22402	250663	DIODE	NSM	E
CR22403	232709	DIODE	NSM	E
CR22404	243897	DIODE, ZENER 3.9V .5W	NSM	E
CR22405	239195	DIODE, ZENER 4.7V .5W	NSM	E
CR22406	243897	DIODE, ZENER 3.9V .5W	NSM	E
CR22407	232709	DIODE	NSM	E
CR41120	232709	DIODE	NSM	E
CR41121	232709	DIODE	NSM	E
U11301	237474	IC	NSM	E
U11400	243898	IC	NSM	E
U11401	243898	IC	NSM	E
U11402	243511	IC	NSM	E
U11403	243511	IC	NSM	E
U11404	237474	IC	NSM	E
U11500	237474	IC	NSM	E
U11700	243511	IC	NSM	E
U11701	243511	IC	NSM	E
U11702	249531	IC	NSM	E
U11800	227344	IC	NSM	E
U11900	227342	IC	NSM	E
U11901	248539	IC	NSM	E
U11902	248539	IC	NSM	E
U13101	253253	IC, MICROPROCESSOR	NSM	E
U13102	250713	IC, EEPROM	NSM	E
U13103	243901	IC	NSM	E
U13203	248039	IC	NSM	E
U16500	235447	IC	NSM	E
R41134	248036	RESISTOR	NSM	E
R41275	242795	RESISTOR	NSM	A
R41276	242795	RESISTOR	NSM	A
R41277	200169	RES CMF 1/10W 5% 12K	NSM	E
R41278	197904	RES CMF 1/10W 2% 20K	NSM	E
C11706	220155	CAPCC 560PF J NPO 50V	NSM	E
C11707	222008	CAPCC .1UF K X7R 25V	NSM	E
C11708	222008	CAPCC .1UF K X7R 25V	NSM	E
C11709	217298	CAPCC 0.22UF Z Y5V 25V	NSM	E
C11710	195689	CAPCC .01UF K X7R 50V	NSM	E
C11711	214731	CAPACITOR	NSM	E
C11712	222008	CAPCC .1UF K X7R 25V	NSM	E
C11805	243401	CAPACITOR	NSM	E
C11806	243401	CAPACITOR	NSM	E
C11807	227898	CAP LYTIC 470UF M 16V	NSM	E
C11808	200537	CAPACITOR	NSM	E
C11809	200537	CAPACITOR	NSM	E
C11810	222008	CAPCC .1UF K X7R 25V	NSM	E
C11811	156239	CAP LYTC 10UF M 63V	NSM	E
C11812	201131	CAPCC .18UF Z Y5V 50V	NSM	E
C11813	174422	CAPCC 2700PF K X7R 50V	NSM	E
C11814	201131	CAPCC .18UF Z Y5V 50V	NSM	E

C11815	174422	CAPCC 2700PF K X7R 50V	NSM	E
C11816	201131	CAPCC .18UF Z Y5V 50V	NSM	E
C11817	201131	CAPCC .18UF Z Y5V 50V	NSM	E
C11900	243275	CAPACITOR	NSM	E
C11901	175119	CAP LYTC 1000UF M 35V	NSM	E
C11929	156239	CAP LYTC 10UF M 63V	NSM	E
SW11900	211982	SWITCH, SPEAKER	NSM	E
T41200	243914	TRANSFORMER	NSM	A
FB13101	226467	BEAD	NSM	E
FB18100	226467	BEAD	NSM	E
FB18101	226467	BEAD	NSM	E
FB18102	215546	BEAD	NSM	E
FB18103	215546	BEAD	NSM	E
FB18104	215546	BEAD	NSM	E
FB18105	215546	BEAD	NSM	E
FB18106	215546	BEAD	NSM	E
FB18107	226467	BEAD	NSM	E
JC38201	205408	RES CMF 1/10W 0% 0R	NSM	E
JC38202	205408	RES CMF 1/10W 0% 0R	NSM	E
JC38303	181161	RES CMF 1/8W 0% 0R	NSM	E
JC38304	181161	RES CMF 1/8W 0% 0R	NSM	E
JC38306	205408	RES CMF 1/10W 0% 0R	NSM	E
JC38309	205408	RES CMF 1/10W 0% 0R	NSM	E
CLIP	173269	CLIP, TRANSISTOR	NSM	E
COVER	243916	COVER, TOP & BTM-CNTRL SHLD	NSM	N
COVER	243917	COVER, TOP & BTM-FPIP SHIELD	NSM	N
HEATSINK	243278	HEATSINK	NSM	E
HEATSINK	243922	HEATSINK	NSM	E
INSULATOR	214613	INSULATOR	NSM	E
J11300	245501	JACK, PHONO: 2-HIGH	NSM	E
J11301	245501	JACK, PHONO: 2-HIGH	NSM	E
J11402	242749	CONNECTOR, 8-PIN	NSM	E
J11403	245501	JACK, PHONO: 2-HIGH	NSM	E
J11900	226499	CONNECTOR, 4-PIN	NSM	A
Q22410	215495	TRANSISTOR	NSM	E
Q22411	215495	TRANSISTOR	NSM	E
Q22412	223657	TRANSISTOR	NSM	E
Q22413	215496	TRANSISTOR	NSM	E
R22407	243969	RESISTOR	NSM	E
R22408	243973	RESISTOR	NSM	E
R22409	243972	RESISTOR	NSM	E
R22410	243973	RESISTOR	NSM	E
R22412	195938	RES CMF 1/10W 2% 3.3K	NSM	E
R22413	195937	RES CMF 1/10W 5% 10K	NSM	E
R22414	195937	RES CMF 1/10W 5% 10K	NSM	E
R22415	192100	RES CMF 1/10W 5% 1K	NSM	E
R22416	205362	RES CMF 1/10W 2% 39K	NSM	E
R22417	192100	RES CMF 1/10W 5% 1K	NSM	E
R22418	205362	RES CMF 1/10W 2% 39K	NSM	E
R22419	192100	RES CMF 1/10W 5% 1K	NSM	E
R22420	197470	RESISTOR	NSM	E
R22421	205341	RES CMF 1/10W 2% 2K	NSM	E

R22422	195937	RES CMF 1/10W 5% 10K	NSM	E
R22423	206259	RES CMF 1/8W 5% 470R	NSM	E
R22424	205341	RES CMF 1/10W 2% 2K	NSM	E
R22425	197470	RESISTOR	NSM	E
R22426	181063	RESISTOR	NSM	E
R22427	197629	RES CMF 1/10W 2% 75R	NSM	E
R22428	181063	RESISTOR	NSM	E
R22429	197629	RES CMF 1/10W 2% 75R	NSM	E
R22430	197629	RES CMF 1/10W 2% 75R	NSM	E
R22431	181063	RESISTOR	NSM	E
R18133	205337	RES CMF 1/10W 2% 360R	NSM	E
R18134	218508	RES CMF 1/10W 5% 100R	NSM	E
C11300	156239	CAP LYTC 10UF M 63V	NSM	E
C11301	156239	CAP LYTC 10UF M 63V	NSM	E
C11304	156239	CAP LYTC 10UF M 63V	NSM	E
C11305	156239	CAP LYTC 10UF M 63V	NSM	E
C11306	223350	CAP LYTC 100UF M 35V	NSM	E
C11308	227351	CAP LYTC 470UF M 16V	NSM	E
C11310	222008	CAPCC .1UF K X7R 25V	NSM	E
C11400	156239	CAP LYTC 10UF M 63V	NSM	E
C11405	156239	CAP LYTC 10UF M 63V	NSM	E
C11406	156239	CAP LYTC 10UF M 63V	NSM	E
C11407	156239	CAP LYTC 10UF M 63V	NSM	E
C11408	156239	CAP LYTC 10UF M 63V	NSM	E
C11409	156239	CAP LYTC 10UF M 63V	NSM	E
C11410	156239	CAP LYTC 10UF M 63V	NSM	E
C11417	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11418	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11419	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11420	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11421	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11422	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11423	222008	CAPCC .1UF K X7R 25V	NSM	E
C11424	243275	CAPACITOR	NSM	E
C11425	222008	CAPCC .1UF K X7R 25V	NSM	E
C11426	243401	CAPACITOR	NSM	E
C11427	243401	CAPACITOR	NSM	E
C11701	190499	CAP LYTC 4.7UF M 100V	NSM	E
C11702	205230	CAPACITOR	NSM	E
C11703	194911	CAPCC 33PF J 50V	NSM	E
C11704	156239	CAP LYTC 10UF M 63V	NSM	E
R38367	226489	RES CMF 1/10W 5% 30K	NSM	E
R38368	195937	RES CMF 1/10W 5% 10K	NSM	E
R38370	218508	RES CMF 1/10W 5% 100R	NSM	E
R38371	218508	RES CMF 1/10W 5% 100R	NSM	E
R38372	218508	RES CMF 1/10W 5% 100R	NSM	E
R41127	248036	RESISTOR	NSM	E
R41128	195937	RES CMF 1/10W 5% 10K	NSM	E
R41129	248035	RES CMF 1/10W 1% 3.01K	NSM	E
R13197	192100	RES CMF 1/10W 5% 1K	NSM	E
R13200	192084	RES CMF 1/10W 5% 100K	NSM	E
R13201	218508	RES CMF 1/10W 5% 100R	NSM	E

R13218	218508	RES CMF 1/10W 5% 100R	NSM	E
R13219	218508	RES CMF 1/10W 5% 100R	NSM	E
R13220	218508	RES CMF 1/10W 5% 100R	NSM	E
R13262	192098	RES CMF 1/10W 5% 47R	NSM	E
R13263	192098	RES CMF 1/10W 5% 47R	NSM	E
R13264	192098	RES CMF 1/10W 5% 47R	NSM	E
R13265	192098	RES CMF 1/10W 5% 47R	NSM	E
R13266	192098	RES CMF 1/10W 5% 47R	NSM	E
R13267	192098	RES CMF 1/10W 5% 47R	NSM	E
R13268	192098	RES CMF 1/10W 5% 47R	NSM	E
R13269	192098	RES CMF 1/10W 5% 47R	NSM	E
R22301	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R22302	205340	RES CMF 1/10W 2% 1.3K	NSM	E
R22303	192102	RESISTOR	NSM	E
R22304	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R22306	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R22307	192100	RES CMF 1/10W 5% 1K	NSM	E
R22308	192100	RES CMF 1/10W 5% 1K	NSM	E
R22309	226489	RES CMF 1/10W 5% 30K	NSM	E
R22310	197468	RESISTOR	NSM	E
R22311	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R22321	176818	RES CMF 1/8W 5% 100R	NSM	E
R22323	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R22324	197903	RES CMF 1/10W 2% 1.8K	NSM	E
R22328	206261	RES CMF 1/8W 5% 10K	NSM	E
R22329	181481	RES CMF 1/8W 2% 270R	NSM	E
R22330	197642	RES CMF 1/10W 5% 3K	NSM	E
R22331	197642	RES CMF 1/10W 5% 3K	NSM	E
R22332	197642	RES CMF 1/10W 5% 3K	NSM	E
R22333	192100	RES CMF 1/10W 5% 1K	NSM	E
R22336	194920	RES CMF 1/10W 2% 1.2K	NSM	E
R22337	205408	RES CMF 1/10W 0% 0R	NSM	E
R22338	218508	RES CMF 1/10W 5% 100R	NSM	E
R22339	193344	RES CMF 1/10W 5% 33K	NSM	E
R22341	176818	RES CMF 1/8W 5% 100R	NSM	E
R22342	245498	RESISTOR	NSM	E
R22344	248555	RES CMF 1/10W .5% 1.5K	NSM	E
R22401	195937	RES CMF 1/10W 5% 10K	NSM	E
R22402	195937	RES CMF 1/10W 5% 10K	NSM	E
R22403	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R22404	195937	RES CMF 1/10W 5% 10K	NSM	E
R22405	243972	RESISTOR	NSM	E
R16567	205341	RES CMF 1/10W 2% 2K	NSM	E
R16573	200174	RESISTOR	NSM	E
R16574	200174	RESISTOR	NSM	E
R16575	200174	RESISTOR	NSM	E
R18100	218508	RES CMF 1/10W 5% 100R	NSM	E
R13278	200174	RESISTOR	NSM	E
R18101	202585	RES CMF 1/10W 2% 510R	NSM	E
R18102	195929	RESISTOR	NSM	E
R18103	205338	RES CMF 1/10W 2% 560R	NSM	E
R18104	175043	RES CF 1/4W 5% 820R	NSM	E

R18105	194926	RESISTOR	NSM	E
R18106	197634	RES CMF 1/10W 5% 24K	NSM	E
R18108	205385	RES CMF 1/10W 5% 680K	NSM	E
R11920	197470	RESISTOR	NSM	E
R11922	197903	RES CMF 1/10W 2% 1.8K	NSM	E
R11923	205349	RES CMF 1/10W 2% 8.2K	NSM	E
R11924	205351	RES CMF 1/10W 2% 11K	NSM	E
R11925	192086	RES CMF 1/10W 5% 150R	NSM	E
R11926	192086	RES CMF 1/10W 5% 150R	NSM	E
R11927	195937	RES CMF 1/10W 5% 10K	NSM	E
R11928	194926	RESISTOR	NSM	E
R11929	194926	RESISTOR	NSM	E
U16501	235447	IC	NSM	E
U16502	243907	IC	NSM	E
U18100	248620	IC	NSM	E
Q22414	215496	TRANSISTOR	NSM	E
U18101	243908	IC	NSM	E
U22300	243909	IC	NSM	E
U22301	249130	IC	NSM	E
U22303	214704	IC, 12V REGULATOR	NSM	E
U22401	248040	IC	NSM	E
U22402	249531	IC	NSM	E
U22403	249531	IC	NSM	E
U22404	243907	IC	NSM	E
U22405	243907	IC	NSM	E
U22406	243907	IC	NSM	E
U22407	248041	IC	NSM	E
U38300	242840	IC	NSM	E
U38301	248039	IC	NSM	E
U38303	243911	IC	NSM	E
U38304	248039	IC	NSM	E
U38305	236657	IC	NSM	E
U38306	248042	IC	NSM	E
U41275	232711	IC	NSM	E
Y13101	217322	CRYSTAL, 8MHZ	NSM	E
Y18100	197652	CRYSTAL, 14.31818MHZ	NSM	E
Y22300	243913	CRYSTAL, 503.5KHZ	NSM	E
Y22301	161235	CRYSTAL, 3.58MHZ	NSM	E
Y22401	243913	CRYSTAL, 503.5KHZ	NSM	E
R41130	215217	RES CMF 1/10W 1% 10K	NSM	E
R41131	197642	RES CMF 1/10W 5% 3K	NSM	E
R41132	192100	RES CMF 1/10W 5% 1K	NSM	E
R41133	195937	RES CMF 1/10W 5% 10K	NSM	E
C11902	175119	CAP LYTC 1000UF M 35V	NSM	E
C11903	190499	CAP LYTC 4.7UF M 100V	NSM	E
C11904	190499	CAP LYTC 4.7UF M 100V	NSM	E
C11905	243275	CAPACITOR	NSM	E
C11906	216078	CAPCC 1UF Z 16V	NSM	E
C11907	216078	CAPCC 1UF Z 16V	NSM	E
C11908	175119	CAP LYTC 1000UF M 35V	NSM	E
C11909	195689	CAPCC .01UF K X7R 50V	NSM	E
C11910	205230	CAPACITOR	NSM	E

C11911	205551	CAPACITOR	NSM	E
C11912	222008	CAPCC .1UF K X7R 25V	NSM	E
C11913	220155	CAPCC 560PF J NPO 50V	NSM	E
C11914	222008	CAPCC .1UF K X7R 25V	NSM	E
C11915	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11916	193340	CAPCC 100PF J NPO 50V	NSM	E
C11917	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11918	220155	CAPCC 560PF J NPO 50V	NSM	E
C11919	193340	CAPCC 100PF J NPO 50V	NSM	E
C11920	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11921	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11922	205230	CAPACITOR	NSM	E
C11923	222008	CAPCC .1UF K X7R 25V	NSM	E
C11924	205551	CAPACITOR	NSM	E
C11925	222008	CAPCC .1UF K X7R 25V	NSM	E
C11926	193340	CAPCC 100PF J NPO 50V	NSM	E
C11927	222008	CAPCC .1UF K X7R 25V	NSM	E
C11928	156239	CAP LYTC 10UF M 63V	NSM	E
J11901	246639	CONNECTOR, 4-PIN	NSM	A
J13107	227401	CONNECTOR, 5-PIN	NSM	E
J13202	237508	CONNECTOR, 6-PIN: SERVICE	NSM	E
J16501	243927	JACK, PHONO: 3-HIGH W/SVHS	NSM	E
J16502	243927	JACK, PHONO: 3-HIGH W/SVHS	NSM	E
J16503	243927	JACK, PHONO: 3-HIGH W/SVHS	NSM	E
J16504	242851	CONNECTOR, 12-PIN	NSM	A
J16507	226525	CONNECTOR, 2-PIN	NSM	E
J16511	242749	CONNECTOR, 8-PIN	NSM	E
J22325	242851	CONNECTOR, 12-PIN	NSM	E
J22401	245502	JACK, PHONO: 3-HIGH	NSM	E
J22402	242851	CONNECTOR, 12-PIN	NSM	E
J22403	239159	CONNECTOR, 14-PIN	NSM	E
J38301	243934	CONNECTOR, 29-PIN	NSM	E
J41125	226525	CONNECTOR, 2-PIN	NSM	E
J41126	226525	CONNECTOR, 2-PIN	NSM	E
C11705	193043	CAP LYTC 47UF M 35V	NSM	E
J41275	226525	CONNECTOR, 2-PIN	NSM	E
J41276	242749	CONNECTOR, 8-PIN	NSM	A
SOCKET	243935	SOCKET, IC: 8-PIN	NSM	E
FRAME	243937	FRAME, CONTROL SHIELD	NSM	N
FRAME	243938	FRAME, FPIP SHIELD	NSM	N
Q22405	214644	TRANSISTOR	NSM	E
Q22406	215496	TRANSISTOR	NSM	E
Q22407	215495	TRANSISTOR	NSM	E
Q22408	215495	TRANSISTOR	NSM	E
Q22409	215495	TRANSISTOR	NSM	E
R22432	206259	RES CMF 1/8W 5% 470R	NSM	E
R22433	181063	RESISTOR	NSM	E
R18109	201144	RES CMF 1/10W 5% 1M	NSM	E
R18110	194918	RES CMF 1/10W 2% 180R	NSM	E
R18111	192100	RES CMF 1/10W 5% 1K	NSM	E
R18112	192089	RES CMF 1/10W 2% 220R	NSM	E
R18113	218508	RES CMF 1/10W 5% 100R	NSM	E

R18114	205362	RES CMF 1/10W 2% 39K	NSM	E
R18115	194918	RES CMF 1/10W 2% 180R	NSM	E
R18116	192100	RES CMF 1/10W 5% 1K	NSM	E
R18117	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R18118	200174	RESISTOR	NSM	E
R18119	218508	RES CMF 1/10W 5% 100R	NSM	E
R18120	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R18121	194918	RES CMF 1/10W 2% 180R	NSM	E
R18122	192100	RES CMF 1/10W 5% 1K	NSM	E
R18123	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R18124	192100	RES CMF 1/10W 5% 1K	NSM	E
R18125	205337	RES CMF 1/10W 2% 360R	NSM	E
R18126	218508	RES CMF 1/10W 5% 100R	NSM	E
R18127	192100	RES CMF 1/10W 5% 1K	NSM	E
R18128	194918	RES CMF 1/10W 2% 180R	NSM	E
R18129	218508	RES CMF 1/10W 5% 100R	NSM	E
R18130	192100	RES CMF 1/10W 5% 1K	NSM	E
R18131	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R18132	192070	RES CMF 1/10W 5% 22K	NSM	E
C11428	243275	CAPACITOR	NSM	E
C11429	243401	CAPACITOR	NSM	E
C11430	243401	CAPACITOR	NSM	E
C11431	243401	CAPACITOR	NSM	E
C11432	243401	CAPACITOR	NSM	E
C11433	243401	CAPACITOR	NSM	E
C11434	243401	CAPACITOR	NSM	E
C11435	243401	CAPACITOR	NSM	E
C11436	243401	CAPACITOR	NSM	E
C11437	222008	CAPCC .1UF K X7R 25V	NSM	E
C11438	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11439	156239	CAP LYTC 10UF M 63V	NSM	E
C11440	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11441	156239	CAP LYTC 10UF M 63V	NSM	E
C11442	243275	CAPACITOR	NSM	E
C11445	243401	CAPACITOR	NSM	E
C11446	243401	CAPACITOR	NSM	E
R22406	243973	RESISTOR	NSM	E
C11447	243401	CAPACITOR	NSM	E
C11448	243401	CAPACITOR	NSM	E
C11449	222008	CAPCC .1UF K X7R 25V	NSM	E
C11501	195691	CAPACITOR	NSM	E
C11502	156239	CAP LYTC 10UF M 63V	NSM	E
C11503	195691	CAPACITOR	NSM	E
C11504	222008	CAPCC .1UF K X7R 25V	NSM	E
C11518	190499	CAP LYTC 4.7UF M 100V	NSM	E
C11519	190499	CAP LYTC 4.7UF M 100V	NSM	E
C11700	190499	CAP LYTC 4.7UF M 100V	NSM	E
R13273	195939	RES CMF 1/10W 2% 680R	NSM	E
R13274	195939	RES CMF 1/10W 2% 680R	NSM	E
R13275	195939	RES CMF 1/10W 2% 680R	NSM	E
R13276	192084	RES CMF 1/10W 5% 100K	NSM	E
R13277	192084	RES CMF 1/10W 5% 100K	NSM	E

R18135	192100	RES CMF 1/10W 5% 1K	NSM	E
R18136	205337	RES CMF 1/10W 2% 360R	NSM	E
R18137	218508	RES CMF 1/10W 5% 100R	NSM	E
R18138	192100	RES CMF 1/10W 5% 1K	NSM	E
R18140	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R18141	205340	RES CMF 1/10W 2% 1.3K	NSM	E
R18142	194926	RESISTOR	NSM	E
R18143	244903	RES CMF 1/10W 2% 2.2K	NSM	E
R18144	197905	RES CMF 1/10W 2% 2.7K	NSM	E
R18145	218508	RES CMF 1/10W 5% 100R	NSM	E
R18146	197905	RES CMF 1/10W 2% 2.7K	NSM	E
R18147	192100	RES CMF 1/10W 5% 1K	NSM	E
R18503	243973	RESISTOR	NSM	E
R18504	243973	RESISTOR	NSM	E
R18505	243973	RESISTOR	NSM	E
R18506	243973	RESISTOR	NSM	E
R18507	243973	RESISTOR	NSM	E
R18508	243973	RESISTOR	NSM	E
R18509	243973	RESISTOR	NSM	E
R18510	243973	RESISTOR	NSM	E
R18511	243973	RESISTOR	NSM	E
R22300	176367	RES CMF 1/8W 5% 47R	NSM	E
R22345	248568	RES CMF 1/10W .5% 1K	NSM	E
R22346	176818	RES CMF 1/8W 5% 100R	NSM	E
R22355	175754	RES CF 1/4W 5% 33R	NSM	A
R22356	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R22357	195937	RES CMF 1/10W 5% 10K	NSM	E
R22358	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R22359	197905	RES CMF 1/10W 2% 2.7K	NSM	E
R22360	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R22361	197624	RES CMF 1/10W 2% 240R	NSM	E
R22362	241259	RESISTOR	NSM	A
R22363	194920	RES CMF 1/10W 2% 1.2K	NSM	E
R22364	205408	RES CMF 1/10W 0% 0R	NSM	E
R22365	176367	RES CMF 1/8W 5% 47R	NSM	E
R22366	176818	RES CMF 1/8W 5% 100R	NSM	E
R22367	181488	RES CMF 1/8W 2% 330R	NSM	E
R22368	194920	RES CMF 1/10W 2% 1.2K	NSM	E
R22369	205408	RES CMF 1/10W 0% 0R	NSM	E
R22370	176367	RES CMF 1/8W 5% 47R	NSM	E
R22371	176818	RES CMF 1/8W 5% 100R	NSM	E
R22372	181488	RES CMF 1/8W 2% 330R	NSM	E
R22373	194920	RES CMF 1/10W 2% 1.2K	NSM	E
R22374	205408	RES CMF 1/10W 0% 0R	NSM	E
R38362	205364	RES CMF 1/10W 2% 47K	NSM	E
R22375	176367	RES CMF 1/8W 5% 47R	NSM	E
R22376	176818	RES CMF 1/8W 5% 100R	NSM	E
R22377	181488	RES CMF 1/8W 2% 330R	NSM	E
R11930	192084	RES CMF 1/10W 5% 100K	NSM	E
R11931	192084	RES CMF 1/10W 5% 100K	NSM	E
R11932	243968	RESISTOR	NSM	E
R11933	243968	RESISTOR	NSM	E

R11934	205341	RES CMF 1/10W 2% 2K	NSM	E
R11935	218508	RES CMF 1/10W 5% 100R	NSM	E
R22434	189995	RES CMF 1/8W 2% 2K	NSM	E
R22435	181056	RES CMF 1/8W 2% 750R	NSM	E
R22436	189995	RES CMF 1/8W 2% 2K	NSM	E
R22437	181056	RES CMF 1/8W 2% 750R	NSM	E
R22438	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R22439	189995	RES CMF 1/8W 2% 2K	NSM	E
R22440	190462	RESISTOR	NSM	E
R22441	189995	RES CMF 1/8W 2% 2K	NSM	E
R22442	190462	RESISTOR	NSM	E
R22443	195937	RES CMF 1/10W 5% 10K	NSM	E
R22444	189995	RES CMF 1/8W 2% 2K	NSM	E
R22445	190462	RESISTOR	NSM	E
R22446	189995	RES CMF 1/8W 2% 2K	NSM	E
R22447	190462	RESISTOR	NSM	E
R22448	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R22449	192089	RES CMF 1/10W 2% 220R	NSM	E
R22450	181063	RESISTOR	NSM	E
R22451	195937	RES CMF 1/10W 5% 10K	NSM	E
R22452	195937	RES CMF 1/10W 5% 10K	NSM	E
R22453	205337	RES CMF 1/10W 2% 360R	NSM	E
R22454	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R22455	205348	RES CMF 1/10W 2% 7.5K	NSM	E
R22456	194917	RES CMF 1/10W 2% 3K	NSM	E
R22457	195937	RES CMF 1/10W 5% 10K	NSM	E
R22458	195937	RES CMF 1/10W 5% 10K	NSM	E
R22459	195937	RES CMF 1/10W 5% 10K	NSM	E
R22460	192100	RES CMF 1/10W 5% 1K	NSM	E
R22461	250714	RESISTOR	NSM	E
R22462	243408	RESISTOR	NSM	E
R22463	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R22464	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R22465	218508	RES CMF 1/10W 5% 100R	NSM	E
R22466	218508	RES CMF 1/10W 5% 100R	NSM	E
R22467	195937	RES CMF 1/10W 5% 10K	NSM	E
R22468	195937	RES CMF 1/10W 5% 10K	NSM	E
R22469	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R22470	205308	RES CMF 1/10W 5% 10R	NSM	E
R38300	205348	RES CMF 1/10W 2% 7.5K	NSM	E
R38301	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R38302	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R38303	218508	RES CMF 1/10W 5% 100R	NSM	E
R38304	218508	RES CMF 1/10W 5% 100R	NSM	E
R38305	206301	RES CMF 1/10W 5% 15K	NSM	E
R38307	218508	RES CMF 1/10W 5% 100R	NSM	E
R38308	218508	RES CMF 1/10W 5% 100R	NSM	E
R38309	192084	RES CMF 1/10W 5% 100K	NSM	E
R38310	197903	RES CMF 1/10W 2% 1.8K	NSM	E
R38345	176818	RES CMF 1/8W 5% 100R	NSM	E
R38346	195937	RES CMF 1/10W 5% 10K	NSM	E
R38349	218508	RES CMF 1/10W 5% 100R	NSM	E

R38359	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R38360	197903	RES CMF 1/10W 2% 1.8K	NSM	E
R38361	205364	RES CMF 1/10W 2% 47K	NSM	E
R13166	192100	RES CMF 1/10W 5% 1K	NSM	E
R13167	195937	RES CMF 1/10W 5% 10K	NSM	E
R13168	201144	RES CMF 1/10W 5% 1M	NSM	E
R13169	195937	RES CMF 1/10W 5% 10K	NSM	E
R13170	192100	RES CMF 1/10W 5% 1K	NSM	E
R13171	205308	RES CMF 1/10W 5% 10R	NSM	E
R13172	205552	RES CMF 1/10W 5% 62K	NSM	E
R13173	192084	RES CMF 1/10W 5% 100K	NSM	E
R13174	195937	RES CMF 1/10W 5% 10K	NSM	E
R13175	192084	RES CMF 1/10W 5% 100K	NSM	E
R11936	243969	RESISTOR	NSM	E
R13176	195937	RES CMF 1/10W 5% 10K	NSM	E
R13177	192100	RES CMF 1/10W 5% 1K	NSM	E
R13178	195929	RESISTOR	NSM	E
R13179	195937	RES CMF 1/10W 5% 10K	NSM	E
R13180	195937	RES CMF 1/10W 5% 10K	NSM	E
R13181	192100	RES CMF 1/10W 5% 1K	NSM	E
R13187	218508	RES CMF 1/10W 5% 100R	NSM	E
R13195	201144	RES CMF 1/10W 5% 1M	NSM	E
R13196	192100	RES CMF 1/10W 5% 1K	NSM	E
R13319	197904	RES CMF 1/10W 2% 20K	NSM	E
R13329	195937	RES CMF 1/10W 5% 10K	NSM	E
R13372	218508	RES CMF 1/10W 5% 100R	NSM	E
R16500	243972	RESISTOR	NSM	E
R16501	243972	RESISTOR	NSM	E
R16502	243972	RESISTOR	NSM	E
R16503	243972	RESISTOR	NSM	E
R16504	243972	RESISTOR	NSM	E
R16505	205244	RES CMF 1/10W 5% 82K	NSM	E
R16506	192084	RES CMF 1/10W 5% 100K	NSM	E
R16507	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R11806	192100	RES CMF 1/10W 5% 1K	NSM	E
R16508	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R16509	194917	RES CMF 1/10W 2% 3K	NSM	E
R16510	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R16511	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R16512	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R16513	192084	RES CMF 1/10W 5% 100K	NSM	E
R16514	205244	RES CMF 1/10W 5% 82K	NSM	E
R16515	243972	RESISTOR	NSM	E
R16516	243972	RESISTOR	NSM	E
R16517	200174	RESISTOR	NSM	E
R16518	205244	RES CMF 1/10W 5% 82K	NSM	E
R16519	192084	RES CMF 1/10W 5% 100K	NSM	E
R16520	194917	RES CMF 1/10W 2% 3K	NSM	E
R16521	194917	RES CMF 1/10W 2% 3K	NSM	E
R16522	194917	RES CMF 1/10W 2% 3K	NSM	E
R16552	176818	RES CMF 1/8W 5% 100R	NSM	E
R16554	200174	RESISTOR	NSM	E

R16556	195938	RES CMF 1/10W 2% 3.3K	NSM	E
R16557	200174	RESISTOR	NSM	E
R16558	218508	RES CMF 1/10W 5% 100R	NSM	E
R16559	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R16560	176818	RES CMF 1/8W 5% 100R	NSM	E
R11812	192100	RES CMF 1/10W 5% 1K	NSM	E
R11813	241774	RES CF 10W 5% 51R	NSM	E
R11814	205345	RES CMF 1/10W 2% 5.1K	NSM	E
R11815	205345	RES CMF 1/10W 2% 5.1K	NSM	E
R11816	192100	RES CMF 1/10W 5% 1K	NSM	E
R11900	195937	RES CMF 1/10W 5% 10K	NSM	E
R11901	197903	RES CMF 1/10W 2% 1.8K	NSM	E
R11475	197470	RESISTOR	NSM	E
R11902	195937	RES CMF 1/10W 5% 10K	NSM	E
R11905	218508	RES CMF 1/10W 5% 100R	NSM	E
R11906	210245	RES CF 1/4W 5% 100R	NSM	E
R11907	210245	RES CF 1/4W 5% 100R	NSM	E
R11908	218508	RES CMF 1/10W 5% 100R	NSM	E
R11909	175353	RES CMF 1/8W 5% 220K	NSM	E
R11910	175046	RES CF 1/4W 5% 30K	NSM	E
R11911	192100	RES CMF 1/10W 5% 1K	NSM	E
R11912	200197	RES CFFP 1/4W 5% 4.7R	NSM	A
R11913	200197	RES CFFP 1/4W 5% 4.7R	NSM	A
R11914	176806	RES MF 2W 5% 47R	NSM	A
R11915	195937	RES CMF 1/10W 5% 10K	NSM	E
R11949	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R13104	195937	RES CMF 1/10W 5% 10K	NSM	E
R11950	243969	RESISTOR	NSM	E
R13105	194920	RES CMF 1/10W 2% 1.2K	NSM	E
R11951	243969	RESISTOR	NSM	E
R13107	192100	RES CMF 1/10W 5% 1K	NSM	E
R11952	192086	RES CMF 1/10W 5% 150R	NSM	E
R13108	192100	RES CMF 1/10W 5% 1K	NSM	E
R13109	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R13111	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R13112	192100	RES CMF 1/10W 5% 1K	NSM	E
R13113	200174	RESISTOR	NSM	E
R13114	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R13115	195937	RES CMF 1/10W 5% 10K	NSM	E
R13116	195937	RES CMF 1/10W 5% 10K	NSM	E
R13117	195937	RES CMF 1/10W 5% 10K	NSM	E
R13118	200174	RESISTOR	NSM	E
R13119	200174	RESISTOR	NSM	E
R13120	195937	RES CMF 1/10W 5% 10K	NSM	E
R13122	195937	RES CMF 1/10W 5% 10K	NSM	E
R13125	192089	RES CMF 1/10W 2% 220R	NSM	E
R13126	226489	RES CMF 1/10W 5% 30K	NSM	E
R13128	192084	RES CMF 1/10W 5% 100K	NSM	E
R13130	205351	RES CMF 1/10W 2% 11K	NSM	E
R13131	205308	RES CMF 1/10W 5% 10R	NSM	E
R13132	218508	RES CMF 1/10W 5% 100R	NSM	E
R13133	195937	RES CMF 1/10W 5% 10K	NSM	E

R13159	218508	RES CMF 1/10W 5% 100R	NSM	E
R13160	195937	RES CMF 1/10W 5% 10K	NSM	E
R13161	192100	RES CMF 1/10W 5% 1K	NSM	E
R13162	192084	RES CMF 1/10W 5% 100K	NSM	E
R13163	195937	RES CMF 1/10W 5% 10K	NSM	E
R13164	195937	RES CMF 1/10W 5% 10K	NSM	E
R11418	192100	RES CMF 1/10W 5% 1K	NSM	A
R11419	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R11420	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R11421	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R11422	218508	RES CMF 1/10W 5% 100R	NSM	E
R11423	218508	RES CMF 1/10W 5% 100R	NSM	E
R11424	218508	RES CMF 1/10W 5% 100R	NSM	E
R11425	218508	RES CMF 1/10W 5% 100R	NSM	E
R11426	241259	RESISTOR	NSM	A
R11427	192084	RES CMF 1/10W 5% 100K	NSM	E
C22428	222008	CAPCC .1UF K X7R 25V	NSM	E
R11428	192084	RES CMF 1/10W 5% 100K	NSM	E
R11429	192084	RES CMF 1/10W 5% 100K	NSM	E
R11430	194917	RES CMF 1/10W 2% 3K	NSM	E
R11431	194917	RES CMF 1/10W 2% 3K	NSM	E
R11432	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R11433	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R11448	195939	RES CMF 1/10W 2% 680R	NSM	E
R11450	197640	RES CMF 1/10W 5% 150K	NSM	E
R11451	197640	RES CMF 1/10W 5% 150K	NSM	E
R11491	243967	RESISTOR	NSM	E
R11492	197640	RES CMF 1/10W 5% 150K	NSM	E
R11495	243967	RESISTOR	NSM	E
R11496	197640	RES CMF 1/10W 5% 150K	NSM	E
R11497	195937	RES CMF 1/10W 5% 10K	NSM	E
R11498	195937	RES CMF 1/10W 5% 10K	NSM	E
R11501	195937	RES CMF 1/10W 5% 10K	NSM	E
R11499	197640	RES CMF 1/10W 5% 150K	NSM	E
R11502	195937	RES CMF 1/10W 5% 10K	NSM	E
R11503	195937	RES CMF 1/10W 5% 10K	NSM	E
R11504	195937	RES CMF 1/10W 5% 10K	NSM	E
R11505	205346	RES CMF 1/10W 5% 5.6K	NSM	E
R11506	195937	RES CMF 1/10W 5% 10K	NSM	E
R11508	192100	RES CMF 1/10W 5% 1K	NSM	E
R11509	197904	RES CMF 1/10W 2% 20K	NSM	E
R11700	200169	RES CMF 1/10W 5% 12K	NSM	E
R11701	192084	RES CMF 1/10W 5% 100K	NSM	E
R11702	192084	RES CMF 1/10W 5% 100K	NSM	E
R11703	192100	RES CMF 1/10W 5% 1K	NSM	E
R11704	197470	RESISTOR	NSM	E
R11705	197622	RESISTOR	NSM	E
R11706	197622	RESISTOR	NSM	E
R11707	206301	RES CMF 1/10W 5% 15K	NSM	E
R11708	197622	RESISTOR	NSM	E
R11709	195937	RES CMF 1/10W 5% 10K	NSM	E
R11710	197470	RESISTOR	NSM	E

R11711	226489	RES CMF 1/10W 5% 30K	NSM	E
R11800	192100	RES CMF 1/10W 5% 1K	NSM	E
R11801	218508	RES CMF 1/10W 5% 100R	NSM	E
R11802	192100	RES CMF 1/10W 5% 1K	NSM	E
R11803	192100	RES CMF 1/10W 5% 1K	NSM	E
R11807	192100	RES CMF 1/10W 5% 1K	NSM	E
R11808	192100	RES CMF 1/10W 5% 1K	NSM	E
C22330	222008	CAPCC .1UF K X7R 25V	NSM	E
C22331	222008	CAPCC .1UF K X7R 25V	NSM	E
C22335	223350	CAP LYTC 100UF M 35V	NSM	E
C22336	222008	CAPCC .1UF K X7R 25V	NSM	E
C22337	222008	CAPCC .1UF K X7R 25V	NSM	E
C22340	193340	CAPCC 100PF J NPO 50V	NSM	E
C22348	193043	CAP LYTC 47UF M 35V	NSM	E
C22349	222008	CAPCC .1UF K X7R 25V	NSM	E
C22350	222008	CAPCC .1UF K X7R 25V	NSM	E
C22354	222008	CAPCC .1UF K X7R 25V	NSM	E
C22355	222008	CAPCC .1UF K X7R 25V	NSM	E
C22356	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C18121	222008	CAPCC .1UF K X7R 25V	NSM	E
C22401	222008	CAPCC .1UF K X7R 25V	NSM	E
C22402	195691	CAPACITOR	NSM	E
C22403	195691	CAPACITOR	NSM	E
C22404	195691	CAPACITOR	NSM	E
C22405	222008	CAPCC .1UF K X7R 25V	NSM	E
C22406	195691	CAPACITOR	NSM	E
C22407	195691	CAPACITOR	NSM	E
C22408	195691	CAPACITOR	NSM	E
R38311	192102	RESISTOR	NSM	E
R38312	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R38313	195937	RES CMF 1/10W 5% 10K	NSM	E
R38314	206301	RES CMF 1/10W 5% 15K	NSM	E
R38315	195938	RES CMF 1/10W 2% 3.3K	NSM	E
R38316	205345	RES CMF 1/10W 2% 5.1K	NSM	E
R38317	195938	RES CMF 1/10W 2% 3.3K	NSM	E
R38326	195937	RES CMF 1/10W 5% 10K	NSM	E
R38327	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R38328	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R38329	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R38330	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R38331	195937	RES CMF 1/10W 5% 10K	NSM	E
R16566	192089	RES CMF 1/10W 2% 220R	NSM	E
R38332	197907	RES CMF 1/10W 2% 3.9K	NSM	E
R38333	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R38334	197905	RES CMF 1/10W 2% 2.7K	NSM	E
R38335	192102	RESISTOR	NSM	E
R38336	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R38338	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R38339	192070	RES CMF 1/10W 5% 22K	NSM	E
R38340	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R38341	195938	RES CMF 1/10W 2% 3.3K	NSM	E
R38342	218508	RES CMF 1/10W 5% 100R	NSM	E

R38343	192100	RES CMF 1/10W 5% 1K	NSM	E
R38344	195937	RES CMF 1/10W 5% 10K	NSM	E
R11459	243967	RESISTOR	NSM	E
R11464	243967	RESISTOR	NSM	E
R11465	243967	RESISTOR	NSM	E
R11466	192084	RES CMF 1/10W 5% 100K	NSM	E
R11467	192084	RES CMF 1/10W 5% 100K	NSM	E
R11468	192084	RES CMF 1/10W 5% 100K	NSM	E
R11469	197904	RES CMF 1/10W 2% 20K	NSM	E
R11470	197470	RESISTOR	NSM	E
R11471	218508	RES CMF 1/10W 5% 100R	NSM	E
R11472	192084	RES CMF 1/10W 5% 100K	NSM	E
R11473	218508	RES CMF 1/10W 5% 100R	NSM	E
R11474	192084	RES CMF 1/10W 5% 100K	NSM	E
R13279	200174	RESISTOR	NSM	E
R13280	200174	RESISTOR	NSM	E
R13281	200174	RESISTOR	NSM	E
R13284	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R13285	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R13286	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R13287	202585	RES CMF 1/10W 2% 510R	NSM	E
R13290	192084	RES CMF 1/10W 5% 100K	NSM	E
R13291	192084	RES CMF 1/10W 5% 100K	NSM	E
R13301	205346	RES CMF 1/10W 5% 5.6K	NSM	E
R13302	205346	RES CMF 1/10W 5% 5.6K	NSM	E
R13314	195937	RES CMF 1/10W 5% 10K	NSM	E
R13316	195937	RES CMF 1/10W 5% 10K	NSM	E
R13317	205364	RES CMF 1/10W 2% 47K	NSM	E
R13318	195937	RES CMF 1/10W 5% 10K	NSM	E
R16523	194917	RES CMF 1/10W 2% 3K	NSM	E
R16524	243972	RESISTOR	NSM	E
R16525	243972	RESISTOR	NSM	E
R16526	192084	RES CMF 1/10W 5% 100K	NSM	E
R16527	205244	RES CMF 1/10W 5% 82K	NSM	E
R16528	206259	RES CMF 1/8W 5% 470R	NSM	E
R16529	194902	CAPACITOR	NSM	E
R16530	189995	RES CMF 1/8W 2% 2K	NSM	E
R16531	189995	RES CMF 1/8W 2% 2K	NSM	E
R16532	194902	CAPACITOR	NSM	E
R16533	200174	RESISTOR	NSM	E
R16534	200174	RESISTOR	NSM	E
R16535	200174	RESISTOR	NSM	E
R16536	200174	RESISTOR	NSM	E
R16537	200174	RESISTOR	NSM	E
R16538	176818	RES CMF 1/8W 5% 100R	NSM	E
R16539	195938	RES CMF 1/10W 2% 3.3K	NSM	E
R16540	176818	RES CMF 1/8W 5% 100R	NSM	E
R16541	192099	RES CMF 1/10W 2% 100R	NSM	E
R16544	194926	RESISTOR	NSM	E
R13165	192100	RES CMF 1/10W 5% 1K	NSM	E
R16545	194926	RESISTOR	NSM	E
R16546	195938	RES CMF 1/10W 2% 3.3K	NSM	E

R16547	205344	RES CMF 1/10W 2% 4.3K	NSM	E
R16548	205344	RES CMF 1/10W 2% 4.3K	NSM	E
R16549	205344	RES CMF 1/10W 2% 4.3K	NSM	E
R16550	192100	RES CMF 1/10W 5% 1K	NSM	E
R16551	176818	RES CMF 1/8W 5% 100R	NSM	E
R11916	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R11917	192097	RES CMF 1/10W 2% 4.7K	NSM	E
C22419	220998	CAP LYTC 1UF M 100V	NSM	E
C22420	222008	CAPCC .1UF K X7R 25V	NSM	E
C22421	193043	CAP LYTC 47UF M 35V	NSM	E
C22422	220998	CAP LYTC 1UF M 100V	NSM	E
C22423	197600	CAPCC 1000PF K X7R 50V	NSM	E
C22424	239175	CAP POLY .001UF M 100V	NSM	E
C22425	217298	CAPCC 0.22UF Z Y5V 25V	NSM	E
C22426	222008	CAPCC .1UF K X7R 25V	NSM	E
C22427	192049	CAPCC 82PF J NPO 50V	NSM	E
R11937	192084	RES CMF 1/10W 5% 100K	NSM	E
R11938	205341	RES CMF 1/10W 2% 2K	NSM	E
R11939	243969	RESISTOR	NSM	E
R11940	195937	RES CMF 1/10W 5% 10K	NSM	E
R11941	176653	RES MF 1W 5% 680R	NSM	E
R11942	242021	RES MFFP 1W 5% 1K	NSM	E
R11943	205340	RES CMF 1/10W 2% 1.3K	NSM	E
R11944	206318	RES CMF 1/10W 5% 3.9K	NSM	E
R11945	192086	RES CMF 1/10W 5% 150R	NSM	E
R11946	205340	RES CMF 1/10W 2% 1.3K	NSM	E
R13101	205395	RES CMF 1/10W 5% 2.7M	NSM	E
R13102	197634	RES CMF 1/10W 5% 24K	NSM	E
R11947	206318	RES CMF 1/10W 5% 3.9K	NSM	E
R11948	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R13103	195937	RES CMF 1/10W 5% 10K	NSM	E
R13134	192100	RES CMF 1/10W 5% 1K	NSM	E
R13135	192100	RES CMF 1/10W 5% 1K	NSM	E
R13136	218508	RES CMF 1/10W 5% 100R	NSM	E
R13137	192084	RES CMF 1/10W 5% 100K	NSM	E
R13138	192089	RES CMF 1/10W 2% 220R	NSM	E
R13139	195937	RES CMF 1/10W 5% 10K	NSM	E
R13140	193344	RES CMF 1/10W 5% 33K	NSM	E
R13141	192089	RES CMF 1/10W 2% 220R	NSM	E
R13142	195937	RES CMF 1/10W 5% 10K	NSM	E
R13143	192084	RES CMF 1/10W 5% 100K	NSM	E
R13144	195937	RES CMF 1/10W 5% 10K	NSM	E
R13145	197629	RES CMF 1/10W 2% 75R	NSM	E
R13146	192084	RES CMF 1/10W 5% 100K	NSM	E
R13147	195937	RES CMF 1/10W 5% 10K	NSM	E
R13148	192100	RES CMF 1/10W 5% 1K	NSM	E
R13149	192100	RES CMF 1/10W 5% 1K	NSM	E
R13150	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R13151	192100	RES CMF 1/10W 5% 1K	NSM	E
R13152	192100	RES CMF 1/10W 5% 1K	NSM	E
R13153	192100	RES CMF 1/10W 5% 1K	NSM	E
R13154	195937	RES CMF 1/10W 5% 10K	NSM	E

R11811	218508	RES CMF 1/10W 5% 100R	NSM	E
R13155	195937	RES CMF 1/10W 5% 10K	NSM	E
R13156	195929	RESISTOR	NSM	E
R13157	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R13158	205385	RES CMF 1/10W 5% 680K	NSM	E
R11452	197640	RES CMF 1/10W 5% 150K	NSM	E
R11453	197640	RES CMF 1/10W 5% 150K	NSM	E
R11454	197640	RES CMF 1/10W 5% 150K	NSM	E
R11455	197640	RES CMF 1/10W 5% 150K	NSM	E
R11456	243967	RESISTOR	NSM	E
R11457	243967	RESISTOR	NSM	E
R11458	243967	RESISTOR	NSM	E
C18115	220218	CAPCC .033UF K X7R 50V	NSM	E
C18116	217298	CAPCC 0.22UF Z Y5V 25V	NSM	E
C18118	200537	CAPACITOR	NSM	E
C18119	220150	CAPCC 20PF J NPO 50V	NSM	E
C18120	222008	CAPCC .1UF K X7R 25V	NSM	E
R11476	197470	RESISTOR	NSM	E
R11477	218508	RES CMF 1/10W 5% 100R	NSM	E
R11478	192084	RES CMF 1/10W 5% 100K	NSM	E
R11479	218508	RES CMF 1/10W 5% 100R	NSM	E
R11480	192084	RES CMF 1/10W 5% 100K	NSM	E
R11481	195937	RES CMF 1/10W 5% 10K	NSM	E
R11482	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R11483	195937	RES CMF 1/10W 5% 10K	NSM	E
R11484	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R11485	195937	RES CMF 1/10W 5% 10K	NSM	E
R11486	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R11487	195937	RES CMF 1/10W 5% 10K	NSM	E
R11488	197640	RES CMF 1/10W 5% 150K	NSM	E
R11489	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R11490	241259	RESISTOR	NSM	A
R11712	192084	RES CMF 1/10W 5% 100K	NSM	E
R11713	192100	RES CMF 1/10W 5% 1K	NSM	E
R11714	192084	RES CMF 1/10W 5% 100K	NSM	E
R11716	192084	RES CMF 1/10W 5% 100K	NSM	E
R11717	192084	RES CMF 1/10W 5% 100K	NSM	E
R11720	241259	RESISTOR	NSM	A
R11722	197470	RESISTOR	NSM	E
R11723	195937	RES CMF 1/10W 5% 10K	NSM	E
R11724	206301	RES CMF 1/10W 5% 15K	NSM	E
R11725	197471	RES CMF 1/10W 5% 68K	NSM	E
R11726	195937	RES CMF 1/10W 5% 10K	NSM	E
R11727	192084	RES CMF 1/10W 5% 100K	NSM	E
R11728	192084	RES CMF 1/10W 5% 100K	NSM	E
R11729	197470	RESISTOR	NSM	E
R11730	194916	RES CMF 1/10W 2% 6.8K	NSM	E
R11731	197470	RESISTOR	NSM	E
R11732	192084	RES CMF 1/10W 5% 100K	NSM	E
R11733	192084	RES CMF 1/10W 5% 100K	NSM	E
R11417	192100	RES CMF 1/10W 5% 1K	NSM	A
R11734	192100	RES CMF 1/10W 5% 1K	NSM	E

R11735	192084	RES CMF 1/10W 5% 100K	NSM	E
R11736	206729	RES CMF 1/10W 5% 2.4K	NSM	E
R11737	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R11738	195937	RES CMF 1/10W 5% 10K	NSM	E
R11739	192095	RES CMF 1/10W 2% 56K	NSM	E
R11740	192100	RES CMF 1/10W 5% 1K	NSM	E
R11741	201144	RES CMF 1/10W 5% 1M	NSM	E
C22409	222008	CAPCC .1UF K X7R 25V	NSM	E
C22410	222008	CAPCC .1UF K X7R 25V	NSM	E
C22411	194366	CAP LYTC 100UF M 16V	NSM	E
C22412	222008	CAPCC .1UF K X7R 25V	NSM	E
C22413	194366	CAP LYTC 100UF M 16V	NSM	E
C22414	222008	CAPCC .1UF K X7R 25V	NSM	E
C22415	222008	CAPCC .1UF K X7R 25V	NSM	E
C22416	222008	CAPCC .1UF K X7R 25V	NSM	E
C22417	220998	CAP LYTC 1UF M 100V	NSM	E
C22418	195689	CAPCC .01UF K X7R 50V	NSM	E
C11930	227898	CAP LYTC 470UF M 16V	NSM	E
C11931	202011	CAP POLY .1UF J 63V	NSM	E
C22429	222008	CAPCC .1UF K X7R 25V	NSM	E
C22430	222008	CAPCC .1UF K X7R 25V	NSM	E
C22431	222008	CAPCC .1UF K X7R 25V	NSM	E
C22432	222008	CAPCC .1UF K X7R 25V	NSM	E
C22433	222008	CAPCC .1UF K X7R 25V	NSM	E
C38300	216078	CAPCC 1UF Z 16V	NSM	E
C38301	222008	CAPCC .1UF K X7R 25V	NSM	E
C38302	222008	CAPCC .1UF K X7R 25V	NSM	E
C38303	222008	CAPCC .1UF K X7R 25V	NSM	E
C38304	222008	CAPCC .1UF K X7R 25V	NSM	E
C38305	217298	CAPCC 0.22UF Z Y5V 25V	NSM	E
C38307	194366	CAP LYTC 100UF M 16V	NSM	E
C38308	222008	CAPCC .1UF K X7R 25V	NSM	E
C38309	222008	CAPCC .1UF K X7R 25V	NSM	E
C38312	222008	CAPCC .1UF K X7R 25V	NSM	E
C38313	204274	CAPCC 390PF J NPO 50V	NSM	E
C38316	197600	CAPCC 1000PF K X7R 50V	NSM	E
C38317	222008	CAPCC .1UF K X7R 25V	NSM	E
C41125	220998	CAP LYTC 1UF M 100V	NSM	E
C41126	193043	CAP LYTC 47UF M 35V	NSM	E
C41127	195689	CAPCC .01UF K X7R 50V	NSM	E
C41128	193043	CAP LYTC 47UF M 35V	NSM	E
C41275	222008	CAPCC .1UF K X7R 25V	NSM	E
C41276	205551	CAPACITOR	NSM	E
C41278	195689	CAPCC .01UF K X7R 50V	NSM	E
C41279	214073	CAP POLY .01UF K 100V	NSM	E
C41280	214073	CAP POLY .01UF K 100V	NSM	E
R11300	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R11301	192100	RES CMF 1/10W 5% 1K	NSM	E
R11302	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R11303	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R11304	192100	RES CMF 1/10W 5% 1K	NSM	E
R11307	192096	RES CMF 1/10W 5% 2.2K	NSM	E

R11308	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R11309	192100	RES CMF 1/10W 5% 1K	NSM	E
R11310	192100	RES CMF 1/10W 5% 1K	NSM	E
R11313	241259	RESISTOR	NSM	A
R11314	197470	RESISTOR	NSM	E
R11315	192084	RES CMF 1/10W 5% 100K	NSM	E
R11316	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R11411	218508	RES CMF 1/10W 5% 100R	NSM	E
R11412	218508	RES CMF 1/10W 5% 100R	NSM	E
R11413	218508	RES CMF 1/10W 5% 100R	NSM	E
R11414	192100	RES CMF 1/10W 5% 1K	NSM	A
R11415	218508	RES CMF 1/10W 5% 100R	NSM	E
R11416	218508	RES CMF 1/10W 5% 100R	NSM	E
C16506	222008	CAPCC .1UF K X7R 25V	NSM	E
C16507	222008	CAPCC .1UF K X7R 25V	NSM	E
C16508	205227	CAPCC 330PF J NPO 50V	NSM	E
C16509	227017	CAP LYTC 10UF M 16V	NSM	E
C16511	193043	CAP LYTC 47UF M 35V	NSM	E
C16512	227017	CAP LYTC 10UF M 16V	NSM	E
C16513	227017	CAP LYTC 10UF M 16V	NSM	E
C16514	227017	CAP LYTC 10UF M 16V	NSM	E
C16515	215555	CAPCC .01UF M X7R 50V	NSM	E
C16516	197600	CAPCC 1000PF K X7R 50V	NSM	E
C11932	202011	CAP POLY .1UF J 63V	NSM	E
C16517	215555	CAPCC .01UF M X7R 50V	NSM	E
C16518	215555	CAPCC .01UF M X7R 50V	NSM	E
C16520	192049	CAPCC 82PF J NPO 50V	NSM	E
C16521	156239	CAP LYTC 10UF M 63V	NSM	E
C16522	227017	CAP LYTC 10UF M 16V	NSM	E
C16526	194366	CAP LYTC 100UF M 16V	NSM	E
C16527	222008	CAPCC .1UF K X7R 25V	NSM	E
C18100	200537	CAPACITOR	NSM	E
C18101	200537	CAPACITOR	NSM	E
C18135	197604	CAPCC 27PF J NPO 50V	NSM	E
C18137	192057	CAPCC 91PF J NPO 50V	NSM	E
C18139	192049	CAPCC 82PF J NPO 50V	NSM	E
C18140	192049	CAPCC 82PF J NPO 50V	NSM	E
C18142	205551	CAPACITOR	NSM	E
C18144	205227	CAPCC 330PF J NPO 50V	NSM	E
C18145	197600	CAPCC 1000PF K X7R 50V	NSM	E
C18146	222008	CAPCC .1UF K X7R 25V	NSM	E
C18147	197600	CAPCC 1000PF K X7R 50V	NSM	E
C18148	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C18149	214028	CAPCC 18PF J NPO 50V	NSM	E
C18151	193340	CAPCC 100PF J NPO 50V	NSM	E
C18152	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C18153	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C18154	210689	CAPCC 47PF J NPO 50V	NSM	E
C18156	193340	CAPCC 100PF J NPO 50V	NSM	E
C18158	222008	CAPCC .1UF K X7R 25V	NSM	E
C18159	222008	CAPCC .1UF K X7R 25V	NSM	E
C18160	210689	CAPCC 47PF J NPO 50V	NSM	E

C18161	210689	CAPCC 47PF J NPO 50V	NSM	E
C18162	210689	CAPCC 47PF J NPO 50V	NSM	E
C18163	210689	CAPCC 47PF J NPO 50V	NSM	E
C18164	222008	CAPCC .1UF K X7R 25V	NSM	E
C18165	222008	CAPCC .1UF K X7R 25V	NSM	E
C18166	220218	CAPCC .033UF K X7R 50V	NSM	E
C18167	192057	CAPCC 91PF J NPO 50V	NSM	E
C22323	190527	CAP LYTC 2.2UF M 50V	NSM	E
C22324	195689	CAPCC .01UF K X7R 50V	NSM	E
C22325	197607	CAPCC 2200PF K X7R 50V	NSM	E
C22326	217298	CAPCC 0.22UF Z Y5V 25V	NSM	E
C22327	242262	CAPCC 12PF J NPO 50V	NSM	E
C22328	190499	CAP LYTC 4.7UF M 100V	NSM	E
R16340	218508	RES CMF 1/10W 5% 100R	NSM	E
R16342	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R16343	194926	RES CMF 1/10W 2% 470R	NSM	E
R16344	205326	RES CMF 1/10W 2% 56R	NSM	E
R16345	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R16347	192099	RES CMF 1/10W 2% 100R	NSM	E
RN16301	243669	RESISTOR NETWORK	NSM	E
RN16302	243669	RESISTOR NETWORK	NSM	E
RN16303	243669	RESISTOR NETWORK	NSM	E
L16302	243675	COIL, 10UH	NSM	E
L16303	243675	COIL, 10UH	NSM	E
L16304	238094	COIL, 15UH	NSM	E
L16306	238094	COIL, 15UH	NSM	E
L16307	195713	COIL, 47UH	NSM	E
L16308	195713	COIL, 47UH	NSM	E
L16309	195713	COIL, 47UH	NSM	E
L16311	243499	COIL, 12UH	NSM	E
L16312	243499	COIL, 12UH	NSM	E
L16313	243892	COIL, 5.6UH	NSM	E
L16314	243672	COIL, 4.7UH	NSM	E
Q16302	215496	TRANSISTOR	NSM	E
C11953	222008	CAPCC .1UF K X7R 25V	NSM	E
C13101	195689	CAPCC .01UF K X7R 50V	NSM	E
C13102	222008	CAPCC .1UF K X7R 25V	NSM	E
C13103	193340	CAPCC 100PF J NPO 50V	NSM	E
C13104	222008	CAPCC .1UF K X7R 25V	NSM	E
C13105	220998	CAP LYTC 1UF M 100V	NSM	E
C13106	231459	CAPCC 24PF G NPO 50V	NSM	E
C13107	231459	CAPCC 24PF G NPO 50V	NSM	E
C13111	181460	CAPCC 1000PF K X7R 50V	NSM	E
C13113	222008	CAPCC .1UF K X7R 25V	NSM	E
C13114	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13115	195689	CAPCC .01UF K X7R 50V	NSM	E
C13116	195689	CAPCC .01UF K X7R 50V	NSM	E
C13117	222008	CAPCC .1UF K X7R 25V	NSM	E
C13118	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13119	222008	CAPCC .1UF K X7R 25V	NSM	E
C13120	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13121	197600	CAPCC 1000PF K X7R 50V	NSM	E

C13125	195689	CAPCC .01UF K X7R 50V	NSM	E
C13126	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13128	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13130	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13131	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13132	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13133	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13134	156239	CAP LYTC 10UF M 63V	NSM	E
C16500	156239	CAP LYTC 10UF M 63V	NSM	E
C16501	156239	CAP LYTC 10UF M 63V	NSM	E
C16502	156239	CAP LYTC 10UF M 63V	NSM	E
C16503	156239	CAP LYTC 10UF M 63V	NSM	E
C16504	156239	CAP LYTC 10UF M 63V	NSM	E
R16346	194926	RES CMF 1/10W 2% 470R	NSM	E
RN16304	243669	RESISTOR NETWORK	NSM	E
L16305	195713	COIL, 47UH	NSM	E
L16310	235445	COIL, 10UH	NSM	E
Q16301	215495	TRANSISTOR	NSM	E
U16302	248542	IC	NSM	E
Y16301	227894	CRYSTAL, 20MHZ	NSM	E
FB16301	215546	BEAD	NSM	E
FB16303	215546	BEAD	NSM	E
FB16304	215546	BEAD	NSM	E
FB16305	215546	BEAD	NSM	E
JC16301	205408	RES CMF 1/10W 0% 0R	NSM	E
JC16303	205408	RES CMF 1/10W 0% 0R	NSM	E
JC16304	205408	RES CMF 1/10W 0% 0R	NSM	E
JC16305	205408	RES CMF 1/10W 0% 0R	NSM	E
COVER	248543	COVER, TOP & BOTTOM	NSM	N
J16301	242896	CONNECTOR, 10-PIN	NSM	E
SHIELD	249483	SHIELD, WRAP	NSM	N
C16301	220998	CAP LYTC 1UF M 100V	NSM	E
C16302	200537	CAPCC 10PF J NPO 50V	NSM	E
C16304	194903	CAPCC 22PF J NPO 50V	NSM	E
C16305	194903	CAPCC 22PF J NPO 50V	NSM	E
C16332	192049	CAPCC 82PF J NPO 50V	NSM	E
C16333	222008	CAPCC .1UF K X7R 25V	NSM	E
C16334	182466	CAP LYTC 330UF M 6.3V	NSM	E
C16335	222008	CAPCC .1UF K X7R 25V	NSM	E
C16336	182466	CAP LYTC 330UF M 6.3V	NSM	E
C16337	222008	CAPCC .1UF K X7R 25V	NSM	E
C16338	182466	CAP LYTC 330UF M 6.3V	NSM	E
C16339	222008	CAPCC .1UF K X7R 25V	NSM	E
C16340	189979	CAP LYTC 47UF M 25V	NSM	E
C16341	222008	CAPCC .1UF K X7R 25V	NSM	E
C16342	222008	CAPCC .1UF K X7R 25V	NSM	E
C16343	192049	CAPCC 82PF J NPO 50V	NSM	E
C16344	222008	CAPCC .1UF K X7R 25V	NSM	E
C16345	222008	CAPCC .1UF K X7R 25V	NSM	E
C16346	222008	CAPCC .1UF K X7R 25V	NSM	E
C16347	200537	CAPCC 10PF J NPO 50V	NSM	E
C16348	194902	CAPCC 120PF J NPO 50V	NSM	E

C16349	214032	CAPCC 150PF J NPO 50V	NSM	E
C16350	197600	CAPCC 1000PF K X7R 50V	NSM	E
C16351	220998	CAP LYTC 1UF M 100V	NSM	E
C16352	222008	CAPCC .1UF K X7R 25V	NSM	E
C16353	214032	CAPCC 150PF J NPO 50V	NSM	E
R16301	218508	RES CMF 1/10W 5% 100R	NSM	E
R16302	202585	RES CMF 1/10W 2% 510R	NSM	E
R16303	205337	RES CMF 1/10W 2% 360R	NSM	E
R16333	202069	RES CF 1/4W 5% 1K	NSM	E
R16334	202585	RES CMF 1/10W 2% 510R	NSM	E
R16336	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R16338	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R24812	223786	RES CMF 1/10W 1% 3.32K	NSM	E
R24813	220568	RES CF 1/4W 5% 10R	NSM	A
R24814	175324	RES CF 1/4W 2% 220R	NSM	E
R24815	231428	RESISTOR	NSM	E
L14302	242889	COIL, 15UH	NSM	E
L14550	243954	COIL	NSM	E
Q14300	232218	TRANSISTOR	NSM	E
Q14301	177788	TRANSISTOR	NSM	E
Q14302	243955	TRANSISTOR	NSM	A
Q14303	232218	TRANSISTOR	NSM	E
Q14304	215496	TRANSISTOR	NSM	E
Q14450	229220	TRANSISTOR	NSM	E
Q14540	215496	TRANSISTOR	NSM	E
Q14541	215496	TRANSISTOR	NSM	E
Q14550	215495	TRANSISTOR	NSM	E
Q14551	215496	TRANSISTOR	NSM	E
Q24100	215495	TRANSISTOR	NSM	E
Q24101	215495	TRANSISTOR	NSM	E
Q24102	215495	TRANSISTOR	NSM	E
Q24103	215496	TRANSISTOR	NSM	E
Q24105	215495	TRANSISTOR	NSM	E
CR14301	139706	DIODE	NSM	E
R11317	192100	RES CMF 1/10W 5% 1K	NSM	E
R11318	197470	RESISTOR	NSM	E
R11319	195937	RES CMF 1/10W 5% 10K	NSM	E
R11320	195937	RES CMF 1/10W 5% 10K	NSM	E
R11321	197470	RESISTOR	NSM	E
R11322	195937	RES CMF 1/10W 5% 10K	NSM	E
R11323	195937	RES CMF 1/10W 5% 10K	NSM	E
R11327	243967	RESISTOR	NSM	E
R11328	243967	RESISTOR	NSM	E
R11329	243967	RESISTOR	NSM	E
R11330	243967	RESISTOR	NSM	E
R11333	197640	RES CMF 1/10W 5% 150K	NSM	E
R11334	197640	RES CMF 1/10W 5% 150K	NSM	E
R11335	197470	RESISTOR	NSM	E
R11336	197904	RES CMF 1/10W 2% 20K	NSM	E
R11400	197639	RES CMF 1/10W 5% 3.6K	NSM	E
C22329	222008	CAPCC .1UF K X7R 25V	NSM	E
R11401	197639	RES CMF 1/10W 5% 3.6K	NSM	E

R11402	194917	RES CMF 1/10W 2% 3K	NSM	E
R11403	194917	RES CMF 1/10W 2% 3K	NSM	E
R11404	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R11405	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R11406	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R11407	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R11408	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R11409	192100	RES CMF 1/10W 5% 1K	NSM	E
R11410	218508	RES CMF 1/10W 5% 100R	NSM	E
C18102	214028	CAPCC 18PF J NPO 50V	NSM	E
C18103	194902	CAPACITOR	NSM	E
C18104	192049	CAPCC 82PF J NPO 50V	NSM	E
C18105	214032	CAPACITOR	NSM	E
C18106	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C18107	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C18108	222008	CAPCC .1UF K X7R 25V	NSM	E
C18109	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C18110	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C18111	197600	CAPCC 1000PF K X7R 50V	NSM	E
C18112	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C18113	197600	CAPCC 1000PF K X7R 50V	NSM	E
C18114	217298	CAPCC 0.22UF Z Y5V 25V	NSM	E
C18122	222008	CAPCC .1UF K X7R 25V	NSM	E
C18123	193340	CAPCC 100PF J NPO 50V	NSM	E
C18124	222008	CAPCC .1UF K X7R 25V	NSM	E
C18125	193340	CAPCC 100PF J NPO 50V	NSM	E
C18126	222008	CAPCC .1UF K X7R 25V	NSM	E
C18127	222008	CAPCC .1UF K X7R 25V	NSM	E
C18128	222008	CAPCC .1UF K X7R 25V	NSM	E
C18129	222008	CAPCC .1UF K X7R 25V	NSM	E
C18130	222008	CAPCC .1UF K X7R 25V	NSM	E
C18131	194366	CAP LYTC 100UF M 16V	NSM	E
C18132	222008	CAPCC .1UF K X7R 25V	NSM	E
C18133	194366	CAP LYTC 100UF M 16V	NSM	E
C18134	222008	CAPCC .1UF K X7R 25V	NSM	E
C18168	194366	CAP LYTC 100UF M 16V	NSM	E
C18170	222008	CAPCC .1UF K X7R 25V	NSM	E
C18171	222008	CAPCC .1UF K X7R 25V	NSM	E
C18172	222008	CAPCC .1UF K X7R 25V	NSM	E
C18173	193340	CAPCC 100PF J NPO 50V	NSM	E
C22300	195691	CAPACITOR	NSM	E
C22301	195691	CAPACITOR	NSM	E
C22302	194366	CAP LYTC 100UF M 16V	NSM	E
C22303	222008	CAPCC .1UF K X7R 25V	NSM	E
C22304	222008	CAPCC .1UF K X7R 25V	NSM	E
C22305	222008	CAPCC .1UF K X7R 25V	NSM	E
C22306	195691	CAPACITOR	NSM	E
C22307	195691	CAPACITOR	NSM	E
C22308	195691	CAPACITOR	NSM	E
C22309	195691	CAPACITOR	NSM	E
C22310	195691	CAPACITOR	NSM	E
C22311	190499	CAP LYTC 4.7UF M 100V	NSM	E

C16505	156239	CAP LYTC 10UF M 63V	NSM	E
C22312	222008	CAPCC .1UF K X7R 25V	NSM	E
C22313	222008	CAPCC .1UF K X7R 25V	NSM	E
C22314	222008	CAPCC .1UF K X7R 25V	NSM	E
C22315	222008	CAPCC .1UF K X7R 25V	NSM	E
C22316	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C22317	214756	CAP LYTC 15UF M 63V	NSM	E
C22319	227898	CAP LYTIC 470UF M 16V	NSM	E
C22320	217298	CAPCC 0.22UF Z Y5V 25V	NSM	E
C22322	197601	CAPCC .022UF K X7R 50V	NSM	E
Q16303	215495	TRANSISTOR	NSM	E
Q16304	215496	TRANSISTOR	NSM	E
Q16306	215495	TRANSISTOR	NSM	E
Q16307	215496	TRANSISTOR	NSM	E
Q16308	215495	TRANSISTOR	NSM	E
Q16309	215496	TRANSISTOR	NSM	E
Q16311	215496	TRANSISTOR	NSM	E
Q16312	215496	TRANSISTOR	NSM	E
Q16313	215495	TRANSISTOR	NSM	E
Q16314	215495	TRANSISTOR	NSM	E
CR16302	236654	DIODE, LED(RED)	NSM	E
U16301	248541	IC	NSM	E
C11933	181840	CAPACITOR	NSM	E
C11934	181840	CAPACITOR	NSM	E
C11935	190552	CAPCC .1UF K X7R 50V	NSM	E
C11936	216078	CAPCC 1UF Z 16V	NSM	E
C11937	216078	CAPCC 1UF Z 16V	NSM	E
C11938	190552	CAPCC .1UF K X7R 50V	NSM	E
C11939	193340	CAPCC 100PF J NPO 50V	NSM	E
C11940	193043	CAP LYTC 47UF M 35V	NSM	E
C11941	156239	CAP LYTC 10UF M 63V	NSM	E
C11943	222008	CAPCC .1UF K X7R 25V	NSM	E
C11944	193340	CAPCC 100PF J NPO 50V	NSM	E
C11947	175119	CAP LYTC 1000UF M 35V	NSM	E
C11948	193340	CAPCC 100PF J NPO 50V	NSM	E
C11950	206401	CAPCC .39UF Z Y5V 25V	NSM	E
C11951	206401	CAPCC .39UF Z Y5V 25V	NSM	E
C11952	222008	CAPCC .1UF K X7R 25V	NSM	E
C13138	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13144	193579	CAP LYTC 220UF M 10V	NSM	E
C13147	193340	CAPCC 100PF J NPO 50V	NSM	E
C13163	222008	CAPCC .1UF K X7R 25V	NSM	E
C13166	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13167	193340	CAPCC 100PF J NPO 50V	NSM	E
C13168	205551	CAPACITOR	NSM	E
C13169	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13170	193340	CAPCC 100PF J NPO 50V	NSM	E
C13171	193340	CAPCC 100PF J NPO 50V	NSM	E
C13172	222008	CAPCC .1UF K X7R 25V	NSM	E
C13208	214028	CAPCC 18PF J NPO 50V	NSM	E
C13209	214028	CAPCC 18PF J NPO 50V	NSM	E
C13210	214028	CAPCC 18PF J NPO 50V	NSM	E

C13211	193339	CAPCC 68PF J NPO 50V	NSM	E
C13212	193339	CAPCC 68PF J NPO 50V	NSM	E
C13213	193339	CAPCC 68PF J NPO 50V	NSM	E
C13214	193917	CAPCC 5PF C NPO 50V	NSM	E
C13215	214028	CAPCC 18PF J NPO 50V	NSM	E
C13219	195689	CAPCC .01UF K X7R 50V	NSM	E
C13227	222008	CAPCC .1UF K X7R 25V	NSM	E
R16339	192097	RES CMF 1/10W 2% 4.7K	NSM	E
C13301	197607	CAPCC 2200PF K X7R 50V	NSM	E
C13302	197607	CAPCC 2200PF K X7R 50V	NSM	E
C13307	197600	CAPCC 1000PF K X7R 50V	NSM	E
C13312	193340	CAPCC 100PF J NPO 50V	NSM	E
C16306	222008	CAPCC .1UF K X7R 25V	NSM	E
C16308	222008	CAPCC .1UF K X7R 25V	NSM	E
C16309	200537	CAPCC 10PF J NPO 50V	NSM	E
C16310	197604	CAPCC 27PF J NPO 50V	NSM	E
C16311	192049	CAPCC 82PF J NPO 50V	NSM	E
C16313	197604	CAPCC 27PF J NPO 50V	NSM	E
C16314	192057	CAPCC 91PF J NPO 50V	NSM	E
C16315	222008	CAPCC .1UF K X7R 25V	NSM	E
C16316	214032	CAPCC 150PF J NPO 50V	NSM	E
C16317	195689	CAPCC .01UF K X7R 50V	NSM	E
C16318	156239	CAP LYTC 10UF M 63V	NSM	E
C16319	222008	CAPCC .1UF K X7R 25V	NSM	E
C16320	222008	CAPCC .1UF K X7R 25V	NSM	E
C16321	222008	CAPCC .1UF K X7R 25V	NSM	E
C16322	222008	CAPCC .1UF K X7R 25V	NSM	E
C16323	222008	CAPCC .1UF K X7R 25V	NSM	E
C16324	214728	CAP LYTC 100UF M 10V	NSM	E
C16325	222008	CAPCC .1UF K X7R 25V	NSM	E
C16326	214028	CAPCC 18PF J NPO 50V	NSM	E
C16327	222008	CAPCC .1UF K X7R 25V	NSM	E
CIRCUIT	248523	CIRCUIT, FRAME COMB	NSM	E
C16328	222008	CAPCC .1UF K X7R 25V	NSM	E
C16329	222008	CAPCC .1UF K X7R 25V	NSM	E
C16330	182466	CAP LYTC 330UF M 6.3V	NSM	E
C16331	222008	CAPCC .1UF K X7R 25V	NSM	E
R16304	205337	RES CMF 1/10W 2% 360R	NSM	E
R16305	194926	RES CMF 1/10W 2% 470R	NSM	E
R16306	218508	RES CMF 1/10W 5% 100R	NSM	E
R16307	218508	RES CMF 1/10W 5% 100R	NSM	E
R16308	194926	RES CMF 1/10W 2% 470R	NSM	E
R16309	194926	RES CMF 1/10W 2% 470R	NSM	E
R16310	195929	RES CMF 1/10W 2% 330R	NSM	E
R16311	194926	RES CMF 1/10W 2% 470R	NSM	E
R16312	192100	RES CMF 1/10W 5% 1K	NSM	E
R16313	194926	RES CMF 1/10W 2% 470R	NSM	E
R16314	192084	RES CMF 1/10W 5% 100K	NSM	E
R16316	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R16317	192084	RES CMF 1/10W 5% 100K	NSM	E
R16318	192100	RES CMF 1/10W 5% 1K	NSM	E
R16319	218508	RES CMF 1/10W 5% 100R	NSM	E

R16320	205308	RES CMF 1/10W 5% 10R	NSM	E
R16321	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R16322	192089	RES CMF 1/10W 2% 220R	NSM	E
R16323	205308	RES CMF 1/10W 5% 10R	NSM	E
R16341	218508	RES CMF 1/10W 5% 100R	NSM	E
R16325	205364	RES CMF 1/10W 2% 47K	NSM	E
R16326	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R16327	192100	RES CMF 1/10W 5% 1K	NSM	E
R16328	194926	RES CMF 1/10W 2% 470R	NSM	E
R16332	205338	RES CMF 1/10W 2% 560R	NSM	E
CR14350	198602	DIODE, ZENER 5.1V .5W	NSM	E
CR14541	227051	DIODE	NSM	E
CR14550	198602	DIODE, ZENER 5.1V .5W	NSM	E
CABLE	257042	CABLE ASSY, J14103/DM1-PS	NSM	A
BARRIER	253645	BARRIER, BOTTOM	NSM	Z
BASE	243541	BASE MOUNTING	NSM	E
BRACKET	245520	BRACKET, DEFLECTION SIP	NSM	E
BRACKET	250906	BRACKET, FAN SUPPORT	NSM	E
CABLE	257018	CABLE ASSY, P22403/P22903	NSM	E
CABLE	257019	CABLE ASSY, P22901/P22402	NSM	E
CABLE	257017	CABLE ASSY, P22905/P11402	NSM	E
CABLE	257016	CABLE ASSY, P22907/P16511	NSM	E
CABLE	250905	CABLE ASY, P14405/P15103	NSM	A
CABLE	250858	CABLE ASY, P14601/P27903	NSM	A
CABLE	251449	CABLE ASY, P16500/P16301	NSM	E
CABLE	248024	CABLE ASY, YOKE INTERCONNECT	NSM	E
CABLE	248026	CABLE ASY,KINE SHROUD GND	NSM	E
CABLE	245513	CABLE ASY,P13107/P27902	NSM	A
CABLE	245507	CABLE ASY,P14101/P41276	NSM	A
CABLE	245515	CABLE ASY,P14403/P24352	NSM	E
CABLE	248025	CABLE ASY,P15102/P22325	NSM	E
CABLE	245512	CABLE ASY,P16507/P27901	NSM	A
J14402	245514	CABLE JUMPER,J14402/J38301	NSM	E
CABLE	253539	CABLE, P14601/P24903	NSM	A
CABLE	253536	CABLE, P14602/P24907	NSM	A
CABLE	253540	CABLE, P14603/P24905	NSM	A
CLIP	253484	CLIP, FLAT CABLE(HINGED)	NSM	E
CLIP	250861	CLIP, RIBBON CABLE SUPPORT	NSM	E
CORE	245493	CORE FERRITE	NSM	E
FAN	244019	FAN ASY DM1	NSM	E
FAN	244028	FAN, CHASSIS COOLING	NSM	A
GROMMET	245526	GROMMET, SCREW ENCLOSING	NSM	E
PANEL	250862	PANEL, REAR JACK	NSM	A
OVERLAY	250855	OVERLAY, JACK PANEL	NSM	A
WIRE TIE	139301	RETAINER, BEAD CHAIN	NSM	E
SCREW	243882	SCREW 8-18 HWH, .375LG	NSM	N
SCREW	253479	SCREW, #10-16 .5" HEXHD	NSM	N
SCREW	253482	SCREW, #10-16 .625" HWHD	NSM	N
SCREW	205509	SCREW, #10-16 X .5 HL	NSM	E
SCREW	253483	SCREW, #4-16 .5" PANHD	NSM	N
SCREW	233963	SCREW, 4-24 X .312	NSM	E
SHIELD	245521	SHIELD, KINE DRIVER WRAP	NSM	Z

SUPPORT	245519	SUPPORT, KINE SOCKET	NSM	E
TRAY	253477	TRAY, CHASSIS POWER SUPPLY	NSM	A
WIRE TIE	243886	WIRE TIE, TWIST END 1"	NSM	E
WIRE TIE	215867	WIRE TIE, TWIST END 3/16"	NSM	E
CIRCUIT	250847	CIRCUIT, FRONT PANEL	NSM	A
J13401	242896	CONNECTOR, 10-PIN	NSM	E
C13401	214073	CAP POLY .01UF K 100V	NSM	E
C13402	237535	CAP LYTC 22UF M 10V	NSM	E
R13401	210245	RES CF 1/4W 5% 100R	NSM	E
R13402	202069	RES CF 1/4W 5% 1K	NSM	E
R13403	210245	RES CF 1/4W 5% 100R	NSM	E
IR13401	245282	IC IR RECEIVER	NSM	E
SW13410	240098	SWITCH, W/GREEN LED	NSM	E
R16329	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R16337	195929	RES CMF 1/10W 2% 330R	NSM	E
C14539	227360	CAPCC 8.2PF D NP0 50V	NSM	E
C14540	195689	CAPCC .01UF K X7R 50V	NSM	E
C14541	195689	CAPCC .01UF K X7R 50V	NSM	E
C14542	222008	CAPCC .1UF K X7R 25V	NSM	E
C14556	224275	CAP POLY 4700PF J 100V	NSM	E
C14557	222008	CAPCC .1UF K X7R 25V	NSM	E
C14558	194911	CAPCC 33PF J 50V	NSM	E
C14559	205230	CAPACITOR	NSM	E
C14830	222008	CAPCC .1UF K X7R 25V	NSM	E
C14831	222008	CAPCC .1UF K X7R 25V	NSM	E
C24100	222008	CAPCC .1UF K X7R 25V	NSM	E
C24101	195689	CAPCC .01UF K X7R 50V	NSM	E
C24102	197609	CAPCC 1500PF K X7R 50V	NSM	E
C24103	195689	CAPCC .01UF K X7R 50V	NSM	E
C24104	195689	CAPCC .01UF K X7R 50V	NSM	E
C24801	222008	CAPCC .1UF K X7R 25V	NSM	E
C24802	214698	CAP LYTC 10UF M 63V	NSM	E
C24803	220150	CAPCC 20PF J NPO 50V	NSM	E
C24804	194903	CAPCC 22PF J NPO 50V	NSM	E
C24805	195689	CAPCC .01UF K X7R 50V	NSM	E
R14300	206301	RES CMF 1/10W 5% 15K	NSM	E
R14301	181080	RES CMF 1/8W 5% 3.3K	NSM	E
R14366	192100	RES CMF 1/10W 5% 1K	NSM	E
R14367	176631	RES CF 1/4W 5% 1.3K	NSM	E
R14368	192100	RES CMF 1/10W 5% 1K	NSM	E
R14369	194926	RES CMF 1/10W 5% 470R	NSM	E
R14370	200169	RES CMF 1/10W 5% 12K	NSM	E
R14380	192100	RES CMF 1/10W 5% 1K	NSM	E
R14536	202069	RES CF 1/4W 5% 1K	NSM	E
R14537	176631	RES CF 1/4W 5% 1.3K	NSM	E
R14538	197476	RES CMF 1/10W 5% 1.6K	NSM	E
R14540	206381	RES CMF 1/8W 5% 100K	NSM	E
R14564	205308	RES CMF 1/10W 5% 10R	NSM	E
R14565	175758	RES CF 1/4W 5% 1.8K	NSM	E
R14567	175567	RES CF 1/4W 5% 360R	NSM	E
R14830	190462	RESISTOR	NSM	E
R14850	176818	RES CMF 1/8W 5% 100R	NSM	E

R14851	206261	RES CMF 1/8W 5% 10K	NSM	E
R14852	206261	RES CMF 1/8W 5% 10K	NSM	E
R14853	206261	RES CMF 1/8W 5% 10K	NSM	E
R14854	220568	RES CF 1/4W 5% 10R	NSM	E
R14855	220568	RES CF 1/4W 5% 10R	NSM	E
R14856	210244	RES CMF 1/8W 5% 5.6K	NSM	E
R24100	175324	RES CF 1/4W 2% 220R	NSM	E
R24102	195937	RES CMF 1/10W 5% 10K	NSM	E
R24103	195937	RES CMF 1/10W 5% 10K	NSM	E
U26101	243511	IC	NSM	E
J26104	243610	JACK, PHONO: 3-POSITION	NSM	E
C26101	220998	CAP LYTC 1UF M 100V	NSM	E
C26102	220998	CAP LYTC 1UF M 100V	NSM	E
C26103	156239	CAP LYTC 10UF M 63V	NSM	E
C26105	222008	CAPCC .1UF K X7R 25V	NSM	E
C26106	156239	CAP LYTC 10UF M 63V	NSM	E
C26107	156239	CAP LYTC 10UF M 63V	NSM	E
C26111	222008	CAPCC .1UF K X7R 25V	NSM	E
R26101	243992	RES CMF 1/2W 5% 10K	NSM	E
R26103	243992	RES CMF 1/2W 5% 10K	NSM	E
R26104	192084	RES CMF 1/10W 5% 100K	NSM	E
R26105	243973	RES CMF 1/2W 5% 68R	NSM	E
R26108	195937	RES CMF 1/10W 5% 10K	NSM	E
R26109	205349	RES CMF 1/10W 2% 8.2K	NSM	E
R26110	200174	RES CMF 1/10W 5% 200K	NSM	E
R26111	206275	RES CMF 1/8W 5% 220R	NSM	E
R26113	243968	RES CMF 1/2W 5% 82R	NSM	E
R26114	195937	RES CMF 1/10W 5% 10K	NSM	E
R26115	195937	RES CMF 1/10W 5% 10K	NSM	E
R26117	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R26118	195937	RES CMF 1/10W 5% 10K	NSM	E
R26119	195937	RES CMF 1/10W 5% 10K	NSM	E
R26121	218508	RES CMF 1/10W 5% 100R	NSM	E
R14549	195937	RES CMF 1/10W 5% 10K	NSM	E
R14550	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R14551	250915	RESISTOR	NSM	E
R14555	194920	RES CMF 1/10W 2% 1.2K	NSM	E
R14556	197471	RES CMF 1/10W 5% 68K	NSM	E
R14557	205347	RES CMF 1/10W 2% 6.2K	NSM	E
R14558	194916	RES CMF 1/10W 2% 6.8K	NSM	E
R14559	197639	RES CMF 1/10W 5% 3.6K	NSM	E
R14560	197476	RES CMF 1/10W 5% 1.6K	NSM	E
R14561	195937	RES CMF 1/10W 5% 10K	NSM	E
R14562	195937	RES CMF 1/10W 5% 10K	NSM	E
CR24100	139706	DIODE	NSM	E
CR24101	139706	DIODE	NSM	E
U14350	243956	IC	NSM	E
U14351	243957	IC	NSM	E
U14352	243958	IC	NSM	E
U14354	250721	IC, EEPROM	NSM	E
U14355	242892	IC, +8V REGULATOR	NSM	E
U14356	236657	IC	NSM	E

U24800	204290	IC	NSM	E
U24801	231525	IC REGULATOR	NSM	E
P14406	243960	CONNECTOR, 20-PIN	NSM	E
JC14301	205408	RES CMF 1/10W 0% 0R	NSM	E
JC14302	205408	RES CMF 1/10W 0% 0R	NSM	E
COVER	243961	COVER, COIL	NSM	N
SOCKET	243935	SOCKET, IC: 8-PIN	NSM	E
CR17113	233085	DIODE	NSM	E
CR17114	215492	DIODE	NSM	E
CR17301	215492	DIODE	NSM	E
CR17302	215494	7 MATCHED DIODE	NSM	E
CR17303	215493	DIODE	NSM	E
CR17304	215492	DIODE	NSM	E
CR27901	227051	DIODE	NSM	E
U17301	231528	IC, MIXER/OSCILLATOR	NSM	E
U17401	231529	IC, TUNER PLL	NSM	E
U27901	236645	IC	NSM	E
U27902	204290	IC	NSM	E
U27903	245528	IC, EEPROM	NSM	E
U27904	227341	IC	NSM	E
U27905	236646	IC	NSM	E
Y17401	230708	CRYSTAL, 4MHZ	NSM	E
CF27901	181125	FILTER CERAMIC 4.5MHZ	NSM	E
SF27901	217318	FILTER,SURFACE ACOUSTICAL WAVE	NSM	E
FB27901	215547	BEAD	NSM	E
JC17701	181161	RES CMF 1/8W 0% 0R	NSM	E
JC17702	181161	RES CMF 1/8W 0% 0R	NSM	E
JC17703	205408	RES CMF 1/10W 0% 0R	NSM	E
JC17704	205408	RES CMF 1/10W 0% 0R	NSM	E
JC17705	205408	RES CMF 1/10W 0% 0R	NSM	E
JC17706	181161	RES CMF 1/8W 0% 0R	NSM	E
JC17707	181161	RES CMF 1/8W 0% 0R	NSM	E
JC17708	181161	RES CMF 1/8W 0% 0R	NSM	E
R17108	195937	RES CMF 1/10W 5% 10K	NSM	E
R17109	195937	RES CMF 1/10W 5% 10K	NSM	E
R17110	192084	RES CMF 1/10W 5% 100K	NSM	E
R17111	195937	RES CMF 1/10W 5% 10K	NSM	E
R17112	178196	RES CMF 1/8W 5% 1.2K	NSM	E
R17113	197633	RESISTOR	NSM	E
R17114	197633	RESISTOR	NSM	E
R17115	192084	RES CMF 1/10W 5% 100K	NSM	E
R17119	192084	RES CMF 1/10W 5% 100K	NSM	E
R17122	192084	RES CMF 1/10W 5% 100K	NSM	E
R17123	215213	RESISTOR	NSM	E
R17124	195937	RES CMF 1/10W 5% 10K	NSM	E
R17125	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R17127	205308	RES CMF 1/10W 5% 10R	NSM	E
R17128	192084	RES CMF 1/10W 5% 100K	NSM	E
R17129	195937	RES CMF 1/10W 5% 10K	NSM	E
R17130	175322	RES CF 1/4W 5% 47K	NSM	E
R17132	205308	RES CMF 1/10W 5% 10R	NSM	E
R17136	192084	RES CMF 1/10W 5% 100K	NSM	E

R17138	206297	RES CMF 1/10W 5% 1.8K	NSM	E
R17141	218508	RES CMF 1/10W 5% 100R	NSM	E
R17142	176818	RES CMF 1/8W 5% 100R	NSM	E
R17145	195937	RES CMF 1/10W 5% 10K	NSM	E
C27928	189979	CAP LYTC 47UF M 25V	NSM	E
C27929	193043	CAP LYTC 47UF M 50V	NSM	E
C27911	220998	CAP LYTC 1UF M 100V	NSM	E
C27912	161997	CAPCC .1UF Z Y5V 50V	NSM	E
C27913	205551	CAPACITOR	NSM	E
C27914	202908	CAPCC 3900PF K X7R 50V	NSM	E
C27915	227413	CAPP 0.15UF Z Y5V 50V	NSM	E
C27916	227413	CAPP 0.15UF Z Y5V 50V	NSM	E
C27917	189979	CAP LYTC 47UF M 25V	NSM	E
C27918	220132	CAPCC .33UF Z Y5V 25V	NSM	E
C27920	195689	CAPCC .01UF K X7R 50V	NSM	E
C27921	200537	CAPACITOR	NSM	E
C27922	200537	CAPACITOR	NSM	E
C27923	195689	CAPCC .01UF K X7R 50V	NSM	E
C27924	227413	CAPP 0.15UF Z Y5V 50V	NSM	E
C27926	220132	CAPCC .33UF Z Y5V 25V	NSM	E
R17147	205411	RES WW 3W 5% 4.7R	NSM	E
R17148	192084	RES CMF 1/10W 5% 100K	NSM	E
R17149	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R17150	192084	RES CMF 1/10W 5% 100K	NSM	E
R17151	195937	RES CMF 1/10W 5% 10K	NSM	E
R17301	175307	RES CF 1/4W 5% 510R	NSM	E
R17302	197633	RESISTOR	NSM	E
R17303	192098	RES CMF 1/10W 5% 47R	NSM	E
R17306	194926	RES CMF 1/10W 5% 470R	NSM	E
R17307	192100	RES CMF 1/10W 5% 1K	NSM	E
R17308	205314	RES CMF 1/10W 5% 18R	NSM	E
SW13411	245531	SWITCH	NSM	E
SW13420	245531	SWITCH	NSM	E
SW13421	245531	SWITCH	NSM	E
SW13430	245531	SWITCH	NSM	E
SW13431	245531	SWITCH	NSM	E
SW13440	245531	SWITCH	NSM	E
SW13441	245531	SWITCH	NSM	E
Q16310	215496	TRANSISTOR	NSM	E
CR16301	232709	DIODE	NSM	E
Q16305	215496	TRANSISTOR	NSM	E
FB16302	226467	BEAD	NSM	E
JC16302	205408	RES CMF 1/10W 0% 0R	NSM	E
R24811	243995	RESISTOR	NSM	E
C16303	222008	CAPCC .1UF K X7R 25V	NSM	E
C16307	222008	CAPCC .1UF K X7R 25V	NSM	E
C16312	192057	CAPCC 91PF J NPO 50V	NSM	E
R16324	246465	RES CMF 1/10W 5% 220K	NSM	E
R14302	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R14303	192086	RES CMF 1/10W 5% 150R	NSM	E
R14305	243993	RESISTOR	NSM	A
R14306	195937	RES CMF 1/10W 5% 10K	NSM	E

R14307	195937	RES CMF 1/10W 5% 10K	NSM	E
R14308	243994	RESISTOR	NSM	E
R14309	202069	RES CF 1/4W 5% 1K	NSM	E
R14311	192070	RES CMF 1/10W 5% 22K	NSM	E
R14312	193344	RES CMF 1/10W 5% 33K	NSM	E
R14313	206301	RES CMF 1/10W 5% 15K	NSM	E
R14314	192100	RES CMF 1/10W 5% 1K	NSM	E
R14319	211857	RES CF 1/4W 5% 15R	NSM	E
R14350	192096	RES CMF 1/10W 5% 2.2K	NSM	E
R14351	192077	RES CMF 1/10W 5% 3.3K	NSM	E
R14353	205341	RES CMF 1/10W 2% 2K	NSM	E
R14354	205356	RES CMF 1/10W 2% 18K	NSM	E
R14355	220568	RES CF 1/4W 5% 10R	NSM	A
R14358	205308	RES CMF 1/10W 5% 10R	NSM	E
R14359	192100	RES CMF 1/10W 5% 1K	NSM	E
R14360	195937	RES CMF 1/10W 5% 10K	NSM	E
R14361	192089	RES CMF 1/10W 2% 220R	NSM	E
R14362	249481	RESISTOR	NSM	E
R14363	192100	RES CMF 1/10W 5% 1K	NSM	E
R14365	192100	RES CMF 1/10W 5% 1K	NSM	E
R24104	197471	RES CMF 1/10W 5% 68K	NSM	E
R24105	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R24106	207835	RES CMF 1/10W 5% 180K	NSM	E
R24107	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R24109	206380	RES CMF 1/8W 5% 4.7K	NSM	E
R24111	206261	RES CMF 1/8W 5% 10K	NSM	E
R24112	192084	RES CMF 1/10W 5% 100K	NSM	E
R24113	218508	RES CMF 1/10W 5% 100R	NSM	E
R24114	195937	RES CMF 1/10W 5% 10K	NSM	E
R24115	192100	RES CMF 1/10W 5% 1K	NSM	E
R24117	192070	RES CMF 1/10W 5% 22K	NSM	E
R24118	205364	RES CMF 1/10W 2% 47K	NSM	E
R24119	192070	RES CMF 1/10W 5% 22K	NSM	E
R24800	218508	RES CMF 1/10W 5% 100R	NSM	E
R24801	218508	RES CMF 1/10W 5% 100R	NSM	E
R24802	192100	RES CMF 1/10W 5% 1K	NSM	E
R24803	192100	RES CMF 1/10W 5% 1K	NSM	E
R24804	205387	RES CMF 1/10W 5% 820K	NSM	E
R24805	192100	RES CMF 1/10W 5% 1K	NSM	E
R24806	192084	RES CMF 1/10W 5% 100K	NSM	E
R24807	192100	RES CMF 1/10W 5% 1K	NSM	E
R24809	192100	RES CMF 1/10W 5% 1K	NSM	E
R24810	192100	RES CMF 1/10W 5% 1K	NSM	E
C14538	214032	CAPACITOR	NSM	E
R26122	218508	RES CMF 1/10W 5% 100R	NSM	E
R26123	218508	RES CMF 1/10W 5% 100R	NSM	E
R26125	195937	RES CMF 1/10W 5% 10K	NSM	E
R26126	220568	RES CF 1/4W 5% 10R	NSM	A
R26127	192084	RES CMF 1/10W 5% 100K	NSM	E
R26130	195937	RES CMF 1/10W 5% 10K	NSM	E
R26131	195937	RES CMF 1/10W 5% 10K	NSM	E
R26132	194917	RES CMF 1/10W 2% 3K	NSM	E

R26133	192099	RES CMF 1/10W 2% 100R	NSM	E
Q26101	215495	TRANSISTOR	NSM	E
Q26102	215496	TRANSISTOR	NSM	E
Q26103	215495	TRANSISTOR	NSM	E
J26101	242851	CONNECTOR, 12-PIN	NSM	A
J26102	243925	CONNECTOR, 10-PIN	NSM	E
J26103	243951	CONNECTOR, USB: 8-PIN	NSM	E
J26105	243953	JACK, HEADPHONE	NSM	E
CIRCUIT	248524	CIRCUIT FRONT A/V IN CBA	NSM	A
R14541	197640	RES CMF 1/10W 5% 150K	NSM	E
R14542	192100	RES CMF 1/10W 5% 1K	NSM	E
R14543	192089	RES CMF 1/10W 2% 220R	NSM	E
R14544	205340	RES CMF 1/10W 2% 1.3K	NSM	E
R14545	205340	RES CMF 1/10W 2% 1.3K	NSM	E
R14546	195939	RES CMF 1/10W 2% 680R	NSM	E
R14547	194926	RESISTOR	NSM	E
R14548	220568	RES CF 1/4W 5% 10R	NSM	A
CIRCUIT	250914	CIRCUIT, DEFLECTION SIP	NSM	A
C14301	214698	CAP LYTC 10UF M 63V	NSM	E
C14303	214732	CAPACITOR	NSM	E
C14304	205230	CAPACITOR	NSM	E
C14305	227898	CAP LYTC 470UF M 16V	NSM	E
C14306	220155	CAPCC 560PF J NPO 50V	NSM	E
C14307	227898	CAP LYTC 470UF M 16V	NSM	A
C14308	214732	CAPACITOR	NSM	E
C14353	222008	CAPCC .1UF K X7R 25V	NSM	E
C14354	222008	CAPCC .1UF K X7R 25V	NSM	E
C14355	222008	CAPCC .1UF K X7R 25V	NSM	E
C14356	222008	CAPCC .1UF K X7R 25V	NSM	E
C14357	214698	CAP LYTC 10UF M 63V	NSM	E
C14358	222008	CAPCC .1UF K X7R 25V	NSM	E
C14508	222008	CAPCC .1UF K X7R 25V	NSM	E
C14530	181840	CAPACITOR	NSM	E
CR26101	232710	DIODE, ZENER 6.8V .5W	NSM	E
C14531	214732	CAPACITOR	NSM	E
C14532	222008	CAPCC .1UF K X7R 25V	NSM	E
C14535	220344	CAPCC 680PF J NPO 50V	NSM	E
C14536	197600	CAPCC 1000PF K X7R 50V	NSM	E
C14537	214732	CAPACITOR	NSM	E
CR17111	215494	7 MATCHED DIODE	NSM	E
CR17112	215493	DIODE	NSM	E
JC17709	181161	RES CMF 1/8W 0% 0R	NSM	E
JC27901	181161	RES CMF 1/8W 0% 0R	NSM	E
JC27902	181161	RES CMF 1/8W 0% 0R	NSM	E
C27931	189979	CAP LYTC 47UF M 25V	NSM	E
C27932	242262	CAPCC 12PF J NPO 50V	NSM	E
C27934	189979	CAP LYTC 47UF M 25V	NSM	E
C27936	189979	CAP LYTC 47UF M 25V	NSM	E
C27937	200537	CAPACITOR	NSM	E
C27938	200537	CAPACITOR	NSM	E
C27939	227413	CAPP 0.15UF Z Y5V 50V	NSM	E
C27940	227413	CAPP 0.15UF Z Y5V 50V	NSM	E

C27941	181462	CAPCC .22UF Z Y5V 50V	NSM	E
C27942	227413	CAPP 0.15UF Z Y5V 50V	NSM	E
C27943	227413	CAPP 0.15UF Z Y5V 50V	NSM	E
C32105	160077	CAP LYTC .47UF M 100V	NSM	E
R17101	192084	RES CMF 1/10W 5% 100K	NSM	E
R17106	192084	RES CMF 1/10W 5% 100K	NSM	E
R17107	205336	RES CMF 1/10W 5% 300R	NSM	E
CLIP	173269	CLIP, TRANSISTOR	NSM	E
COVER	236679	COVER, TUNER BOTTOM	NSM	N
COVER	242750	COVER, WRAP	NSM	N
HEATSINK	243278	HEATSINK	NSM	E
J17102	250727	CABLE, RF: 2ND TO MAIN TUNER	NSM	E
J27901	226525	CONNECTOR, 2-PIN	NSM	E
J27902	227401	CONNECTOR, 5-PIN	NSM	E
J27903	226977	CONNECTOR, 3-PIN	NSM	A
SHIELD	237649	SHIELD, TUNER I-BAR	NSM	N
C27927	189979	CAP LYTC 47UF M 25V	NSM	E
CR17110	215493	DIODE	NSM	E
SHIELD	237650	SHIELD, CAN	NSM	N
C26104	156239	CAP LYTC 10UF M 63V	NSM	E
R26102	192084	RES CMF 1/10W 5% 100K	NSM	E
R26106	243972	RES CMF 1/2W 2% 75R	NSM	E
R26112	243968	RES CMF 1/2W 5% 82R	NSM	E
R26116	192097	RES CMF 1/10W 2% 4.7K	NSM	E
R26120	218508	RES CMF 1/10W 5% 100R	NSM	E
R26124	195937	RES CMF 1/10W 5% 10K	NSM	E
R26128	192084	RES CMF 1/10W 5% 100K	NSM	E
C27909	227413	CAPP 0.15UF Z Y5V 50V	NSM	E
C27910	195689	CAPCC .01UF K X7R 50V	NSM	E
R17309	174354	RES CMF 1/8W 5% 33K	NSM	E
R17310	197633	RESISTOR	NSM	E
R17311	205312	RES CMF 1/10W 5% 15R	NSM	E
R17313	192082	RES CMF 1/10W 5% 1.5K	NSM	E
R17315	195937	RES CMF 1/10W 5% 10K	NSM	E
R17317	192104	RES CMF 1/10W 5% 390R	NSM	E
R17401	200169	RES CMF 1/10W 5% 12K	NSM	E
R17404	197633	RESISTOR	NSM	E
R17405	192100	RES CMF 1/10W 5% 1K	NSM	E
R17406	192100	RES CMF 1/10W 5% 1K	NSM	E
R17407	197633	RESISTOR	NSM	E
R17408	200169	RES CMF 1/10W 5% 12K	NSM	E
R17410	194926	RES CMF 1/10W 5% 470R	NSM	E
R17412	206381	RES CMF 1/8W 5% 100K	NSM	E
R17413	206380	RES CMF 1/8W 5% 4.7K	NSM	E
R17414	192091	RES CMF 1/10W 5% 2K	NSM	E
R17415	195937	RES CMF 1/10W 5% 10K	NSM	E
R17416	192084	RES CMF 1/10W 5% 100K	NSM	E
R17417	194926	RES CMF 1/10W 5% 470R	NSM	E
R27904	176650	RES CF 1/4W 5% 120K	NSM	E
R27905	218508	RES CMF 1/10W 5% 100R	NSM	E
R27906	192084	RES CMF 1/10W 5% 100K	NSM	E
R27907	195937	RES CMF 1/10W 2% 10K	NSM	E

R27908	197904	RES CMF 1/10W 2% 20K	NSM	E
R27909	205552	RES CMF 1/10W 5% 62K	NSM	E
R27910	197633	RESISTOR	NSM	E
R27911	205552	RES CMF 1/10W 5% 62K	NSM	E
R27912	174348	RES CMF 1/8W 5% 1K	NSM	E
R27913	175317	RESISTOR	NSM	E
R27914	192100	RES CMF 1/10W 5% 1K	NSM	E
R27915	218508	RES CMF 1/10W 5% 100R	NSM	E
R27916	218508	RES CMF 1/10W 5% 100R	NSM	E
R27917	202069	RES CF 1/4W 5% 1K	NSM	E
R27918	195929	RESISTOR	NSM	E
R27919	215200	RESISTOR	NSM	E
R27920	214143	RES CMF 1/10W 1% 1K	NSM	E
R27921	206729	RES CMF 1/10W 5% 2.4K	NSM	E
R27922	197628	RES CMF 1/10W 2% 1.5K	NSM	E
R27923	214143	RES CMF 1/10W 1% 1K	NSM	E
R27924	223788	RES CMF 1/10W 1% 2K	NSM	E
R27925	236639	RES CMF 1/10W 1% 1.4K	NSM	E
R27926	192082	RES CMF 1/10W 5% 1.5K	NSM	E
R27927	202917	RES CMF 1/10W 5% 1.5M	NSM	E
R27928	197645	RES CMF 1/10W 5% 5.1K	NSM	E
R27929	197645	RES CMF 1/10W 5% 5.1K	NSM	E
R27930	181061	RESISTOR	NSM	E
R27931	192100	RES CMF 1/10W 5% 1K	NSM	E
R27932	192100	RES CMF 1/10W 5% 1K	NSM	E
R27933	218508	RES CMF 1/10W 5% 100R	NSM	E
R27934	218508	RES CMF 1/10W 5% 100R	NSM	E
L17117	237460	COIL AIR	NSM	E
L17118	237461	COIL AIR	NSM	E
L17301	231443	COIL AIR	NSM	E
L17302	231444	COIL AIR	NSM	E
L17303	233079	COIL AIR	NSM	E
L17304	233080	COIL AIR	NSM	E
L17305	236643	COIL AIR	NSM	E
L17306	231448	COIL AIR	NSM	E
L27903	197613	COIL 15UH	NSM	E
L27904	249232	COIL	NSM	E
L27906	190017	COIL	NSM	E
L27907	190017	COIL	NSM	E
L27908	190017	COIL	NSM	E
Q17101	226973	TRANSISTOR VHF	NSM	E
Q17102	226973	TRANSISTOR VHF	NSM	E
Q17402	215496	TRANSISTOR	NSM	E
Q17403	231534	TRANSISTOR	NSM	E
Q17404	215496	TRANSISTOR	NSM	E
Q27901	215495	TRANSISTOR	NSM	E
Q27902	215495	TRANSISTOR	NSM	E
C17106	214759	CAPCC 39PF J SL 50V	NSM	E
C17107	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17108	214760	CAPCC 27PF J N750 50V	NSM	E
C17109	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17110	223146	CAPACITOR	NSM	E

C17111	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17112	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17149	194903	CAPCC 22PF J NPO 50V	NSM	E
C17150	214032	CAPACITOR	NSM	E
C17151	220150	CAPCC 20PF J NPO 50V	NSM	E
C17152	202905	CAPCC 39PF J NPO 50V	NSM	E
C17153	202905	CAPCC 39PF J NPO 50V	NSM	E
C17301	194904	CAPCC 1.5PF D NPO 50V	NSM	E
C17302	194904	CAPCC 1.5PF D NPO 50V	NSM	E
C17303	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17304	194905	CAPCC 2PF C NPO 50V	NSM	E
C17305	192061	CAPCC 75PF J NPO 50V	NSM	E
C17307	220150	CAPCC 20PF J NPO 50V	NSM	E
C17308	231457	CAPACITOR	NSM	E
C17309	231458	CAPACITOR	NSM	E
C17310	214766	CAPCC 8PFD N750 50V	NSM	E
C17311	231457	CAPACITOR	NSM	E
C17312	231457	CAPACITOR	NSM	E
C17314	192060	CAPCC 1000PF K SL 50V	NSM	E
C17315	192060	CAPCC 1000PF K SL 50V	NSM	E
C17316	194909	CAPCC 8PF D NPO 50V	NSM	E
C17318	192060	CAPCC 1000PF K SL 50V	NSM	E
C17320	205227	CAPCC 330PF J NPO 50V	NSM	E
C17322	231459	CAPCC 24PF G NPO 50V	NSM	E
C17323	227250	CAPACITOR	NSM	E
C17325	197600	CAPCC 1000PF K X7R 50V	NSM	E
C17326	231460	CAPACITOR	NSM	E
WIRE TIE	243886	WIRE TIE, TWIST END 1"	NSM	E
WIRE TIE	215867	WIRE TIE, TWIST END 3/16"	NSM	E
WIRE TIE	154385	WIRE TIE, TWIST END 1/2"	NSM	E
WIRE TIE	139301	RETAINER, BEAD CHAIN	NSM	E
WIRE TIE	233121	WIRE TIE, PUSH MOUNT	NSM	E
WIRE TIE	243887	WIRE TIE, PUSH MOUNT	NSM	E
Y13101	217322	CRYSTAL, 8MHZ	NSM	E
Y16301	227894	CRYSTAL, 20MHZ	NSM	E
Y17401	230708	CRYSTAL, 4MHZ	NSM	E
Y18100	197652	CRYSTAL, 14.31818MHZ	NSM	E
Y22300	243913	CRYSTAL, 503.5KHZ	NSM	E
Y22301	161235	CRYSTAL, 3.58MHZ	NSM	E
Y22401	243913	CRYSTAL, 503.5KHZ	NSM	E