HITACHI

SERVICE MANUAL

PT3-E/G AVC3-U Chassis PA

No. 0174

32HDT50/55: PT3-E Chassis

42HDT50/55: PT3-G Chassis

AVC50: AVC3-U Chassis

R/C: CLU-5726TSI (32/42HDT50/55)

R/C: CLU-120S (32/42HDT55)

TO GO TO A CHAPTER, CLICK ON ITS HEADING BELOW

CONTENTS

SAFETY PRECAUTIONS
PRODUCT SAFETY NOTICE
SERVICING PRECAUTIONS4
AGENCY REGULATORY INFORMATION
ACKNOWLEDGMENTS AND TRADEMARKS
INTRODUCTION10
SPECIFICATIONS11
BASIC SETUP & OPERATION14
ADJUSTMENTS
TROUBLESHOOTING FLOWCHARTS
WAVEFORMS
DC VOLTAGE TABLES
CIRCUIT SCHEMATIC DIAGRAMS69
PRINTED CIRCUIT BOARDS
BLOCK DIAGRAMS91
CONNECTION DIAGRAMS
WIRING DIAGRAMS99
EXPLODED VIEW DIAGRAMS
PARTS LIST
QUICK REFERENCE PARTS LIST
DVI CABLE PIN CONFIGURATION131

CAUTION:

NTSC

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Before servicing this chassis, it is important that the service technician read the "IMPORTANT SAFETY INSTRUCTIONS" in this service manual.

SAFETY NOTICE

USE ISOLATION TRANSFORMER WHEN SERVICING

Components having special safety characteristics are identified by a \triangle on the schematics and on the parts list in this Service Data and its supplements and bulletins. Before servicing the chassis, it is important that the service technician read and follow the "Important Safety Instructions" in this Service Manual.

SPECIFICATIONS AND PARTS ARE SUBJECT TO CHANGE FOR IMPROVEMENT

PLASMA DISPLAY PANEL

SAFETY PRECAUTIONS

NOTICE: Comply with all cautions and safety-related notes located on or inside the cover case and on the chassis or plasma module.

WARNING: Since the chassis of the AVC unit and Plasma Panel unit is connected to both sides of the AC power supply during operation, whenever the receiver is plugged in, service should not be attempted by anyone unfamiliar with the precautions necessary when working on this type of receiver.

- When service is required, an isolation transformer should be inserted between power line and the receiver before any service is performed on a "HOT" chassis receiver.
- When replacing a chassis in the receiver, all the protective devices must be put back in place, such as barriers, nonmetallic knobs, insulating cover-shields, and isolation resistors, capacitors, etc.
- 3. When service is required, observe the original lead dress.
- 4. Always use manufacturer's replacement components. Critical components as indicated on the circuit diagram should not be replaced by another manufacturer's. Furthermore, where a short circuit has occurred, replace those components that indicate evidence of over heating.
- 5. Before returning a serviced receiver to the customer, the service technician must thoroughly test the unit to be certain that it is completely safe to operate without danger of electrical shock, and be sure that no protective device built into the receiver by the manufacturer has become defective, or inadvertently defeated during servicing.

Therefore, the following checks should be performed for the continued protection of the customer and service technician.

Leakage Current Cold Check

With the AC plug removed from the 120V AC 60Hz source, place a jumper across Line 1 and Line 2 of the three plug prongs, do not connect with the third prong, which is physical ground.

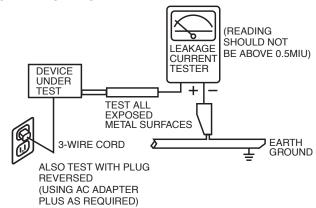
Using an insulation tester (DC500V), connect one of its leads to the AC plug jumper and touch with the other lead each exposed metal part (antennas, screwheads, metal overlays, control shafts, etc.), particularly any exposed metal part having a return path to the chassis should have a resistor reading over $4M\Omega.$ Any resistance value below this range indicates an abnormality which requires corrective action. An exposed metal part not having a return path to the chassis will indicate an open circuit.

Leakage Current Hot Check

This check must be done considering the AVC or the PDP monitor as one instrument each.

With any of the instruments completely reassembled (being the instrument either the AVC center or the PDP monitor), plug the AC line cord directly into a 120V AC outlet. (Do not use an isolation transformer during this test.) Use a leakage current tester or a metering system that complies with the American National Standards Institute (ANSI) C101.0 Leakage Current for Appliances. In the case of the PDP monitor set the AC switch first in the ON position and then in the OFF position, measure from across Line 1 and Line 2 of the three plug prongs, do not connect with the third prong, which is physical ground, to all exposed metal parts of the instrument (antennas, handle bracket, metal cabinet, screw heads, metallic overlays, control shafts, etc.), especially any exposed metal parts that offer an electrical return path to the chassis. Any current measured must not exceed 0.5 MIU. Reverse the instrument power cord plug in the outlet and repeat test.

AC LEAKAGE TEST



ANY MEASUREMENTS NOT WITHIN THE LIMITS OUTLINED ABOVE ARE INDICATIVE OF A POTENTIAL SHOCK HAZARD AND MUST BE CORRECTED BEFORE RETURNING THE RECEIVER TO THE CUSTOMER.

PRODUCT SAFETY NOTICE

Many electrical and mechanical parts in HITACHI television receivers have special safety-related characteristics. These are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this Service Manual.

Electrical components having such features are identified with a A mark in the schematics and parts list in this Service Manual.

The use of a substitute replacement component which does not have the same safety characteristics as the HITACHIrecommended replacement component, shown in the parts list in this Service Manual, may create shock, fire, X-radiation, or other hazards.

Product safety is continuously under review and new instructions are issued from time to time. For the latest information, always consult the current HITACHI Service Manual. A subscription to, or additional copies of HITACHI Service Manuals may be obtained at a nominal charge from HITACHI Sales Corporation.

AVC50 - Audio Video Control Unit

1. Follow the general caution recommendations from "Safety precautions" section.

32HDT50M/55M - Plasma Monitor Unit 42HDT50M/55M - Plasma Monitor Unit

- 1. Follow the general caution recommendations from "Safety precautions" section.
- 2. Since the Panel module and front filter are made of glass, sufficient care shall be taken when handling the broken module and filter in order to avoid injury.
- 3. If necessary to replace Panel module, this work must be started after the panel module and the AC/DC Power supply becomes sufficiently cool.
- Special care must be taken with the display area to avoid damaging its surface.
- 5. The Panel Module shall not be touched with bare hands to protect its surface from stains.
- It is recommended to use clean soft gloves during the replacing work of the Panel module in order to protect, not only the display area of the panel module but also the serviceman.
- 7. The Chip Tube of the panel module (located upper left of the back of the panel module) and flexible cables connecting Panel glasses to the drive circuitry Printed Wiring Boards (P.W.B.) are very weak, so sufficient care must be taken to prevent breaking or cutting any of these. If the Chip Tube breaks the panel module will never work, replacement for a new plasma panel module will be needed.
- 8. Signal, power supply P.W.B.'s and PDP driving circuits P.W.B.'s are assembled on the rear side of the PDP module, take special care with this fragile circuitry; particularly, Flexible Printed Circuits bonded to surrounding edges of the glass panel. They are not strong enough to withstand harsh outer mechanical forces. Avoid touching the flexible printed circuits by not only your hands, but also tools, chassis, or any other object. Extreme bending of the connectors must be avoided too. In case the flexible printed circuits are damaged, the corresponding addressed portions of the screen will not be lit and exchange of a glass panel will be required.

PDP Module Handling

When there is need to replace a broken PDP module which is the displaying device from the Plasma monitor unit, consider the following:

- 1. When carrying the PDP module, two persons should stand at both shorter-edge sides of the glass-panel and transport it with their palms. Avoid touching the Flexible Printed Circuits or the chip tube on the corner of the glass-panel. Handle only by the surface of the glass panel. In case of some PDP modules, electrode repair is done by connecting between regular terminal with Cu tape and Cu wire. Please do not hook and/or damage this repair line. If it is damaged, the module will not function unless the glass-panel is exchanged with a new glass-panel.
- When carrying PDP module, watch surrounding objects, such as tables, and also do not carry it alone since it may be dangerous and it will be damaged due to excessive stress to the module (glass-panel).
- Please do not stand the module with the edge of the glasspanel on the table since this might result in damage to the glass-panel and/or flexible printed circuits due to excessive stress to the module (glass-panel).

WARNING

Lead in solder used in this product is listed by the California Health and Welfare agency as a known reproductive toxicant which may cause birth defects or other reproductive harm (California Health and Safety Code, Section 25249.5).

When servicing or handling circuit boards and other components which contain lead in solder, avoid unprotected skin contact with solder. Also, when soldering make sure you are in a well ventilated area in order to avoid inhalation of any smoke or fumes released.

SAFETY NOTICE USE ISOLATION TRANSFORMER WHEN SERVICING

POWER SOURCE

This television receiver is designed to operate on 120 Volts/60Hz, AC house current. Insert the power cord into a 120 Volts/60Hz outlet.

NEVER CONNECT THE TV TO OTHER THAN THE SPECIFIED VOLTAGE OR TO DIRECT CURRENT.

SERVICING PRECAUTIONS

CAUTION: Before servicing instruments covered by this service data and its supplements and addenda, read and follow the "Important Safety Instructions" on page 3 of this publication.

NOTE: If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions on page 3 of this publication, always follow the safety precautions. Remember: Safety First.

General Servicing Guidelines

- Always unplug the instrument AC power cord from the AC power source before:
 - a. Removing or reinstalling any component, circuit board, module, or any other instrument assembly.
 - b. Disconnecting or reconnecting any instrument electrical plug or other electrical connection.
 - c. Connecting a test substitute in parallel with an electrolytic capacitor in the instrument.

CAUTION: A wrong part substitution or incorrect polarity installation of electrolytic capacitors may result in an explosion hazard.

- Do not spray chemicals on or near this instrument or any of its assemblies.
- 3. Unless specified otherwise in these service data, clean electrical contacts by applying the following mixture to the contacts with a pipe cleaner, cotton-tipped stick or comparable nonabrasive applicator: 10% (by volume) Acetone and 90% (by volume) isopropyl alcohol (90%-99% strength).

CAUTION: This is a flammable mixture. Unless specified otherwise in these service data, lubrication of contacts is not required.

- Do not defeat any plug/socket of voltage interlocks with which instruments covered by this service data might be equipped.
- Do not apply AC power to this instrument and/or any of its electrical assemblies unless all solid-state device heatsinks are correctly installed.
- Always connect the test instrument ground lead to the appropriate instrument chassis ground before connecting the test instrument positive lead. Always remove the test instrument ground lead last.
- 7. Use with this instrument only the test fixtures specified in this service data.

CAUTION: Do not connect the test fixture ground strap to any heatsink in this instrument.

Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

- Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
- After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
- Use only a grounded-tip soldering iron to solder or desolder ES devices.
- Use only an anti-static type solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ES device.
- Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
- Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material.)
- 7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

CAUTION: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device.)

General Soldering Guidelines

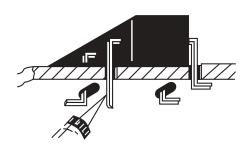
- Use a grounded-tip, low-wattage soldering iron and appropriate tip size and shape that will maintain tip temperature within the range 500°F to 600°F.
- Use an appropriate gauge of resin-core solder composed of 60 parts tin/40 parts lead.
- 3. Keep the soldering iron tip clean and well-tinned.
- 4. Thoroughly clean the surfaces to be soldered. Use a small wire-bristle (0.5 inch or 1.25 cm) brush with a metal handle. Do not use freon-propelled spray-on cleaners.
- 5. Use the following desoldering technique.
 - a. Allow the soldering iron tip to reach normal temperature (500°F to 600°F).
 - Heat the component lead until the solder melts.
 Quickly draw away the melted solder with an antistatic, suction-type solder removal device or with solder braid.

CAUTION: Work quickly to avoid overheating the circuit board printed foil.

- 6. Use the following soldering technique.
 - a. Allow the soldering iron tip to reach normal temperature (500°F to 600°F).
 - First, hold the soldering iron tip and solder strand against the component lead until the solder melts.
 - c. Quickly move the soldering iron tip to the junction of the component lead and the printed circuit foil, and hold it there only until the solder flows onto and around both the component lead and the foil.

CAUTION: Work quickly to avoid overheating the circuit board printed foil or components.

 d. Closely inspect the solder area and remove any excess or splashed solder with a small wire-bristle brush.



Use Soldering Iron to Pry Leads

IC Removal/Replacement

Some Hitachi unitized chassis circuit boards have slotted holes (oblong) through which the IC leads are inserted and then bent flat against the circuit foil. When holes are the slotted type, the following technique should be used to remove and replace the IC. When working with boards using the familiar round hole, use the standard technique as outlined in paragraphs 5 and 6 above.

Removal

- Desolder and straighten each IC lead in one operation by gently prying up on the lead with the soldering iron tip as the solder melts.
- Draw away the melted solder with an anti-static suctiontype solder removal device (or with solder braid) before removing the IC.

Replacement

- 1. Carefully insert the replacement IC in the circuit board.
- Carefully bend each IC lead against the circuit foil pad and solder it.
- Clean the soldered areas with a small wire-bristle brush. (It is not necessary to reapply acrylic coating to areas.)

"Small-signal" Discrete Transistor Removal/Replacement

- Remove the defective transistor by clipping its leads as close as possible to the component body.
- Bend into a "U" shape the end of each of the three leads remaining on the circuit board.
- 3. Bend into a "U" shape the replacement transistor leads.
- 4. Connect the replacement transistor leads to the corresponding leads extending from the circuit board and crimp the "U" with long nose pliers to insure metal to metal contact, then solder each connection.

Power Output Transistor Devices Removal/Replacements

- Heat and remove all solder from around the transistor leads.
- 2. Remove the heatsink mounting screw (if so equipped).
- 3. Carefully remove the transistor from the circuit board.
- 4. Insert new transistor in circuit board.
- 5. Solder each transistor lead, and clip off excess lead.
- 6. Replace heatsink.

Diode Removal/Replacement

- Remove defective diode by clipping its leads as close as possible to diode body.
- Bend the two remaining leads perpendicularly to the circuit board.
- Observing diode polarity, wrap each lead of the new diode around the corresponding lead on the circuit board.
- 4. Securely crimp each connection and solder it.
- 5. Inspect (on the circuit board copper side) the solder joints of the two "original leads". If they are not shiny, reheat them and, if necessary, apply additional solder.

Fuses and Conventional Resistor Removal/Replacement

- Clip each fuse or resistor lead at top of circuit board hollow stake.
- Securely crimp leads of replacement component around stake 1/8 inch from top.
- 3. Solder the connections.

CAUTION: Maintain original spacing between the replaced component and adjacent components and the circuit board, to prevent excessive component temperatures.

Circuit Board Foil Repair

Excessive heat applied to the copper foil of any printed circuit board will weaken the adhesive that bonds the foil to the circuit board, causing the foil to separate from, or "lift-off," the board. The following guidelines and procedures should be followed whenever this condition is encountered.

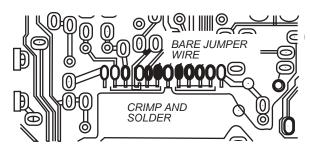
In Critical Copper Pattern Areas

High component/copper pattern density and/or special voltage/current characteristics make the spacing and integrity of copper pattern in some circuit board areas more critical than in others. The circuit foil in these areas is designated as Critical Copper Pattern. Because Critical Copper Pattern requires special soldering techniques to ensure the maintenance of reliability and safety standards, contact your Hitachi personnel.

At IC Connections

To repair defective copper pattern at IC connections, use the following procedure to install a jumper wire on the copper pattern side of the circuit board. (Use this technique only on IC connections.)

- Carefully remove the damaged copper pattern with a sharp knife. (Remove only as much copper as absolutely necessary.)
- Carefully scratch away the solder resist and acrylic coating (if used) from the end of the remaining copper pattern.

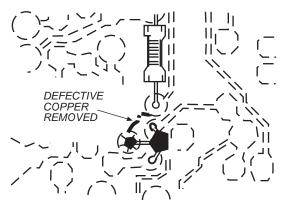


Install Jumper Wire and Solder

- Bend a small "U" in one end of a small-gauge jumper wire and carefully crimp it around the IC pin. Solder the IC connection.
- 4. Route the jumper wire along the path of the cut-away copper pattern and let it overlap the previously scraped end of the good copper pattern. Solder the overlapped area, and clip off any excess jumper wire.

At Other Connections

Use the following technique to repair defective copper pattern at connections other than IC Pins. This technique involves the installation of a jumper wire on the component side of the circuit board.



Insulated Jumper Wire

- Remove the defective copper pattern with a sharp knife.
 Remove at least 1/4 inch of copper, to ensure hazardous condition will not exist if the jumper wire opens.
- Trace along the copper pattern from both wire sides of the pattern break and locate the nearest component directly connected to the affected copper pattern.
- Connect insulated 20-gauge jumper wire from the nearest component on one side of the pattern break to the lead of the nearest component on the other side. Carefully crimp and solder the connections.

CAUTION: Be sure the insulated jumper wire is dressed so that it does not touch components or sharp edges.

NOTE: These components are affixed with glue. Be careful not to break or damage any foil under the component or at the pins of the ICs when removing. Usually applying heat to the component for a short time while twisting with tweezers will break the component loose.

Leadless Chip Components (surface mount)

Chip components must be replaced with identical chips due to critical foil track spacing. There are no holes in the board to mount standard transistors or diodes. Some chip capacitor or resistor board solder pads may have holes through the board, however the hole diameter limits standard resistor replacement to 1/8 watt. Standard capacitors may also be limited for the same reason. It is recommended that identical chip components be used.

Chip resistors have a three digit numerical resistance code -1st and 2nd significant digits and a multiplier. Example: 162 = 1600 or $1.6K\Omega$ resistor, $0 = 0\Omega$ (jumper).

Chip capacitors generally do not have the value indicated on the capacitor. The color of the component indicates the general range of the capacitance.

Chip transistors are identified by a two letter code. The first letter indicates the type and the second letter, the grade of transistor.

Chip diodes have a two letter identification code as per the code chart and are a dual diode pack with either

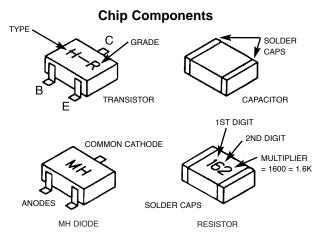
common anode or common cathode. Check the parts list for correct diode number.

Component Removal

- 1. Use solder wick to remove solder from component end caps or terminals.
- 2. Without pulling up, carefully twist the component with tweezers to break the adhesive.
- 3. Do not reuse removed leadless or chip components since they are subject to stress fracture during removal.

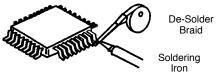
Chip Component Installation

- Put a small amount of solder on the board soldering pads.
- Hold the chip component against the soldering pads with tweezers or with a miniature alligator clip and apply heat to the pad area with a 30 watt iron until solder flows. Do not apply heat for more than 3 seconds

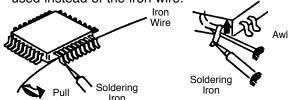


How to Replace Flat-IC —Required Tools—

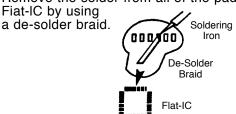
- Soldering iron
 iron wire or small awl
- De-solder braids
 Magnifier
- 1. Remove the solder from all of the pins of a Flat-IC by using a de-solder braid.



 Put the iron wire under the pins of the Flat-IC and pull it in the direction indicated while heating the pins using a soldering iron. A small awl can be used instead of the iron wire.

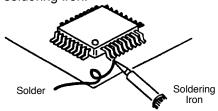


3. Remove the solder from all of the pads of the



4. Position the new Flat-IC in place (apply the pins of the Flat-IC to the soldering pads where the pins need to be soldered). Properly determine the positions of the soldering pads and pins by correctly aligning the polarity symbol.

Solder all pins to the soldering pads using a fine tipped soldering iron.



6. Check with a magnifier for solder bridge between the pins or for dry joint between pins and soldering pads. To remove a solder bridge, use a de-solder braid as shown in the figure below.



AGENCY REGULATORY INFORMATION

Federal Communications Commission Notice

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

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

Modifications

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by Hitachi Home Electronics (America), Inc. may void the user's warranty.

Cables

Connections to this device must be made with shielded cables with metallic RFI/EMI connector hoods to maintain compliance with FCC Rules and Regulations.

Any cables that are supplied with the system must be replaced with identical cables in order to assure compliance with FCC rules. Order Hitachi spares as replacement cables.

Declaration of Conformity

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

For questions regarding this declaration, contact:

Hitachi America, LTD.
Home Electronics Division
900 Hitachi Way
Chula Vista, CA 91914
Tel. 1-800-448-2244 (1-800-HITACHI)
ATTN: CUSTOMER RELATIONS

ACKNOWLEDGMENTS AND TRADEMARKS

This Plasma Television complies with VESA DDC2B specifications, Plug & Play is a system with computer, peripherals (including monitors) and operating system. It works when the monitor is connected to a DDC ready computer that is running an operating system software that is capable for the plug & play.

When a Plug and Play PC is powered on, it sends a command to the Monitor requesting identification. The Monitor sends back a string of data including its characteristics.



TRADEMARK ACKNOWLEDGMENT

DDC[™] is a trademark of Video Electronics Standard Association.

IBM PC/AT and VGA are registered trademarkds of International Business Machines Corporation of the U.S.A. Apple and Macintosh are registered trademarks of Apple Computer, Inc.

VESA is a trademark of a nonprofit organization, Video Electronics Standard Association.

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

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Cable Compatible Television Apparatus- Tèlèvision câblocompatible, Canada.

Notes on Closed Caption:

This Plasma Television receiver will display television closed captioning, (CC or), in accordance with paragraph 15.119 of the FCC rules.

TruBass and the SRS(•)® symbol are trademarks of SRS Labs, Inc. TruBass technology is incorporated under license from SRS Labs, Inc.

INTRODUCTION

The 32HDT50M/55M and 42HDT50M/55M are a Plasma Television sets; They are constituted by the combination of two main parts, an AUDIO VIDEO CONTROL Center, and the Plasma Display monitor.

Each part has a model name and a chassis name:

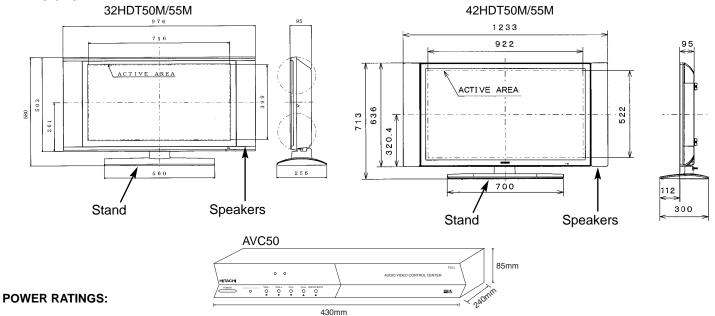
Part	Model Name	Chassis Name
Audio Video Control Center	AVC50	AVC3-U
32" Plasma Display Monitor	32HDT50M/55M	PT3-E
42" Plasma Display Monitor	42HDT50M/55M	PT3-G

The AVC center is a box that controls most of the user functions of the complete TV set and conditions the signal before it arrives to the monitors.

The 32" and 42" monitors contain the displaying device, which is the plasma display panel module, and the driving circuitry, which receives the signal from the AVC center and after processing, delivers the image to the display module.

This HITACHI Service Manual is intended for the qualified service personnel and it contains the necessary information for troubleshooting the Plasma television set in case of malfunction.

DIMENSIONS:



			Indicate	ed Value		
		Max Rating		Average	Pst(w)	
No.	Model Name	(W)	(A)	Rating (W)	(W)	Chassis
1	32HDT50M/55M	210	2.2	134	0.8	PT3-E
2	42HDT50M/55M	332	3.2	198	0.8	PT3-G
3	AVC50	30	0.5	26	2.7	AVC3-U

CIRCUIT PROTECTION

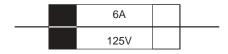
CAUTION:

Below is an EXAMPLE only. See Replacement Parts List for details. The following symbol near the fuse indicates fast operation fuse (to be replaced). Fuse ratings appear within the symbol.

Example:



"RISK OF FIRE - REPLACE FUSE AS MARKED"



The rating of fuse F901 is 6A - 125V. Replace with the same type fuse for continued protection against fire.

PDP MONITOR SPECIFICATIONS

Item	Model Name	32HDT50M/55M	42HDT50M/55M
Destination		U.S.A. / CANADA	←
Exterior	Cabinet Dimensions:		
	(Main Body)	976x503x95mm	1030x636x95mm
	(Speaker & stand included)	976x580x258mm	1233x713x300mm
	Cabinet Color	Bluish Black,Bright Silver/Bright Silver	Bluish Black,Bright Silver/Bright Silver
	Stand	Included	+
	Weight (Main Body)	24.1 kg typ.	29.5 kg typ.
	(Speaker & Stand	28.2 kg typ.	39.8 kg typ.
	included)		
	(Main Body:Packed)	35.0 kg typ. (Packed)	44 kg typ. (Packed)
	Screen Size	716.68x399mm	922x522mm
		(32": 16x9)	(42": 16x9)
Display Panel	Resolution	852x1024 pixels	1024x1024 pixels
	Dot Pitch (H)	0.84mm	0.90mm
	Dot Pitch (V)	0.39mm	0.51mm
	Viewing Angle (H)	±85°	←
	Viewing Angle (V)	±85°	+
Front Filter	Surface Finishing	AR Coating, Mesh	←
Brightness	Peak Brightness	Over 230 cd/m² (When VIDEO,	Over 245 cd/m² (When VIDEO,
	(4% window)	Sports, Color temperature 'HIGH'	Sports, Color termperature 'HIGH
		Input Signal Amplitude 100% is	Input Signal Amplitude 100% is
		set)	set)
		Over 230 cd/m ² (When RGB is	(Over 245 cd/m² (When RGB is
		set)	set)
	All White Pattern	Over 50 cd/m ²	Over 55 cd/m ²
Contrast	Contrast ratio	550:1 (typ.)	600:1 (typ.)
Color	Color Reproduction	Over 16.7 million colors	+
Reproduction			
Audio Output	Audio Output	7w + 7w (6Ω)	10w + 10w (6Ω)
Panel	Main Power Switch	PUSH (LOCK) 1 Switch	←
Operation	Sub Power Switch	PUSH (NON-LOCK) 1 Switch	+
Input Terminal	Video/Audio Input	24 pin DVI connector 1 system	←
		8 pin Mini DIN connector 1	
Output	Audio Line Output	Sub Woofer Output 1 system	←
Terminal	Speaker Output	None	+
Power Supply	Connector	3 Polarity Receptacle	←
Source	Input Voltage	Single Phase AC108~132V,60Hz	+
Guaranteed	Temp. (Operating)	5°C~35°C (41°F~95°F)	←
Environment	Temperature (Stored)	-15°C~60°C(5°F~140°F)	+
Condition	Humidity (Operating)	20~80%RH (Non-condensing)	+
	Humidity (Stored)	20~90%RH (Non-condensing)	+
	Atmospheric	800 to 1114hPa	+
	Pressure	(altitude: 1888m to -757m,	
	(Operating)	6194' to -2484')	
	Atmospheric	300 to 1114hPa	←
	Pressure	(altitude: 9727m to -757m,	
	(Stored)	31,912' to -2484')	

AVC SPECIFICATIONS (1 of 2)

Model	CIFICATION	- (· • · <u>-</u>)		AVC50	
Dimension	Size		1	430mmx85mmx240mm	
Dimension	Weight			3.5 kg	
A/C		200	1	AC108 ~132(with 3 Plug AC Power Cord	
Input	Input AC Volt	aye	3	inlet type ,1.8m length	
Voltage	Input AC Fre	allenev.	4	60Hz	
Vollago	Power Const		5	30w, Standby less than 2.7w	
Front	Front End	иприоп	6	ENGE6106DR/ENG36614GR	
End		1			\/\!E
LING	Available Ch	annel		2 ~13	VHF
			8	14 ~ 69	UHF
				A-5 ~ A-1, A ~ W, W+1 ~ W+84	CATV
Input	Video Signal			NTSC	
Signal	Component S	Signal		480i/p,1080I, 720p	
	PC Signal		12	VGA ~ SXGA	
				(fH:24KHz-109KHz,fV:50Hz-85Hz)	
	DVI Signal			480i,480p,720p,1080i(EIA-861A)	
Picture	Y/C separation			3D Y/C (ON fix)	
	Line Correcti				
	I-P Conversi			Motion Adaptive & Multi Angle Interpolation	FC4
	Picture Mode			7. 0 /	
	Display Mod	е	18	17	Video Signal
			19	1024i (50inch:768p)	Component Signal
			20	1024i (50inch:768p)	PinP Mode
				1024i (50inch:768p)	PC Signal
Sound Enhance	ement		22	TruBass (High, Medium, Low, Off)	
				Matrix Surround (On/Off)	
Adjustment	Settings for V	/ideo	22	Picture, Contrast, Brightness, Color, Tint	
	Signal			,Sharpness, W/B Temp, Black Enhancement	
				,Contrast Mode, Color Management/Decoding	
				,Auto Color, Noise Reduction, Auto Movie Mode.	
	0 " ()	<i>r</i> . ı		,Black Side Panel	
	Settings for V	/ideo	23	Contrast, Brightness, W/B Temp,	
	Signal	nC	24	Enhancer, Input Level, Black Side Panel. Hor/Vert Raster Position, Horizontal Clock	
	Settings for F Raster		24	Clock Phase.	
	Settings for S	'ound	25	Vol, Balance, Bass, Treble, Source, Intenal	
	Settings for S	ouria	25	Speaker, Auto Noise Cancel, Perfect Volume, Mute.	
General	PinP Sp	slit	26	With(All video signal combinations, except PC signal)	
Function	L —	robe	27	With(4Pix:only ANT A/B,Video,480i)	
	Su		28	With(SURF12:only ANT A/B)	
	_)P	29	With(Main: ANT A/B,Video,480i Sub: ANT A/B,Video,480i,1080i)	
	PII		30	With(Main:1080i Sub: ANT A/B,Video,480i,1080i)	
	_ I	C-Window	31		
	Wide Mode	-vvii iuuw		With(Main: RGB Sub: All video signal, except PC signal) 6Mode (only NTSC,480i,480p)	
		Video		4:3 Standard/16:9 Standard/	
	Aspect	video	33		
	Selection	PC	04	4:3 Expanded/Zoom 1/Zoom 2/16:9 Zoom	
		PC	34	Full/Normal/Real (Real only VGA/SVGA/XGA mode)	
	Film Theater		35	With (Auto Movie Mode: On/Off)	
	Color Tempe		36	4Mode ; High/Medium/Standard/Black & White	
	Input Signal S	Selection	37	RGB,VIDEO1/2/3/4/5, ANT A, ANT B	

AVC SPECIFICATIONS (2 of 2)

Model			AVC50	
General	Gamma Correction	38	Only for Service Menu	
unction	Picture Enhancer	39	With (only RGB)	
	Input Signal Identification	40	Yes	
	Audio Special Mode	41	No	
	Power Save Mode	42	With (RGB In)	LED Normal: Green
		43	With (On/Off) (Video In)	Power Save: Orange Stand by: Red
	Burning Protection	44	With (Raster Shift:3 option, All White Pattern)	
	Language (VIDEO/PC)	45	ENGLISH,FRANCAIS,ESPANOL	
R/C Handset	•	46 46	RML-CLU-5726TSI CLU-120S (for 32/42HDT55)	ALPS UEI
n/Out	Input (RGB)	47	1 Input: Mini Dsub-15PX1	
Terminal	Composite Video Input VIDEO2_5	48	4 Input: RCA pin 4 (1 Input Front Panel)	
	S-In (S 2 Terminal) Video/S are common selector, priority is S-In .	49	3 Input: Mini Din-4P (1 S-In on Front Panel)	
	Component Signal Input (VIDEO1,VIDEO2)	50	2 Input: RCA pin 6(Y of VIDEO2 is common input for Composite-In)	
	Digital Input(DVI+HDCP)	51	1 Input: DVI-D(24P)X1 (Selected by component Video1,Digital input priority)	
	Audio In L / R L ch:mono	52	6 Input; RCA pin 12 (RGB:1 Input,Video:5 Input)	
	CATV In	53	1 Input (VIDEO2 LINK)	
	Video Control Terminal (BS)	54	No	
	U/V Ant Input	55	ANT-A IN,ANT-B IN ,TO CONV.	
	BS-IF Input	56	No	
	Video Monitor Out Terminal	57	1 Output: RCA Pin x 1	
	Audio Output Terminal	58	1 Output L/R RCA Pin x 2	
	Audio Monitor Out Terminal	59	1 Output L/R RCA Pin x 2	
	IR-OUTPUT	60	2 Terminal	
	Headphone Terminal	61	1 Terminal (only for AVC)	
	PDP Interface Terminal	62	DVI-D(26p)+Mini 8PIN-DIN	
ront	Main Power Switch	63	No	
Key	Power On/off Switch	64	With (link to PDP)	
	IR Receiving Unit	65	With (link to PDP)	
	Power Indicator LED	66	With	
	Menu Control Key	67	With (Channel U/D, Vol U/D, AV Input Select, Menu Select)	

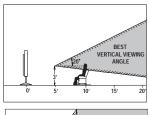
BASIC SETUP & OPERATION

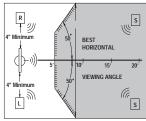
VIEWING

The major benefit of the HITACHI Plasma Television is its large viewing screen. To see this large screen at its best, test various locations in the room to find the optimum spot for viewing. The best picture is seen by sitting directly in front of the TV and about 8 to 18 feet from the screen

During daylight hours, reflections from outside light may appear on the screen. If so, drapes or screens can be used to reduce the reflection or the TV can be located in a different section of the room.

If the TV's audio output will be connected to a Hi-Fi system's external speakers, the best audio performance will be obtained by placing the speakers equidistant from each side of the receiver cabinet and as close as possible to the height of the picture screen center. For best stereo separation, place the external speakers at least four feet from the side of the TV, place the surround speakers to the side or behind the viewing area. Differences in room sizes and acoustical environments will require some experimentation with speaker placement for best performance.





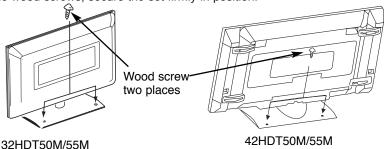
IMPORTANT NOTES

No.	Items	Notes
1	Arching sound from plasma display monitor's panel.	A buzzing sound might be heard when the plasma display monitor is turned on in a very quiet room. This is due to the plasma panel drive circuit when it is functioning. This arching sound is normal and it is not a malfunction.
2	Interference for infrared equipment.	Some infrared rays are emitted from the plasma display monitor's panel that might affect other infrared controlling equipment.
3	Bright and dark spots	High-precision technology is used to manufacture the plasma display panel; But in some cases, there are minor defects in some parts of the screen. Points that do not light, points with brightness different from that of the periphery, points with color different from that of the periphery, etc. Some pixels will always be on or always off. Please note that this is not a malfunction.
4	Picture Image (Spectrum)	When receving still picture signals, (e.g. channel number indication or clock indication) for a while, you can see image-like when the picture varied. This is not a defect.
5	Display panel surface temperature is too high	The plasma display panel is lighting the phosphors by the discharge of internal radiation. In some cases, this may cause the temperature of the panel surface to increase. Please note that this is not a malfunction. The Plasma TV surface temperature is higher than a Cathode-ray-tube.
6	Plasma Surface	The plasma panel is made from glass. Heavy shock on the front panel might damage it.
7	Transportation	When the PDP monitor is transported horizontally, the glass panel has the possibility of being broken or increasing the picture defects. At the time of transportation, horizontal style is prohibited. More-over, please treat the plasma panel with great care because of a precision apparatus. Please instruct transporters so that it should be put into the packing box at the time of shipment. (There is a possibility that breakage of the panel or defects will increase.) Rough transportation might cause damage to the panel and pixel failure.
8	Image retention	The plasma monitor illuminates phosphor to display images. The phosphor has a finite illumination life. After extended periods of illumination, the brightness of the phosphor will be degraded to such extent that stationary images would burn-in that part of the screen as grayed-out images. Tips to prevent such image retention are: - Do not display images having sharp brightness differences or hi-contrast images, such as monochrome characters and graphic patterns, for long. - Do not leave stationary images appearing for long, but try to refresh them at appropriate intervals of time, or try to move them using screen saver function. - Turn down the contrast and brightness controls.
9	Luminosity and contrast	PDP television has luminosity and low contrast compared with CRT television.
10	Granular spots	When a screen is seen at point-blank range, a random fine grain may be visible to a dark part.
11	Disturbance to video apparatus	If an apparatus (VCR, etc.) antenna line is arranged near the monitor, the image may shake, or disturbance may be received.
12	Lip Sync	There is some time lag betweeen the picture and the sound. You can see lip motion that is delayed compared to the sound.
13	About the use environment of PDP television (temperature)	Electric discharge/luminescence characteristic of the PDP panel also changes with peripheral temperature. Moreover, since there is also high power consumption value, a specified temperature environment is required.
14	Caution on prolonged storage	Storing the plasma television for a period of more than 2 to 3 months without use might cause an unstable picture when the set is turned on.
15	Operating	Operating altitude: 800 to 1114hPa (6194ft to -2484ft). Operating temperature: 41°F to 95°F.
16	Storage	Storage Altitude: 300 to 1114hPa (31,912 to -2484ft). Storage temperature: 5°F to 140°F.
17	Power ON or OFF	Frequent use of the Power ON or OFF might trigger the power protection circuit. If the TV does not turn ON, please wait a little before turning ON again.

To take measures to prevent the Plasma Display from tipping over and prevent possible injury it is important to mount the unit in a stable place.

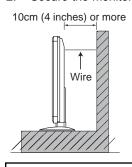
Securing to a table-top

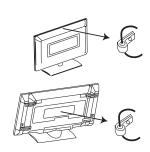
- 1. Using wood screws (two) fasten the set to the clamping screw holes on the rear of the Plasma Display stand as shown below.
- Using commercially available wood screws, secure the set firmly in position.



Securing to a wall

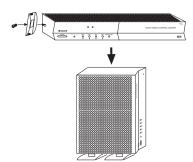
- Keep the Plasma Display monitor four inches away from the wall except those hung to the wall mount bracket.
- Secure the monitor to the wall as shown below.





AVC Vertical Position (Using AVC Stand)

- Install AVC Stand with screws provided.
- AVC ventilation holes should be facing out.



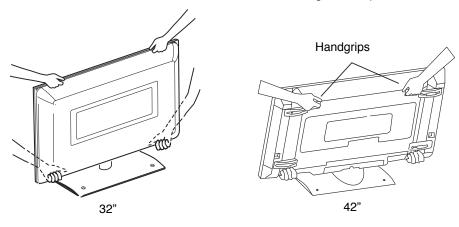
NOTES:

- Do not block the ventilation holes of the Plasma Display monitor or the AVC center. Blocking the ventillation holes might cause fire
- The plasma television has two AC cords, one on the AVC center and the other on the Plasma Display monitor. In case of an
- abnormal symptom, unplug both AC cords.

 3. If you purchased the wall mount bracket option, please ask for professional installer. Do not install by yourself.

Caution when moving the main unit

As this product is heavy, whenever it is moved, two people are required to transport it safely. Whenever the unit is moved it should be lifted forward using the two handgrips at the back, and the unit should then be held at the base on both sides for stability. When moving the Display Monitor, lift the handles and the bottom frame as shown below. Do not grab the speakers or the back cover when lifting.



ANTENNA

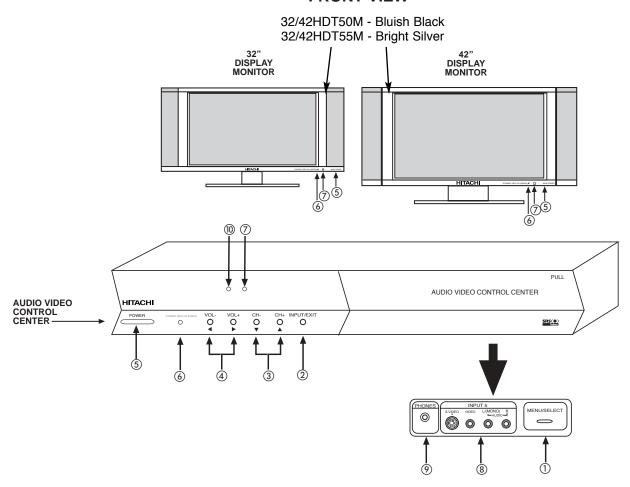
Unless your Plasma Television is connected to a cable TV system or to a centralized antenna system, a good outdoor color TV antenna is recommended for best performance. However, if you are located in an exceptionally good signal area that is free from interference and multiple image ghosts, an indoor antenna may be sufficient.

LOCATION

Select an area where sunlight or bright indoor illumination will not fall directly on the picture screen. Also, be sure that the location selected allows a free flow of air to and from the perforated back cover of the set.

To avoid cabinet warping, cabinet color changes, and increased chance of set failure, do not place the TV where temperatures can become excessively hot, for example, in direct sunlight or near a heating appliance, etc.

FRONT VIEW



(1) MENU/SELECT button

This button allows you to enter the MENU, making it possible to set TV features to your preference without using the remote. This button also serves as the SELECT button when in MENU mode.

(2) INPUT/EXIT button

Press this button to select the desired input, VIDEO 1 to 5, RGB, or Ant A/B source. Your selection is shown in the top right corner of the screen. This button also serves as the EXIT button when in MENU mode.

NOTES: Your remote control does not have an INPUT button. To change to video inputs, press VID1~VID5 buttons depending on the input you wish to switch to. Press TV/RGB button on the remote control to toggle between TV and RGB (ANALOG INPUT).

(3) CHANNEL selector

Press these buttons until the desired channel appears in the top right corner of the TV screen. These buttons also serve as the cursor down (\P) and up (\blacktriangle) buttons when in MENU mode.

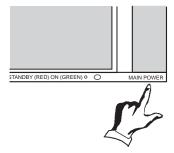
(4) VOLUME level

Press these buttons to adjust the sound level. The volume level will be displayed on the TV screen. These buttons also serve as the cursor left (◀) and right (▶) buttons when in MENU mode.

(5) POWER button

Display Monitor "MAIN POWER" button

This power button is for the complete system, and must be turned ON/OFF manually. It is recommended to leave the "MAIN POWER" to ON condition (lights red) for stand-by mode.



AVC POWER button

The AVC power can be turned ON/OFF manually or by remote control. Turning on the AVC Power will only turn on the AVC box if the "MAIN POWER" of the display monitor is off.

6 POWER light indicator

To turn the monitor ON, press the main power switch located on the lower right side of the monitor. A red stand-by indicator lamp located on the lower right corner of the front bezel will illuminate. The PDP is now ready for remote on/off operation.

Indicating Lamp	Power Status	Operating
Off	Off	When the main power switch is set
		OFF.
Lights Red	Off	When the main power switch on the display
	(Stand-by)	monitor is ON, and the AVC Center is OFF.
Lights Green	On	Display monitor MAIN POWER is ON and
		AVC Center power is ON.
Lights Orange	Off	Display monitor MAIN POWER is ON and
(Flashing)	(Power Saving)	and AVC Center power is ON, with no signal
		input except antenna (no sync. signal).

(7) REMOTE CONTROL sensor

Point your remote at this area when selecting channels, adjusting volume, etc.

8 FRONT INPUT JACKS (for VIDEO: 5)

Use these audio/video jacks for a quick hook-up from a camcorder or VCR to instantly view your favorite show or new recording. press the VID5 button on the remote control button and VIDEO: 5 appears in the top right corner of the TV screen. If you have mono sound, insert the audio cable into the left audio jack.

(9) PHONES JACK

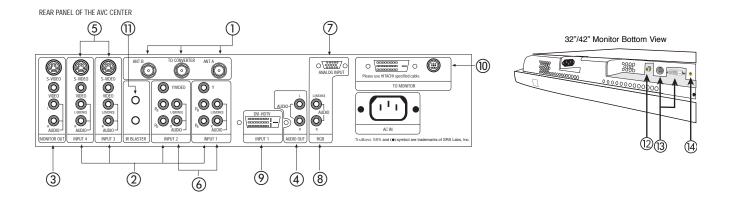
Use this jack for your head-phones. The TV's internal speakers can also be heard. Turn off the internal speakers (see page 46) if you wish to listen to the head-phones only.

(10) LEARNING AV NET Sensor

Point your equipment's remote control at this area while using the AV NET Learning Wizard.

NOTES: 1. Your HITACHI Plasma TV will appear to be turned OFF (lights orange) if there is no video input when VIDEO: 1, 2, 3, 4, 5, or RGB is selected. Check the Power Light to make sure the Display Monitor is turned off or in Stand-by mode (lights red) when not in use.

2. Remote Control can not turn ON/OFF the "MAIN POWER" of the display monitor.



1 Antenna Input/Output

The remote control allows you to switch between two separate 75-Ohm RF antenna inputs, ANT A and ANT B. ANT A input can be displayed as a main picture or sub-picture. ANT B can only be displayed as a main picture. (ANT B cannot be displayed as a sub-picture). The antenna output labeled "TO CONVERTER" allows the ANT A connection to pass directly to a different source such as a cable box, only when ANT B is displayed as a main picture.

(2) Audio/Video Inputs 1, 2, 3 and 4

The VID1~VID4 buttons will select each video source each time they are pressed. Use the audio and video inputs to connect external devices, such as VCRs, camcorders, laserdisc players, DVD players etc. (If you have mono sound, insert the audio cable into the left audio jack.)

(3) MONITOR OUT

These jacks provide fixed audio and video signals (ANT A/B, INPUT 2~5) which are used for recording. Use the S-VIDEO Output for high quality video output. Component signal to Input 1 and 2 will not have monitor output.

(4) AUDIO OUT

These jacks provide fixed audio output for all audio sources (ANT A/B, INPUT1~5, and RGB) to a separate stereo amplifier.

(5) S-VIDEO Inputs 3 and 4

Inputs 3 and 4 provide S-VIDEO (Super Video) jacks for connecting equipment with S-VIDEO output capability.

NOTES:

- 1. You may use VIDEO or S-VIDEO inputs to connect to INPUT 3 and 4, but only one of these inputs may be used at a
- 2. S-VIDEO output may be used for recording, only when the input is of S-VIDEO type.

(6) Component: Y-P_BP_R Inputs

Inputs 1 and 2 provide Y-P_BP_R jacks for connecting equipment with this capability, such as a DVD player or Set Top Box. You may use composite video signal for INPUT 2. INPUT 1 does not accept composite video signal.

NOTES:

- 1. DO NOT connect composite VIDEO and S-VIDEO to Input 3, 4 or 5 at the same time. S-Video has a higher priority over video input.
- Your component outputs may be labeled Y, B-Y, and R-Y. In this case, connect the components B-Y output to the AVC Box's P_B input and the components R-Y output to the AVC Box's P_R input.
- 3. Your component outputs may be labeled Y- C_BC_R . In this case, connect the component C_B output to the AVC Box's P_B input and the component C_B output to the AVC Box's P_B input.
- 4. It may be necessary to adjust TINT to obtain optimum picture quality when using the Y-PBPR inputs.
- 5. To ensure no copyright infringement, the MONITOR OUT output will be abnormal, when using the Y-P $_B$ P $_R$ jacks.

(7) RGB - Analog Input

Use this 15-pin D-Sub input for your external devices with RGB output.

(8) RGB - Audio Input

Connect audio for RGB input.

9 DVI - HDTV - Digital Input

Use this DVI Digital input for your external devices with digital output capability, such as a Set-Top-Box, high band DTV decoders and DVD players with digital content protection. DVI is INPUT 1 and has priority over component input. Signal priority are as follows; DVI, Component, S-Video, then composite. When using a Set-Top-Box, it is recommended to use a 1080i or 720p input signal.

(10) To Monitor

Connect the Monitor Connection Cable to the AVC center's "TO MONITOR" connector, and to the display monitors "FROM AVC" connector.



(11) IR Blaster

This jack provides IR output to your external components (VCR, Cable box, DVD player, etc.). With this connection, your external components can automatically be controlled by the AV network feature. This connection will allow you to control the external components with your Plasma Television's remote control in TV mode.

(12) Subwoofer Out

Connect this SUB WOOFER OUT output to the external audio component input using the sub woofer cable provided.



(13) To AVC

Connect the Monitor Connection cable from the AVC center's "TO MONITOR" to these connectors ("FROM AVC").

(14) SUB-POWER button

This power is for serviceman usage.

PDP MONITOR

Self Diagnostic

This button is also a troubleshooting aid, when a PDP monitor failure occurs, the pressing of the sub-power button, for more than 5 seconds, generates a blinking series of the power indicator light. See page 47 for self-diagnostic function.

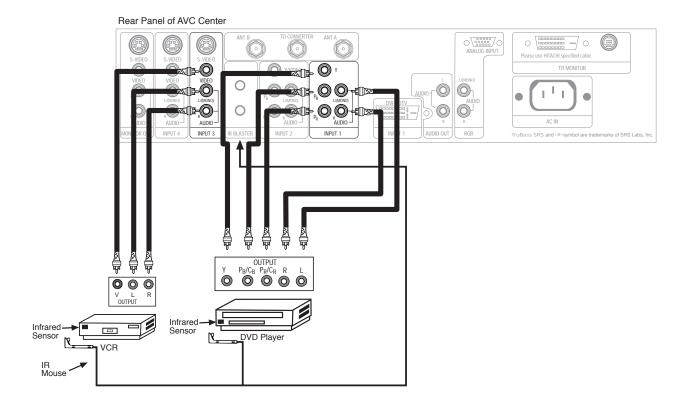
CONNECTING AV NETWORK

Your Hitachi Plasma Television is equipped with an AV Network feature. This feature helps to control your external Audio/Video equipment (VCR, Set Top Box, DVD, etc.). Once this is setup, it allows your IR Mouse connector to control your equipment using your Hitachi Plasma TV Remote Control. You can use your Hitachi remote control to control the Audio/Video equipment command without the equipment's remote control.

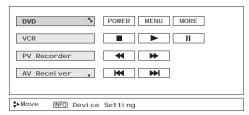
The Plasma Television AVC Center has 2 IR BLASTER jacks. Each IR Mouse cable can connect up to 2 external Audio/Video components. Therefore, you can connect the Plasma Television with up to four components. Please see the following example of an AV Network setup between your Hitachi Plasma Television and external Audio/Video equipment (VCR and DVD Player).

CONNECTING EXTERNAL AUDIO/VIDEO COMPONENTS TO IR BLASTER FOR AV NETWORK

- 1. Connect your external Audio/Video components to the AVC Center shown in the example below.
- 2. Connect the IR Mouse cable to the IR BLASTER output of the AVC Center.
- 3. Place the IR mouse in front of the infrared sensor of the external components you wish to control.



4. Press the AV NET button on the remote control. Use THUMB STICK ▲ or ▼ to highlight the component you wish to set up. Use THUMB STICK ▶ to enter component's "SOFT KEY" control button. The AV Network Setup Wizard will automatically start upon the very first use. You can access the Setup Menu Wizard again in the future by pressing the AV net button and then pressing the INFO button.

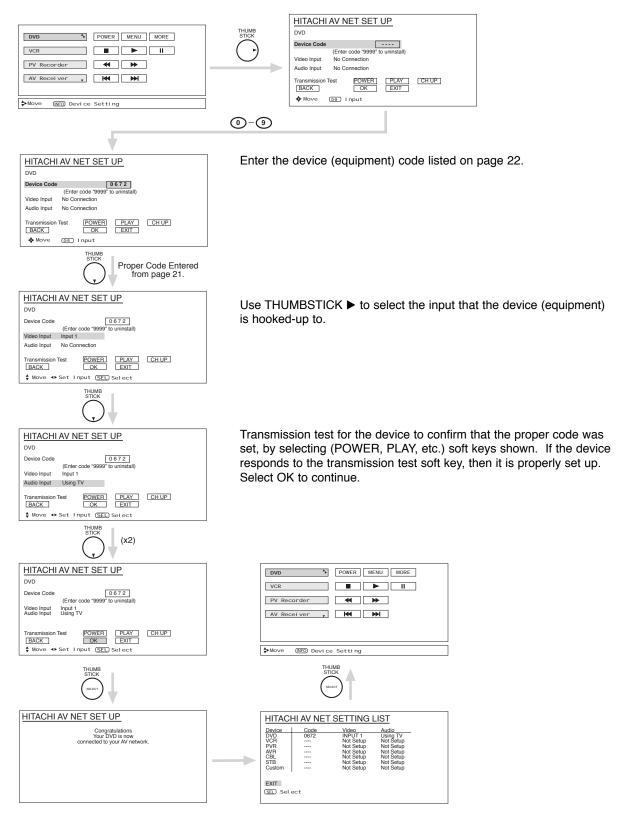


NOTES:

- 1. The AVC Center has two IR BLASTER outputs which can control up to a total of four external components.
- 2. The IR Mouse must be placed in front of the external components infrared sensor for the AV Network to work.
- 3. The correct codes must be entered for each of the Audio/Video components for the AV Network to function properly.
- 4. Audio/Video component codes for AV network are on page 22.

5. Follow the steps below to setup the AV network (See page 22 for AV Network Codes).

There are six steps in the setup procedure (VCR setup example below).



To uninstall or change device (equipment), press INFO button on the remote control when the device (DVD, VCR, etc.) is highlighted.

PT3-E/G AVC3-U

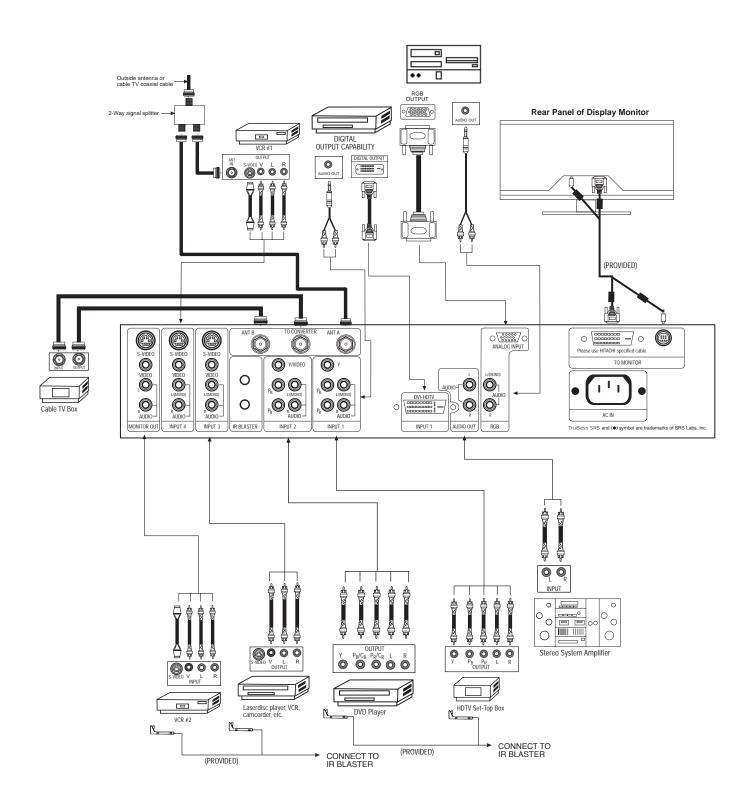
AUDIO/VIDEO CODES FOR AV NETWORK

VCR BRAN Admiral							
Admirai						0040	OODE
						0048,	0209
Adventura .							.0000
Aiko							0278
Aiwa						0000,	
Akai							0041
America Ac	tion						0278
American H	liah						
Asha							0240
Audiovox .						0037,	
Beaumark.							02/0
Bell & Howe							0104
				0404	0404		
Broksonic .				0121,			
1112					0479,	1479,	02/8
CCE						0072,	
Calix							
Canon							0035
Carver							0081
Cineral							0278
Citizen					0278,	0037,	1278
Colt							0072
Craig				0037	0072	0047	0240
Curtis Math	es	0035	0041	0060	0162	0760	1035
Cybernex .							
					0070	4070	0240
Daewoo							
Denon							0042
Dynatech .							
Electrohom	е						0037
Electrophor	ic						0037
Emerex							0032
Emerson .					0184.	0002,	0209
				0121	0000	0037	0043
Fisher						0104,	0047
Fuji						0033,	0035
Funai						,	UUUU
Funai GE Garrard	0005	0060	0340	0760	0907	1025	1000
GE	. 0033,	, 0000,	0240	, 0760,	0007,	1033,	1000
Garrard							0000
Go Video .							0432
GoldStar					0037,	0038,	1237
Gradiente.							0000
HI-Q							0047
Harley Davi	dson						0000
Harman/Ka						0038,	0081
Harwood .							0072
Hitachi					0000	0041	0072
Hitachi Hughes Ne					. 0000,	0041,	0042
nugnes ive	IWOIK 5	system	S				0042
JVC						0067,	
Jensen							0041
KEC						0037,	0278
KLH							0072
Kenwood					0041.	0067.	0038
Kodak						0035,	
LXI						0000,	0037
Lloyd's							0000
Logik							
MEI							0035
MGA						0043,	
MGN Techn	iology .						
							0240
MTC			 				
Magnasonio	 		 			0000,	1278
Magnasonio Magnavox	 3		 			0000,	1278
Magnasonio Magnavox	 	 			0035,	0000, 0081,	0240 1278 0563
Magnasonio Magnavox		 			0035,	0000, 0081, 0149,	0240 1278 0563 1781
Magnasonio Magnavox Magnin		 			0035,	0000, 0081, 0149,	0240 1278 0563 1781 0240
Magnasonio Magnavox Magnin Marantz		 			0035,	0000, 0081, 0149, 	0240 1278 0563 1781 0240 0035
Magnasonio Magnavox Magnin Marantz Marta			 	. 0000	0035,	0000, 0081, 0149, 	0240 1278 0563 1781 0240 0035 0037
Magnasonid Magnavox Magnin Marantz Marta Matsushita				. 0000,	0035, 0039,	0000, 0081, 0149, 0081,	0240 1278 0563 1781 0240 0035 0037 0454
Magnasonio Magnavox Magnin Marantz Marta				0000,	0035, 0039, 0035, 0037,	0000, 0081, 0149, 0081, 0162, 0104,	0240 1278 0563 1781 0240 0035 0037 0454 0209
Magnasonid Magnavox Magnin Marantz Marta Matsushita			0454	0000,	0035, 0039, 0035, 0035, 0037, 0039,	0000, 0081, 0149, 0081, 0162, 0104, 0240,	0240 1278 0563 1781 0240 0035 0037 0454 0209 0000
Magnasonio Magnavox Magnin Marantz Marta Matsushita Memorex			0454 0479		0035, 0039, 0035, 0035, 0037, 0039, , 1162,	0000, 0081, 0149, 0081, 0162, 0104, 0240, 1237,	0240 1278 0563 1781 0240 0035 0037 0454 0209 0000 1262
Magnasonio Magnavox Magnin Marantz Marta Matsushita Memorex			0454 0479		0035, 0039, 0035, 0035, 0037, 0039, , 1162,	0000, 0081, 0149, 0081, 0162, 0104, 0240, 1237,	0240 1278 0563 1781 0240 0035 0037 0454 0209 0000 1262
Magnasonid Magnavox 			0454	0000,		0000, 0081, 0149, 0081, 0162, 0104, 0240, 1237, 	0240 1278 0563 1781 0240 0035 0037 0454 0209 0000 1262 0042
Magnasonid Magnavox Magnin			0454	. 0000 		0000, 0081, 0149, 0081, 0162, 0104, 0240, 1237, 	0240 1278 0563 1781 0240 0035 0037 0454 0209 0000 1262 0042
Magnasonid Magnavox Magnin			0454	. 0000, 	0035, 0039, 0035, 0037, 0037, 0039, 1162,	0000, 0081, 0149, 0081, 0162, 0104, 0240, 1237, 0043, 0035, 0000,	0240 1278 0563 1781 0240 0035 0037 0454 0209 0000 1262 0042 0067 0048
Magnasonid Magnavox Magnin			0454	. 0000, 	0035, 0039, 0035, 0037, 0037, 0039, 1162,	0000, 0081, 0149, 0081, 0162, 0104, 0240, 1237, 0043, 0035, 0000,	0240 1278 0563 1781 0240 0035 0037 0454 0209 0000 1262 0042 0067 0048
Magnasonid Magnavox Magnin Marantz Marta Matsushita Memorex Minolta Mitsubishi Motorola Multitech NEC Nikko			0454	. 0000, 0047, ,0048, , 1037	0035, 0039, 0035, 0037, 0039, 1162, 0807,	0000, 	0240 1278 0563 1781 0240 0035 0037 0454 0209 0000 1262 0042 0067 0048 0072 0104 0037
Magnasonid Magnavox Magnin			0454 0479		0035, 0039, 0035, 0037, 0039, 1162, 0807,	0000, 0081, 0149, 0162, 0104, 0240, 1237, 0043, 0035, 0000, 0067,	0240 1278 0563, 1781 0240 0035 0037 0454 0209, 0000, 1262 0042 0067 0048 0072 0104 0037
Magnasonid Magnavox Magnin			0454 0479		0035, 0039, 0035, 0037, 0039, 1162, 0807,	0000, 0081, 0149, 0162, 0104, 0240, 1237, 0043, 0035, 0000, 0067,	0240 1278 0563, 1781 0240 0035 0037 0454 0209, 0000, 1262 0042 0067 0048 0072 0104 0037
Magnasonid Magnavox Magnin			0454 0479		0035, 0039, 0035, 0037, 0039, 1162, 0807,	0000, 0081, 0149, 0162, 0104, 0240, 1237, 0043, 0035, 0000, 0067,	0240 1278 0563, 1781 0240 0035 0037 0454 0209, 0000, 1262 0042 0067 0048 0072 0104 0037
Magnasonid Magnavox Magnin			0454 0479		0035, 0039, 0035, 0037, 0039, 1162, 0807,	0000, 0081, 0149, 0162, 0104, 0240, 1237, 0043, 0035, 0000, 0067,	0240 1278 0563, 1781 0240 0035 0037 0454 0209, 0000, 1262 0042 0067 0048 0072 0104 0037
Magnasonid Magnavox Magnin			0454 0479		0035, 0039, 0037, 0037, 0039, 1162, 0807,	0000, 0081, 0149, 0162, 0104, 0240, 1237, 0043, 0035, 0000, 0067,	0240 1278 0563, 1781 0240 0035 0037 0454 0209, 0000, 1262 0042 0067 0048 0072 0104 0037
Magnasonid Magnavox Magnin			0454 0479		0035, 0039, 0037, 0037, 0039, 1162, 0807,	0000, 0081, 0149, 0162, 0104, 0240, 1237, 0043, 0035, 0000, 0067,	0240 1278 0563, 1781 0240 0035 0037 0454 0209, 0000, 1262 0042 0067 0048 0072 0104 0037
Magnasonid Magnavox Magnin			0454 0479		0035, 0039, 0037, 0037, 0039, 1162, 0807,	0000, 	0240 1278 0563, 1781 0240 0035 0037 0454 0209, 0000, 1262 0042 0067 0048 0072 0104 0037
Magnasonid Magnavox Magnin			0454 0479		0035, 0039, 0037, 0037, 0039, 1162, 0807,	0000, 	0240 1278 0563, 1781 0240 0035 0037 0454 0209, 0000, 1262 0042 0067 0048 0072 0104 0037
Magnasonid Magnavox Magnin			0454 0479		0035, 0039, 0037, 0037, 0039, 1162, 0807,	0000, 	0240 1278 0563, 1781 0240 0035 0037 0454 0209, 0000, 1262 0042 0067 0048 0072 0104 0037
Magnasonid Magnavox Magnin			0454 0479		0035, 0039, 0035, 0037, 0039, 1162, 0807,	0000, 	0240 1278 0563, 1781 0240 0035 0037 0454 0209, 0000, 1262 0042 0067 0048 0072 0104 0037
Magnasonid Magnavox Magnin			0454 0479		0035, 0039, 0035, 0037, 0039, 1162, 0807,	0000, 	0240 1278 0563, 1781 0240 0035 0037 0454 0209, 0000, 1262 0042 0067 0048 0072 0104 0037
Magnasonid Magnavox Magnin			0454 0479		0035, 0039, 0035, 0037, 0039, 1162, 0807,	0000, 	0240 1278 0563, 1781 0240 0035 0037 0454 0209, 0000, 1262 0042 0067 0048 0072 0104 0037
Magnasonid Magnavox Magnin			0454 0479		0035, 0039, 0035, 0037, 0039, 1162, 0807,	0000, 	0240 1278 0563, 1781 0240 0035 0037 0454 0209, 0000, 1262 0042 0067 0048 0072 0104 0037
Magnasonic Magnin Magnin Magnin Marantz Marta Matsushita Matsushita Memorex Minolta Minolta Mitsubishi. Mitsubishi. Mitsubishi. Mitsubishi. Otorola Multitech NEC Nikko Noblex Olympus Orion Panasonic. Penney Pentax Philico		. 0104,	0454 0479 0432 0184 062, 0		0035, 0039, 1162, 0041, 0041, 1035, 0037, 0038, 0035, 0037, 0038, 0035, 0618	0000, 	0240 1278 0563 0037 0454 00020 0040 0040 0040 0047 0047 0045 0045 004
Magnasonic Magnin Magnin Magnin Magnin Marantz Marta Marta Marta Marta Matsushita Memorex Minolta Mitsubishi Motorola Multitech NEC Nikko Olympus Optimus Orion Penney Pentax Philico Philips Pilot			0454 0479 0432 0184 062, C	0047, 0048, , 1037 0038, 0038, 0059, 0059, 0059, 0059, 0035, 0035, 0035,	0035, 0039, 0039, 1162, 0031, 1035, 0041, 0041, 0041, 0036, 1035, 0037, 0038, 0036, 0618, 0036, 0618, 0037, 0038, 0036, 0618, 0037, 0037, 0038, 0037,	0000, 00081, 0149, 0162, 0104, 0240, 0035, 0035, 0035, 0040, 0162, 0162, 0247, 0162, 0240, 1162, 0240, 1035, 1035, 1035,	0240 1278 0563 0037 0454 0035 0037 0454 0067 0040 0067 0040 1262 0042 1479 0045 1262 0042 1237 0042 1237 0042 1237 0042 1237 0043
Magnasonic Magnin Magnin Magnin Magnin Marantz Marta Matsushita Matsushita Memorex Minolta Mitsubishi. Motorola Multitech Nicko Olympus Optimus Orion Panasonic Penney Pentax Philips Philips Pilot Philips Pilot Pioneer			0454 0479 0432 0184 062, 0		0035, 0039, 0039, 0037, 0039, 1162, 0041, 0041, 11625, 1035, 0037, 0038,	0000, 0081, 0149, 0081, 0162, 0104, 0240, 1237, 0003, 1162, 0479, 0225, 0216, 1035, 029, 1081,	0240 1278 0563 072 0035 0037 0045 0040 0067 0048 0072 0104 0035 0048 1262 1262 1262 1263 0042 0042 0042 0042 0042 0042 0045 1262 1262 1263 1263 1263 1263 1263 1263
Magnasonid Magnavox Magnin Magnavox Magnin Marantz Marta Marta Marta Matsushita Memorex Minolta Mitsubishi Motorola Multitech NEC Nikko Olympus Oorion Panasonic Penney Pentax Philco Philco Philo Pliot Polio er Polio Polik Audio		0104,	0454 0479 0432 0184 062, 0	0047, 0048, 1097 0038, 0038, 0035, 00616 0035,	0035, 0039, 0039, 0037, 0039, 1162, 0807, 0162, 1035, 1036, 0037, 0038, 0035, 0618	0000, 00081, 0149, 0162, 0104, 0240, 1237, 0043, 00035, 0000, 0055, 1162, 0226, 1026, 1035, 1162, 0240, 1035,	0240 1278 0563 1781 0240 0035 0037 0454 0009 0000 1262 0042 0067 0048 1262 0042 1479 0045 1262 0042 1237 0042 1237 0042 1237 0045
Magnasonid Magnain Magnin Magnin Magnin Magnin Marantz Marta Marta Matsushita Memorex Minotta Milisubishi Motorola Multitech Nicko Olympus Optimus Orion Penney Pentax Philico Philips Philips Philips Plilor Pioneer Polk Audio Porofitronier		0104,	0454 0479 0432 0184 062, 0	0000, 0047, 0048, 1062, 0038, 00454, 0209, 0035, 0035, 0035,	0035, 0039, 0039, 0037, 0039, 1162, 0807, 0162, 1048, 0002, 11625, 1035, 0035, 0035, 0036, 0618,	0000, 00081, 0149, 0081, 0162, 0104, 1237, 0043, 0035, 0000, 0067, 1162, 0479, 1162, 0240, 1162, 0240, 1162, 0240, 1162, 0240, 1162, 0240, 1162, 0240, 1162, 0240, 1162, 0240, 1162, 0240, 1162, 0240, 1162, 0240, 1162, 0240, 1162, 0240, 1162, 0240, 1162, 0240,	0240 1278 00563 0037 0454 0000 1262 0067 0042 0067 0044 0037 0045 1262 0042 1237 0042 1237 0042 1237 0042 1237 0042 1237 0042 1237 0042 1237 0042 1237 0042
Magnasonic Magnin Magnin Magnin Magnin Marantz Marta Marta Matsushita Memorex Minolta Mitsubishi Motorola Multitech NEC Nikko Olympus Optimus Optimus Optimus Penney Pentax Philco Philco Pioneer Polik Audio Prolk Audio Profikorioic Proscan		. 0104,	0454 0479 0432 0184 062, C	0047, 0048, 1037 0038, 1062, 0454, 0209, 035, 0616 0035,	0035, 0039, 0037, 0039, 1162, 0807, 0041, 0162, 1048, 0002, 11625, 0037, 0038, 0035, 0618,	0000, 00081, 0149, 0081, 0162, 00104, 00240, 1237, 0003, 0067, 1162, 0027, 1162, 0028, 1162, 0028, 1162, 00240, 1035, 10	0240 1278 00563 1781 0240 0035 0037 0454 0002 0012 0067 0042 1262 1479 1181 0067 0048 1262 0479 1181 0067 0068 1067 0068
Magnasonic Magnin Magnin Magnin Magnin Marantz Marta Marta Matsushita Memorex Minolta Mitsubishi Motorola Multitech NEC Nikko Olympus Optimus Optimus Optimus Penney Pentax Philco Philco Pioneer Polik Audio Prolk Audio Profikorioic Proscan		. 0104,	0454 0479 0432 0184 062, C	0047, 0048, 1037 0038, 1062, 0454, 0209, 035, 0616 0035,	0035, 0039, 0037, 0039, 1162, 0807, 0041, 0162, 1048, 0002, 11625, 0037, 0038, 0035, 0618,	0000, 00081, 0149, 0081, 0162, 00104, 00240, 1237, 0003, 0067, 1162, 0027, 1162, 0028, 1162, 0028, 1162, 00240, 1035, 10	0240 1278 00563 1781 0240 0035 0037 0454 0002 0012 0067 0042 1262 1479 1181 0067 0048 1262 0479 1181 0067 0068 1067 0068
Magnasonic Magnin Magnin Magnin Magnin Marantz Marta Marta Matsushita Memorex Minolta Mitsubishi Motorola Multitech NEC Nikko Olympus Optimus Optimus Optimus Penney Pentax Philco Philco Pioneer Polik Audio Prolk Audio Profikorioic Proscan		. 0104,	0454 0479 0432 0184 062, C	0047, 0048, 1037 0038, 1062, 0454, 0209, 035, 0616 0035,	0035, 0039, 0037, 0039, 1162, 0807, 0041, 0162, 1048, 0002, 11625, 0037, 0038, 0035, 0618,	0000, 00081, 0149, 0081, 0162, 00104, 00240, 1237, 0003, 0067, 1162, 0027, 1162, 0028, 1162, 0028, 1162, 00240, 1035, 10	0240 1278 00563 1781 0240 0035 0037 0454 0002 0012 0067 0042 1262 1479 1181 0067 0048 1262 0479 1181 0067 0068 1067 0068
Magnasonid Magnavox Magnin Magnin Magnin Marantz Marta Marta Marta Marta Marta Minolta Mitsubishi Motorola Multitech Nicko Olympus Optimus Orion Penney Pentax Philico Philips Philips Piliot Pioneerd Polk Audio Protec Proscan Protec Pulsar		. 0104,	0454 0479 0432 0184 062, C	. 00000, . 0047, . 0048, . 1037 . 0038, . 0035, . 0209, . 035, . 0035, . 0035, . 0035	0035, 0039, 0037, 0031, 0041, 0041, 0041, 00618, 0060,	0000, 00081, 0149, 0162, 0162, 0104, 0240, 0037, 1162, 0479, 0225, 1162, 0240, 1035, 1040, 1081,	0240 1278 00563 1781 0240 0035 00454 00209 0040 00454 0072 0104 0047 00454 1262 0042 1181 0037 00454 0047 00454 0047 0047 0047 0047 0
Magnasonid Magnavox Magnin Magnin Magnarut Marantz Marta Marta Marta Marta Minolta Mitsubishi Motorola Multitech Nicko Olympus Optimus Orion Penney Pentax Philico Philips Philips Piliot Pioneerl Polk Audio Profetronic Prosea		. 0104,	0454 0479 0432 0184 062, C	. 00000, . 0047, . 0048, . 1037 . 0038, . 0035, . 0209, . 035, . 0035, . 0035, . 0035	0035, 0039, 0037, 0031, 0041, 0041, 0041, 00618, 0060, 0060, 0060, 0065, 0065, 0065, 0065, 0065, 0066,	0000, 00081, 0149, 0162, 0162, 0104, 0240, 0037, 1162, 0479, 0225, 1162, 0240, 1035, 1040, 1081,	0240 1278 00563 1781 0240 0035 00454 00209 0040 00454 0072 0104 0047 00454 1262 0042 1181 0037 00454 0047 00454 0047 0047 0047 0047 0
Magnasonid Magnavox Magnin Magnin Magnarut Marantz Marta Marta Marta Marta Minolta Mitsubishi Motorola Multitech Nicko Olympus Optimus Orion Penney Pentax Philico Philips Philips Piliot Pioneerl Polk Audio Profetronic Prosea		. 0104,	0454 0479 0432 0184 062, C	. 00000, . 0047, . 0048, . 1037 . 0038, . 0035, . 0209, . 035, . 0035, . 0035, . 0035	0035, 0039, 0037, 0031, 0041, 0041, 0041, 00618, 0060, 0060, 0060, 0065, 0065, 0065, 0065, 0065, 0066,	0000, 00081, 0149, 0162, 0162, 0104, 0240, 0037, 1162, 0479, 0225, 1162, 0240, 1035, 1040, 1081,	0240 1278 00563 1781 0240 0035 00454 00209 0040 00454 0072 0104 0047 00454 1262 0042 1181 0037 00454 0047 00454 0047 0047 0047 0047 0
Magnasonid Magnavox Magnin Magnin Magnarut Marantz Marta Marta Marta Marta Minolta Mitsubishi Motorola Multitech Nicko Olympus Optimus Orion Penney Pentax Philico Philips Philips Piliot Pioneerl Polk Audio Profetronic Prosea		. 0104,	0454 0479 0432 0184 062, C	. 00000, . 0047, . 0048, . 1037 . 0038, . 0035, . 0209, . 035, . 0035, . 0035, . 0035	0035, 0039, 0037, 0031, 0041, 0041, 0041, 00618, 0060, 0060, 0060, 0065, 0065, 0065, 0065, 0065, 0066,	0000, 00081, 0149, 0162, 0162, 0104, 0240, 0037, 1162, 0479, 0225, 1162, 0240, 1035, 1040, 1081,	0240 1278 00563 1781 0240 0035 00454 00209 0040 00454 0072 0104 0047 00454 1262 0042 1181 0037 00454 0047 00454 0047 0047 0047 0047 0
Magnasonid Magnavox Magnin Magnin Magnarut Marantz Marta Marta Marta Marta Minolta Mitsubishi Motorola Multitech Nicko Olympus Optimus Orion Penney Pentax Philico Philips Philips Piliot Pioneerl Polk Audio Profetronic Prosea		. 0104,	0454 0479 0432 0184 062, C	. 00000, . 0047, . 0048, . 1037 . 0038, . 0035, . 0209, . 035, . 0035, . 0035, . 0035	0035, 0039, 0037, 0031, 0041, 0041, 0041, 00618, 0060, 0060, 0060, 0065, 0065, 0065, 0065, 0065, 0066,	0000, 00081, 0149, 0162, 0162, 0104, 0240, 0037, 1162, 0479, 0225, 1162, 0240, 1035, 1040, 1081,	0240 1278 00563 1781 0240 0035 00454 00209 0040 00454 0072 0104 0047 00454 1262 0042 1181 0037 00454 0047 00454 0047 0047 0047 0047 0
Magnasonid Magnavox Magnin Magnin Magnarut Marantz Marta Marta Marta Marta Minolta Mitsubishi Motorola Multitech Nicko Olympus Optimus Orion Penney Pentax Philico Philips Philips Piliot Pioneerl Polk Audio Profetronic Prosea		. 0104,	0454 0479 0432 0184 062, C	. 00000, . 0047, . 0048, . 1037 . 0038, . 0035, . 0209, . 035, . 0035, . 0035, . 0035	0035, 0039, 0037, 0031, 0041, 0041, 0041, 00618, 0060, 0060, 0060, 0065, 0065, 0065, 0065, 0065, 0066,	0000, 00081, 0149, 0162, 0162, 0104, 0240, 0037, 1162, 0479, 0225, 1162, 0240, 1035, 1040, 1081,	0240 1278 00563 1781 0240 0035 00454 00209 0040 00454 0072 0104 0047 00454 1262 0042 1181 0037 00454 0047 00454 0047 0047 0047 0047 0
Magnasonic Magnin Magnarox Magnin Magnin Marantz Marta Marta Marta Marta Marta Marta Minolta Mitsubishi Motorola Multitech Nicko Olympus Opimus Orion Penney Pentax Philico Profitronic Proscan Protec Pulsar Quasar RCA Radio Shac Radio Randex Radio Randex Radio Randex R	k.	. 0104,	0454 0479 0432 0432 062, C	0000, 00047, 00048, 1062, 0454, 0209, 035, 0616, 0035, , 0035,	0035, 0039, 1162, 0037, 0039, 1162, 1035, 0037, 0039, 1062, 0037, 0038, 0035, 0618, 0060, 0454, 0807,	0000, 0081, 0149, 0162, 0104, 0240, 1237, 0043, 0067, 1162, 0240, 1035, 0225, 0240, 1035, 0200, 1035, 0200,	0240005050505050505050505050505050505050
Magnasonic Magnain Magnain Magnain Magnain Marantz Marta Marta Marta Marta Marta Marta Minolta Mitsubishi Motorola Multitech NEC Niklos Olympus Olympus Olympus Optimus Penney Pentax Philips Pioneer Polk Audio Profitronic Proscan Protec Pulsar Quasar RCA Radio Shac Radis	, , , , , , , , , , , , , , , , , , ,	. 0104,	0454 0479 0432 0184 062, C	00000, 00047, 0048, 1037 0038, 0454, 0209, 035, 0616 0035,	0035, 0039, 1162, 0037, 0039, 1162, 1048, 0002, 10454, 00618	0000, 0001, 0162, 0104, 00240, 1237, 0043, 0035, 1162, 0240, 1162, 0240, 1035, 1035, 0240, 1035,	0240 0250 0263 1781 0240 0035 0037 0454 00209 0000 00209 0000 0062 0045 0045 0045 0045 0045 0045 0045 004
Magnasonic Magnain Magnain Magnain Magnain Marantz Marta Marta Marta Marta Marta Marta Minolta Mitsubishi Motorola Multitech NEC Niklos Olympus Olympus Olympus Optimus Penney Pentax Philips Pioneer Polk Audio Profitronic Proscan Protec Pulsar Quasar RCA Radio Shac Radio Shac Radio Shac Radio Shac Radios Radios Candal	, , , , , , , , , , , , , , , , , , ,	. 0104,	0454 0479 0432 0184 062, 0	00000, 00047, 0048, 1037 0038, 0454, 0209, 035, 0616 0035, 0162, 0035,	0035, 0039, 1162, 0037, 0039, 1162, 1048, 0002, 10454, 00618	0000, 0001, 0162, 0104, 00240, 1237, 0043, 0035, 1162, 0240, 1162, 0240, 1035, 1035, 0240, 1035,	0240 0250 0263 1781 0240 0035 0037 0454 00209 0000 00209 0000 0062 0045 0045 0045 0045 0045 0045 0045 004
Magnasonic Magnain Magnavox Magnin Magnain Marantz Marta Marta Marta Matsushita Memorex Minolta Mitsubishi Motorola Multitech NEC Noblex Olympus Orion Panasonic Penney Pentax Philips Piot Pentax Philips Piot Poscan Proscan Proscan Proscan Roda Radio Shac Radio Sh	, , , , , , , , , , , , , , , , , , ,	0104,	0454 0479 0432 0184 062, C	0000, 00047, 00048, 1062, 0454 0209, 0035, 0035, 0035, 0162, 0035, 00616, 0035,	0035, 0039, 0035, 0037, 0041, 11625, 1035, 0037, 0038, 00618, 00454, 00454, 00454, 00447, 00447, 00447, 00447, 00447, 00447, 00447, 0047,	0000, 0081, 0162, 0162, 0162, 0164, 0162, 0164,	0240 0250 1781 0240 0035 0037 0454 00209 0000 0012 0045 0045 0045 0045 0045 0045 0045 004
Magnasonic Magnain Magnavox Magnin Magnain Marantz Marta Marta Marta Matsushita Memorex Minolta Mitsubishi Motorola Multitech NEC Noblex Olympus Orion Panasonic Penney Pentax Philips Piot Pentax Philips Piot Poscan Proscan Proscan Proscan Roda Radio Shac Radio Sh	, , , , , , , , , , , , , , , , , , ,	0104,	0454 0479 0432 0184 062, C	0000, 00047, 00048, 1062, 0454 0209, 0035, 0035, 0035, 0162, 0035, 00616, 0035,	0035, 0039, 0035, 0037, 0041, 11625, 1035, 0037, 0038, 00618, 00454, 00454, 00454, 00447, 00447, 00447, 00447, 00447, 00447, 00447, 0047,	0000, 0081, 0162, 0162, 0162, 0164, 0162, 0164,	0240 0250 1781 0240 0035 0037 0454 00209 0000 0012 0045 0045 0045 0045 0045 0045 0045 004
Magnasonic Magnain Magnavox Magnin Magnain Marantz Marta Marta Marta Matsushita Memorex Minolta Mitsubishi Motorola Multitech NEC Noblex Olympus Orion Panasonic Penney Pentax Philips Piot Pentax Philips Piot Poscan Proscan Proscan Proscan Roda Radio Shac Radio Sh	, , , , , , , , , , , , , , , , , , ,	0104,	0454 0479 0432 0184 062, C	0000, 00047, 00048, 1062, 0454 0209, 0035, 0035, 0035, 0162, 0035, 00616, 0035,	0035, 0039, 0035, 0037, 0041, 11625, 1035, 0037, 0038, 00618, 00454, 00454, 00454, 00447, 00447, 00447, 00447, 00447, 00447, 00447, 0047,	0000, 0081, 0162, 0162, 0162, 0164, 0162, 0164,	0240 0250 1781 0240 0035 0037 0454 00209 0000 0012 0045 0045 0045 0045 0045 0045 0045 004
Magnasonic Magnain Magnavox Magnin Magnain Marantz Marta Marta Marta Matsushita Memorex Minolta Mitsubishi Motorola Multitech NEC Noblex Olympus Orion Panasonic Penney Pentax Philips Piot Pentax Philips Piot Poscan Proscan Proscan Proscan Roda Radio Shac Radio Sh	, , , , , , , , , , , , , , , , , , ,	0104,	0454 0479 0432 0184 062, C	0000, 00047, 00048, 1062, 0454 0209, 0035, 0035, 0035, 0162, 0035, 00616, 0035,	0035, 0039, 0035, 0037, 0041, 11625, 1035, 0037, 0038, 00618, 00454, 00454, 00454, 00447, 00447, 00447, 00447, 00447, 00447, 00447, 0047,	0000, 0081, 0162, 0162, 0162, 0164, 0162, 0164,	0240 0250 1781 0240 0035 0037 0454 00209 0000 0012 0045 0045 0045 0045 0045 0045 0045 004
Magnasonic Magnain Magnavox Magnin Magnain Marantz Marta Marta Marta Matsushita Memorex Minolta Mitsubishi Motorola Multitech NEC Noblex Olympus Orion Panasonic Penney Pentax Philips Piot Pentax Philips Piot Poscan Proscan Proscan Proscan Roda Radio Shac Radio Sh	, , , , , , , , , , , , , , , , , , ,	0104,	0454 0479 0432 0184 062, C	0000, 00047, 00048, 1062, 0454 0209, 0035, 0035, 0035, 0162, 0035, 00616, 0035,	0035, 0039, 0035, 0037, 0041, 11625, 1035, 0037, 0038, 00618, 00454, 00454, 00454, 00447, 00447, 00447, 00447, 00447, 00447, 00447, 0047,	0000, 0081, 0162, 0162, 0162, 0164, 0162, 0164,	0240 0250 1781 0240 0035 0037 0454 00209 0000 0012 0045 0045 0045 0045 0045 0045 0045 004
Magnasonic Magnin Magnavox Magnin Magnarin Marantz Marta Marta Marta Marta Marta Matsushita Memorex Minolta Mitsubishi Motorola Multitech Nikko Noblex Olympus Optimus Orion Penney Pentax Philos Pioneer Polk Audio Profitronic Proscan Protec Pulsar Quasar RCA Radio Shac Radios Shac Radios Randex Realisti Registic Registic Registic Randex Resistic Registic Randex Resistic	k.	1 0104,	0454 0479 0432 0184 062, 0	0000, 0047, 00048, 1082, 04544 0209, 0035, 0616 0035, 0616, 0760, 0760,	0035, 0039, 0035, 0037, 1162, 1048, 0002, 11625, 1035, 0618, 0060, 041, 0041, 0047, 0047, 0047, 0047, 0047, 0041,	0000, 0081, 0169, 0081, 0162, 0091, 0091, 0091, 0091, 0091, 0091, 1162, 0240, 0194,	0240 00050 0
Magnasonic Magnin Magnavox Magnin Magnarin Marantz Marta Marta Marta Marta Marta Matsushita Memorex Minolta Mitsubishi Motorola Multitech Nikko Noblex Olympus Optimus Orion Penney Pentax Philos Pioneer Polk Audio Profitronic Proscan Protec Pulsar Quasar RCA Radio Shac Radios Shac Radios Randex Realisti Registic Registic Registic Randex Resistic Registic Randex Resistic	k.	1 0104,	0454 0479 0432 0184 062, 0	0000, 0047, 00048, 1082, 04544 0209, 0035, 0616 0035, 0616, 0760, 0760,	0035, 0039, 0035, 0037, 1162, 1048, 0002, 11625, 1035, 0618, 0060, 041, 0041, 0047, 0047, 0047, 0047, 0047, 0041,	0000, 0081, 0169, 0081, 0162, 0091, 0091, 0091, 0091, 0091, 0091, 1162, 0240, 0194,	0240 00050 0
Magnasonid Magnavox Magnin Magnavox Magnin Marantz Marta Marta Marta Marta Matsushita Memorex Minolta Mitsubishi Motorola Multitech NEC Nikko Noblex Olympus Orion Panasonic Penney Pentax Philco Phillob Polit Audio Profitronic Proscan Protec Pulsar RCA Radio Shace Radio	k	0104,	0454 0479 0432 0432 0184 062, 0	00000, 0047, 0048, 1037 0038, 1062, 0454 00209, 035, 0035, 0035, 0036, 0036, 0036, 0048,	0035, 0039, 0035, 0037, 00454, 0047, 00441, 0047, 0045, 0045, 0045, 0045, 0045, 0045, 0045, 0045, 0045, 0045, 0045, 0047, 0047, 0047, 0047, 0045	0000, 0001, 0103, 00000, 00000	0240 0050 0050 0050 0050 0050 0050 0050
Magnasonid Magnavox Magnin Magnavox Magnin Marantz Marta Marta Marta Marta Marta Matsushita Memorex Minotta Misubishi Motorola Multitech Nicko Olympus Optimus Orion Penney Pentax Philico Pinore Pentax Philico Pinore Polik Audio Piliot Pioneer Olk Audio Radio Radio Radio Radio Radio Sansu	, , , , , , , , , , , , , , , , , , ,	0104,	0454 0479 0432 0184 062, 0 0081	. 00000, 	0035, 0039, 0035, 0037, 1162, 1048, 0041, 1035, 0618	0000,	0240 0563 1781 00563 1781 0037 00454 00209 00454 00000 00000 1262 0042 0042 1262 0048 1262 0048 1262 0048 1262 0048 1262 0048 1262 0048 1262 0048 0049 0049 0049 0049 0049 0049 0049
Magnasonid Magnavox Magnin Magnavox Magnin Marantz Marta Marta Marta Marta Marta Matsushita Memorex Minotta Misubishi Motorola Multitech Nicko Olympus Optimus Orion Penney Pentax Philico Pinore Pentax Philico Pinore Polik Audio Piliot Pioneer Olk Audio Radio Radio Radio Radio Radio Sansu	, , , , , , , , , , , , , , , , , , ,	0104,	0454 0479 0432 0184 062, 0 0081	. 00000, 	0035, 0039, 0035, 0037, 1162, 1048, 0041, 1035, 0618	0000,	0240 0563 1781 00563 1781 0037 00454 00209 00454 00000 00000 1262 0042 0042 1262 0048 1262 0048 1262 0048 1262 0048 1262 0048 1262 0048 1262 0048 0049 0049 0049 0049 0049 0049 0049
Magnasonid Magnavox Magnin Magnavox Magnin Marantz Marta Marta Marta Marta Marta Matsushita Memorex Minotta Misubishi Motorola Multitech Nicko Olympus Optimus Orion Penney Pentax Philico Pinore Pentax Philico Pinore Polik Audio Piliot Pioneer Olk Audio Radio Radio Radio Radio Radio Sansu	, , , , , , , , , , , , , , , , , , ,	0104,	0454 0479 0432 0184 062, 0 0081	. 00000, 	0035, 0039, 0035, 0037, 1162, 1048, 0041, 1035, 0618	0000,	0240 0563 1781 00563 1781 0037 00454 00209 00454 00000 00000 1262 0042 0042 1262 0048 1262 0048 1262 0048 1262 0048 1262 0048 1262 0048 1262 0048 0049 0049 0049 0049 0049 0049 0049
Magnasonid Magnavox Magnin Magnavox Magnin Marantz Marta Marta Marta Marta Matsushita Memorex Minolta Mitsubishi Motorola Multitech NEC Nikko Noblex Olympus Orion Panasonic Penney Pentax Philco Phillob Polit Audio Profitronic Proscan Protec Pulsar RCA Radio Shace Radio	, , , , , , , , , , , , , , , , , , ,	0104,	0454 0479 0432 0184 062, 0 0081	. 00000, 	0035, 0039, 0035, 0037, 1162, 1048, 0041, 1035, 0618	0000,	0240 0563 1781 00563 1781 0037 00454 00209 00454 00000 00000 1262 0042 0042 1262 0048 1262 0048 1262 0048 1262 0048 1262 0048 1262 0048 1262 0048 0049 0049 0049 0049 0049 0049 0049

_						
Shoaun						0240
Singer						0072
Sonic Blue					0614.	0616
Shogun Singer Sonic Blue Sony OC Sylvania Symphonic TMK Tatung Teac Technics Teknika Thomas Tivo	135 0032	0000	0033	0636	1032	1232
Culvania	JJJ, 00JZ	, 0000,	0000,	0000,	0042	1701
Sylvania		. 0035,	, 0081,	0000,	0043,	1/81
Symphonic						0000
TMK						0240
Tatung						0041
Teac					0000,	0041
Technics					0035,	0162
Teknika				0000.	0035.	0037
Thomas				,	0618, 5, 0043	0000
Tivo					0619	0636
Tashiba				0045	0010,	0030
TOSHIDA				. 0045	0, 0043	0, 845
Tivo Toshiba Totevision Unitech Vector Vector Researc Video Concept Videomagic Videosonic Wards White Westingt XR-1000 Yamaha Zenith					0037,	0240
Unitech						0240
Vector						0045
Vector Research	h					0038
Video Concepts	s					0045
Videomagic						0037
Videosonic						0240
Marda			0060	0025	0040	0047
vvalus			0000,	0033,	0046,	0047,
	J8 I, U24U	, 0000,	, 0042,	0072,	0149,	0760
White Westingh	nouse			0072,	12/8,	0209
XR-1000				0072,	0000,	0035
Yamaha						0038
Zenith			0039,	0000,	0209,	0033,
	0479	, 1479,	0033.	0034,	0209,	0479
DVD BRAND.						ODE
Aiwo						0641
Aiwa Apex			0670	0747		07041
мрех			00/2,	0/1/,	0/55,	0/94,
			0/95,	υ/96,	υ/97,	0830
Audiologic B & K Blue Parade						0736
В&К					0655,	0662
Blue Parade						0571
Brooksonic						0695
DVD2000						0521
DVD2000 Daewoo Denon						0724
Danor					0400	0004
Denon Emerson					υ 49 0,	0034
Emerson						0591
Enterprise						0591
Fisher						0670
GE				0522,	0717,	0815
GPX					0699	0769
Go Video					,	0715
Gradiente						0651
Ozaanhill						0031
Emerson Enterprise Fisher GE GPX Go Video Gradiente Greenhill Harman/Kardor						0/1/
Harman/Kardor	n				0582,	0702
Hitachi					0573,	0664
Hiteker						0672
JBL						0702
Hitachi				0623.	0558.	0867
KI H				,	,	0717
Konwood				0490	0534	0000
Renwood						
Konka				0730,	0710	0082
Konka				0711,	0719,	0721
Konka				0711,	0719,	0721 0651
Konka				0711,	0719,	0721 0651 0798
Konka Koss Lasonic Magnavox				0711,	0719,	0721 0651 0798 0675
						0702
						0702
						0539
				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
KLH Kenwood. Konka Konsa Lasonic Magnavox. Malata Microsoft Mintek Mitsubishi Nesa Oritron Panasonic Piniles Pioneer Polk Audio Princeton Proscan RCA Samsung Sansui Sansui				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz				 		0539 0522 0717
Marantz Microsoft Microsoft Mintek Mitsubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RoA Samsung Sansui Sanyo Sharp Sharp Sherwood Sony Sylvania Technics Technics Technics Technics			0503,	0490, 0539, 0525,	0627, 1362, 0646, 0571, 1022, 0573,	0539 0522 0717 0521 0717 0503 0651 0632 0854 0632 0717 0820 0695 0670 0693 0693 0693
Marantz Microsoft Microsoft Mintek Mitsubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RoA Samsung Sansui Sanyo Sharp Sharp Sherwood Sony Sylvania Technics Technics Technics Technics			0503,	0490, 0539, 0525,	0627, 1362, 0646, 0571, 1022, 0573,	0539 0522 0717 0521 0717 0503 0651 0632 0854 0632 0717 0820 0695 0670 0693 0693 0693
Marantz Microsoft Microsoft Mintek Mitsubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RoA Samsung Sansui Sanyo Sharp Sharp Sherwood Sony Sylvania Technics Technics Technics Technics			0503,	0490, 0539, 0525,	0627, 1362, 0646, 0571, 1022, 0573,	0539 0522 0717 0521 0717 0503 0651 0632 0854 0632 0717 0820 0695 0670 0693 0693 0693
Marantz Microsoft Microsoft Misubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RCA Samsung Sansui Samsui Sanyo Sharp Sherwood Sony Sylvania Technics Technics Technoca Technics Technoca Toshiba Urban Concept Yamaha	S		0503,	0490, 0539, 0525, 0571,	0627, 1362, 0571, 1022, 0573, 0503,	070529 0717 0521 0717 0523 0651 0632 0539 0674 0692 0717 0820 0695 0670 0633 0533 0533 0533 0674 0692 0695 0670 0695 0695 0690 0695
Marantz Microsoft Microsoft Misubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RCA Samsung Sansui Samsui Sanyo Sharp Sherwood Sony Sylvania Technics Technics Technoca Technics Technoca Toshiba Urban Concept Yamaha	S		0503,	0490, 0539, 0525, 0571,	0627, 1362, 0571, 1022, 0573, 0503,	070529 0717 0521 0717 0523 0651 0632 0539 0674 0692 0717 0820 0695 0670 0633 0533 0533 0633 0633 0634 0692 0695 0670 0695 0670 0695 0695 0695 0695 0695
Marantz Microsoft Microsoft Mintek Mitsubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RCA Samsung Sansui Sanyo Sharp Sharp Sharp Sharp Technics Technics Technoca Technics Techn	is		0503,	0490, 0539, 0525, 0571,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0545, 0591,	07052 0717 0521 0521 0521 0521 0521 0651 0632 0652 0717 0820 0695 0695 0695 0490 0692 0573 0593 0593 0695
Marantz Microsoft Microsoft Mintek Mitsubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RCA Samsung Sansui Sanyo Sharp Sharp Sharp Sharp Technics Technics Technoca Technics Techn	is		0503,	0490, 0539, 0525, 0571,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0545, 0591,	07052 0717 0521 0521 0521 0521 0521 0651 0632 0652 0717 0820 0695 0695 0695 0490 0692 0573 0593 0593 0695
Marantz Microsoft Microsoft Mintek Mitsubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RCA Samsung Sansui Sanyo Sharp Sharp Sharp Sharp Technics Technics Technoca Technics Techn	is		0503,	0490, 0539, 0525, 0571,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0545, 0591,	07052 0717 0521 0521 0521 0521 0521 0651 0632 0652 0717 0820 0695 0695 0695 0490 0692 0573 0593 0593 0695
Marantz Microsoft Microsoft Mintek Mitsubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RCA Samsung Sansui Sanyo Sharp Sharp Sharp Sharp Technics Technics Technoca Technics Techn	is		0503,	0490, 0539, 0525, 0571,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0545, 0591,	07052 0717 0521 0717 0521 0651 0652 0651 0632 0653 0653 0652 0717 0820 0695 0695 0695 0690 0695 0690 0695 0690 0695 0690 0695
Marantz Microsoft Mintek Misubishi Nesa Onkyo. Oritron Panasonic. Philips Pioneer Polk Audio Princeton Proscan RCA Samsung Sansui Samsui Sanyo Sharp Sherwood. Shory Shory Sylvania Technics Tec	D		0503,	0490, 0539, 0525, 0571, 0490,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0545, 0591,	0702 07039 0522 0717 07503 0651 06651 06632 0854 0632 0695 0674 0522 0695 0670 0690 0693 0693 0693 0693 0693 0693 069
Marantz Microsoft Microsoft Mintek Misubishi Nesa Onkyo. Oritron Panasonic. Philips Pioneer Polk Audio Princeton Proscan RCA Samsung Sansui Sansui Sanyo Sherwood. Sony Sylvania Technics. Techwood. Theta Digital Toshiba Urban Concept Yamaha Zenith CABLE BRAN ABC Americast Bell & Howel	D		0503,	0490, 0539, 0525, 0571,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 05045, 0591,	050539 0522 0717 05013 06511 06611 0632 0652 0632 0539 0674 0695 0670 0695 0670 0695 0670 0695 0670 0695 0670 0695 0670 0695 0670 0695 0695 0695 0695 0695 0695 0695 069
Marantz Microsoft Mintek Misubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RCA Samsung Sansui Samsui Sanyo Sharp Sherwood Sharp Technics Tec	D		0503,	0490, 0539, 0525, 0571,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0545, 0591,	070539 0522 0717 0503 0717 0503 0651 0632 0853 0673 0672 0717 0692 0717 0692 0692 0717 0693 0693 0693 0693 0693 0693 0693 0693
Marantz Microsoft Mintek Misubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RCA Samsung Sansui Samsui Sanyo Sharp Sherwood Sharp Technics Tec	D		0503,	0490, 0539, 0525, 0571,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0545, 0591,	070539 0522 0717 0503 0717 0503 0651 0632 0853 0673 0672 0717 0692 0717 0692 0692 0717 0693 0693 0693 0693 0693 0693 0693 0693
Marantz Microsoft Microsoft Mintek Mitsubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RCA Samsui Samsui Sanyo Sharp Sherwood Sony Sylvania Technics Technics Technics Technics Technics Technics Technics Bell Sale Bell Suth Director CABLE BRAN ABC Americast Bell & Howel	D		0503, 0522, 0003,	0490, 0525, 0571, 0490,	0627, 13622, 0646, 0571, 1022, 0573, 0503, 0545, 0591,	0702 07039 0522 0717 0717 0717 0705 0632 0632 0539 0674 0632 0717 0820 0695 0670 0630 0633 0533 0533 0533 0533 0539 0595 0490 0695 0595
Marantz Microsoft Microsoft Mintek Mitsubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RCA Samsui Samsui Sanyo Sharp Sherwood Sony Sylvania Technics Technics Technics Technics Technics Technics Technics Bell Sale Bell Suth Director CABLE BRAN ABC Americast Bell & Howel	D		0503, 0522, 0003,	0490, 0525, 0571, 0490,	0627, 13622, 0646, 0571, 1022, 0573, 0503, 0545, 0591,	0702 07039 0522 0717 0717 0717 0705 0632 0632 0539 0674 0632 0717 0820 0695 0670 0630 0633 0533 0533 0533 0533 0539 0595 0490 0695 0595
Marantz Microsoft Microsoft Mintek Mitsubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RCA Samsui Samsui Sanyo Sharp Sherwood Sony Sylvania Technics Technics Technics Technics Technics Technics Technics Bell Sale Bell Suth Director CABLE BRAN ABC Americast Bell & Howel	D		0503, 0522, 0003,	0490, 0525, 0571, 0490,	0627, 13622, 0646, 0571, 1022, 0573, 0503, 0545, 0591,	0702 07039 0522 0717 0717 0717 0705 0632 0632 0539 0674 0632 0717 0820 0695 0670 0630 0633 0533 0533 0533 0533 0539 0595 0490 0695 0595
Marantz Microsoft Microsoft Mintek Mitsubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RCA Samsui Samsui Sanyo Sharp Sherwood Sony Sylvania Technics Technics Technics Technics Technics Technics Technics Bell Sale Bell Suth Director CABLE BRAN ABC Americast Bell & Howel	D		0503, 0522, 0003,	0490, 0525, 0571, 0490,	0627, 13622, 0646, 0571, 1022, 0573, 0503, 0545, 0591,	0702 07039 0522 0717 0717 0717 0705 0632 0632 0539 0674 0632 0717 0820 0695 0670 0630 0633 0533 0533 0533 0533 0539 0595 0490 0695 0595
Marantz Microsoft Microsoft Mintek Mitsubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RCA Samsui Samsui Sanyo Sharp Sherwood Sony Sylvania Technics Technics Technics Technics Technics Technics Technics Bell Sale Bell Suth Director CABLE BRAN ABC Americast Bell & Howel	D		0503, 0522, 0003,	0490, 0525, 0571, 0490,	0627, 13622, 0646, 0571, 1022, 0573, 0503, 0545, 0591,	0702 07039 0522 0717 0717 0717 0705 0632 0632 0539 0674 0632 0717 0820 0695 0670 0630 0633 0533 0533 0533 0533 0539 0595 0490 0695 0595
Marantz Microsoft Microsoft Mintek Mitsubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RCA Samsui Samsui Sanyo Sharp Sherwood Sony Sylvania Technics Technics Technics Technics Technics Technics Technics Bell Sale Bell Suth Director CABLE BRAN ABC Americast Bell & Howel	D		0503, 0522, 0003,	0490, 0525, 0571, 0490,	0627, 13622, 0646, 0571, 1022, 0573, 0503, 05045, 0591,	0702 07039 0522 0717 0717 0717 0705 0632 0632 0539 0674 0632 0717 0820 0695 0670 0630 0633 0533 0533 0533 0533 0539 0595 0490 0695 0595
Marantz Microsoft Microsoft Mintek Misubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RCA Samsui Samsui Sanyo Sharp Sherwood Sony Sylvania Technics Technics Technics Technics Technics Bell South Director General Instru General Memorex Motorola	D	, 0003,	0503, 0522, 0003, 0003,	0490, 0571, 0571, 0490, 0476, 0012,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0545, 0591, 0014,	070539 0529 0529 0717 0521 0717 0521 0717 0652 0854 0632 0717 0820 0674 0695 0670 0695 0692 0571 0695 0503 0692 0571 0695 0503 0503 0503 0692 0717 0717 0717 0717 0717 0717 0717 071
Marantz Microsoft Microsoft Mintek Misubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RCA Samsui Samsui Sanyo Sharp Sherwood Sony Sylvania Technics Technics Technics Technics Technics Bell South Director General Instru General Memorex Motorola	D	, 0003,	0503, 0522, 0003, 0003,	0490, 0571, 0571, 0490, 0476, 0012,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0545, 0591, 0014,	070539 0529 0529 0717 0521 0717 0521 0717 0652 0854 0632 0717 0820 0674 0695 0670 0695 0692 0571 0695 0503 0692 0571 0695 0503 0503 0503 0692 0717 0717 0717 0717 0717 0717 0717 071
Marantz Microsoft Microsoft Mintek Misubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RCA Samsui Samsui Sanyo Sharp Sherwood Sony Sylvania Technics Technics Technics Technics Technics Bell South Director General Instru General Memorex Motorola	D	, 0003,	0503, 0522, 0003, 0003,	0490, 0571, 0571, 0490, 0476, 0012,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0545, 0591, 0014,	070539 0529 0529 0717 0521 0717 0521 0717 0652 0854 0632 0717 0820 0674 0695 0670 0695 0692 0571 0695 0503 0692 0571 0695 0503 0503 0503 0692 0693 0694 0692 0503 0694 0692 0694 0692 0694 0695 0696 0692 0696 0692 0696 0692 0696 0692 0696 0696
Marantz Microsoft Microsoft Mintek Misubishi Nesa Onkyo Oritron Panasonic Philips Pioneer Polk Audio Princeton Proscan RCA Samsui Samsui Sanyo Sharp Sherwood Sony Sylvania Technics Technics Technics Technics Technics Bell South Director General Instru General Memorex Motorola	D	, 0003,	0503, 0522, 0003, 0003,	0490, 0571, 0571, 0490, 0476, 0012,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0545, 0591, 0014,	070539 0529 0529 0717 0521 0717 0521 0717 0652 0854 0632 0717 0820 0674 0695 0670 0695 0692 0571 0695 0503 0692 0571 0695 0503 0503 0503 0692 0693 0694 0692 0503 0694 0692 0694 0692 0694 0695 0696 0692 0696 0692 0696 0692 0696 0692 0696 0696
Marantz Microsoft Microsoft Microsoft Miscubishi Nesa Onkyo Oritron Panasonic Panasonic Philips Pioneer Polk Audio Princeton Proscan RcA Samsung Sansui Sanyo Sharp Sherwood Sony Sylvania Technics Technics Technics Technics Technics Bell & Howel Bell South Director GoldStar Hamlin Jerrold Memorex Motorola Pace Panasonic Philips Panasonic Philips	D	, 0003,	0503, 0522, 0003, 0276, 0476,	0490, 0539, 0525, 0571, 0490, 0008, 0012, 1106,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0505, 0014, 0276, 0009, 0014, 0276, 0107, 0305, 0877.	070539 05529 07529 07620 07620 06511 07617 05211 07617 06521 06652 06539 0674 06522 07677 0820 0695 0670 06820 0695 0670 06820 0695 0670 0695 0690 0630 06333 0675 0490 0695 0503 06333 0675 0490 0695 0503 06303 06333 0675 0490 0696 0690 0697 0697 0690 0690 0690 06
Marantz Microsoft Microsoft Microsoft Miscubishi Nesa Onkyo Oritron Panasonic Panasonic Philips Pioneer Polk Audio Princeton Proscan RcA Samsung Sansui Sanyo Sharp Sherwood Sony Sylvania Technics Technics Technics Technics Technics Bell & Howel Bell South Director GoldStar Hamlin Jerrold Memorex Motorola Pace Panasonic Philips Panasonic Philips	D	, 0003,	0503, 0522, 0003, 0276, 0476,	0490, 0539, 0525, 0571, 0490, 0008, 0012, 1106,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0505, 0014, 0276, 0009, 0014, 0276, 0107, 0305, 0877.	070539 05529 07529 07620 07620 06511 07617 05211 07617 06521 06652 06539 0674 06522 07677 0820 0695 0670 06820 0695 0670 06820 0695 0670 0695 0690 0630 06333 0675 0490 0695 0503 06333 0675 0490 0695 0503 06303 06333 0675 0490 0696 0690 0697 0697 0690 0690 0690 06
Marantz Microsoft Microsoft Microsoft Misubishi Nesa Onkyo Oritron Panasonic Panasonic Philips Pioneer Polk Audio Princeton Roamsu Sansui Sans	D	, 0003,	0503, 0522, 0003, 0276, 0476,	0490, 0539, 0525, 0571, 0490, 0490, 0012, 1106,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0545, 0591, 0014, 00276, 0107, 0305, 0877,	0539 0529 0529 0717 0521 0631 0632 0632 0632 0632 0632 0632 0632 0632
Marantz Microsoft Microsoft Microsoft Misubishi Nesa Onkyo Oritron Panasonic Panasonic Philips Pioneer Polk Audio Princeton Roamsu Sansui Sans	D	, 0003,	0503, 0522, 0003, 0276, 0476,	0490, 0539, 0525, 0571, 0490, 0490, 0012, 1106,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0545, 0591, 0014, 00276, 0107, 0305, 0877,	0539 0529 0529 0717 0521 0631 0632 0632 0632 0632 0632 0632 0632 0632
Marantz Microsoft Microsoft Microsoft Misubishi Nesa Onkyo Oritron Panasonic Panasonic Philips Pioneer Polk Audio Princeton Roamsu Sansui Sans	D	, 0003,	0503, 0522, 0003, 0276, 0476,	0490, 0539, 0525, 0571, 0490, 0490, 0012, 1106,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0545, 0591, 0014, 00276, 0107, 0305, 0877,	0539 0529 0529 0717 0521 0631 0632 0632 0632 0632 0632 0632 0632 0632
Marantz Microsoft Microsoft Microsoft Misubishi Nesa Onkyo Oritron Panasonic Panasonic Philips Pioneer Polk Audio Princeton Roamsu Sansui Sans	D	, 0003,	0503, 0522, 0003, 0276, 0476,	0490, 0539, 0525, 0571, 0490, 0490, 0012, 1106,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0545, 0591, 0014, 00276, 0107, 0305, 0877,	0539 0529 0529 0717 0521 0631 0632 0632 0632 0632 0632 0632 0632 0632
Marantz Microsoft Microsoft Microsoft Misubishi Nesa Onkyo Oritron Panasonic Panasonic Philips Pioneer Polk Audio Princeton Roamsu Sansui Sans	D	, 0003,	0503, 0522, 0003, 0276, 0476,	0490, 0539, 0525, 0571, 0490, 0490, 0012, 1106,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0545, 0591, 0014, 00276, 0107, 0305, 0877,	0539 0529 0529 0717 0521 0631 0632 0632 0632 0632 0632 0632 0632 0632
Marantz Microsoft Microsoft Microsoft Misubishi Nesa Onkyo Oritron Panasonic Panasonic Philips Pioneer Polk Audio Princeton Roamsu Sansui Sans	D	, 0003,	0503, 0522, 0003, 0276, 0476,	0490, 0539, 0525, 0571, 0490, 0490, 0012, 1106,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0545, 0591, 0014, 00276, 0107, 0305, 0877,	0539 0529 0529 0717 0521 0631 0632 0632 0632 0632 0632 0632 0632 0632
Marantz Microsoft Microsoft Microsoft Miscubishi Nesa Onkyo Oritron Panasonic Panasonic Philips Pioneer Polk Audio Princeton Proscan RcA Samsung Sansui Sanyo Sharp Sherwood Sony Sylvania Technics Technics Technics Technics Technics Bell & Howel Bell South Director GoldStar Hamlin Jerrold Memorex Motorola Pace Panasonic Philips Panasonic Philips	D	, 0003,	0503, 0522, 0003, 0276, 0476,	0490, 0539, 0525, 0571, 0490, 0490, 0012, 1106,	0627, 1362, 0646, 0571, 1022, 0573, 0503, 0545, 0591, 0014, 0276, 0107, 0305, 0477,	0539 0529 0529 0717 0521 0631 0632 0632 0632 0632 0632 0632 0632 0632

Т			
		0012	
Torx			
Toshiha		0000	
Zenith		. 0000, 0525, 0899	
		. 0000, 0020, 0000	
SATELLITE BRAN	ND (Set-Ton-Box)	CODE	
AlnhaStar	12 (001 100 2011)	0772	
Chapparral			
Crossdigital		1109	
DishPro		0215 1109 1005, 0775 1005, 0775 0775 0566 0775 0869 0775 0819 1142, 0749, 1749	
Echostar		1005, 0775	
Expressvu			
GF			
GOL			
General Instrumer		0869	
HTS		0775	
Hitachi		0819	
Hughes Network S	Systems	. 1142, 0749, 1749	
IVC		0775	
Magnavox		0724, 0722	
Memorex		0724	
Mitsubishi		0749	
Motorola			
Next Level		0869	
Panasonic			
Pavsat		0724	
Philips	. 1142, 0749, 0724	. 1076, 0722, 1749	
Proscan		0392	
RCA	0392	2, 0566, 0855, 0143	
Radioshack		0869	
SKV		0856	
Samsung			
Sony		0639	
Star Choice		0869	
Toshiba		. 0749. 0790. 1749	
Uniden		0724 0722	
Zenith		0856 1856	
AMPLIFIER BRAI	ND	CODE	
Aiwa		0406	
Rose		0406	
Carver		0269	
Curtis Mathes		0300	
Denon		0160	
GF		0078	
Harman/Kardon		0892	
IVC			
l inn			
Liivman		0165	
Magnayov			
Marantz		0269 0321 0892	
NEC		. 0203, 0321, 0032	
Nakamichi		0321	
Ontimus		0395, 0300	
Panasonic		0308, 0521	
Parasound		0246	
Philips		0269. 0892	
Pioneer		0013, 0300	
		0000 0000	
Polk Audio		0269. 0892	
Philips		0269, 0892	
HCA		0300	
RCA Realistic			
RCA			
RCA Realistic Sansui Shure Sony Soundesign Technics			
RCA Realistic Sansui Shure Sony Soundesign Technics			
RCA Realistic Sansui Shure Sony Soundesign Technics			
RCA Realistic Sansui Shure Sony Soundesign Technics			
RCA . Realistic			
HCA. Realistic Sansui Shure Sony Sony Soundesign Technics Victor Wards Yamaha RECEIVER BRAN	ID (Amplifier)		
HCA. Realistic Sansui Shure Sony Sony Soundesign Technics Victor Wards Yamaha RECEIVER BRAN	ID (Amplifier)		
HCA. Realistic Sansui Shure Sony Sony Soundesign Technics Victor Wards Yamaha RECEIVER BRAN	ID (Amplifier)		
HCA. Realistic Sansui Shure Sony Sony Soundesign Technics Victor Wards Yamaha RECEIVER BRAN ACC Adcom	ID (Amplifier)		
HCA. Realistic Sansui Shure Sony. Soundesign Technics Victor Wards Yamaha RECEIVER BRAN ADC Adcom Aiwa.	ID (Amplifier)		
HCA. Realistic Sansui Sansui Shure Sony Soundesign Technics Victor Wards Yamaha RECEIVER BRAN Addcom Alwa	ID (Amplifier)		
HCA. Realistic Sansui Shure Sony. Soundesign Technics Victor Wards Yamaha RECEIVER BRAN ADC Adcom Aiwa. Akai Alco Anam	ID (Amplifier)		
HCA. Realistic Sansui Shure. Sony. Soundesign Technics Wards Wards Wards AACO AACO AACO AACO AAKai AAkai AAloo AARAM AAPOEN Digital	ID (Amplifier)		
HCA. Realistic Sansui Sansui Shure Sony Soundesign Technics Victor Wards Yamaha RECEIVER BRAN ADC Adcom Aiwa Alkai Alco Anam Apex Digital Arcam	ID (Amplifier)		
HCA. Realistic Sansui Shure. Sony. Soundesign Technics Victor Wards Yamaha RECEIVER BRAN ADC Adcom Alwa Akai Alco Anam Apex Digital Arcam. Audiotronic	ID (Amplifier)		
HCA. Realistic Sansui Shure Sony Soundesign Technics Victor Wards Yamaha RECEIVER BRAN ADC ADC ADC ADC ANA ANA ALG ANA ANA ANA ANA ANA ANA ANA ANA ANA AN	ID (Amplifier) 1089 0189		
HCA. Realistic Sansui Shure Sony. Soundesign. Technics Victor Wards Yamaha ADC Adcom Aiwa. Akai Alco Anam Apex Digital Arcam. Audiotronic Audiotronic Audiotronic Audiotronic Audiotronic Basistics	ID (Amplifier)		
HCA. Realistic Sansui Shure. Sony. Soundesign Technics Victor Wards Yamaha ADC Adcom Alaka Alco Anam Apex Digital Arcam Audiotronic Audiotrox Bose Capetronic.	ID (Amplifier)		
HCA. Realistic Sansui Shure Sony Soundesign Technics Victor Wards Yamaha ADC Adcom Alwa Alco Anam Apex Digital Arcam Audiotronic Audiovox Bose Carver Carver	ID (Amplifier)		
HCA. Realistic Sansui Shure. Sony. Soundesign Technics Victor Wards Yamaha RECEIVER BRAN ADC Addoom Alwa Akal Alco Anam Apex Digital Arcam Audiotronic Audiovox Boaeteronic. Carver Casio	ID (Amplifier)		
HCA. Realistic Sansui Shure. Sony. Soundesign Technics Victor Wards Yamaha RECEIVER BRAN ADC Addoom Alwa Akal Alco Anam Apex Digital Arcam Audiotronic Audiovox Boaeteronic. Carver Casio	ID (Amplifier)		
RCA Realistic Sansui Shure Sony Soundesign Technics Victor Wards Yamaha RECEIVER BRAN ADC Adcom Aliwa Adcom Aliwa Adcom Anam Apex Digital Arcam Audiotronic Audiotronic Carver Casio Celestion Cleiarinette (Clarinette Clarinette Casio Calestion Clarinette Clarinette Casio Casano Sanua Carver Casio Celestion Clarinette Clarinette Casio Casano Carver Casio Celestion Clarinette Clarinette Casio Casano Casano Carver Casio Celestion Clarinette Clarinette Casio Casano Casa	ID (Amplifier)		
HCA. Realistic Sansui Shure. Sony. Soundesign Technics Victor Wards Yamaha RECEIVER BRAN ADC Addoom Alwa Akal Alco Anam Apex Digital Arcam Audiotronic Audiovox Boae Boaetronic. Carver Casio Celestion Clelestion Clelestion Clenpaq	ID (Amplifier)		
HCA. Realistic Sansui Shure. Sony. Soundesign Technics Victor Wards Yamaha RECEIVER BRAN ADC Addoom Alwa Akal Alco Anam Apex Digital Arcam Audiotronic Audiovox Boae Boaetronic. Carver Casio Celestion Clelestion Clelestion Clenpaq	ID (Amplifier)		
HCA. Realistic Sansui Shure. Sony. Soundesign Technics Victor Wards Yamaha RECEIVER BRAN ADC Adcom Alwa Alco Alco Anam Apex Digital Arcam Audiotronic Audiotronic Carver Casio Celestion Cleirentete Compaq Curtis Mathes Denon	10 (Amplifier)		
HCA. Realistic Sansui Shure. Sony. Soundesign Technics Victor Wards Yamaha RECEIVER BRAN ADC Adcom Alwa Alco Alco Anam Apex Digital Arcam Audiotronic Audiotronic Carver Casio Celestion Cleirentete Compaq Curtis Mathes Denon	10 (Amplifier)		
RCA Realistic Sansui Shure Sony. Soundesign Technics Victor Wards Wards Yamaha RECEIVER BRAN ADC Adcom Aiwa. Akai Alco Anam Apex Digital Arcam Audiotronic Audiovox Bosel Soundesign Celestion Clarinette Compaq Curlis Mathes Denon Emerson Fisher	10 (Amplifier)		
RCA Realistic Sansui Shure Sony. Soundesign Technics Victor Wards Wards Yamaha RECEIVER BRAN ADC Adcom Aiwa. Akai Alco Anam Apex Digital Arcam Audiotronic Audiovox Bosel Soundesign Celestion Clarinette Compaq Curlis Mathes Denon Emerson Fisher	10 (Amplifier)		
HCA. Realistic Sansui Shure Sony. Soundesign Technics Victor Wards Yamaha ADC Adcom Aiwa Alco Alco Anam Apex Digital Arcam Audiotronic Carver Casio Celestion Clearinette Compaq Curtis Mathes Denon Emerson Eisher GAYA GARAGE CARAGE CARAGE CARAGE CORPA CORPA CARAGE CORPA CARAGE CORPA	ID (Amplifier)		
HCA. Realistic Sansui Shure Sony. Soundesign Technics Victor Wards Yamaha ADC Adcom Aiwa Alco Alco Anam Apex Digital Arcam Audiotronic Carver Casio Celestion Clearinette Compaq Curtis Mathes Denon Emerson Eisher GAYA GARAGE CARAGE CARAGE CARAGE CORPA CORPA CARAGE CORPA CARAGE CORPA	ID (Amplifier)		
HCA. Realistic Sansui Shure Sony Soundesign Technics Fichicis Fichicis Victor Wards Yamaha RECEIVER BRAN ADC Adcom Alwa Alco Alco Anam Apex Digital Arcam Audiotronic Audiotronic Carver Casio Carver Casio Clestion Clarinette Compaq Curtis Mathes Denon Emerson Fisher Gglry Garrard Giory Horse Harmani/Kardon	ID (Amplifier)		
RCA Realistic Sansui Shure Soundesign Fechnics Sony Soundesign Fechnics Sony Soundesign Fechnics Fechni	ID (Amplifier) 1089, 0188		
RCA Realistic Sansui Shure Sony Soundesign Technics Fichicis Wards Yamaha RECEIVER BRAN ADC Adcom Aliwa Alco Alco Anam Apex Digital Anam Audiotronic Audiotronic Carver Casio Carver Casio Celestion Clarinette Compaq Curtis Mathes Denon Emerson Eigher GgPX Garrard Glory Horse Harman/Kardon Hewlett Packard Inkel	ID (Amplifier)		
RCA Realistic Sansui Shure Sony Soundesign Technics Fichicis Wards Yamaha RECEIVER BRAN ADC Adcom Aliwa Alco Alco Anam Apex Digital Anam Audiotronic Audiotronic Carver Casio Carver Casio Celestion Clarinette Compaq Curtis Mathes Denon Emerson Eigher GgPX Garrard Glory Horse Harman/Kardon Hewlett Packard Inkel	ID (Amplifier)		
RCA Realistic Sansui Shure Sony Soundesign Technics Fichicis Wards Yamaha RECEIVER BRAN ADC Adcom Aliwa Alco Alco Anam Apex Digital Anam Audiotronic Audiotronic Carver Casio Carver Casio Celestion Clarinette Compaq Curtis Mathes Denon Emerson Eigher GgPX Garrard Glory Horse Harman/Kardon Hewlett Packard Inkel	ID (Amplifier)		
RCA Realistic Sansui Shure Sony Soundesign Technics Fichicis Wards Yamaha RECEIVER BRAN ADC Adcom Aliwa Alco Alco Anam Apex Digital Anam Audiotronic Audiotronic Carver Casio Carver Casio Celestion Clarinette Compaq Curtis Mathes Denon Emerson Eigher GgPX Garrard Glory Horse Harman/Kardon Hewlett Packard Inkel	ID (Amplifier)		
RCA Realistic Sansui Shure Soundesign Fechnics Sony Soundesign Fechnics Sony Fechnics Sony Fechnics Fe	1089, 1189, 0000 		
RECA Realistic Sansui Shure Sansui Shure Sony Soundesign Technics Fichicis	1089, 1189, 0006		
RECAINER SEARCH STATE OF THE ATTERNATION OF THE ATT	1089, 1189, 0008 		
RCA Realistic Sansui Shure Soundesign Fechnics Sony Soundesign Fechnics Sory Wards Yamaha RECEIVER BRAN ADC Adcom Anam Alco Adcom Anam Apex Digital Androm Anam Audiotronic Audiovox Bose Capetronic Carinette Compaq Curtis Mathes Denon Emerson Fisher GPX Garrard Glory Horse Harman/Kardon Hewlett Packard Inkel JBL JVC Kenwood . 0077 Koss LXI Lexicon . 0077 Koss LXI Lexicon . 0077 Koss . XI Lexico	ID (Amplifier) 1089 0189 1089, 1189, 0006 1104, 0004, 0273		
RCA Realistic Sansui Shure Sony Soundesign Technics Sony Soundesign Technics Victor Wards Yamaha RECEIVER BRAN ADC Adcom Aliwa Adcom Aliwa Adcom Aliwa Adcom Aliwa Adcom Aliwa Adcom Anam Apex Digital Arcam Audiotronic Audiotronic Carver Casio Celestion Clarinette Compaq Curtis Mathes Denon Emerson Fisher Glory Horse Harman/Kardon Hewlett Packard Inkel JUC Kenwood O077	ID (Amplifier)		
RCA Realistic Sansui Shure Sony Soundesign Technics Sony Soundesign Technics Victor Wards Yamaha RECEIVER BRAN ADC Adcom Aliwa Adcom Aliwa Adcom Aliwa Adcom Aliwa Adcom Aliwa Adcom Anam Apex Digital Arcam Audiotronic Audiotronic Carver Casio Celestion Clarinette Compaq Curtis Mathes Denon Emerson Fisher Glory Horse Harman/Kardon Hewlett Packard Inkel JUC Kenwood O077	ID (Amplifier)		
RCA Realistic Sansui Shure Sony Soundesign Technics Sony Soundesign Technics Victor Wards Yamaha RECEIVER BRAN ADC Adcom Aliwa Adcom Aliwa Adcom Aliwa Adcom Aliwa Adcom Aliwa Adcom Companies Adcom Aliwa Adcom Aliwa Adcom Anam Apex Digital Arcam Audiotronic Audiotronic Audiotronic Clarinette Compaq Curtis Mathes Denon Emerson Clarinette Compaq Curtis Mathes Denon Emerson Fisher Gary Advance Advan	1089, 1189, 0006 		

Marantz	108	39, 1189.	0039,	0128,	0189
Modulaire					0195
Musicmagic					1089
NAD					0320
NEC					0235
Nakamichi				0097,	0347
Onkyo	010	0, 0135	0380,	0842,	1298
Optimus	1023, 004	2, 0080,	0177,	0181,	0186,
	0219, 053	31, 0670,	0738,	0801,	1074
Panasonic			1518,	0039,	0309,
Panasonic Penney Philips Pioneer. Polk Audio		0367	0518,	1288,	1350
Penney					0195
Philips		1089,	1189,	1269,	0189,
		0391	, 1120,	1268,	1283
loneer		1023,	0014,	0080,	0150,
5 - H - A P -	024	14, 0531,	0630,	1343,	1384
Polk Audio Proscan Quasar RCA					0189
Proscan					1234
Juasar	1000 105	4 OOE4	0000	0246	0039
10A	0520, 120	4, 0004,	1154	1200	1600
Realistic			0163	0181	0105
Rameuna			0100,	0101,	1205
Sansui		0189	1089	0193	0346
Sanvo			0219	0801	1251
Scott				0163	0322
Sharp					0186
Radio Shack Realistic Samsung Sansui Sanyo Scott Sharp Sherwood Sony Soundesign Stereophonics Sunfire		0062	0491.	0502.	1653
Sony		1058,	1258,	1158,	0158,
	016	8, 0474,	1042,	1458,	1758
Soundesign					0670
Stereophonics					1023
Sunfire		1313,	0313,	0314,	1052
Геас			0463,	0163,	1074
Technics			1308,	1309,	1518,
		0039,	0208,	0309,	0518
linorens					0074
/10101					
Narde	001	14 0054	0080	0158	0180
Nards ∕amaha	001	14, 0054	0080,	0158,	0189
Stereophonics Sounfire Feac Fechnics Fhorens Victor Vards Vards Vorx	001	14, 0054,	0080,	0158, 0186,	0189 1176 0195
Vards /amaha /orx. Zenith	00	14, 0054	0080,	0158, 0186,	0189 1176 0195 0857
Yorx					0195 0857
Yorx					0195 0857
Yorx					0195 0857
Yorx					0195 0857
Yorx					0195 0857
Yorx. Zenith	vorks			C	0195 0857 00DE 0159 0351 0351 0351
Yorx. Zenith	vorks			C	0195 0857 00DE 0159 0351 0351 0351 0052
Yorx. Zenith	vorks			C	0195 0857 00DE 0159 0351 0351 0351 0052 0259
Yorx. Zenith. AUDIO BRAND Aiwa. AudioSource. Cambridge Soundv Carver. Fisher. Fosgate.	works			C	0195 0857 00DE 0159 0351 0351 0351 0052 0259 0477
Yorx. Zenith. AUDIO BRAND Aiwa. AudioSource. Cambridge Soundv Carver. Fisher. Fosgate.	works			0	0195 0857 0159 0351 0351 0351 0052 0259 0477 0477
Yorx. Zenith. AUDIO BRAND Aiwa. AudioSource. Cambridge Soundv Carver. Fisher. Fosgate.	works			C	0195 0857 00DE 0159 0351 0351 0351 0052 0259 0477 0477 0073
Yorx. Zenith. AUDIO BRAND Aiwa. AudioSource. Cambridge Soundv Carver Tisher. Tosgate Tearmon/Kardon JBL JVC LLH	works			C	0195 0857 00DE 0159 0351 0351 0052 0259 0477 0477 0073 0351
Yorx. Zenith. AUDIO BRAND Aiwa. AudioSource. Cambridge Soundv Carver Tisher. Tosgate Tearmon/Kardon JBL JVC LLH	works			C	0195 0857 0159 0351 0351 0351 0052 0259 0477 0477 0073 0351 0325
Yorx. Zenith. AUDIO BRAND Aiwa. AudioSource. Cambridge Soundv Carver Tisher. Tosgate Tearmon/Kardon JBL JVC LLH	works			C 0010,	0195 0857 0159 0351 0351 0351 0052 0259 0477 0477 0073 0351 0325 0376
Yorx. Zenith. AUDIO BRAND AWA AUDIO BRAND AWA AUDIO BRAND AWA AUDIO BRAND AUDIO BRA	works			C 0010,	0195 0857 0159 0351 0351 0351 0052 0259 0477 0477 0073 0351 0325 0376
Yorx. AuDIO BRAND AudioSource Cambridge Soundv Carver Tisher Tosgate Idamon/Kardon BL VIC KLH Magnavox Mikko Paramount Picture GCA	vorks			0010,	0195 0857 0159 0351 0351 0351 0052 0259 0477 0477 0073 0351 0325 0376 0351 0056
Yorx. AuDIO BRAND Audio Brand Audio Brand Audio Source - Lambridge Soundv - Larver - Isisher - Tosgate - Larmon/Kardon IBI VC KLH - Magnawox - Wikko - Paramount Picture - CA SSI - Sansui	vorks			0010,	0195 0857 0159 0351 0351 0351 0052 0259 0477 0073 0351 0325 0376 0351 0056 0351
Yorx. AuDIO BRAND Audio Brand Audio Brand Audio Source - Lambridge Soundv - Larver - Isisher - Tosgate - Larmon/Kardon IBI VC KLH - Magnawox - Wikko - Paramount Picture - CA SSI - Sansui	vorks			0010,	0195 0857 0857 0159 0351 0351 0052 0259 0477 0073 0351 0325 0356 0351 0351 0325 0351 0325
Yorx. Zenith. AWDIO BRAND AWA AWA AWA AUDIO BRAND AWA AWA AUDIO BRAND AWA AWA AWA AWA AWA AWA AWA	vorks			C 0010,	0195 0857 0159 0351 0351 0351 0052 0259 0477 0073 0351 0325 0376 0351 0056 0317 0325 0376 0357
Yorx. AuDIO BRAND Audio Brand Audio Source Cambridge Soundv Carver Tisher Tosgate Harmon/Kardon BIC KLH Magnawox Vikko CAC Saramount Picture: CAC SSI Sansui Schneider Soundesign	vorks			0010,	0195 0857 0159 0159 0351 0351 0351 0052 0259 0477 0477 0073 0351 0356 0351 0356 0351 0356 0357 0357
Yorx. Zenith. AWDIO BRAND AWA AWA AWA AUDIO BRAND AWA AWA AUDIO BRAND AWA AWA AWA AWA AWA AWA AWA	vorks			0010,	0195 0857 0159 0159 0351 0351 0351 0052 0259 0477 0477 0073 0351 0356 0351 0356 0351 0356 0357 0357
AUDIO BRAND	works			0010,	0195 0857 0159 0351 0351 0351 0052 0259 0477 0073 0351 0325 0376 0376 0376 0376 0376 0376
Vorx. Zenith. AUDIO BRAND AWA AUDIO BRAND AWA AUDIO SOURCE. AUDIO SOURCE. AUDIO SOURCE. AUDIO SOURCE AUDIO SOURCE. AUDIO	works			C 0010,	0195 0857 0159 0351 0351 0351 0052 0259 0477 0073 0351 0056 0317 0356 0376 0376 0376
Vorx. Zenith. AUDIO BRAND AWA AUDIO BRAND AWA AUDIO SOURCE. AUDIO SOURCE. AUDIO SOURCE. AUDIO SOURCE AUDIO SOURCE. AUDIO	works			C 0010,	0195 0857 0159 0351 0351 0351 0052 0259 0477 0073 0351 0056 0317 0356 0376 0376 0376
AUDIO BRAND Audio Brand Audio Brand Audio Bource Audio Source Isher Tosgate Isher Fosgate Isher Adamon / Kardon BL IVC KLH Magnavox Mikko Aramount Picture: ACA Sal Sansui Schneider Sony Soundesign forx BET TOP BOX BR Panasonic Pioneer	vorks			0010, 00110,	0195 0857 0159 0351 0351 0351 0351 0352 0259 0477 0477 0073 0351 0325 0376 0351 0376 0376 0376
AUDIO BRAND Audio Brand Audio Brand Audio Bource Audio Source Isher Tosgate Isher Fosgate Isher Adamon / Kardon BL IVC KLH Magnavox Mikko Aramount Picture: ACA Sal Sansui Schneider Sony Soundesign forx BET TOP BOX BR Panasonic Pioneer	vorks			0010, 00110,	0195 0857 0159 0351 0351 0351 0351 0352 0259 0477 0477 0073 0351 0325 0376 0351 0376 0376 0376
Vorx. Zenith. AUDIO BRAND. AUDIO BRAND.	vorks			0010, 00117, 00113, 0113,	0195 0857 0159 0351 0351 0351 0052 0259 0477 0073 0351 0352 0376 0356 0376 0376 0376 0376 0376 0376 0376
AUDIO BRAND AUDIO BRAND AWA AUDIO BRAND AUDIO	vorks			0010, 00117, 00113, 0113,	0195 0857 0159 0351 0351 0351 0052 0259 0477 0073 0351 0352 0376 0356 0376 0376 0376 0376 0376 0376 0376
AUDIO BRAND AUDIO BRAND AWA AUDIO BRAND AUDIO	vorks			C 0010, C 0113,	0195 0857 0159 0351 0351 0351 0052 0259 0477 0073 0351 0352 0376 0356 0376 0376 0576 0376 0576 0376 0576 0576 0576 0576 0576 0576 0576 05
AUDIO BRAND	works			0010, 0317, 0010,	0195 0857 0159 0351 0351 0351 0352 0477 0477 0477 0477 0376 0376 0376 0376 0376 0376 0376 03
AUDIO BRAND AUDIO BRAND AWA	works	DER BR	AND.	0317, 00110,	0195 0857 0159 0159 0351 0351 0351 0351 0352 0477 0477 0477 0477 0473 0351 0356 0356 0356 0376 0376 0376 0376 0376 0376 0376 037
AUDIO BRAND AUDIO BRAND AUDIO BRAND AWA AUDIO BRAND AWA AUDIO BRAND AWA AUDIO SOURCE Cambridge Soundv Carver Segate Alamon/Kardon BIL WC KLH Magnavox Mikko Alamon/Kardon BIL WC Aramount Picture: CA SSI Sansui Schneider Sony Soundesign Forox Forox SET TOP BOX BR Arnasonic Pinceton Samsung Seensory Science Sharp Sony Seensory Science Sharp Sony Seensory Science Sharp Sony Sony Seensory Science Sharp Sony Sony Sony Seensory Science Sharp Sony	works	DER BR	AND .	0010, 0317, 0010,	0195 0857 0159 0351 0351 0351 0352 0477 0477 0477 0477 0473 0376 0356 0376 0376 0376 0376 0376 0376 0376 037
AUDIO BRAND AUDIO BRAND AUDIO BRAND AWA AUDIO BRAND AWA AUDIO BRAND AWA AUDIO SOURCE Cambridge Soundv Carver Segate Alamon/Kardon BIL WC KLH Magnavox Mikko Alamon/Kardon BIL WC Aramount Picture: CA SSI Sansui Schneider Sony Soundesign Forox Forox SET TOP BOX BR Arnasonic Pinceton Samsung Seensory Science Sharp Sony Seensory Science Sharp Sony Seensory Science Sharp Sony Sony Seensory Science Sharp Sony Sony Sony Seensory Science Sharp Sony	works	DER BR	AND .	0010, 0317, 0010,	0195 0857 0159 0351 0351 0351 0352 0477 0477 0477 0477 0473 0376 0356 0376 0376 0376 0376 0376 0376 0376 037
Vorx. Zenith. AUDIO BRAND AWWA AUDIO BRAND AWWA AUDIOSOURCE. Aumbridge Soundv Carver -isherosgate -larmon/Kardon BIL -WC -LLH -Magnavox -likko - arramount Picture: - CA - Sechneider - Sonne - Sonne - Sechneider - Sechneider - Sonne - Sechneider - Sonne - Sechneider - Sechneider - Sonne - Sechneider -	works	DER BR	AND	0010, 00317, 00113,	0195 0857 0159 0159 0351 0351 0351 0351 0352 0259 0477 0477 0477 0477 0376 0376 0376 0376 0376 0376 0376 03



NOTE: Cables are optional, except when specified.

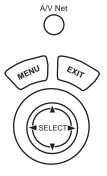
PT3-E/G AVC3-U

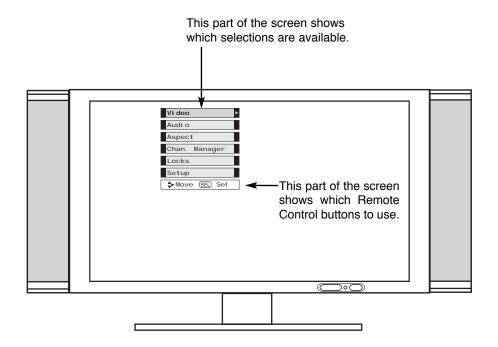
TIPS ON REAR PANEL CONNECTIONS

- S-VIDEO connections are provided for high performance laserdisc players, VCRs etc. that have this feature. Use these
 connections in place of the standard video connection if your device has this feature.
- · If your device has only one audio output (mono sound), connect it to the left audio jack on the AVC Center.
- · Refer to the operating guide of your other electronic equipment for additional information on connecting your hook-up cables.
- A single VCR can be used for VCR #1 and VCR #2, but note that a VCR cannot record its own video or line output (INPUT: 4 in the example on page 23). Refer to your VCR operating guide for more information on line input-output connections.
- · Connect only 1 component (VCR, DVD player, camcorder, etc.) to each input jack.
- COMPONENT: Y-P_BP_R (Input 1 & 2) connections are provided for high performance components, such as DVD players and settop-boxes. Use these connections in place of the standard video connection if your device has this feature.
- Your component outputs may be labeled Y, B-Y, and R-Y. In this case, connect the components B-Y output to the TV's PB input and the components R-Y output to the TV's PB input.
- Your component outputs may be labeled Y-C_BC_R. In this case, connect the components C_B output to the TV's P_B input and the components C_B output to the TV's P_B input.
- It may be necessary to adjust TINT to obtain optimum picture quality when using the Y-P_BP_B inputs.
- To ensure no copyright infringement, the MONITOR OUT output will be abnormal, when using the Y-P_BP_B jacks.
- Input 1 can accept component Y-PBPR signal only.
- Input 2 can accept both component Y-P_RP_R and composite video signal.
- You may use VIDEO or S-VIDEO inputs to connect to INPUT 3, 4 or 5, but only one of these, VIDEO or S-VIDEO, may be used
 at a time for each input. S-VIDEO has priority over VIDEO.
- S-VIDEO output may be used for recording only when the input is of S-VIDEO type.
- · When using a DVI input from a Set-Top-Box, it is recommended to use a 1080i or 720p input signal.

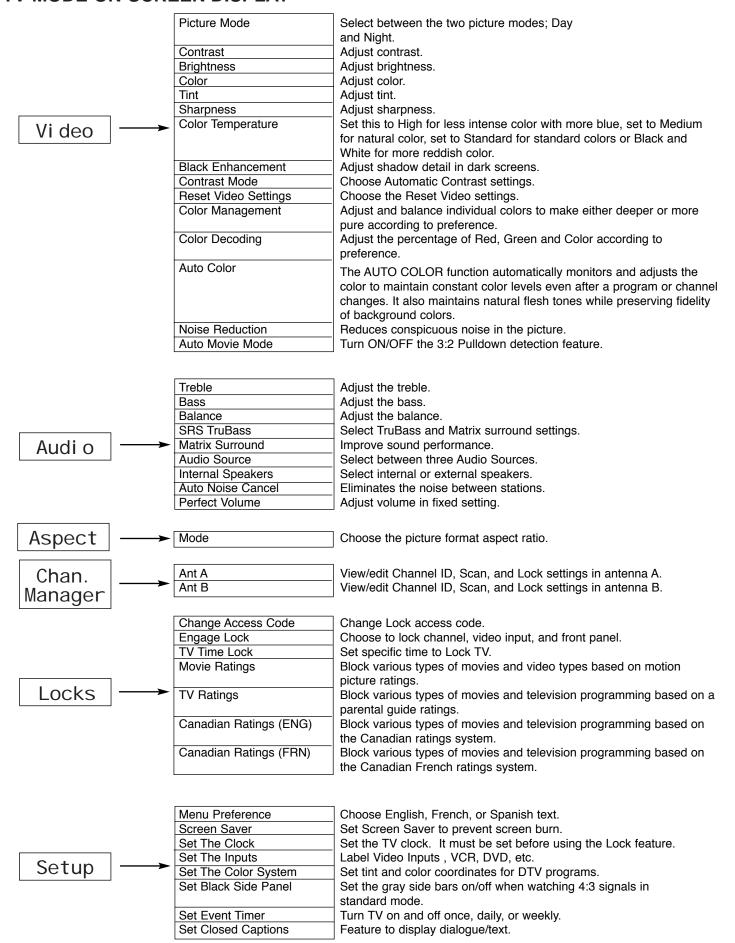
TV MODE ON-SCREEN DISPLAY

- 1. Press MENU on the remote control to display the different features on your HITACHI Plasma TV.
- 2. Use the THUMB STICK to navigate to a different menu item.
- 3. Press EXIT on the remote control to quickly exit from a menu.
- Press AV NET on the remote control to access the AV Network menu to control external components.



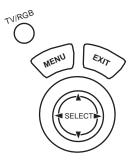


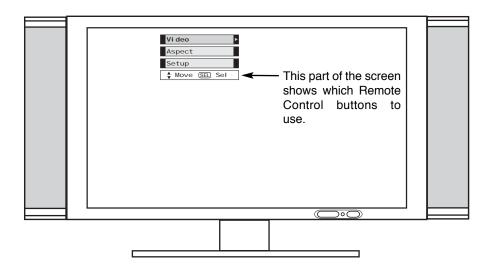
TV MODE ON-SCREEN DISPLAY

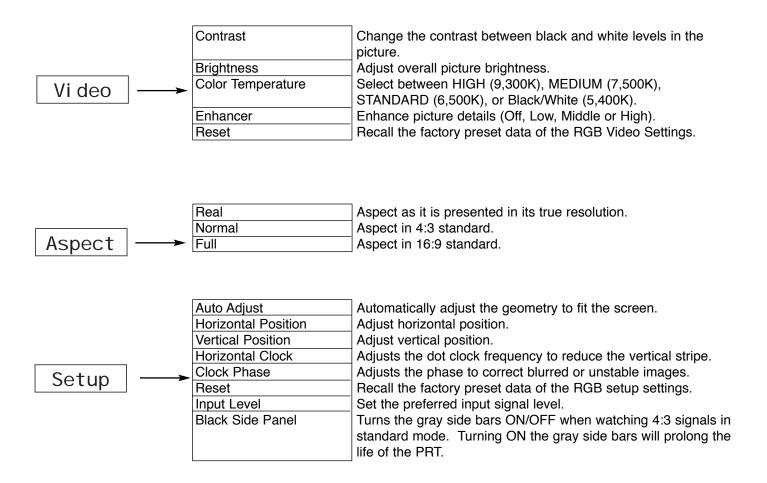


RGB MODE ON-SCREEN DISPLAY

- 1. Press TV/RGB button on the remote control to switch between TV and RGB modes.
- 2. Press MENU on the remote control to display the different features in RGB MODE.
- 3. Press the THUMB STICK \blacktriangle , \blacktriangledown , \blacktriangleleft , \blacktriangleright buttons to highlight a different feature.
- 4. Press EXIT on the remote control to quickly exit from a menu.







ADJUSTMENTS TABLE OF CONTENTS

	TO GO TO A SECTION, CLICK ON ITS HEADING BELOW	
1 Adjustme	ent procedure start up	
	How to get into adjustment mode	
1.2	Changing data and selecting adjustment code	30
2 Memory	initialize	30
	Memory initialize operation	
	Factory and service adjustments	
3 Amplitud	e Adjustment	31
	RGB Amplitude Adjustment	
3.2	Sub-Contrast Adjustment	31
	Brightness Check	
4 Vs, Va V	oltage Adjustment	32
5 White ba	lance adjustment	33
	Video Color Temperature Adjustment (High)	
	Video Color Temperature Adjustment (Medium)	
	Video Color Temperature Adjustment (Standard)	
	Video Color Temperature Adjustment (Black and White)	
	PC Color Temperature Adjustment (High)	
	Color Temperature Setting Correction	
	White Balance Adjustment OSD Flowchart Diagram	
6 Screen C	Check	36
7 Factory F	Panat	26

1 ADJUSTMENT PROCEDURE START-UP

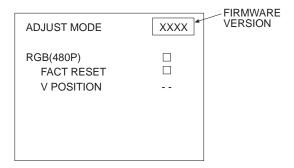
The 32HDT50M/55M and 42HDT50M/55M PDP TV sets undergo thorough adjustment procedures during their assembly process. These adjustments must be done to assure the best performance of the PDP set for the consumer.

Also, after servicing, these same adjustments must be done. The adjustments are all made through the I²C bus by changing data in the Adjustment mode menu.

Table 2 on pages 38-46 shows the complete parameter list with a brief description, signal format, the adjustment range and the initial data.

1.1 HOW TO GET TO ADJUSTMENT MODE

Chassis adjustment can be done by using the AVC50 front control panel buttons with PDP set turned off. Press "POWER" and "INPUT" keys at the same time, and hold for more than 3 seconds. Release the "POWER" button first and then immediately the "INPUT" button. The PDP set turns on in adjustment mode with OSD as follows.



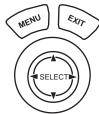
To escape from Adjustment Mode press "INPUT" key to exit service adjustment mode.

Table 2 can be found on pages 38-46.

1.2 CHANGING DATA AND SELECTING ADJUSTMENT CODE

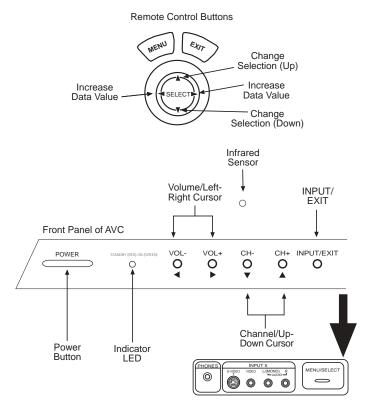
When the PDP set is in adjustment mode, the cursor ◀, ▶, ▲, ▼ and MENU keys of the remote control or front panel may be used as the adjustment keys.

 A. Use any Hitachi remote control when making an adjustment.



- ▲, ▼ keys are used for selecting adjustment code.
- ◀, ▶ keys are used for changing data values.

MENU key is used to advance through the adjustment mode menus and pages.



- B. To make a selection, use the CURSOR keys on the AVC front control panel or the Remote Control.
- C. After finishing the necessary adjustment press the R/C EXIT key or EXIT key on the front panel.

 Adjustment mode is released and PDP set returns to normal condition.

2 MEMORY INITIALIZE

2.1 MEMORY INITIALIZE OPERATION

NOTE: The execution of this function returns the adjustment codes to the preset values, therefore, adjustment data will be lost.

There are two procedures for memory initialize, this is the first.

Procedure 1

- (1) Enter Adjustment mode by the method described in sub-items 1.1 and 1.2 from item 1 ("Adjustment procedure start up").
- (2) Get to the second page of Adjust Mode by pressing remote control "Menu" key once, or with either the R/C or front panel ▲, ▼ cursor keys several times.
- (3) Select MEMORY INIT adjust code.
- (4) Activate MEMORY INIT by pressing ▶ cursor key for more than 3 seconds.
- (5) Check that the receiving channel goes to CH03. Unit is set to preset values.

Procedure 2

- Short PRST connector on the AVC AV PWB and check that the set return to delivery settings (CH 03).
- (2) Do not unplug from AC outlet until this operation is completed and do not perform any key operation either. After this operation, each factory setting and adjust mode data should reset to delivery setting automatically.

2.2 FACTORY AND SERVICE ADJUSTMENTS

The adjustment item that is affected by the memory initialize operation is shown below:

	Initialization		Adjustment		
Adj. Items	Memory Init.	W/B Init.(No need to use)	change of FC- unit	change of PDP-module or change of 1002(EEPROM) on SIG/AUDIO PWB	change of 1003(EEPR OM) on AV PWB or Memory Init.
Video white blance Adj.		affect		Adj.	
PC white blance Adj.		affect		Adj.	
Video RGB Amplitude Adj.			Adj.		
PCRGB Amplitude Adj.			Adj.		
Sub-contrast Adj.	affect (M-CONT4; S-CONT4)				Adj.

3 AMPLITUDE ADJUSTMENT (AVC CENTER)

3.1 RGB AMPLITUDE ADJUSTMENT

Preparation

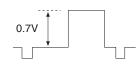
- (1) Select "Video" "Picture Mode" "Day" "Reset". Set "Reset" of "Video" menu when PC input is selected.
- (2) Input 525p(480p) of RGB amplitude adj. signal into INPUT1(Component) input.
- (3) Input VGA(60Hz) RGB amplitude adj. signal into RGB input.

Note: Perform pre heat-run for more than 30 min. before adjusting.

<u>Adjustment</u>

- (1) Receive 525p(480p) signal (Aspect 16:9 Standard).
- (2) Select 'RGB(480p)' of Service Adj. menu. Press right cursor key (▶) over 2 seconds and have it perform automatic adjustment. When it's completed, 'Auto Adjusting' on the screen will disappear.
- (3) Receive PC signal (VGA(60Hz)), (Aspect Full).
- (4) Similarly as (2), select 'RGB(PC)' of Service Adj. Menu, by pressing SEL button. Press ▶ for 2 sec. to do automatic adjustment.

-Remarks RGB amplitude adj. signal



Recommended Equipment: ASTRO VG-823 Digital Video Generator with RB-649 Remote Box.

3.2 SUB-CONTRAST ADJUSTMENT

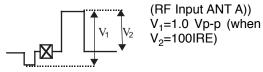
Preparation

(1) Receive Sub-contrast adjustment signal (Fig. 1).

Adjustment

(1) Select 'SUB CONTRAST' of Service Adj. Menu. Press ▶ for over 2 seconds and have it perform automatic adjustment. When it's completed, 'Auto Adjusting' on the screen will be disappeared.

Fig. 1 Full White



3.3 BRIGHTNESS CHECK

Preparation

- Start checking 20 minutes or more after the power is turned ON.
- (2) Receive the color bar signal.
- (3) The vertical incident illumination on the screen should be 20 lux or less.
- (4) Picture Format is 16:9 standard mode.
- (5) Select Day mode and reset.

Checking Procedure

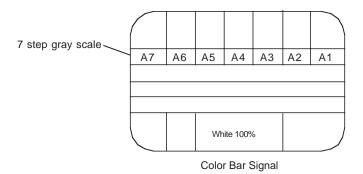
(1) Check the brightness as below.

	AVC50
Can be seen at black	A3*
Can be seen slightly from black	A5*

Note: If set black level is NG, readjust item 3.1 RGB amp. adj. and 3.2 Sub Contrast adj.

Measuring Conditions

- (1) At the signal electric field strength 75±0 dBu, the specification mentioned above should be satisfied.
- (2) At the input electric field 46-106dBu, there should be no abnormality.
 - * From color bar pattern below.



A4 has tolerance. A4 can be between black and Slightly from black.

Black White

4. Vs, Va voltage adjustment

Adjustment part::VR51

-Preparation

- 1.Turn on the set and perform pre-heat run more than 1min.with snow noize screen.
- 2.Receive full black pattern (blanking level) signal (or Video No signal; in this case, it will be autmatically turned off after a few seconds because of power save function).
- 3.Connect voltmeter leads to the Vs or Va and GND test points on power unit. (Measurement error of voltmeter should be Less than 0.02V)

-Adjustment

- (1)Turn VsADJ(VR51) to adjust Vs voltage to be within ± 0.1 V of the value specified in the label on the panel. *1
- (2)Turn VaADJ(VR51) to adjust Vs voltage to be within \pm 0.2V of the value specified in the label on the panel. *1
- (3)Reconfirm that Vs voltage remains within±0.1V of the value.Readjust if Itis outside the margin.

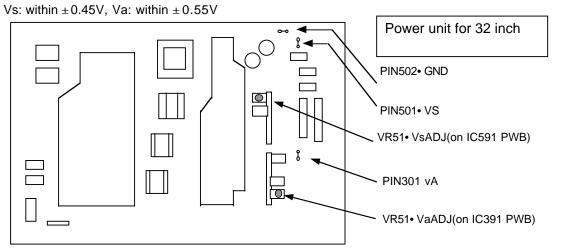
Label example*2

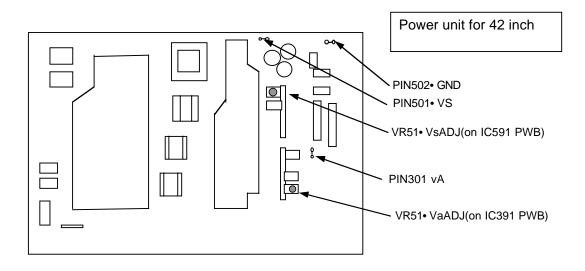
<LOT>N6 Vs=80.0V Va=60.0V V•=140.0V Vx=60.0V Label position (Reference)
32 inch screen: Upper left.

42 inch screen: Bottom left corner.

-Remarks

*1. Permissive level of voltage in case sufficient time of heat-run performed.





5 WHITE BALANCE ADJUSTMENTS (PDP MONITOR)

General Notes for White Balance

- (1) If the incident illumination is more than 20 lux, change the environment (location, lighting, etc.) and ensure it to be less than 20 lux.
- (2) At least one of the color drive codes must stay at its maximum value, FF_H.
- (3) WBC code must be 00 during W/B adjustment.

5.1 VIDEO COLOR TEMPERATURE ADJUSTMENT (HIGH)

Preparation 1

- (1) Set the output of signal generator to white raster. (Ratio:100%)
- (2) Component signal

Video level: 0.714Vp-p SYNC: 0.286Vp-p Set-up level: 0V

- (3) Input white raster signal into COMPONENT input terminal of AVC.
- (4) Set user control to Day mode. (Picture Mode)
- (5) Confirm that the mode is set as "Factory Setting Mode".
- (6) Aspect: ① Video: Expanded ② PC: FULL

Preparation 2

- Set service adjustment menu to "DEVICE ADJUST MODE".
- (2) Set WBC to "0".)

Adjustment

- Perform the following adjustment with the remote control.
- (2) Set the CRT color analyzer (CA-100) at the center of the panel.
- (3) Set color temperature to "HIGH".
- (4) Ensure that Adjustment R/G/B DRIVE (HIGH) are all set as FF.
- (5) After receiving White raster signal, step down the two (or one) among Adjustment R/G/B DRIVE (HIGH) and adjust the value shown in the following:

Specification
Video Color temperature (HIGH)

$$x = 0.285 \pm 0.005$$

$$y = 0.298 \pm 0.005$$
(Color temp: 9200K)

At least one of the data should be FF.

Remarks

- (1) Color temperature should be adjusted under the condition in which the screen is the brightest, thus the initial value for adjustment is set to its maximum.
- (2) Adjustment is made by reducing brightness only. Reduce a bright color for adjustment.
- (3) Video color temperature & Adjustment No. are the same, but addresses in the memory are different, thus there's no problem.

5.2 VIDEO COLOR TEMPERATURE ADJUSTMENT (MEDIUM)

Preparation

(1) Same as "Video Color Temperature adjustment: (HIGH)".

Adjustment

- Perform the following adjustment with the remote control.
- (2) Set the CRT color analyzer (CA-100) at the center of the panel.
- (3) Set color temperature to "MEDIUM", using SEL key.
- (4) Ensure that Adjustment R/G/B DRIVE (MEDIUM) are all set as FF.
- (5) After receiving White raster signal, step down the two (or one) among Adjustment R/B/G DRIVE (MEDIUM) and adjust the value shown below.

Specification
Video Color temperature (MED)
$$x = 0.301 \pm 0.005$$

$$y = 0.314 \pm 0.005$$
(Color temp: 7500K)

At least one of the data should be FF.

Remarks

(1) Same as "Video Color Temperature adjustment (HIGH)"

5.3 VIDEO COLOR TEMPERATURE ADJUSTMENT (STD)

Preparation

(1) Same as "Video Color Temperature adjustment: (HIGH)".

Adjustment

- Perform the following adjustment with the remote control.
- (2) Set the CRT color analyzer (CA-100) at the center of the panel.
- (3) Set color temperature to "STD".
- (4) Ensure that Adjustment R/G/B DRIVE (STD) are all
- (5) After receiving White raster signal, step down the two (or one) among Adjustment R/B/G DRIVE (STD) and adjust the value shown below.

Specification
Video Color temperature (STD)

$$x = 0.314 \pm 0.005$$

$$y = 0.327 \pm 0.005$$
(Color temp: 6500K)

At least one of the data should be FF.

Remarks

(1) Same as "Video Color Temperature adjustment (HIGH)"

5.4 VIDEO COLOR TEMPERATURE ADJUSTMENT (B/W)

Preparation

 Same as "Video Color Temperature adjustment: (HIGH)".

Adjustment

- (1) Perform the following adjustment with the remote control.
- (2) Set the CRT color analyzer (CA-100) at the center of the panel.
- (3) Ensure that Adjustment R/G/B DRIVE (B/W) are all set as FF.
- (4) After receiving White Raster signal, step down the two (or one) among Adjustment R/B/G DRIVE (B/W) and adjust the value shown below.

Specification
Video Color temperature (B/W)
$$x = 0.335 \pm 0.005$$

$$y = 0.343 \pm 0.005$$
(Color temp: 5400K)

At least one of the data should be FF.

Remarks

(1) Same as "Video Color Temperature adjustment (HIGH)"

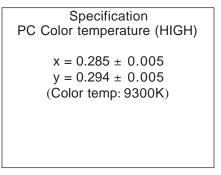
5.5 PC COLOR TEMPERATURE ADJUSTMENT (HIGH)

Preparation

- This adjustment should be done after video color temperature adjustment.
- (2) Confirm that it's set as factory adjustment mode.
- (3) Input WINDOW signal (window ratio 6.25%) into RGB terminals at VGA (60) 0.7V (No set-up).
- (4) Set AVC to shipment.
- (5) Confirm that the screen size is 'FULL'.

Adjustment

- Perform the following adjustment with the remote control.
- (2) Set the CRT color analyzer (CA-100) at the center of the panel.
- (3) Ensure that Adjustment R/G/B DRIVE (HIGH) are all set as FF.
- (4) After receiving PC signal, step down the two (or one) among Adjustment R/B/G DRIVE (HIGH) and adjust the value shown below.



At least one of the data should be FF.

(5) Write Adjustment value of video color temperature to the equivalent PC color temperature adjustment items..



Remarks

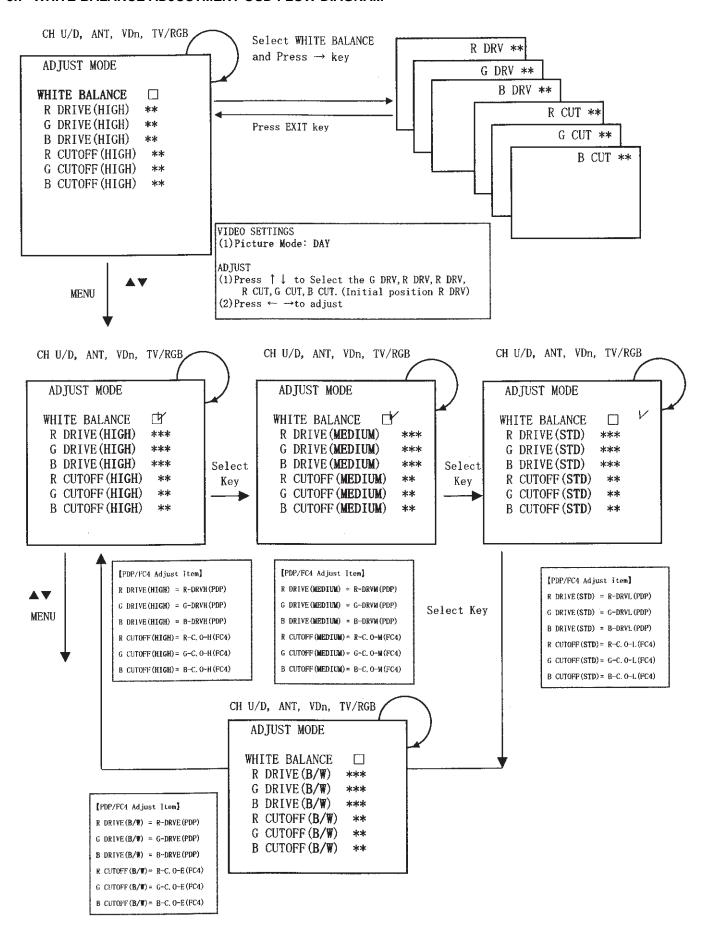
- (1) Color temperature should be adjusted under the condition in which the screen is the brightest, thus the initial value for adjustment is set its maximum.
- (2) Adjustment is made by reducing brightness only. Reduce a bright color for adjustment.
- (3) Video color temperature & Adjustment No. are the same, but addresses in the memory are different, thus there's no problem.

5.6 COLOR TEMPERATURE CORRECTION SETTING

This adjustment should be done after color temperature adjustment.

- Set service adjustment menu to "DEVICE ADJUST MODE - PDP".
- (2) Set WBC to "1".

5.7 WHITE BALANCE ADJUSTMENT OSD FLOW DIAGRAM



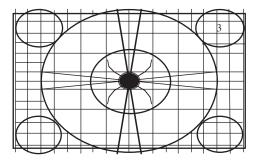
6. SCREEN CHECK

Preparation

- (1) Set AC120±1V.
- (2) Turn on the power and leave it more than 5 min.
- (3) Receive circle pattern at 4:3 Expanded mode.
- (4) Input 480p and 1080i circle pattern into Component 1. (ASPECT 16:9 Standard)
- (5) Input XGA (60Hz) circle pattern into RGB. (ASPECT Full)

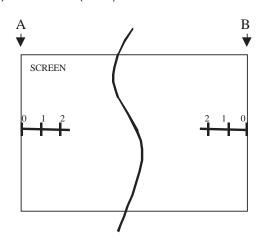
Checking

- (1) Receive RF, 480p, 1080i and XGA (60Hz) signal, then check the following items 1~4:
 - 1. Check the symmetry of the pattern (right/left).
 - Check the horizontal position and the balance (right/left).
 - 3. Check the symmetry of the pattern (top/bottom).
 - 4. Check the vertical position and the balance (top/bottom).



Remarks

(1) RGB: XGA (60Hz).



SIGNAL	ASPECT	SPEC(A,B)
480i	4:3 Expanded	0 +/- 0.5
circle pattern	16:9 Standard	0 +/- 0.5

7. FACTORY RESET

After all of the adjustments of main chassis are finished, perform FACTORY RESET.

- (1) Enter Adjustment Mode by the method described in sub-items 1-1 and 1-2 from page 30. ("Adjustment Procedure Start-up").
- (2) From the first menu in Adjustment Mode, select FACT RESET adjustment code.
- (3) Activate FACT RESET by pressing "Right" cursor key once.
- (4) Check that the receiving channel goes to CH03. Unit is set to factory settings.
- (5) This procedure returns user settings to the values and states shown in Table 1 on the following pages.

Table 1 - Factory Reset

Function	Initial Data/Condition	Note
NTSC Channel(Main, Sub)	03Channel	Note
J J Grand Charles Gaby	000	
Input Mode	Ant A	
Sleep Timer	Not Registered	
Favorite Channels	Not Registered	
Multi Window Mode	Off	
PIP Mode	POP (Bottom Right)	Main: NTSC/480i, Sub: NTSC/480i
Freeze Mode	PIP (Bottom Right) POP Main Freeze	Main: 1080i, Sub: NTSC/480i
Freeze Mode	(Bottom Right)	
Master Volume	20 Step	
Video		
Picture Mode(Day/Night)	Day	
Contrast	100%	Picture Mode (Day)
Brightness	50%	Picture Mode (Day)
Color	50%	Picture Mode (Day)
Tint	50%	Picture Mode (Day)
Sharpness	50%	Picture Mode (Day)
Color Temperature (High/Medium/Standard/Black&White)	High	Picture Mode (Day)
Black Enhancement	Middle	Picture Mode (Day)
(High/Middle/Low/Off)	Middle	i lotate (bay)
Contrast Mode	Dynamic	Picture Mode (Day)
Color Management	Off	
Magenta	71%	
Red	70%	
Yellow	50%	
Green	50%	
Cyan Blue	40% 76%	
Color Decoding	RGB	
Red	50%	
Green	50%	
Color	50%	Picture Mode (Day)
Tint	50%	Picture Mode (Day)
Auto Color	Off	Picture Mode (Day)
Noise Reduction	Low	Picture Mode (Day)
Auto Movie Mode	Off	Picture Mode (Day)
Audio		
Treble	50%	
Bass	65%	
Balance	50%	
SRS Trubass Matrix Surround	Medium Off	
Audio Source(Stereo/Mono/SAP)	Stereo	
Internal Speakers	On	
Auto Noise Cancel	Off	
Perfect Volume	Off	
Aspect		
16:9 Sandard, 16:9 Zoom	4:3 Standard	On Input Signal (NTSC, 480i, 480p)
4:3 Standard, 4:3 Expanded	16:9 Sandard	On Input Signal (720p, 1080i)
4:3 Zoom1, 4:3 Zoom2 Auto Aspect	Off	On Imput Signal (120p, 10001)
Vertical Position	0	
Channel Manager		+
Channel Source	Antenna	
Antenna/Cable1/Cable2		
Auto Channel Scan	Not Registered	
Antenna/Cable1/Cable2		
Channel List		
Ant A	Not Registered	
CH ID	Not Registered 2 13CH	
Scan	_	
Lock	Not Registered	
Ant B		
CH ID	Not Registered	
Scan	2_13CH	
Lock	Not Registered	•

Table 1 - Factory Reset (Continued)

Channel Lock	Not Registered	
Input Lock	Not Registered	
Front Panel Lock	Not Registered	
TV Time Out	Not Registered	
Start/Stop Time	Not Registered	
Repeat(Once/Daily/Weekly)	Not Registered Not Registered	
Movie Rating	Not Registered Not Registered	
TV Rating	Not Registered Not Registered	
TV Rating TV Rating(Canadian-English)		
	Not Registered	
TV Rating(Canadian-French)	Not Registered	
Setup		
Menu Preference		
Menu Language	English	
Menu Background	Shaded	
Screen Saver		
Main Picture Moving	Option 1	
Screen Wipe	_	
Set The Clock		
Time	Not Registered	Sun: AM
Set The Inputs		
Input 1 Rename	Not Registered	
Input 2		
Rename	Not Registered	
Auto Link(Auto/Remote/Off)	Off	
Input 3 Rename	Not Registered	
Input 4 Rename	Not Registered	
Input 5 Rename	Not Registered	
Video Power Save	On	
Color System		
YPBPR1	Auto	On Input Signal
YPBPR2	Auto	On Input Signal
1	1.2.2	
Black Side Panel	Off	
Set Event Timer (Event1/2/3/4)	Not Registered	
Set Closed Caption		
Caption Display	Auto	
Mode(Captions/Text)	Captions	
Channel(1/2/3/4)	Channel 1	
J. 101 (1/2/5/7)	Onamile i	1

Function	Initial Data/Condition	Check
PC Mode		
Video		
Contrast	100%	
Brightness	50%	
Color Temperature	High	
Enhancer	Off	
Setup		
Auto Adjust	_	
Horizontal Position	0	
Vsertical Position	0	
Horizontal Clock	0	
Clock Phase	0	
Reset	_	
Input Level	0.7V	
Black Side Pnael	Off	

Table 2 - I²C Adjustment Code and Data

ADJUSTMENT	ADJUSTN	MENT ITEM	ADJUSTMENT	INITIAL	ADJUST
MODE OSD			RANGE(HEX)	DATA(HEX)	VALUE(HEX
V POSITION	T	Lean			I
V POSITION	Vertical Position	480i	7E	3F	
		480p	7E	3F	
		720p	7E	3F	
		1080i	7E	3F	
BURN-IN (PDP)				T	1
BURN-IN	PDP Burn-In		02	01	
WHITE BALANCE (1	PDP)				,
R DRIVE	Red Drive Gain Control	HIGH	FF	-	
		MEDIUM		-	
		STD		-	
		B/W		-	
G DRIVE	Green Drive Gain Control	HIGH	FF	-	
		MEDIUM		-	
		STD		-	
		B/W		-	
B DRIVE	Blue Drive Gain Control	HIGH	FF	-	
		MEDIUM		_	
		STD		_	
		B/W		-	
R CUTOFF	Red Cutoff Control	HIGH	3E	_	
	Tree contract	MEDIUM		_	
		STD		_	
G CUTOFF	Green Cutoff Control	HIGH	3E	-	
		MEDIUM		_	
		STD		_	
B CUTOFF	Blue Cutoff Control	B/W	3E	-	
2001011		HIGH	- 52	_	
		MEDIUM		_	
UPD64083 (3D-Y/C)) (B9H) Read Mode	IVIEDICIVI		1	
SYNCDET	Sync Detection		01	-	
	0: Sync, 1: No Sync	0: Sync, 1: No Sync			
F-STD	Frame Sync Nonstandard Dete 0: Standard, 1: Non standard	Frame Sync Nonstandard Detection		-	
V-STD	Vertical Sync Nonstandard Do 0: Standard, 1: Non standard	Vertical Sync Nonstandard Detection		-	
H-STD	Horizontal Sync Nonstandard 0: Standard, 1: Non standard	Detection	01	-	
NOISE	Noise Level Detection 00: Noise Small FF: Noise	e Large	FF	-	

Table 2 - I²C Adjustment Code and Data (Continued)

ADJUSTMENT	ADJUSTMEN	T ITEM	ADJUSTMENT	INITIAL	ADJUST
MODE OSD			RANGE(HEX)	DATA(HEX)	VALUE(HEX)
UPD64083 (3D-Y/C)	(B8H)				
MSS	Compulsion Frame/Line Setting		03	00	
CDL-1	C Signal Delay Adjustment		07	03	
CDL-3	C Signal Delay Adjustment		07	04	
DYCO	Y Motion Detection Coring Leve	Y Motion Detection Coring Level		02	
DYGA	Y Motion Detection Gain		0F	09	
DCCO	C Motion Detection Coring Leve	el	0F	03	
DCGA	C Motion Detection Gain		0F	06	
YNRK	Frame Cycle YNR Non-linear File	ter Gain	01	00	
YNRIN	Frame Cycle YNR Filter		01	00	
YNRLI	Frame Cycle YNR Non-linear File	ter Limit Level	03	01	
CNRK	Frame Cycle CNR Non-linear Filt	ter Gain	01	00	
CNRIN	Frame Cycle CNR Filter		01	00	
CNRLI	Frame Cycle CNR Non-linear Filt	ter Limit Level	03	01	
VAPGA	Vertical Aperture Control	32/37/42"	07	04	
APGA	Gain	50"	07	04	
VAPIN	Vertical Aperture Control	32/37/42	1F	1F	
APIN	Invert	50"	1F	1F	
YPFG	Y Peaking Filter Gain	32/37/42"	0F	08	
PFG	T Feating Finer Gain	50"	0F	08	
YHC1	32/37/42"	TV, NR <> High	03	00	
YHC1-NR	Y Output High Frequency	TV, NR = High	03	02	
YHC3	Coring	NTSC,NR <> High	03	00	
YHC3-NR		NTSC,NR = High	03	02	
	50"	_			
HC1	Y Output High Frequency	TV, NR <> High	03	00	
HC1-NR	Coring	TV, NR = High	03	02	
HC3		NTSC,NR <> High	03	00	
HC3-NR		NTSC,NR = High	03	02	
TA1383F Main Read N				1	1
HSYNC-M	Main H-Sync Signal		FF	-	
VSYNC-M	Main V-Sync Signal		7F	-	
CSYNC-M	Main C-Sync Signal		01	-	
TA1383F SUB Read M					
HSYNC-S	Sub H-Sync Signal		FF	-	
VSYNC-S	Sub V-Sync Signal		7F	-	
CSYNC-S	Sub C-Sync Signal		01	-	
TA1383F MAIN (D8H				ı	,
M-CONT4	Sub Contrast Control	TV/NTSC	1F	0F	13*
M-CONTP	00: MIN(-3dB)	480i/480p SDTV	1F	13	
M-CONTG	1F: MAX(+3dB)	720p/1080i HDTV	3F	21	
M-CLR-4	Sub Color Control 32/37/42"	TV/NTSC	1F	1C	
M-CLR-P	00: MIN(-3dB) 1F: MAX(+3dB)	480i/480p SDTV	1F	1A	
M-CLR-G	III. WIAA(TJUD)	720p/1080i HDTV	1F	1E	
MCLR-4	Sub Color Control 50"	TV/NTSC	1F	1C	
MCLR-P	00: MIN(-3dB)	480i/480p SDTV	1F	1A	
MCLR-G	1F: MAX(+3dB)	720p/1080i HDTV	1F	1E	
MTINT-4	Sub Tint Control	TV/NTSC	0F	09	
MTINT-P	0: MIN(-7deg)	480i/480p SDTV	0F	0A	
	F: MAX(+7deg)				

^{*} This data is an approximate service code data. This value is adjusted by 3.2 SUB-CONTRAST ADJUSTMENT.

Table 2 - I²C Adjustment Code and Data (Continued)

MTINT-G		720p/1080i HDTV	0F	07	
MYBLAC4	Main Y Black Level Control	TV/NTSC	FE	B5	
MYBLACD	00: OFF 01: MIN_FE: MAX	480i/480p720p/1080i	FE	00	
MTOFF00	Main NTSC TOF Center Frequency Switch 0: OFF, 1: MIN(0.8 fsc) 7: MAX(1.5 fsc)	TV/NTSC	07	00	
MTOFQ-0	Main NTSC TOF Q Characteristic Switch 0: MIN(0.6), 7: MAX(1.2)	TV/NTSC	07	00	
TA1383F SUB (DAH	I)				
S-CONT4	Sub Contrast Control	TV/NTSC	1F	15	12*
S-CONTP	00: MIN(-3dB)	480i/480p SDTV	1F	18	
S-CONTG	1F: MAX(+3dB)	720p/1080i HDTV	3F	20	
S-CLR-4	Sub Color Control 32/37/42"	TV/NTSC	1F	1C	
S-CLR-P	00: MIN(-3dB) 1F: MAX(+3dB)	480i/480p SDTV	1F	1A	
S-CLR-G	IF: MAX(+3dB)	720p/1080i HDTV	1F	1E	
SCLR-4	Sub Color Control 50"	TV/NTSC	1F	1C	
SCLR-P	00: MIN(-3dB)	480i/480p SDTV	1F	1A	
SCLR-G	1F: MAX(+3dB)	720p/1080i HDTV	1F	1E	
STINT-4	Sub Tint Control	TV/NTSC	0F	09	
STINT-P	0: MIN(-7deg)	480i/480p SDTV	0F	0A	
STINT-G	F: MAX(+7deg)	720p/1080i HDTV	0F	07	
SYBLAC4	Sub Y Black Level Control	TV/NTSC	FE	B5	
SYBLACD	00: OFF 01: MIN_FE: MAX	480i/480p720p/1080i	FE	00	
STOFF00	Main NTSC TOF Center Frequency Switch 0: OFF, 1: MIN(0.8 fsc) 7: MAX(1.5 fsc)	TV/NTSC	07	00	
STOFQ-0	Main NTSC TOF Q Characteristic Switch 0: MIN(0.6), 7: MAX(1.2)	TV/NTSC	07	00	
TA1383F MAIN/SUI	B D8H/DAH				
Y-DL1-4	Y Delay Time Adjust 1	TV/NTSC	03	01	
Y-DL1-D	Base Band Section 0: -10 ns, 1: 0 ns 2: +10 ns, 3: +20 ns	480i/480p/720p/1080i/By pass(YPBPR/DVI)	03	00	
Y-DL2-0	Y Delay Time Adjust 2 NTSC Section 0: OFF, 1: +40 ns 2: +80 ns, 3: +120 ns	ALL	03	00	
BBLACKM	32/37/42"	TV/NTSC/480i	FE	00	
BBLACK6	CB(PB) Black Level Control 00: OFF 01: MIN_FE: MAX	480p	FE	00	
BBLACK7		720p	FE	00	
BBLACK8		1080i	FE	00	
RBLACKM	32/37/42"	TV/NTSC/480i	FE	00	
RBLACK6	CR(PR) Black Level Control 00: OFF 01: MIN_FE: MAX	480p	FE	00	
RBLACK7		720p	FE	00	
RBLACK8		1080i	FE	00	
AFCRAN4	Horizontal AFC Switch	TV/NTSC	01	00	
AFCRAND	0: Normal 1: Narrow	480i/480p/720p/1080i/By pass(YPBPR/DVI)	01	00	
F-DET-4	Frequency Detection Input	TV/NTSC	03	00	
F-DET-D	Switch 0: 480i-1 NTSC 1: 480i-2 NTSC 2: D-SYNC2 3: HD/VD	480i/480p/720p/1080i/By pass(YPBPR/DVI)	03	02	
	2: D-9 INC2 5: HD/VD				

^{*} This data is an approximate service code data. This value is adjusted by 3.2 SUB-CONTRAST ADJUSTMENT.

Table 2 - I²C Adjustment Code and Data (Continued)

HSEPL-4	Horizontal Sync Separation	TV/NTSC	03	00	
HSEPL-5	Level Switch	480i	03	00	
HSEPL-6	-0: 20%, 1: 27% 2: 34%, 3: 40%	480p	03	00	
HSEPL-C		720p/1080i/Bypass	03	00	
VSEPL-4	Vertical Sync Separation	TV/NTSC	03	00	
VSEPL-5	Level switch 0: 40%, 1: 50%	480i	03	00	
VSEPL-6	2: 60%, 3: 70%	480p	03	00	
VSEPL-C	7	720p/1080i/Bypass	03	00	
DSEPL-A	D-SYNC2-IN Sync Separation	480i/480p	03	00	
DSEPL-C	Level Switch 0: 20%, 1: 30% 2: 40%, 3: 50%	720p/1080i/Bypass	03	00	
AFCMD-L	AFC Gain Switch	TV	07	06	
AFCMD-3	0: AUTO 1, 1: AUTO 2 2: AUTO 3,3: AUTO 4,4:+6dB,5:	NTSC	07	02	
AFCMD-D	0 dB, 6: -12 dB 7: OFF(Horizontal Free Run≈j	480i/480p/720p/1080i/ Bypass	07	02	
VMODE-4	Vertical Sync Mode Switch	TV/NTSC	01	00	
VMODE-5	0: Normal PLL Mode 1: Sync Output Mode	480i	01	00	
48ISEP4	480i Separator Mode Switch 0: ON, 1: OFF	TV/NTSC	01	00	
B.WM	32/37/42"	TV/NTSC/480i	03	02	
B.WM-NR	Band Width Filter Switch O: OFF, 1: 11.3MHz/-3dB	TV/NTSC/480i -NR	03	01	
B.WN	2: 16MHz/-3dB, 3: Mute	480p/720p/1080i	03	00	
B.WN-NR		480p/720p/1080i -NR	03	02	
BWM		TV/NTSC/480i	03	02	
BWM-NR	Band Width Filter Switch O: OFF, 1: 11.3MHz/-3dB	TV/NTSC/480i -NR	03	01	
BWN	2: 16MHz/-3dB, 3: Mute	480p/720p/1080i	03	00	
BWN-NR		480p/720p/1080i -NR	03	02	
HDPOSI4	HD Output Phase Adjustment	TV/NTSC	0F	08	
HDPOSI5	_0: 800 ns Advance	480i	0F	09	
HDPOSI6	F: Sync Center	480p	0F	01	
HDPOSI7	_	720p	0F	00	
HDPOSIK		1080i/Bypass	0F	00	
OSD-HP	OSD Horizontal Position		0F	07	
OSD-VP	OSD Vertical Position		0F	07	
CCD-HP	CCD Horizontal Position		4F	39	
CCD-VP	CCD Vertical Position (not avai	lable)	7F	18	

Table 2 - I²C Adjustment Code and Data (Continued)

ADJUSTMENT	ADJUSTME	ENT ITEM	ADJUSTMENT	INITIAL	ADJUST
MODE OSD			RANGE(HEX)	DATA(HEX)	VALUE(H
DP					
R-DRVH	Red Drive Gain Adjustment (H	IGH)	FF	FF	
G-DRVH	Green Drive Gain Adjustment (F	IIGH)	FF	FF	
B-DRVH	Blue Drive Gain Adjustment (H	IGH)	FF	FF	
R-DRVM	Red Drive Gain Adjustment (M	EDIUM)	FF	FF	
G-DRVM	Green Drive Gain Adjustment (N	MEDIUM)	FF	FF	
B-DRVM	Blue Drive Gain Adjustment (M	EDIUM)	FF	FF	
R-DRVL	Red Drive Gain Adjustment (ST	ΓD)	FF	FF	
G-DRVL	Green Drive Gain Adjustment (S	TD)	FF	FF	
B-DRVL	Blue Drive Gain Adjustment (S'	ΓD)	FF	FF	
R-DRVE	Red Drive Gain Adjustment (Ba	/W)	FF	FF	
G-DRVE	Green Drive Gain Adjustment (I	3/W)	FF	FF	
B-DRVE	Blue Drive Gain Adjustment (B	/W)	FF	FF	
GAMMA-D	gamma selection	TV/Video	02	01	
GAMMA-H	0:1.0, 1:2.2, 2:2.8	PC	02	01	
BURN-IN	Burn-In Mode	I.	02	01	
APC32	APC Control 32"		01	00	
APC3742	APC Control 37/42"		01	00	
PDP-VER	PDP Microcomputer Version Display		03E7	_	
PDP-TM	PDP Panel Drive Time		FFFF	_	
CCFMD-D	Brightness/Gradation	TV/VID	01	00	
CCFMD-H	Priority Switch	PC	01	00	
	NTSC/EBU Switch	SDTV	01	00	
CCFORMF	- IVISC/EBO SWICH	HDTV	01	00	
CCFORMG	_	PC	01	00	
CCFORMH	T 1' A1' 4 C '41		+		
DCBONH	Tracking Adjustment Switch	TV/VID Col.Temp:High	01	00	
DCBONML		TV/VID Col.Temp:Med/Std/BW	01	01	
DCBON-H	-	PC	01	01	
WBC	White Balance Correction	μ	03	00	00
HAPC	Heat APC Selection		01	01	00
Q.MODE		42":valid,50":invalid	01	00	
CHIP	Q.WIODE 0.011,1.011 32/37/	+2 .vanu,50 .mvanu	01	00	<u> </u>
	Rating Detection Sampling Tim	ne T1=32xN ms	FE	00	
SMPLING	Rating Detection Polling Cour		+		
POLLING	Rating Block Start Counter	1101	FE 07	0F 02	
START					
TIMEOUT	Rating Block Release Timeout		1E	05	
STATUS	Rating Block Release Counter		07	02	
RBLASTER	m a . p i . m		1 10		
IRDELAY	IR Start Delay Time		10	03	
IRREPT	IR Send Data Repeat Time		80	20	
ync Frequency Dete			, 		
HFRQ-N	The number of times of Sync Fr	requency	0F	03	

Table 2 - I²C Adjustment Code and Data (Continued)

FC4 Read Mode TVCINE	LUE(HEX)
TVCINE IV∞€inema Detection display On=1 0 1 - MAXLVL1 Maximum input level(Main) display FE - MAXLVL2 Maximum input level(Sub) display FE - FC4 SHP-L SHP-L 32/37/42" TV 1F 1F SHP-L SHP-L 1F 1F 0D SHP-1 SHP-3 NTSC 1F 14 SHP-3 1F 0B 1F 14 SHP-3 1F 0B 1F 0B SHP-3 1F 0B 1F 0B SHP-5 480i 1F 0B 1F 0B SHP-5-NR 480i-NR 1F 0B 1F	
MAXLVL1	
MAXLVL2	
SHP-L Sharpness Sharpness TV SHPL-NR SHPL-NR SHP-3 SHP-5 SHP3-NR SHP5-NR SHP5-NR SHP6 SHP-7 SHP-8 SHP-1 SHP3-NR SHP5-NR SHP6 SHP6-1	
SHP-L SHPL-NR Sharpness SHP-3 SHP-3 SHP-5 SHP3-NR SHP3-NR SHP5-NR SHP5-NR SHP5-NR SHP6 SHP-6 SHP-7 SHP-1 SHP3-NR SHP-8 SHPN-NR SHP1-NR SHP3-NR S	
Sharpness	
SHP-3	
SHP-5	
NTSC-NR	
SHP5-NR	
SHP-6 SHP-7 720p 1F 0B SHP-8 SHPN-NR 1F 0B Management 1F 1F 1F 1F 1F 1F 1F 1	
SHP-7	
SHP-8	
SHPN-NR	
HP-L HPL-NR Sharpness TV 1F 1F 1F 1F 1F 1V-NR 1F 0D 1F 14 1F 14 1F 15 15 15 16 15 16 15 16 16	
HP-L HPL-NR Sharpness TV 1F 1F 1F 1F 1F 1V-NR 1F 0D 1F 14 14 15 15 15 14 15 15	
HP-3	
HP-3	
HP-5	
HP3-NR	
HP5-NR	
HP-6	
HP-7	
HP-8	
HPN-NR 480p/720p/1080i-NR 1F 06 H.EL 32/37/42" TV 03 00 H.EL-NR Horizontal Enhance Gain TV 03 00	
H.EL 32/37/42" TV 03 00 H.EL-NR Horizontal Enhance Gain TV 03 00	
H.EL-NR Horizontal Enhance Gain TV 03 00	
H.E3 0_3 Gain NTSC 03 01	
H.E5 480i 03 00	
H.E3-NR NTSC-NR 03 00	
H.E5-NR 480i-NR 03 00	
H.EB 720p/1080i 03 03	
H.E6 480P 03 03	
H.EN-NR 480p/720p/1080i-NR 03 00	
HEL 50" TV 03 00	
HEL-NR Horizontal Enhance Gain TV-NR 03 00	
HE3 0_3 Gain NTSC 03 01	
HE5 480i 03 00	
HE3-NR NTSC-NR 03 00	
HE5-NR 480i-NR 03 00	
HE6 480P 03 03 HEN-NR 480p/720p/1080i-NR 03 00	

Table 2 - I²C Adjustment Code and Data (Continued)

		1			
V.EL	32/37/42"	TV	03	00	
V.EL-NR	Vertical Enhance Gain 0_3 Gain	TV-NR	03	00	
V.E3	U_3 Gain	NTSC	03	03	
V.E5	_	480i/480p	03	03	
V.E3-NR		NTSC-NR	03	00	
V.E5-NR		480i-NR	03	00	
V.EB	_	720p/1080i	03	00	
V.E6	_	480P	03	03	
V.EN-NR		480p/720p/1080i-NR	03	00	
VEL	50"	TV	03	00	
VEL-NR	Vertical Enhance Gain	TV-NR	03	00	
VE3	0_3 Gain	NTSC	03	03	
VE5		480i/ 480p	03	03	
VE3-NR		NTSC-NR	03	00	
VE5-NR		480i-NR	03	00	
VEB	7	720p/1080i	03	00	
VE6	7	480P	03	03	
VEN-NR	1	480p/720p/1080i-NR	03	00	
CVHE-L	C V H Enhance GAIN	TV	1F	10	
CVHE-M	0_31 Gain	NTSC/480i	1F	10	
CVHE-N	7	480p/720p/1080i	1F	0D	
YNR-LVL	YNR Input Level	TV	07	04	
YNR-LV3	0:OFF 1_7:Input Gain	NTSC	07	04	
YNR-LV5	- ·	480i	07	04	
YNR-LV6	╡	480p	07	04	
YNR-LVB	┥	- î	07	04	
	CNR Input Level	720p/1080i	07	04	
CNR-LVL	0:OFF 1_7:Input Gain	TV			
CNR-LV3		NTSC	07	04	
CNR-LV5	-	480i	07	01	
CNR-LV6	-	480p	07	01	
CNR-LVB	TVI II I	720p/1080i	07	01	
V-POSI7	TV Vertical Position 0:-63_63:0_126:+63	720p	7E	3F	
V-POSI8		1080i	7E	3F	
BLK-LV4	Brightness Amp	TV/NTSC	FE	7F	
BLK-LVD	0:-127_127:0_254:+127	480i/480p/720p/1080i/Bypass	FE	7F	
BLK-LVH		PC	FE	7F	
RGBAMPD	Contrast Amp	TV/Video	FE	7F	
RGBAMPH	0:-127_127:0_254:+127	PC	FE	7F	
BRTCEN4	32/37/42"	TV/NTSC/Multi	FE	80	
BRTCENA	Brightness	480i/480p	FE	7C	
BRTCENB	_	720p/1080i	FE	7C	
BRTCENH		PC	FE	80	
RTCEN4	50"	TV/NTSC/Multi	FE	85	
RTCENA	Brightness	480i/480p	FE	81	
RTCENB	_	720p/1080i	FE	81	
RTCENH		PC	FE	80	
CNTCEN4	Contrast	TV/NTSC	FE	89	
CNTCEND		480i/480p/720p/1080i	FE	89	
CNTCENH	7	PC	FE	80	
CNTCENE	7	offset at SPLIT	FE	3C	

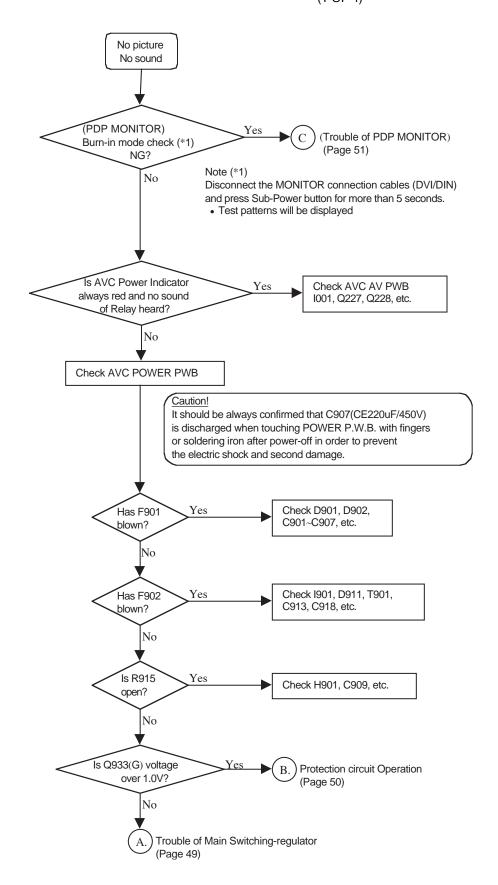
Table 2 - I²C Adjustment Code and Data (Continued)

NRMLCNT	Brightness max	Normal/Real	FE	ВС	
BSGOFS	Black Stretch Gain Offset	ALL	3F	1F	
COLOR-F	Color	SDTV(NT1/NT2/HD3/HD4/H D6)	7F	55	
COLOR-G	7	HDTV(NT3/HD2/HD1/HD5)	7F	5E	
	Tint 32/37/42"	SDTV(NT1/NT2/HD3/HD4/H			
TINT-F		D6)	FE	89	
TINT-G		HDTV(NT3/HD2/HD1/HD5)	FE	81	
	Tint 50"	SDTV(NT1/NT2/HD3/HD4/H			
INT-F		D6)	FE	8E	
INT-G		HDTV(NT3/HD2/HD1/HD5)	FE	8A	
HDMODE8	not use	HD1/HD4	01	00	
FLAON	Automatic Signal Adjustment		_	_	
R-C.O-H	R Gamma Offset	C.Temp=High	3E	1F	
G-C.O-H	G Gamma Offset		3E	1F	
В-С.О-Н	B Gamma Offset	Π Γ	3E	1F	
R-C.O-M	R Gamma Offset	C.Temp=Medium	3E	1F	
G-C.O-M	G Gamma Offset		3E	1F	
B-C.O-M	B Gamma Offset	1	3E	1F	
R-C.O-L	R Gamma Offset	C.Temp=Low	3E	1F	
G-C.O-L	G Gamma Offset	 '	3E	1F	
B-C.O-L	B Gamma Offset	-	3E	1F	
R-C.O-E	R Gamma Offset	C.Temp=B/W	3E	1F	
G-C.O-E	G Gamma Offset	C. Temp-B/ W	3E	1F	
B-C.O-E	B Gamma Offset		3E	1F	
	FC4 Adjustment MENU)E	11	
FC4.ORG ETC	rea Adjustinent WENO		_		
POWSAVE	PC Power Save 0:OFF 1:ON		01	0.1	
POWS-TM	PC Power Save Timer (second)		FE	0F	
INPUT1	Main: YPbPr freq. detection fixe	ed mode	04	00	
INPUT2	Sub : YPbPr freq. detection fixed		04	00	
S.CSTEP	Sub Contrast adjustment step	i mode	FE	06	
S.C-UP	Sub Contrast adjustment maxim	um limit	FE	E6	
	Sub Contrast adjustment minim				
S.C-LOW	Main:maximum luminosity dis		FE	E0 *	
M-MAX	-	,	FE	*	
S-MAX	Sub :maximum luminosity disp	-	FE		
TA1383	TA1383F/TA1340F selection		01	01	
ID1-CCD	VideoID read data(CCD core S/W 0:4x3,1:16x9,2:LB,3:(no use),	*	04	*	
101.20	VideoID read data(3DYC IC)	(20, 110)	02	*	
ID1-3D	0:4x3(No Data),1:16x9,2:LB,3: TA1383F:		03 1F		
M-CONTQ	Sub Contrast Control	480i/480p(DVI)	1F	0E	
M-CONTR	00: MIN(-3dB)	VGA(DVI)		07	
M-CONTS	1F: MAX(+3dB)	720p/1080i(DVI)	1F	0E	
M-CLR-R	Sub Color Control 32/37/42	VGA(DVI)	1F	0F	
MCLR-R	Sub Color Control 50	VGA(DVI)	1F	0F	
S-CONTQ	TA1383F: Sub Contrast Control	480i/480p(DVI)	1F	13	
S-CONTR	00: MIN(-3dB) 1F: MAX(+3dB)	VGA(DVI)	1F	0C	

Table 2 - I²C Adjustment Code and Data (Continued)

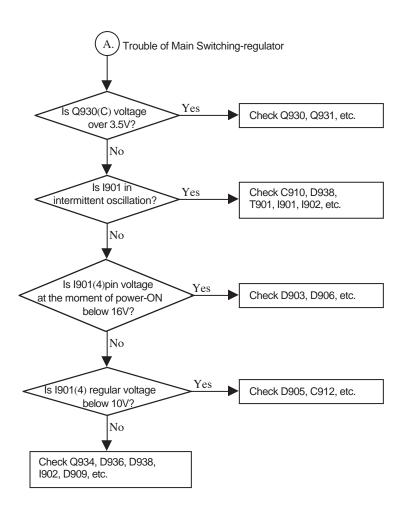
S-CONTS		720p/1080i(DVI)	1F	13	
S-CLR-R	Sub Color Control 32/37/42	VGA(DVI)	1F	0D	
SCLR-R	Sub Color Control 50	VGA(DVI)	1F	0D	
V-POSI5	FC4:	480i	44	3F	
V-POSI6	Vertical Position	480p	44	3F	
BBLCKM	TA1383F 50"	TV/NTSC/480i	FE	00	
BBLCK6	CB(PB) Black Level Control 00: OFF 01: MIN_FE: MAX	480p	FE	00	
BBLCK7	OO. OTT OT. WIIN_TE. WIAA	720p	FE	00	
BBLCK8		1080i	FE	00	
RBLCKM	TA1383F 50"	TV/NTSC/480i	FE	00	
RBLCK6	CR(PR) Black Level Control	480p	FE	00	
RBLCK7	-00: OFF 01: MIN_FE: MAX	720p	FE	00	
RBLCK8	7	1080i	FE	00	
BBLACKQ	32/37/42" CB(PB) Black Level Control	DVI(480i/480p)	FE	00	
BBLACKS	00: OFF 01: MIN_FE: MAX	DVI(720p/1080i)	FE	00	
RBLACKQ	32/37/42"	DVI(480i/480p)	FE	00	
RBLACKS	CR(PR) Black Level Control 00: OFF 01: MIN_FE: MAX	DVI(720p/1080i)	FE	00	
BBLCKQ	50" —CB(PB) Black Level Control	DVI(480i/480p)	FE	00	
BBLCKS	00: OFF 01: MIN_FE: MAX	DVI(720p/1080i)	FE	00	
RBLCKQ	50" CR(PR) Black Level Control	DVI(480i/480p)	FE	00	
RBLCKS	00: OFF 01: MIN_FE: MAX	DVI(720p/1080i)	FE	00	
DUMMY0	dummy		FF	FF	
DUMMY1	dummy		FF	FF	
DUMMY2	dummy		FF	FF	
DUMMY3	dummy			FF	
DUMMY4	dummy		FF	FF	
DUMMY5	dummy		FF	FF	
DUMMY6	dummy		FF	FF	
DUMMY7	dummy		FF	FF	
DUMMY8	dummy		FF	FF	

TROUBLESHOOTING FLOWCHARTS (1 OF 4)



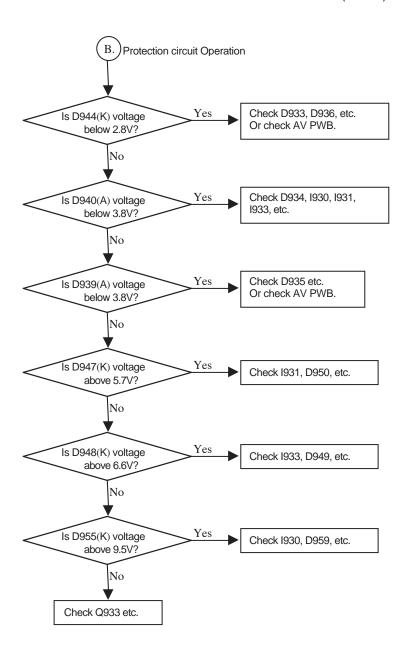
TROUBLESHOOTING FLOWCHARTS

(2 OF 4)



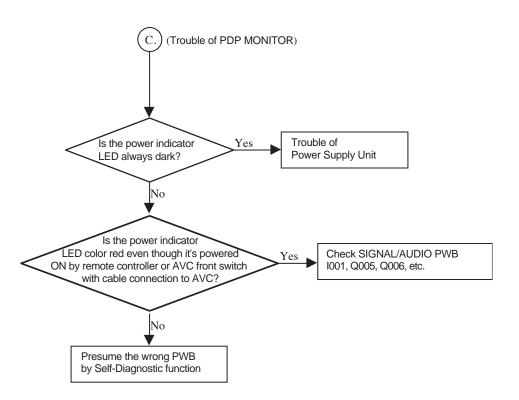
TROUBLESHOOTING FLOWCHARTS

(3 OF 4)



TROUBLESHOOTING FLOWCHARTS

(4 OF 4)



SELF DIAGNOSIS FUNCTION

• PDP Monitor

Sub-Power button also activates Self Diagnosis mode for a PDP monitor failure with no picture.

To enter to Self Diagnosis mode, follow the next conditions and steps:

Conditions:

- 1) The connection cable between the Monitor and AVC (DVI and DIN) must be unplugged from the Monitor.
- 2) Make sure Power Cord of AC line is connected to the PDP Monitor.
- 3) The Main Power switch must be turned on.

Procedure:

- 1) Press Sub-Power button for more than 5 seconds.
- Make sure Power Cord of AC line is connected to the PDP Monitor.
- 3) If PDP Monitor has no failure, it enters Burn-in mode.
- 4) Turning off the Main Power switch would cancel the Self Diagnosis mode.
- 5) The next table shows the PDP PWB in which failure most probably would be allocated according to the number of blinks.

Number of red blinks of power indication light	Presumed failing PWB
1	Logic
2	X-SUS
3	Y-SUS
4	X-SUS, Y-SUS, SDM, PSU
5	ADM, PSU, ABUS
6	ADM
7	ADM
8	All PWB's

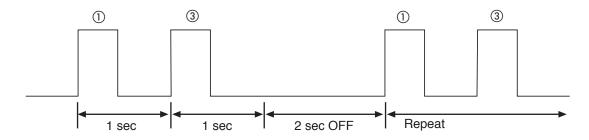
SDM: Scan Driver Module PSU: Power Supply Unit

ADM: Address Driver Module

Note: SDM is permanently contacted to glass part

[Blinking condition of power indication light]

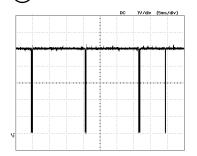
ex. 2 blinks



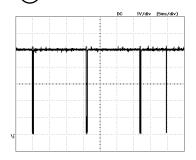
WAVEFORMS AT EACH SECTION

Numbers inside circle correspond to locations shown in the circuit diagram.

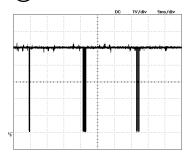
1 1001 Pin 29



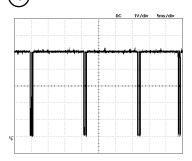
(2) 1001 PIN 30



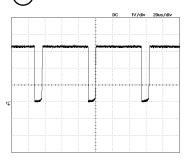
3 1001 PIN 28



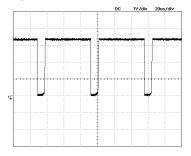
(4) 1001 PIN 31



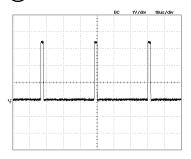
(5) 1001 PIN 23



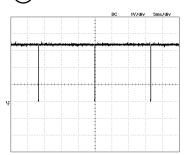
6 1001 PIN 25



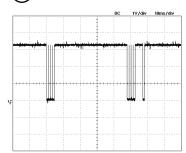
(7) 1001 PIN 62



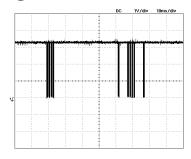
(8) 1001 PIN 64



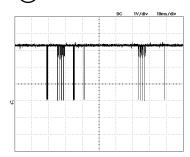
9 I001 PIN 56



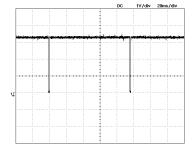
(10) 1001 PIN 53



(11) 1001 PIN 52



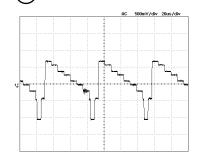
12) 1001 PIN 55



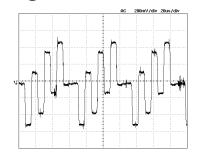
WAVEFORMS AT EACH SECTION

Numbers inside circle correspond to locations shown in the circuit diagram.

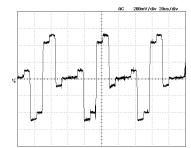
(13) TP301 (PS0FP PIN 24)



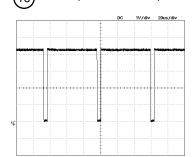
(14) TP302 (P50FP PIN 23)



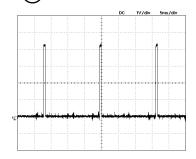
(15) TP303 (P50FP PIN 22)



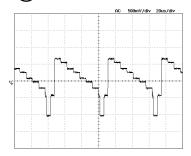
(16) TP304 (P50FP PIN 20)



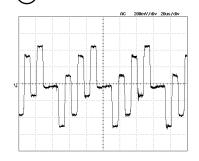
(17) TP305(P50FP PIN 19)



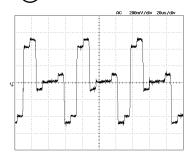
(18) TP306 (P50FP PIN 17)



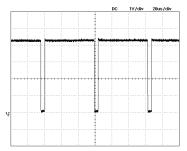
19 TP307 (P50FP PIN 16)



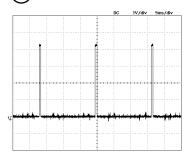
(20) TP308 (P50FP PIN 15)



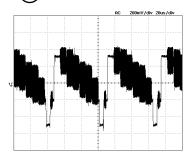
21) TP309 (P50FP PIN 13)



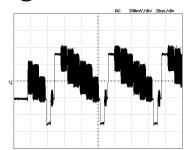
(22) TP310 (P50FP PIN 12)



(23) U102 PIN 18



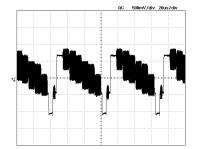
(24) U101 PIN 18



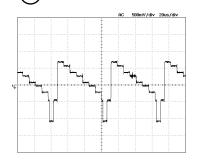
WAVEFORMS AT EACH SECTION

Numbers inside circle correspond to locations shown in the circuit diagram.

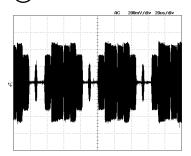
(25) TPX51 (IX01 PIN 44)



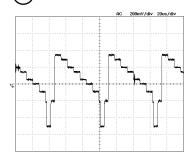
(26) TPX54 (IX01 PIN 56)



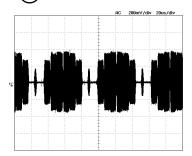
27) TPX55 (IX01 PIN 58)



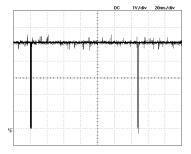
(28) TPW03 (IW01 PIN 84, after LPF)



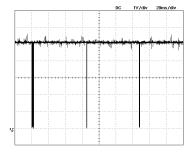
(29) TPZ23 (IW01 PIN 83, after chroma)



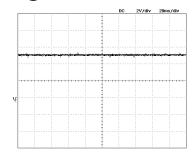
(30) 1001 PIN 54



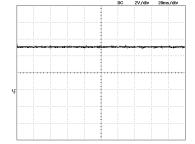
(31) 1001 PIN 55



(32) 1001 PIN 59



(33) 1001 PIN 58



AVC3-U Audio/Video Board (Signal)

Symbol	pin No.	DC Voltage
	1	0.28
	2	1.33
	3	5.11
	4	5.09
	5	0.00
1001	6	0.00
	7	1.43
	8	0.00
	9	0.00
	10	3.26
	11	3.26
	12	3.28
	13	1.69
	14	0.00
	15	1.65
	16	3.28
	17	1.01
	18	3.27
	19	2.91
	20	
		0.00
	21 22	0.00
	23	0.00 2.83
	23	
		0.00
	25	2.84
	26	1.58
	27	0.00
	28	5.11
	29	5.11
	30	5.11
	31	5.11
	32	0.00
	33	0.00
	34	0.00
	35	0.00
	36	0.00
	37	3.26
	38	0.00
	39	3.26
	40	3.26
	41	0.00
	42	2.52
	43	0.00
	44	0.00
	45	0.00
	46	0.00
	47	3.25
	48	3.25
	49	0.00
	50	0.00

`	,	
Symbol	pin No.	DC Voltage
	51	3.16
	52	3.25
	53	3.25
	54	0.20
	55	3.25
1001	56	0.00
	57	3.25
	58	3.25
	59	3.12
	60	0.00
	61	3.81
	62	0.00
	63	3.81
	64	3.28
	65	0.00
	66	0.00
	67	0.00
	68	0.00
	69	0.00
	70	0.00
	70	0.00
	72	
	73	0.00 3.18
	74	
		3.18
	75	3.24
	76	3.79
	77	3.72
	78	3.28
	79	3.26
	80	0.00
	81	3.27
	82	3.27
	83	0.00
	84	0.00
	85	3.19
	86	3.19
	87	3.25
	88	0.00
	89	0.00
	90	0.00
	91	0.00
	92	1.74
	93	1.47
	94	3.27
	95	0.51
	96	1.31
	97	2.05
	98	0.00
	99	5.11
	100	2.05

Symbol	pin No.	DC Voltage
	1	0.00
	2	0.00
1002	3	0.00
	4	3.28
	1	0.00
	2	0.00
1003	3	0.00
	4	0.00
	5	5.11 5.11
	6	
	7	0.00
	8	5.11
	1	0.00
	2	0.00
	3	3.25
	4	3.25
	5	2.60
	6	0.00
	7	0.00
1004	8	0.00
	9	5.11
	10	5.11
	11	5.11
	12	0.00
	13	0.00
	14	0.00
	15	0.00
	16	5.11
	1	3.68
	2	5.24
	3	0.00
	4	0.00
	5	0.00
	6	0.00
I201	7	0.00
	8	0.00
	9	0.00
	10	0.00
	11	0.00
	12	5.23
	13	3.61
	14	5.24
	15	5.24
	16	9.02

Symbol	pin No.	DC Voltage
	1	3.28
	2	3.29
	3	0.00
	4	3.29
	5	3.29
	6	0.00
	7	
	8	3.29 0.24
	9	0.00
	10	0.00
	11	0.00
	12	3.29
	13	0.00
	14	0.00
	15	0.00
	16	0.00
	17	3.29
	18	3.29
	19	0.00
	20	0.00
	21	0.00
	22	0.00
1202	23	0.00
0_	24	3.29
	25	0.00
	26	0.00
	27	0.00
	28	0.00
	29	0.00
	30	3.29
	31	
	32	3.29 3.29
	33	
	34	3.29 3.29
	35	3.29
	36	3.29
	37	3.29
	38	0.00
	39	0.00
	40	0.00
	41	0.00
	42	3.29
	43	3.29
	44	3.29

AVC3-U Audio/Video Board (Signal) (Cont.)

Symbol	pin No.	DC Voltage
C)	1	0.00
	2	0.00
	3	5.11
	4	0.00
	5	0.00
	6	5.09
	7	0.00
	8	0.00
1203	9	5.11
	10	0.00
	11	3.26
	12	0.00
	13	0.00
	14	5.07
	15	0.00
	16	0.00
	17	3.28
	18	0.00
	19	0.00
	20	5.11
	1	5.09
	2	5.09
	3	5.09
	4	5.09
	5	5.09
1204	6	0.00
1204	7	0.00
	8	
		0.00
	9	5.09
	10	5.09
	11	5.09
	12	5.11
	13	5.11
	14	5.11
	15	5.09
	16	5.11
	1	0.00
	2	3.25
	3	5.11
	4	3.25
	5	4.95
	6	3.25
	7	5.10
	8	0.00
1206	9	0.00
	10	0.00
	11	0.00
	12	0.00
	13	3.26
	14	5.11
	15	4.94
	16	4.99
	17	3.25
	18	5.11
	19 20	0.00 5.11

Symbol pin No. DC Voltage			
1207 2	Symbol	pin No.	DC Voltage
1207 3		1	0.00
1207		2	4.64
1207 6		3	4.98
1207 6		4	4.94
T		5	0.13
S	1207	6	
9 0.00 10 4.98 11 4.98 12 4.86 13 0.00 14 0.00 15 4.94 16 4.98 1 0.00 2 0.00 3 0.00 4 0.00 5 3.29 6 3.29 7 0.00 8 3.29 7 0.00 8 3.29 9 7 0.00 8 3.29 9 7 0.00 0 8 0.00 0 0 0 0 0 0 0 0 0		7	4.86
10		8	0.00
11		9	0.00
12		10	4.98
12		11	4.98
14		12	
14		13	0.00
15			
16		15	
1			
2			
Symbol Feet			
Symbol File			
Symbol pin No. DC Voltage	1208		
Symbol pin No. DC Voltage	1200		
7 0.00 8 3.29 Symbol pin No. DC Voltage E 0.00 C 0.46 E 0.00 C 5.11 E 0.00 C 5.11 E 0.00 C 0.00 E 0.00 Q102 B 0.70 C 0.00 Q103 B 0.63 C 0.00 Q104 B 0.63 C 0.00 Q202 B 0.00 Q202 B 0.00 C 0.00 C Q203 B 0.62			
Symbol pin No. DC Voltage			
Symbol pin No. DC Voltage Q001 E 0.00 C 0.46 B 0.00 C 5.11 E 0.00 C 5.11 E 0.00 C 0.00 B 0.70 C 0.00 B 0.70 C 0.00 B 0.63 C 0.00 B 0.63 C 0.00 B 0.63 C 0.00 B 0.63 C 0.00 B 0.03 B 0.00 C 0.00 C 0.00 C 0.00 C 0.00 E 0.00 C 0.00 E 0.00 C 0.00 C 0.00 C 0.00 <t< td=""><td></td><td></td><td></td></t<>			
Q001	Symbol		
Q001 B 0.00 C 0.46 E 0.00 Q002 B 0.00 C 5.11 E 0.00 Q101 B 0.70 C 0.00 Q102 B 0.70 C 0.00 Q103 B 0.63 C 0.00 Q104 B 0.63 C 0.00 Q105 E 0.00 Q106 C 0.00 Q207 B 0.00 Q208 B 0.00			
Q002 B 0.00 C 5.11 E 0.00 Q101 B 0.70 C 0.00 Q102 B 0.70 C 0.00 Q102 B 0.70 C 0.00 Q103 B 0.63 C 0.00 Q104 B 0.63 C 0.00 Q104 B 0.63 C 0.00 Q202 B 0.00 Q202 B 0.00 Q203 B 0.00 Q203 B 0.62	Q001		
E 0.00			
Q002 B 0.00 C 5.11 E 0.00 Q101 B 0.70 C 0.00 Q102 B 0.70 C 0.00 Q103 B 0.63 C 0.00 Q104 B 0.63 C 0.00 Q104 B 0.63 C 0.00 Q202 B 0.00 Q202 B 0.00 Q203 B 0.62			
C 5.11 E 0.00 Q101 B 0.70 C 0.00 E 0.00 Q102 B 0.70 C 0.00 Q103 B 0.63 C 0.00 Q104 B 0.63 C 0.00 Q104 B 0.63 C 0.00 Q202 B 0.00 Q202 B 0.00 Q203 B 0.62		F	
Q101	Q002		0.00
Q101 B 0.70 C 0.00 E 0.00 Q102 B 0.70 C 0.00 Q103 B 0.63 C 0.00 Q104 B 0.63 C 0.00 Q104 B 0.63 C 0.00 Q202 B 0.00 Q202 B 0.00 Q203 B 0.62	Q002	В	0.00 0.00
C 0.00 E 0.00 Q102 B 0.70 C 0.00 Q103 B 0.63 C 0.00 E 0.00 Q104 B 0.63 C 0.00 E 0.00 Q202 B 0.00 C 0.00 Q202 B 0.00 C 0.00 C 0.00 Q203 B 0.62	Q002	B C	0.00 0.00 5.11
Q102		B C E	0.00 0.00 5.11 0.00
Q102 B 0.70 C 0.00 Q103 B 0.63 C 0.00 Q104 B 0.63 C 0.00 Q104 B 0.63 C 0.00 Q202 B 0.00 Q202 B 0.00 Q203 B 0.62		B C E B	0.00 0.00 5.11 0.00 0.70
Q103		B C E B	0.00 0.00 5.11 0.00 0.70 0.00
Q103	Q101	B C E B C	0.00 0.00 5.11 0.00 0.70 0.00
Q103 B 0.63 C 0.00 E 0.00 Q104 B 0.63 C 0.00 E 0.00 Q202 B 0.00 C 0.00 C 0.00 Q203 B 0.62	Q101	B C E B C E	0.00 0.00 5.11 0.00 0.70 0.00 0.00 0.70
C 0.00 E 0.00 Q104 B 0.63 C 0.00 E 0.00 Q202 B 0.00 C 0.00 C 0.00 Q203 B 0.62	Q101	B C B C E B	0.00 0.00 5.11 0.00 0.70 0.00 0.00 0.70 0.00
Q104 E 0.00 C 0.00 E 0.00 C 0.00 C 0.00 C 0.00 C 0.00 Q202 B 0.00 C 0.00 C 0.00 Q203 B 0.62	Q101 Q102	B C E B C E	0.00 0.00 5.11 0.00 0.70 0.00 0.00 0.70 0.00 0.00 0.00
Q104 B 0.63 C 0.00 E 0.00 Q202 B 0.00 C 0.00 C 0.00 Q203 B 0.62	Q101 Q102	B C E B C E B	0.00 0.00 5.11 0.00 0.70 0.00 0.00 0.70 0.00 0.00 0.00 0.00 0.00
C 0.00 E 0.00 Q202 B 0.00 C 0.00 E 0.00 Q203 B 0.62	Q101 Q102	B C E B C E B C	0.00 0.00 5.11 0.00 0.70 0.00 0.70 0.00 0.70 0.00 0.00 0.00 0.00
Q202	Q101 Q102 Q103	B C E B C E	0.00 0.00 5.11 0.00 0.70 0.00 0.70 0.00 0.70 0.00 0.00 0.00 0.00 0.00 0.00
Q202 B 0.00 C 0.00 E 0.00 Q203 B 0.62	Q101 Q102 Q103	B C E B C E B C E B	0.00 0.00 5.11 0.00 0.70 0.00 0.70 0.00 0.70 0.00 0.00 0.63 0.00 0.00 0.63
C 0.00 E 0.00 Q203 B 0.62	Q101 Q102 Q103	B C E B C E B C C	0.00 0.00 5.11 0.00 0.70 0.00 0.70 0.00 0.70 0.00 0.00 0.63 0.00 0.63
Q203 B 0.62	Q101 Q102 Q103 Q104	B C E B C E B C E	0.00 0.00 5.11 0.00 0.70 0.00 0.70 0.00 0.70 0.00 0.63 0.00 0.63 0.00 0.00
Q203 B 0.62	Q101 Q102 Q103 Q104	B C E B C E B C E B B C E B B C E B B C E B B C E B B C E B B C E B B C E B B B C E B B B B	0.00 0.00 0.00 5.11 0.00 0.70 0.00 0.70 0.00 0.70 0.00 0.0
	Q101 Q102 Q103 Q104	B C E B C E B C C E C C C C C C C C C C	0.00 0.00 0.00 5.11 0.00 0.70 0.00 0.70 0.00 0.70 0.00 0.0
C 0.00	Q101 Q102 Q103 Q104 Q202	B C E B C E B C E	0.00 0.00 0.00 5.11 0.00 0.70 0.00 0.70 0.00 0.70 0.00 0.63 0.00 0.63 0.00 0.00 0.00 0.0
	Q101 Q102 Q103 Q104 Q202	B C E B C E B C E B C E B C E B C E B C E B C E B C E B C E B C E B C E B C E B C E B C E B C E B C E B E B	0.00 0.00 0.00 5.11 0.00 0.70 0.00 0.70 0.00 0.70 0.00 0.63 0.00 0.63 0.00 0.00 0.63 0.00 0.00

Symbol	pin No.	DC Voltage
	Е	3.01
Q204	В	2.43
	С	0.00
	Ē	2.40
Q205	В	3.01
QLOO	C	4.98
	E	4.92
Q206	В	4.62
QZUU	С	
		0.00
0007	E	4.30
Q207	В	4.92
	C	4.98
	E	4.56
Q208	В	5.19
	С	9.02
	E	4.60
Q209	В	5.23
	С	9.02
	Е	0.00
Q210	В	0.70
	C	0.00
	E	0.00
Q211	В	0.70
Q/LII	С	0.70
0040	E	0.00
Q212	В	0.33
	C	1.57
	Е	0.00
Q313	В	0.00
	С	3.28
	Е	0.00
Q214	В	0.00
	С	5.09
	Ē	0.00
Q215	B	0.10
~	C	2.84
	E	5.75
Q216	В	5.86
QZ IU	С	0.50
0047	E	5.85
Q217	В	5.22
	С	0.00
	E	5.18
Q218	В	4.90
	С	9.01
	Е	4.26
Q219	В	3.83
	С	0.00
	Ē	0.00
Q220	В	0.10
پد <u>د</u> د	С	2.86
	F	5.74
0224	В	
Q221	C.	5.86
		0.50

5.85

	NI-	DO 1/-14
	pin No.	
Q222	В	5.22
	C	0.00
	E	5.18
Q223	В	4.90
	С	9.01
	Е	4.35
Q224	В	3.95
	С	0.00
	Е	0.00
Q231	В	0.00
	С	5.11
	Е	0.00
Q233	В	0.00
	С	1.08
	Е	0.00
Q234	В	0.70
	С	0.00
	Е	0.00
Q235	В	0.00
	С	1.08
	Е	0.00
Q236	В	0.70
	С	0.00
Symbol	pin No.	DC Voltage
	E	0.00
Q241	В	0.10
	С	3.44
	Е	0.00
Q242	В	0.10
	С	3.43
		3.43
	E	
Q246	E B	0.00
Q246		0.00 0.00
Q246	В	0.00 0.00 5.12
Q246 Q247	B C	0.00 0.00 5.12 0.00
	B C E B	0.00 0.00 5.12 0.00 0.64
	B C E	0.00 0.00 5.12 0.00 0.64 0.00
Q247	B C E B C	0.00 0.00 5.12 0.00 0.64 0.00
	B C E B C	0.00 0.00 5.12 0.00 0.64 0.00 0.00 0.56
Q247	B C B C E B	0.00 0.00 5.12 0.00 0.64 0.00 0.00 0.56 1.00
Q247 Q251	B E B C E	0.00 0.00 5.12 0.00 0.64 0.00 0.00 0.56 1.00 0.00
Q247	B C E B C E B	0.00 0.00 5.12 0.00 0.64 0.00 0.00 0.56 1.00 0.00 0.74
Q247 Q251	B C E B C E B	0.00 0.00 5.12 0.00 0.64 0.00 0.56 1.00 0.00 0.74 0.00
Q247 Q251 Q252	B C E B C E B C	0.00 0.00 5.12 0.00 0.64 0.00 0.56 1.00 0.00 0.74 0.00 0.00
Q247 Q251	B C E B C E B C E B	0.00 0.00 5.12 0.00 0.64 0.00 0.56 1.00 0.00 0.74 0.00 0.00 0.00
Q247 Q251 Q252	B C E B C E B C C	0.00 0.00 5.12 0.00 0.64 0.00 0.56 1.00 0.00 0.74 0.00 0.00 0.00 0.00 0.00
Q247 Q251 Q252 Q253	B C E B C E B C E E B C E E E E E E E E	0.00 0.00 5.12 0.00 0.64 0.00 0.56 1.00 0.74 0.00 0.00 0.00 0.00 0.00
Q247 Q251 Q252	B C E B C E B C E B B C E B B C E B B C E B B C E B B C E B B C E B B C E B B C E B B B C E B B C E B B B B	0.00 0.00 5.12 0.00 0.64 0.00 0.56 1.00 0.74 0.00 0.00 0.00 0.00 0.00 0.00
Q247 Q251 Q252 Q253	B C E B C E B C E E B C E E E E E E E E	0.00 0.00 5.12 0.00 0.64 0.00 0.56 1.00 0.74 0.00 0.00 0.00 0.00 0.00

AVC3-U Audio/Video Board (Sound, Power)

Symbol	pin No.	DC Voltage
Q403	В	5.11
	С	8.99
	Е	4.51
Q403A	В	5.11
	С	8.99
	Е	0.00
Q404	В	0.60
	С	0.00
	Е	0.00
Q405	В	0.60
	С	0.00
	E	3.77
Q406	В	4.22
	С	8.99
	E	3.77
Q406A	В	4.22
	С	8.99
	Е	0.00
Q407	В	0.00
	С	0.00

Symbol	pin No.	DC Voltage
	E	0.00
Q407A	В	0.00
	С	0.00
	Е	3.90
Q408	В	4.53
	C E	8.99
	Е	3.90
Q408A	В	4.53
	С	8.99
	E	0.00
Q409	В	0.00
	С	0.00
	E	0.00
Q409A	В	0.00
	С	0.00
	Е	3.97
Q411	В	4.53
	С	8.39
	Е	3.95
Q411A	В	4.53
	С	8.38
	Е	8.99
Q412	В	8.39
	С	4.79
	Е	8.99
Q412A	В	8.39
	С	4.80
	Е	3.09
Q413	В	2.48
	С	0.00
	Е	0.00
Q414	В	0.00
	С	5.47
	Ē	5.02
Q415	В	5.63
	С	4.10
	Ē	5.02
Q416	В	0.63
	С	0.00

Symbol	pin No.	DC Voltage
	1	4.43
	2	4.51
	3	4.43
	4	0.00
	5	0.25
	6	0.00
	7	0.00
1401	8	0.00
	9	0.00
	10	0.00
	11	0.00
	12	4.43
	13	4.43
	14	0.00
	15	4.49
	16	8.99
	1	4.49
	2	1.37
	3	4.53
	4	8.99
1402	5	4.50
	6	0.00
	7	3.48
	8	4.53
	9	5.48
	10	4.49
	1	0.00
	2	2.84
	3	5.20
	4	2.88
	5	0.00
	6	0.00
1403	7	2.88
	8	0.00
	9	5.73
	10	2.88
	11	0.00
	12	3.07
	13	2.88
	14	5.20
	15	2.84
	16	2.89

Symbol	pin No.	DC Voltage
	1	3.94
1904	2	0.00
	3	1.28
	4	2.48
	5	3.25
	1	5.67
	2	4.93
1905	3	5.67
	4	3.92
	5	0.00
	6	0.00
	7	4.99
	8	4.99
	1	5.65
	2	4.90
1906	3	5.65
	4	3.92
	5	0.00
	6	0.00
	7	4.97
	8	4.97
	1	3.93
1907	2	9.83
	3	0.00
	4	9.00
	5	9.00
	1	3.93
	2	9.83
1908	3	0.00
	4	9.00
	5	9.00
	1	3.93
1055	2	9.83
1909	3	0.00
	4	9.00
	5	9.00
	1	5.11
	2	4.44
1040	3	5.11
1910	4	5.11
	5	0.00
	6	0.00
	7	3.29
	8	3.29

AVC3-U Audio/Video Board (DVI)

Symbol	pin No.	DC Voltage
	1	3.29
	2	3.29
	3	3.29
	4	0.00
	5	3.29
IJ01	6	3.29
1001	7	3.29
	8	3.29
	9	3.29
	10	0.00
	11	3.29
	12	0.00
	13	3.29
	14	
		3.29
	15	3.29
	16	0.00
	17	3.29
	18	0.00
	19	0.00
	20	3.29
	21	0.00
	22	3.29
	23	0.00
	24	3.29
	25	0.00
	26	0.00
	27	3.29
	28	0.00
	29	0.00
	30	3.29
	31	0.00
	32	3.29
	33	0.00
	34	0.00
	35	0.00
	36	0.00
	37	3.30
	38	3.30
	39	3.30
	40	0.00
	41	3.30
	42	3.30
	43	0.00
	44	0.00
	45	0.00
	46	3.30
	47	
		0.00
	48	3.29
	49	3.29
	50	0.00
	51	3.29
	52	3.29

Symbol	pin No.	DC Voltage
	1	0.00
	2	0.00
	3	0.00
IJ04	4	0.00
	5	4.66
	6	4.66
	7	4.68
	8	4.68
	1	5.67
	2	5.03
	3	6.67
IJ05	4	5.67
	5	0.00
	6	0.00
	7	4.99
	8	4.99
	1	4.99
	2	4.40
	3	4.99
IJ06	4	4.99
	5	0.00
	6	0.00
	7	3.30
	8	3.30
	Е	0.65
QJ01	В	0.00
	С	0.00
	C E	0.65
QJ05	В	0.00
	С	0.00
	Ē	0.65
QJ09	В	0.00
	C	0.00
	Ē	0.00
QJ13	В	0.00
	С	0.65
	Ē	0.00
QJ14	В	0.00
ασ	C	1.55

Symbol	pin No.	DC Voltage
	1	0.00
	2	0.00
	3	0.00
IJA3	4	0.00
	5	0.00
	6	0.00
	7	0.00
	8	0.00
	E	0.00
QJA0	В	0.00
	С	0.20
QJA4	Е	0.20
	В	0.00
	С	0.00
	Е	0.20
QJA8	В	0.00
	С	0.00
	Е	0.00
QJC2	В	0.00
	С	0.20

AVC3-U Audio/Video Board (Input)

Symbol	pin No.	DC Voltage
	1	0.00
	2	2.20
	3	2.76
	4	2.44
	5	1.24
IV01	6	0.00
	7	0.00
	8	4.96
	9	0.00
	10	2.25
	11	2.09
	12	3.35
	13	3.79
	14	1.43
	15	3.71
	16	4.91
	1	3.97
	2	4.41
	3	3.92
	4	4.42
	5	4.36
	6	0.10
	7	0.00
	8	3.89
	9	4.40
	10	3.89
	11	4.40
	12	4.36
	13	0.10
	14	4.85
IX01	15	3.88
	16	4.40
	17	3.88
	18	4.40
	19	4.36
	20	0.10
	21	4.86
	22	3.88
	23	4.40
	24	3.88
	25	4.40
	26	4.36
	27	0.10
	28	4.85
	29	4.40
	30	4.37
	31	4.40
	32	0.00
	33	5.00
	34	4.97
	35	0.00
	36	0.00
	37	4.35
	38	4.43
	39	3.64
	40	4.43
	41	4.56
	42	8.87

(Input)		
Symbol	pin No.	DC Voltage
	43	8.87
	44	4.43
	45	4.46
	46	3.63
	47	4.35
IX01	48	0.10
., .,	49	5.03
	50	4.42
	51	4.36
	52	4.43
	53	4.57
	54	4.43
	55	3.64
	56	4.32
	57	0.00
	58	4.28
	59	4.40
	60	5.20
	61	4.40
	62	4.40
	63	4.87
	64	4.40
	1	0.67
IX02	2	0.50
1/102	3	0.69
	4	8.82
	5	4.87
	6	0.00
	7	4.60
	8	0.00
	9	
	10	4.63 4.60
	11 12	0.80
		0.60
	13 14	0.79
	15	8.82 4.93
	16 17	0.00
		4.65
	18 19	0.00 4.66
	20	4.84
	21	1.36
	22	1.17
	23	1.36
	24	0.00
	25	0.00
	26	4.85
	27	4.91
	28	4.95
	29	0.00
	30	0.00
	31	0.00
	32	4.57
	33	0.00
	34	5.28
	35	0.00
	36	5.12

		DO 1/ //
Symbol	pin No.	DC Voltage
	37	0.00
	38	6.26
	39	8.84
	40	4.16
	41	0.00
	42	4.21
	43	0.00
	44	4.22
	45	8.81
	46	4.18
IX02	47	0.00
-	48	4.18
	49	0.00
	50	4.28
	51	8.82
	52	8.82
	53 54	5.14 0.00
	55	4.85
	56 57	0.00 4.85
	58	8.82
	59	5.14
	60	0.00
	61	4.85
	62	0.00
	63	4.85
	64	4.95
	1	2.90
	2	0.00
	3	2.08
	4	0.00
	5	2.08
IX03	6	0.97
	7	0.00
	8	1.72
	9	1.75
	10	0.00
	11	2.84
	12	0.00
	13	4.89
	14	2.90
	15	0.00
	16	2.84
	E	3.08
QV01	В	3.71
	C	8.95
	Ē	2.22
QV02	В	2.82
Q V UZ	C	8.32
	Ē	8.95
QV03	В	8.32
3,000	С	4.92
	E	4.92
QV04	B	4.30
	C	
	U	4.95

Symbol	pin No.	DC Voltage
	Е	3.20
QV05	В	3.79
	С	8.97
	Е	2.20
QV06		
QVUb	B C	2.80
		8.32
O) (0=	E	8.97
QV07	В	8.34
	С	5.79
	E	5.16
QV08	В	5.79
	С	8.97
	Е	6.15
QV09	В	6.77
	С	8.97
	Ē	2.98
QV10	В	
QVIU		2.36
	ОГ	0.00
0)/-:	E	0.00
QX01	В	0.00
	С	0.00
	Е	0.00
QX02	В	0.00
	С	0.00
	Е	3.86
QX03	В	4.53
Q/100	C	8.89
	E	2.97
QX04	В	
QX04		3.63
	C	8.89
	E	3.68
QX05	В	4.34
	С	8.89
	П	0.00
QX08	В	0.42
	С	3.30
	Е	3.85
QX12	В	4.47
G/(12	C	8.87
	E	
0.742		3.85
QX13	В	4.47
	C	8.87
	Е	3.73
QX14	В	4.35
	С	8.87
	Е	3.69
QX15	В	4.31
	С	8.87
	Ē	3.67
QX16	В	4.28
	С	8.87
	E	
		3.95
0747		4 ^
QX17	В	4.56
QX17	B C	8.87
	В	8.87 2.37
QX17 QX21	B C	8.87

AVC3-U Audio/Video Board (Input) (CONT.)

Symbol	pin No.	DC Voltage
	1	2.90
	2	0.00
	3	2.08
	4	0.00
	5	2.08
IX04	6	1.44
	7	0.00
	8	2.20
	9	1.80
	10	0.00
	11	2.84
	12	0.00
	13	4.89
	14	2.90
	15	0.00
	16	2.84

Symbol	pin No.	DC Voltage
	Е	2.34
QX22	В	1.70
	С	0.00
	Ε	2.32
QX23	В	1.69
	С	0.00
	Е	2.35
QX24	В	1.72
	С	0.00
	Ε	2.35
QX25	В	1.72
	С	0.00
	Е	2.33
QX26	В	1.70
	С	0.00
	Е	3.61
QX30	В	4.22
	С	8.82
	Е	3.66
QX31	В	4.28
	С	8.82
	Е	2.37
QX37	В	1.77
	С	0.00
	Е	4.25
QX38	В	3.67
	С	0.00

AVC3-U Video

0 1 1		DO 17 16
Symbol	pin No.	DC Voltage
	1	0.00
	2	0.00
	3	0.00
	4	0.00
	5	0.00
114/04		
IW01	6	0.00
	7	0.00
	8	0.00
	9	0.00
	10	
		0.60
	11	3.25
	12	3.25
	13	0.00
	14	0.00
	15	
		0.00
	16	0.00
	17	0.00
	18	0.00
	19	0.00
	20	0.00
	21	0.00
	22	0.00
	23	0.00
	24	0.00
	25	0.00
	26	0.00
	27	0.00
	28	0.00
	29	0.00
	30	0.00
	31	2.43
	32	2.43
	33	0.00
	34	0.00
	35	0.00
	36	0.00
	37	0.00
	38	3.25
	39	0.00
	40	0.00
	41	0.00
	42	0.00
	43	0.00
	44	
		0.00
	45	2.42
	46	2.43
	47	1.15
	48	1.15
	49	0.00
	50	1.67
	51	0.00
	52	1.24
		2.43
	53	
	54	0.00
	55	0.00
	56	0.00
	57	3.25
	50	0.20

Symbol	pin No.	DC Voltage
	59	4.92
	60	4.84
	61	0.13
	62	0.13
	63	0.00
IW01	64	2.42
	65	0.00
	66	0.00
	67	0.00
	68	0.00
	69	0.00
	70	0.00
	71	0.00
	72	0.00
	73	0.00
	74	0.00
	75	0.00
	76	2.91
	77	0.00
	78	0.00
	79	0.00
	80	0.00
	81	2.41
	82	1.02
	83	1.44
	84	1.44
	85	1.02
	86	0.00
	87	0.00
	88	1.08
	89	0.64
	90	0.74
	91	1.21
	92	2.41
	93	2.41
	94	0.00
	95	0.00
	96	1.07
	97	0.00
	98	0.00
	99	0.00
	100	2.42
	1	0.00
IW02	2	0.00
	3	0.00
	4	3.25
	5	3.25
	1	8.89
	2	2.51
	3	4.12
	4	2.50
	5	0.00
	6	2.35
IZ01	7	0.00
01		
	8	4.74
	9	6.18
	10	5.02
	11	0.00

Symbol		DC Voltage
	12	8.90
1704	13	4.84
IZ01	14	4.90
	15	0.00
	16	2.41
	17	4.58
	18 19	0.00
	20	2.42
	21	2.25 3.89
	22	3.65
	23	3.58
	24	4.13
	25	4.84
	26	2.89
	27	0.00
	28	2.21
	29	2.21
	30	2.35
	1	8.89
	2	2.51
	3	4.12
	4	1.95
	5	0.00
	6	2.35
	7	0.00
	8	4.66
	9	6.19
	10	5.02
	11	0.00
	12	0.00
	13	4.80
	14	4.89
	15	0.00
	16	2.41
	17	4.58
	18	0.00
	19	2.41
	20	2.26
	21	3.89
	22	3.61
	23	3.61
	24	4.00
	25	4.84
	26 27	2.88
	28	0.00 2.21
	29	2.21
	30	2.35
	1	5.95
	2	6.23
	3	5.95
	4	0.10
IZ03	5	0.00
55		
	6	5.94
	7	5.95
	8	5.93
	9	0.00

Symbol		DC Voltage
	10	0.00
	11	0.00
IZ03	12	8.77
	13	4.55
	14	4.84
	15	4.56
	16	2.87
	1	5.18
	2	0.00
	3	4.45
	4	0.00
IZ04	5	4.45
	6	3.38
	7	0.00
	8	4.05
	9	4.05
	10	0.00
	11	5.24
	12	3.22
	13	8.77
	14	5.18
	15	0.00
	16	5.24

AVC3-U Video (Cont.)

Cumbal	nin No	DC Voltage
Symbol	pin No. E	DC Voltage 4.77
QZ01	В	4.13
QZOI	C	0.00
	E	4.22
QZ02	В	3.58
QZUZ	С	0.00
	E	4.29
QZ03	В	3.65
QZUS	С	0.00
	E	5.60
QZ04	В	6.25
QZ04	С	8.89
	E	3.80
QZ05	B	
QZUS	С	3.93
	E	8.89
0706	B	5.38
QZ06		6.02
	С	8.89
	E	0.00
QZ07	В	0.00
	С	6.02
	Е	3.52
QZ11	В	2.90
	С	0.00
	Е	3.51
QZ12	В	2.90
	С	0.00
	Ē	3.61
QZ13	В	4.25
ασ	C	8.90
	Ē	3.75
QZ14	В	3.93
Q	C	8.90
	E	5.35
QZ15	В	5.99
QZ13	С	
-		8.90
0746	E	0.00
QZ16	В	0.00
-	C	5.99
0701	E	3.95
QZ21	В	4.58
	С	4.85
	E	3.94
QZ22	В	4.58
	С	4.85
	Е	0.00
QZ27	В	0.00
	С	4.98
QZ28	Е	0.00
	В	0.00
	С	4.99
	Ē	2.21
QZ30	В	2.82
	C	8.78
	E	1.37
QZ32	В	1.97
	С	
L	U	8.78

Symbol	pin No.	DC Voltage
	Е	1.28
QZ34	В	1.88
	С	8.78
	1	8.13
QZ35	2	8.13
	3	8.76
	4	5.21
	5	3.49
	6	2.96
	Е	3.78
QZ36	В	3.93
	С	8.90
	1	8.14
	2	8.14
QZ7	3	8.78
	4	5.77
	5	3.49
	6	2.92
	E	3.81
QZ38	В	4.44
	С	8.77
	1	8.16
	2	8.16
QZ39	3	8.78
	4	3.92
	5	3.47
	6	2.92
	Е	3.81
QZ40	В	4.44
	С	8.78
	Е	0.67
QZ41	В	0.00
	С	0.00
	E	0.67
QZ42	В	0.00
	С	0.00
	E	0.67
QZ43	В	0.00
	C	0.00
0740	E	0.00
QZ46	В	0.52
	C	0.10
0747	E	4.52
QZ47	В	3.86
	C E	0.00
0740		6.33
QZ48	B C	5.70
		0.00
0740	E B	5.84
QZ49	С	5.22
	E	0.00 4.23
QZ50	В	3.61
	С	0.00
	E	4.24
QZ51	В	3.61
لزک ا	С	0.00
	1	8.78
QZ52	2	3.87
	3	4.49
	4	0.00
	5	2.43
	J	۷.٦٥

Symbol	pin No.	DC Voltage
	Е	2.68
QW05	В	2.04
	С	0.00
	E	2.09
QW06	В	2.32
	С	3.13
	Е	3.24
QW07	В	3.13
	С	0.00
	E	0.00
QW08	В	0.00
	C	2.91
	Е	2.06
QW09	В	1.44
	C	0.00
	E B	1.22
QW10	В	1.82
	С	8.34
	E	8.96
QW11	B C E	8.34
	С	2.79
	E	2.17
QW12	B C	2.79
	С	8.96
	Е	8.97
QW13	В	8.35
	С	6.33

Symbol	pin No.	DC Voltage
	Е	8.97
QW15	В	8.35
	С	6.35

AVC3-U Video and Power

Symbol	pin No.	DC Voltage
	Е	4.77
QZ01	В	4.13
	С	0.00
	Е	4.22
QZ02	В	3.58
	C	0.00
	Ē	4.29
QZ03	В	3.65
QZUJ	С	0.00
	E	
0704		5.60
QZ04	В	6.25
	С	8.89
	E	3.80
QZ05	В	3.93
	C	8.89
	E	5.38
QZ06	В	6.02
	С	8.89
	Ē	0.00
QZ07	В	0.00
QZ01	C	6.02
	_	
0744	E	3.52
QZ11	В	2.90
	С	0.00
	E	3.51
QZ12	В	2.90
	С	0.00
	E	3.61
QZ13	В	4.25
α	C	8.90
	E	3.75
QZ14		
QZ 14	В	3.93
	C	8.90
	E	5.35
QZ15	В	5.99
	С	8.90
	E	0.00
QZ16	В	0.00
	С	5.99
	E	3.95
QZ21	В	4.58
~~~·	C	4.85
	E	3.94
QZ22	B	
QZZZ		4.58
	C	4.85
	E	0.00
QZ27	В	0.00
	С	4.98
	Е	0.00
QZ28	В	0.00
	С	4.99
	Ē	2.21
QZ30	В	2.82
	C	
	E	8.78
0700		1.37
QZ32	В	1.97
	С	8.78

QZ34 B 1.88	Symbol		DC Voltage
C 8.78    1 8.13   3 8.76   4 5.21   5 3.49   6 2.96   E 3.78   B 3.93   C 8.90   1 8.14   2 8.14   2 8.14   2 8.14   2 8.14   2 8.14   2 8.17   3 8.78   4 5.77   5 3.49   6 2.92   E 3.81   QZ38 B 4.44   C 8.77   1 8.16   2 8.16   2 8.16   2 8.16   2 8.16   2 8.16   2 8.77   6 2.92   5 3.47   6 2.92   5 3.47   6 2.92   5 3.47   6 2.92   6 3.81   QZ40 B 4.44   C 8.78   C 8.78   QZ41 B 0.00   C 0.000   C 0.000	0704		
QZ35   1	QZ34		
QZ35			
3 8.76 4 5.21 5 3.49 6 2.96 E 3.78 B 3.93 C 8.90 1 8.14 2 8.14 2 8.14 5.77 5 3.49 6 2.92 E 3.81 QZ38 B 4.44 C 8.77 1 8.16 2 8.16 QZ39 3 8.78 4 3.92 5 3.47 6 2.92 E 3.81 QZ40 B 4.44 C 8.78 QZ41 B 0.00 C 0.0	0705		
A   5.21   5   3.49   6   2.96   E   3.78   3.93   C   8.90	QZ35		
GZ36  GZ36  E			
QZ36			
QZ36         E         3.78           B         3.93           C         8.90           1         8.14           2         3.49           6         2.92           E         3.349           6         2.92           E         3.81           QZ38         B         4.44           C         8.77           1         8.16           2         8.16           2         8.16           2         8.16           2         9.292           5         3.47           6         2.92           5         3.47           6         2.92           5         3.47           6         2.92           5         3.47           6         2.92           6         2.92           6         2.92           6         2.92           7         0.00           8         0.00           9         0.00           9         0.00           0         0.00           0         0.00           <			
QZ36 B 3.93 C 8.90 1 8.14 2 8.14 2 8.14 5.77 5 3.49 6 2.92 E 3.81 QZ38 B 4.44 C 8.16 2 8.16 QZ39 3 8.78 4 3.92 5 3.47 6 2 2.8.16 QZ39 B 4.3.92 5 3.47 6 6 2.92 E 3.81 QZ40 B 4.3.92 5 3.47 6 6 2.92 E 3.81 QZ40 C 8.78 E 0.67 QZ41 B 0.00 C 0.00			
C 8.90  1 8.14 2 8.14 2 8.14 4 5.77 5 3.49 6 2.92 E 3.81 QZ38 B 4.44 C 8.77 1 8.16 2 8.16 2 8.16 QZ39 3 8.78 4 3.92 5 3.47 6 2.92 E 3.81 QZ40 B 4.44 C 8.78 QZ41 B 0.00 C	0700		
QZ7	QZ36		
QZ7			
QZ7 3 8.78 4 5.77 5 3.49 6 2.92 E 3.81 QZ38 B 4.44 C 8.77 1 8.16 2 8.16 2 8.16 2 8.16 2 8.16 2 8.292 5 3.47 6 2.92 E 3.81 QZ40 B 4.44 C 8.78 QZ41 B 0.00 C 0.00 C 0.00 C 0.00 C 0.00 C 0.00 QZ42 B 0.00 C 0.00 QZ43 B 0.00 C 0.00 QZ44 B 0.00 C 0.00 QZ45 B 0.52 C 0.00 QZ46 B 0.52 C 0.00 QZ47 B 3.86 C 0.00 QZ48 B 5.52 QZ47 B 3.86 C 0.00 QZ48 B 5.22 C 0.00 QZ49 B 5.22 C 0.000 QZ50 B 3.61 C 0.000 QZ51 B 3.61 C 0.000 QZ52 3 4.49 QZ52 3 4.49 QZ52 3 4.49 QZ52 3 4.49			
A   5.77   5   3.49   6   2.92   E   3.81   C   8.77   1   8.16   2   8.16   2   8.16   3.81   C   8.78   4   3.892   5   3.47   6   2.92   5   3.47   6   2.92   5   3.47   6   2.92   E   3.81   C   8.78   E   0.67   C   0.00   0.00   C   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00			
S	QZ7		
G 2.92  E 3.81  QZ38 B 4.44  C 8.77  1 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 8.16  2 92  E 3.81  QZ40  B 4.44  C 8.78  E 0.67  QZ41  B 0.00  C 0.00			
QZ38 B 4.44 C 8.77 1 8.16 2 8.16 2 8.16 2 8.16 3 8.78 4 3.92 5 3.47 6 2.92 E 3.81 QZ40 B 4.44 C 8.78 E 0.67 QZ41 B 0.00 C		5	
QZ38 B 4.44			2.92
C 8.77  1 8.16 2 8.16 2 8.16 3 8.78 4 3.92 5 3.47 6 2.92 E 3.81 QZ40 B 4.44 C 8.78 E 0.67 QZ41 B 0.00 C 0.00 C 0.00 C 0.00 E 0.67 QZ42 B 0.00 C 0.00 C 0.00 QZ46 B 0.52 C 0.00 QZ46 B 0.52 C 0.00 QZ47 B 3.86 C 0.00 QZ48 B 5.72 QZ47 B 3.86 C 0.00 QZ48 B 5.70 C 0.00 QZ48 B 5.70 C 0.00 QZ49 B 5.22 C 0.00 QZ50 B 3.61 C 0.00 QZ51 B 3.61 C 0.000 QZ51 B 3.61 C 0.000 QZ52 3 4.49 QZ52 3 4.49 QZ52 3 4.49			
1	QZ38		
QZ39 3 8.16 QZ39 3 8.78 4 3.92 5 3.47 6 2.92 E 3.81 QZ40 B 4.44 C 8.78 E 0.67 QZ41 B 0.00 C 0		С	8.77
QZ39 3 8.78 4 3.92 5 3.47 6 2.92 E 3.81 QZ40 B 4.44 C 8.78 E 0.67 QZ41 B 0.00 C		1	
4 3.92 5 3.47 6 2.92 E 3.81 QZ40 B 4.44 C 8.78 E 0.67 QZ41 B 0.00 C 0.00 E 0.67 QZ42 B 0.00 C 0.00 C 0.00 QZ43 B 0.00 C 0.00 QZ44 B 0.00 C 0.00 QZ44 B 0.00 C 0.00 QZ46 B 0.52 C 0.10 QZ47 B 3.86 C 0.00 QZ48 B 3.86 C 0.00 QZ49 B 5.22 C 0.00 QZ50 B 3.61 C 0.00 QZ51 B 3.61 C 0.00 QZ52 3 4.49 QZ52 3 4.49 QZ52 3 3 4.49		2	8.16
S   3.47   6   2.92   2.92   E   3.81   3.81   C   8.78   E   0.67   C   0.00   0.00   C   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00	QZ39	3	8.78
G 2.92  B 3.81  QZ40 B 4.44 C 8.78 E 0.67 QZ41 B 0.00 C 0.00 C 0.00  E 0.67 QZ42 B 0.00 C 0.00  GZ43 B 0.00 C 0.00 C 0.00  GZ443 B 0.00 C 0.00 C 0.00  GZ44 B 0.00 C 0.00  GZ44 B 0.00 C 0.00  GZ44 B 0.52 C 0.00  GZ46 B 0.52 C 0.00  GZ47 B 3.86 C 0.00  GZ48 B 5.70 C 0.00  GZ49 B 5.22 C 0.00  GZ50 B 3.61 C 0.000  GZ51 B 3.61 C 0.000  GZ52 B 3.61 C 0.000  GZ53 B 3.61 C 0.000 C 0.0		4	3.92
E   3.81		5	3.47
QZ40 B 4.44		6	2.92
C 8.78 E 0.67 QZ41 B 0.00 C 0.00 E 0.67 QZ42 B 0.00 C 0.00 C 0.00 C 0.00 C 0.00 QZ43 B 0.00 C 0.00 QZ46 B 0.00 QZ46 B 0.52 C 0.10 QZ47 B 3.86 C 0.00 E 4.52 QZ47 B 3.86 C 0.00 QZ48 B 5.70 C 0.00 QZ48 B 5.22 C 0.00 QZ49 B 5.22 C 0.00 QZ50 B 3.61 C 0.00 QZ51 B 3.61 C 0.00 QZ51 B 3.61 C 0.00 QZ52 3 4.49 QZ52 3 4.49 QZ52 3 4.49		E	3.81
E 0.67 QZ41 B 0.00 C 0.00 E 0.67 QZ42 B 0.00 C 0.00 E 0.67 QZ43 B 0.00 C 0.00 QZ43 B 0.00 C 0.00 QZ46 B 0.52 C 0.10 QZ47 B 3.86 C 0.00 E 4.52 QZ47 B 3.86 C 0.00 QZ48 B 5.22 C 0.00 QZ48 B 5.22 C 0.00 QZ49 B 5.22 C 0.00 QZ50 B 3.61 C 0.00 QZ51 B 3.61 C 0.000 QZ51 B 3.61 C 0.000 QZ52 QZ52 B 3.61 C 0.000 QZ53 QZ52 B 3.61 C 0.000 QZ55 B 3.61 C 0.000	QZ40	В	
QZ41 B 0.00 C 0.00 QZ42 B 0.00 E 0.67 QZ43 B 0.00 C 0.00 E 0.67 QZ43 B 0.00 C 0.00 QZ46 B 0.52 C 0.010 QZ47 B 3.86 C 0.00 QZ47 B 3.86 C 0.00 QZ48 B 5.70 C 0.00 QZ48 B 5.70 C 0.00 QZ48 B 5.70 C 0.00 QZ49 B 5.22 C 0.00 QZ50 B 3.61 C 0.00 QZ51 B 3.61 C 0.00 QZ51 B 3.61 C 0.00 QZ52 3 4.49 QZ52 3 4.49 QZ52 3 4.49 QZ52 3 4.49 QZ53 G 0.00		С	8.78
QZ41 B 0.00 C 0.00 QZ42 B 0.00 E 0.67 QZ43 B 0.00 C 0.00 QZ43 B 0.00 C 0.00 QZ46 B 0.52 C 0.10 QZ47 B 3.86 C 0.00 QZ47 B 3.86 C 0.00 QZ48 B 5.70 C 0.00 QZ48 B 5.70 C 0.00 QZ48 B 5.22 C 0.00 QZ48 B 5.22 C 0.00 QZ49 G 0.00 QZ50 B 3.61 C 0.00 QZ50 G 0.00 QZ50 G 0.00 QZ51 G 0.00 QZ51 G 0.00 QZ52 G 0.00 QZ52 G 0.00 QZ53 G 0.00 QZ53 G 0.00 QZ53 G 0.00 QZ55 G 0.		Е	
C 0.00  C 0.00  C 0.00  C 0.00  C 0.00  E 0.67  QZ43 B 0.00  C 0.00  C 0.00  E 0.00  QZ46 B 0.52  C 0.10  E 4.52  QZ47 B 3.86  C 0.00  E 6.33  QZ48 B 5.70  C 0.00  E 5.84  QZ49 B 5.22  C 0.00  E 4.23  QZ50 B 3.61  C 0.00  E 4.24  QZ51 B 3.61  C 0.00  C 0.00  E 4.24  QZ51 B 3.61  C 0.00	QZ41	В	
E   0.67		С	
QZ42 B 0.00 C 0.00 C 0.00 E 0.67 QZ43 B 0.00 C 0.00 E 0.00 QZ46 B 0.52 C 0.10 E 4.52 QZ47 B 3.86 C 0.00 QZ48 B 5.70 C 0.00 E 5.84 QZ49 B 5.22 C 0.00 QZ49 B 5.22 C 0.00 E 4.23 QZ50 B 3.61 C 0.00 E 4.24 QZ51 B 3.61 C 0.00 QZ51 B 3.61 C 0.00 QZ52 3 4.49 QZ52 3 4.49 QZ52 3 4.49 QZ52 3 4.49 QZ53 C 0.00			
C 0.00  QZ43 B 0.00  C 0.00  C 0.00  E 0.00  QZ46 B 0.52  C 0.10  E 4.52  QZ47 B 3.86  C 0.00  E 6.33  QZ48 B 5.70  C 0.00  E 5.84  QZ49 B 5.22  C 0.00  E 4.23  QZ50 B 3.61  C 0.00  E 4.24  QZ51 B 3.61  C 0.00  A 248  QZ51 B 3.61  C 0.00  A 3.78  QZ52 3 4.49  A 0.00	QZ42	В	
QZ43         B         0.00           C         0.00           E         0.00           QZ46         B         0.52           C         0.10           E         4.52           QZ47         B         3.86           C         0.00           E         6.33           QZ48         B         5.70           C         0.00           E         5.84           QZ49         B         5.22           C         0.00           E         4.23           QZ50         B         3.61           C         0.00           E         4.24           QZ51         B         3.61           C         0.00           1         8.78           2         3.87           QZ52         3         4.49           4         0.00	QZ IZ		
QZ43 B 0.00 C 0.00 QZ46 B 0.52 C 0.010 E 4.52 QZ47 B 3.86 C 0.00 QZ48 B 5.70 C 0.00 E 5.84 QZ49 B 5.22 C 0.00 QZ50 B 3.61 C 0.00 E 4.23 QZ50 B 3.61 C 0.00 C 0.00 QZ51 B 3.61 C 0.00 QZ52 B 3.61			
C 0.00  QZ46 B 0.52 C 0.10 E 4.52 QZ47 B 3.86 C 0.00 QZ48 B 5.70 C 0.00 E 5.84 QZ49 B 5.22 C 0.00 E 4.23 QZ50 B 3.61 C 0.00 E 4.24 QZ51 B 3.61 C 0.00 1 8.78 2 3.87 QZ52 3 4.49 4 0.00	QZ43	В	
E   0.00			
QZ46 B 0.52 C 0.10 E 4.52 QZ47 B 3.86 C 0.00 E 6.33 QZ48 B 5.70 C 0.00 E 5.84 QZ49 B 5.22 C 0.00 E 4.23 QZ50 B 3.61 C 0.00 E 4.24 QZ51 B 3.61 C 0.00 QZ51 B 3.61 C 0.00 QZ52 B 3.61 C 0.00 QZ51 B 3.61 C 0.00 QZ51 B 3.61 C 0.00 AZ51 B 3.61 C 0.00			
QZ47 B 3.86 C 0.00 E 6.33 QZ48 B 5.70 C 0.00 E 5.84 QZ49 B 5.22 C 0.00 E 4.23 QZ50 B 3.61 C 0.00 E 4.24 QZ51 B 3.61 C 0.00 1 8.78 2 3.87 QZ52 3 4.49 4 0.00	0746		
QZ47         E         4.52           QZ47         B         3.86           C         0.00           E         6.33           QZ48         B         5.70           C         0.00           E         5.84           QZ49         B         5.22           C         0.00           E         4.23           QZ50         B         3.61           C         0.00           E         4.24           QZ51         B         3.61           C         0.00           1         8.78           2         3.87           QZ52         3         4.49           4         0.00	Q 10		
QZ47 B 3.86 C 0.00 E 6.33 QZ48 B 5.70 C 0.00 E 5.84 QZ49 B 5.22 C 0.00 E 4.23 QZ50 B 3.61 C 0.00 E 4.24 QZ51 B 3.61 C 0.00 1 8.78 2 3.87 QZ52 3 4.49 4 0.00			
C 0.00  E 6.33  QZ48 B 5.70  C 0.00  E 5.84  QZ49 B 5.22  C 0.00  E 4.23  QZ50 B 3.61  C 0.00  E 4.24  QZ51 B 3.61  C 0.00  1 8.78  2 3.87  QZ52 3 4.49  4 0.00	0747		
QZ48 B 5.70 C 0.00 E 5.84 QZ49 B 5.22 C 0.00 E 4.23 QZ50 B 3.61 C 0.00 E 4.24 QZ51 B 3.61 C 0.00 1 8.78 2 3.87 QZ52 3 4.49 4 0.00	QZTI		
QZ48 B 5.70 C 0.00 E 5.84 QZ49 B 5.22 C 0.00 E 4.23 QZ50 B 3.61 C 0.00 E 4.24 QZ51 B 3.61 C 0.00 1 8.78 2 3.87 QZ52 3 4.49 4 0.00			
C 0.00 E 5.84 QZ49 B 5.22 C 0.00 E 4.23 QZ50 B 3.61 C 0.00 E 4.24 QZ51 B 3.61 C 0.00 1 8.78 2 3.87 QZ52 3 4.49 4 0.00	0749		
QZ49 B 5.84 QZ49 B 5.22 C 0.00 E 4.23 QZ50 B 3.61 C 0.00 E 4.24 QZ51 B 3.61 C 0.00 1 8.78 2 3.87 QZ52 3 4.49 4 0.00	QZ40		
QZ49 B 5.22 C 0.00 E 4.23 QZ50 B 3.61 C 0.00 E 4.24 QZ51 B 3.61 C 0.00 1 8.78 2 3.87 QZ52 3 4.49 4 0.00			
QZ50 B 3.61 C 0.00 E 4.23 QZ51 B 3.61 C 0.00 E 4.24 QZ51 B 3.61 C 0.00 1 8.78 2 3.87 QZ52 3 4.49 4 0.00	QZ49	_	
QZ50 B 3.61 C 0.00 E 4.24 QZ51 B 3.61 C 0.00 1 8.78 2 3.87 QZ52 3 4.49 4 0.00			
QZ50 B 3.61 C 0.00 E 4.24 QZ51 B 3.61 C 0.00 1 8.78 2 3.87 QZ52 3 4.49 4 0.00			
C 0.00 E 4.24 QZ51 B 3.61 C 0.00 1 8.78 2 3.87 QZ52 3 4.49 4 0.00			
QZ51			
QZ51 B 3.61 C 0.00 1 8.78 2 3.87 QZ52 3 4.49 4 0.00			
QZ52			
QZ52 1 8.78 2 3.87 4.49 4 0.00			
QZ52 3.87 4.49 4 0.00	QZ52		
QZ52 3 4.49 4 0.00			
4 0.00			
			4.49
5 2.43			
		5	2.43

Symbol	pin No.	DC Voltage
QW05	Е	2.68
	В	2.04
	C E	0.00
	E	2.09
QW06	В	2.32
	С	3.13
	Е	3.24
QW07	В	3.13
	С	0.00
	E	0.00
QW08	В	0.00
	C	2.91
	E	2.06
QW09	В	1.44
	С	0.00
	Е	1.22
QW10	В	1.82
	С	8.34
	E	8.96
QW11	В	8.34
	С	2.79
	Ē	2.17
QW12	В	2.79
	С	8.96
	E	8.97
QW13	В	8.35
	С	6.33
QW14	Е	
	В	
	С	
	E	8.97
QW15	В	8.35
	С	6.35

Power PWB

Symbol         pin No.         DC Voltage           1         1.96           2         0.00           1901         3         122.40           4         15.09           5         0.00           1902         2         8.08           3         4.02           4         15.09           1         4.77           1905         2         6.91           3         1.69           4         4.95           1         0.00           2         0.00           3         0.00           4         5.57           5         3.48           6         0.00           1         1.00           10         17.34           11         17.34           11         17.34           11         17.34           12         15.02           14         0.88           15         1.00           14         0.88           15         1.00           16         7.89           7         1.00           1         5.68			
1901   3	Symbol	pin No.	
1901   3			1.96
1902   1   9.05   1   9.05   1   9.05   3   4.02   4   15.09   1   4.77   1905   2   6.91   3   1.69   4   4.95   1   0.00   2   0.00   3   0.00   4   5.57   5   3.48   6   0.00   10   17.34   11   17.34   12   15.28   13   0.00   14   0.88   15   1.00   16   0.00   17   14   0.88   15   1.00   16   0.00   17   18   15   1.00   16   0.00   1931   3   3.45   4   1.76   5   17.36   6   7.89   7   1.00   8   1.00   1   5.68   2   5.00   1932   3   5.68   4   5.68   5   0.00   6   0.00   7   4.97   8   4.97   1   17.36   1933   2   5.28   3   0.00   4   3.27   5   2.33   0.00   4   3.27   5   2.33   0.00   4   3.27   5   2.33   0.00   4   3.27   5   2.33   0.00   4   3.27   5   2.33   0.00   0   0   0   0   0   0   0   0			
S	1901	3	122.40
1			15.09
1902		5	
1905   1		1	9.05
1	1902	2	8.08
1		3	4.02
1905   2   6.91   3   1.69   4   4.95   1   0.00   2   0.00   3   0.00   4   5.57   5   3.48   6   0.00   7   9.47   8   9.56   9   0.00   10   17.34   11   17.34   12   15.28   13   0.00   14   0.88   15   1.00   16   0.00   16   0.00   16   0.00   17   1.00   16   0.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   17   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00   1.00		4	
1		1	4.77
1	1905	2	6.91
1		3	1.69
1		4	4.95
1930   3   0.00   4   5.57   5   3.48   6   0.00   7   9.47   8   9.56   9   0.00   10   17.34   11   17.34   12   15.28   13   0.00   14   0.88   15   1.00   16   0.00   2   5.64   3   3.45   4   1.76   5   17.36   6   7.89   7   1.00   8   1.00   1   5.68   2   5.00   3   5.68   4   5.68   5   0.00   6   0.00   7   4.97   8   4.97   1   17.36   1933   2   5.28   3   0.00   4   3.27   5   2.33   2   5.28   3   0.00   4   3.27   5   2.33   2   5   2.33   2   5   2.33   2   5   2   3   3   3   3   3   3   3   3   3		1	
1930   3   0.00   4   5.57   5   3.48   6   0.00   7   9.47   8   9.56   9   0.00   10   17.34   11   17.34   12   15.28   13   0.00   14   0.88   15   1.00   16   0.00   2   5.64   3   3.45   4   1.76   5   17.36   6   7.89   7   1.00   8   1.00   1   5.68   2   5.00   3   5.68   4   5.68   5   0.00   6   0.00   7   4.97   8   4.97   1   17.36   1933   2   5.28   3   0.00   4   3.27   5   2.33   2   5.28   3   0.00   4   3.27   5   2.33   2   5   2.33   2   5   2.33   2   5   2   3   3   3   3   3   3   3   3   3		2	0.00
1930   1930   1930   1930   1930   1930   1930   1930   1930   1930   1930   1930   1930   1930   1930   1931   1931   1931   1931   1931   1931   1931   1932   1932   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933   1933		3	
1930   Factor   1930   Factor   1930   Factor   1930   Factor   1930   Factor   1930   Factor   1931   Factor   1931   Factor   1931   Factor   1931   Factor   1932   Factor   1932   Factor   1933   Facto			5.57
1930   Factor   1930   Factor   1930   Factor   1930   Factor   1931   Factor   1931   Factor   1931   Factor   1931   Factor   1931   Factor   1932   Factor   1932   Factor   1933   Facto		5	
1930   7			
S	1930		
9   0.00	.555		
10			
11		-	
12			
13			15.04
14			
15			
16			
1			
1931   2   5.64   3   3.45   4   1.76   5   17.36   6   7.89   7   1.00   8   1.00   1   5.68   2   5.00   3   5.68   4   5.68   5   0.00   6   0.00   7   4.97   8   4.97   1   17.36   1933   2   5.28   3   0.00   4   3.27   5   2.33   0.00   4   3.27   5   2.33   0.00   4   3.27   5   2.33   0.00   2   E   0.00   0   0   0   0   0   0   0   0			
1931   3   3.45   4   1.76   5   17.36   6   7.89   7   1.00   8   1.00   1   5.68   2   5.00   3   5.68   4   5.68   5   0.00   6   0.00   7   4.97   8   4.97   1   17.36   1933   2   5.28   3   0.00   4   3.27   5   2.33   0.00   4   3.27   5   2.33   0.00   2   E   0.00   0   0   0   0   0   0   0   0		1	
4			
S	1931		3.45
100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100			1.76
T			
S			
1   5.68   2   5.00   3   5.68   4   5.68   5   0.00   6   0.00   7   4.97   8   4.97   1   17.36   1933   2   5.28   3   0.00   4   3.27   5   2.33   0.00   4   3.27   5   2.33   0.00   2   E   0.00   0.00   0   0   0   0   0   0		7	1.00
1932   2   5.00   3   5.68   4   5.68   5   0.00   6   0.00   7   4.97   8   4.97   1   17.36   1933   2   5.28   3   0.00   4   3.27   5   2.33   0.00   4   3.27   5   2.33   0.00   2   E   0.00   E   0.00   C   1.35   E   4.61   C   -0.70   C   0.00   C   5.93   C   3.11   C   5.93   C   5.65   C   5.00   C   5.65   C   5.65   C   5.00		8	1.00
1932   3   5.68   4   5.68   5   0.00   6   0.000   7   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8   4.97   8			
4   5.68   5   0.00   6   0.00   7   4.97   8   4.97   8   4.97   8   4.97   5   2.33   0.00   4   3.27   5   2.33   0.00   6   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80   0.80			
S	1932	3	5.68
Color			5.68
T		5	
S		6	0.00
1		7	4.97
1933   2   5.28   3   0.00   4   3.27   5   2.33			4.97
3   0.00   4   3.27   5   2.33   D   0.80   G   0.22   E   0.00   C   1.35   E   4.61   C   -0.70   K   0.00   C   5.65   C   8.11   C   0.00   C   0.565   C   0.00   0.00   C   0.00   0.00   C   0.00   0.00   C   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00			
4   3.27   5   2.33	1933	2	5.28
S   2.33   D   0.80   G   0.22   E   0.00   D   0.80		3	0.00
S   2.33   D   0.80   G   0.22   E   0.00   D   0.80			
Q930         G         0.22           E         0.00           Q931         E         0.00           C         1.35           E         4.61           C         -0.70           K         0.00           Q933         D         5.15           G         0.00           E         5.93           Q934         E         5.93           Q936         B         0.55           C         8.11           E         0.00           Q936         B         0.70           C         0.00           Q937         E         0.00           C         5.65           E         0.00           Q938         B         0.00		5	
Q930         G         0.22           E         0.00           Q931         E         0.00           C         1.35           E         4.61           C         -0.70           K         0.00           Q933         D         5.15           G         0.00           E         5.93           Q934         E         5.93           Q936         B         0.55           C         8.11           E         0.00           Q936         B         0.70           C         0.00           Q937         E         0.00           C         5.65           E         0.00           Q938         B         0.00		D	
E   0.00	Q930	G	
Q931   E   0.00   C   1.35   E   4.61   C   -0.70   K   0.00   C   5.93   C   8   6.55   C   8.11   E   0.00   C   0.00   C   5.65   E   0.00   C   5.65   E   0.00   C   0.00   0.00   C   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.			
Q931 B 0.00 C 1.35  Q932 E 4.61 C -0.70 K 0.00 Q933 D 5.15 G 0.00 E 5.93 Q934 B 6.55 C 8.11 E 0.00 Q936 B 0.70 C 0.00 Q937 E 0.00 Q937 E 0.00 Q938 B 0.00 Q938 B 0.00 Q938 B 0.00 Q938 B 0.00			
C 1.35  Q932	Q931		
E     4.61       B     4.61       C     -0.70       K     0.00       Q933     D     5.15       G     0.00       B     6.55       C     8.11       Q936     B     0.70       C     0.00       Q937     E     0.00       Q938     B     0.00       Q938     B     0.00			
Q932 B 4.61 C -0.70 W 0.00 Q933 D 5.15 G 0.00 E 5.93 Q934 B 6.55 C 8.11 E 0.00 Q936 B 0.70 C 0.00 Q937 E 0.00 Q937 E 0.00 Q937 E 0.00 Q938 B 0.00 C 5.65 E 0.00 Q938 B 0.00		E	
C -0.70  R -0.00	Q932		
Q933   K   0.00   D   5.15   G   0.00   C   5.65   E   0.00   C   5.65   E   0.00   C   5.65   E   0.00   C   5.65   E   0.00   C   0.00   0.00   C   0.00   C   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00   0.00			
Q933 D 5.15 G 0.00 P 5.93 Q934 B 6.55 C 8.11 E 0.00 D 0.00 D 0.00 E 0.00 Q937 B 0.00 C 5.65 E 0.00 Q938 B 0.00		_	
G 0.00  G 5.93  Q934  B 6.55  C 8.11  E 0.00  C 0.00  G 0.00  G 0.00  G 0.00  C 0.00  C 5.65  E 0.00  Q938  B 0.00	Q933		
Q934   E   5.93   B   6.55   C   8.11   E   0.00   C   0.00   C   5.65   E   0.00   C   0.00   0.00   C   0.00   0.00   C   0.00   0			
Q934 B 6.55 C 8.11 Q936 B 0.70 C 0.00 Q937 E 0.00 Q937 B 0.00 C 5.65 E 0.00 Q938 B 0.00			
Q936   E   0.00   Q937   E   0.00   Q937   E   0.00   Q937   E   0.00   C   5.65   Q938   E   0.00	0934		6.55
Q936   E   0.00   C   0.00   C   5.65   C   0.00   0.00   C   0.00   0.00   C   0.00   0	<b>∝</b> ∪∪+		
Q936 B 0.70 C 0.00 E 0.00 Q937 B 0.00 C 5.65 E 0.00 Q938 B 0.00			
Q937 E 0.00  Q937 B 0.00  C 5.65  E 0.00  Q938 B 0.00	0036		
Q937 E 0.00 B 0.00 C 5.65 E 0.00 Q938 B 0.00	US30		
Q937 B 0.00 C 5.65 E 0.00 Q938 B 0.00			
C 5.65 E 0.00 Q938 B 0.00		E	0.00
Q938 E 0.00 Q000	Q937	В	0.00
Q938 E 0.00 Q000		С	5.65
Q938 B 0.00			
	Q938		
2.00	2000		
			00

# PT3-E/G Signal

Symbol	Pin No.	DC Voltage
	1	5.1
	2	1.7
	3	2.1
	4	4.9
	5	5.2
	6	5.2
	7	4.9
	8	5.1
	9	0.0
1001	10	5.0
	11	0.0
	12	0.0
	13	0.0
	14	5.2
	15	0.0
	16	0.0
	17	0.0
	18	0.0
	19	0.0
	20	0.0
	21	0.0
	22	0.0
	23	0.0
	24	3.3
	25	0.7
	26	3.3
	27	0.0
	28	0.1
	29	5.2
	30	5.2
	31	0.0
	32	4.7
	33	0.0
	34	0.1
	35	5.2
	36	3.5
	37	0.0
	38	0.0
	39	3.3
	40	0.0

Symbol	Pin No.	DC Voltage
	41	0.0
	42	0.0
	43	0.0
	44	5.2
	45	5.2
	46	5.2
	47	5.2
	48	5.2
	49	0.0
	50	0.0
	51	5.2
	52	0.0
	53	0.0
	54	5.0
	55	5.0
	56	0.0
	57	0.0
	58	5.2
	59	5.2 5.2
	60	
	61	5.2
	62	5.2
	63	0.0
	64	5.2
	65	
	66	3.3 5.1
	67	5.0
	68	5.1
	69	5.1
	70	0.0
	71	0.0
	72	0.0
	73	0.0
	74	
	75	0.1 5.2
	76	0.1
	77	0.1
	78	5.1
	79	5.1
	80	0.0

1 2 3 4 5 6 7 8	0.0 4.9 0.0 4.9 0.0 0	
3 4 5 6 7	0.0 4.9 0.0 0	
	4.9 0.0 0	
	0.0	
	0	
	0	
Ω		
U	1.3	
9	0	
10	0	
11	0	
	1.6	
13	0	
	3.3	
15	0	
16	3.3	
	0	
	3.3	
	0	
20	3.3	
	12 13 14 15 16 17 18 19 20	

Symbol	Pin No.	DC Voltage
	1	0.0
1002	2	0.0
	3	0.0
	4	0.0
	5	5.2
	6	5.2
	7	0.0
	8	5.2
	1	0.0
	2	0.0
1003	3	0.0
	4	5.1
	5	5.2

Symbol	Pin No.	DC Voltage
,	1	3.3
	2	1.3
	3	
	4	1.6 1.5
	5	0.0
	6	1.5
1231	7	1.5
	8	0.0
	9	1.5
	10	1.5
	11	1.4
	12	0.0
	13	0.0
	14	1.6
	15	1.5
	16	1.5
	17	0.0
	18	1.9
	19	1.6
	20	0.0
	21	0.0
	22	1.5
	23	1.4
	24	1.6
	25	1.6
	26	3.3
	27	3.2
	28	3.3
	29	0.0
	30	2.5
	31	1.7
	32	1.7 3.3
	33	0.0
	34	0.0
	35	0.0
	36	0.0
	37	1.2
	38	1.3
	39	1.3 1.3
	40	
	41	1.3
	42	1.2
	43	0.0
	44	2.3
	45	1.0
	46	1.0
	47	1.0
	48	0
	49	1.2
	50	1.6
	51	1.6
	52	1.5
	53	0
	54	1.7
	55	1 7

# PT3-E/G Signal (Cont.)

Symbol	Pin No.	DC Voltage
	1	3.4
	1 2 3 4 5 6 7	3.4 3.4 3.3 0.0 0.0 3.2 3.3 3.3 1.6 1.6
	3	3.3
	4	0.0
	5	0.0
	6	3.2
	7	3.3
	8	3.3
	9	3.3
	10	1.6
	11	1.6
	12	1.6
1600	13	1.6 1.3
	14	1.3
	15	1.5
	16	1.4
	17	1.9
	18	3.3
	19	1.5 1.4 1.9 3.3 0.0 1.6 1.3
	20	1.6
	21	1.3
	10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	1.3 1.2 1.2 1.2
	23	1.2
	24	1.2
	25	1.2

Symbol	Pin No.	DC Voltage
	26	1.3
	27	1.5
	28	0.0
	29	3.3
	30	1.5
	31	1.5
	32	1.5
	33	1.5
1600	34	1.3
	35	1.1
	36	1.6
	37	1.3
	38	3.2
	39	0.0
	40	0.0
	41	3.4
	42	0.0
	43	3.3
	44	1.7
	45	0.0
	46	2.4
	47	3.3
	48	3.3
	49	0.0
	50	0.0
	51	0.0
	52	0.0
	53	0.0
	54	0.0
	55	0.0
	56	0.0
	57	3.3
	58	0.0
	59	0.0
	60	0.0
	61	0.0
	62	0.0
	63	0.0
	64	0.0
	65	0.0
	66	0.0
	67	3.2
	68	0.0
	69	0.0
	70	0.0
	71	0.0
	72	0.0
	73	0.0
	74	0.0
	75	0.0

# PT3-E/G Signal (Cont.)

Symbol	Pin No.	DC Voltage
	76	0.0
	77	0.0
	78	3.3
	79	0.0
	80	3.0
	81	3.0
	82	3.2
	83	0.0
	84	3.2
	85	3.0
1600	86	3.0
	87	0.0
	88	0.0
	89	0.0
	90	3.0
	91	3.0
	92	0.0
	93	3.0
	94	3.0
	95	3.2
	96	3.1
	97	3.3
	98	0.0
	99	0.0
	100	3.3
	1	7.2
	2	9.9
	3	2.6
1602	4	5.0
	5	-4.6
	6	-9.4
	7	-9.4
	8	0.0
	9	5.2
	10	4.3
	11	5.2
	12	5.0
	13	-6.7
	14	-8.4
	15	0.0
	16	5.2
	1	0.0
	2	0.0
1603	3	0.0
	4	3.4
	5	3.4

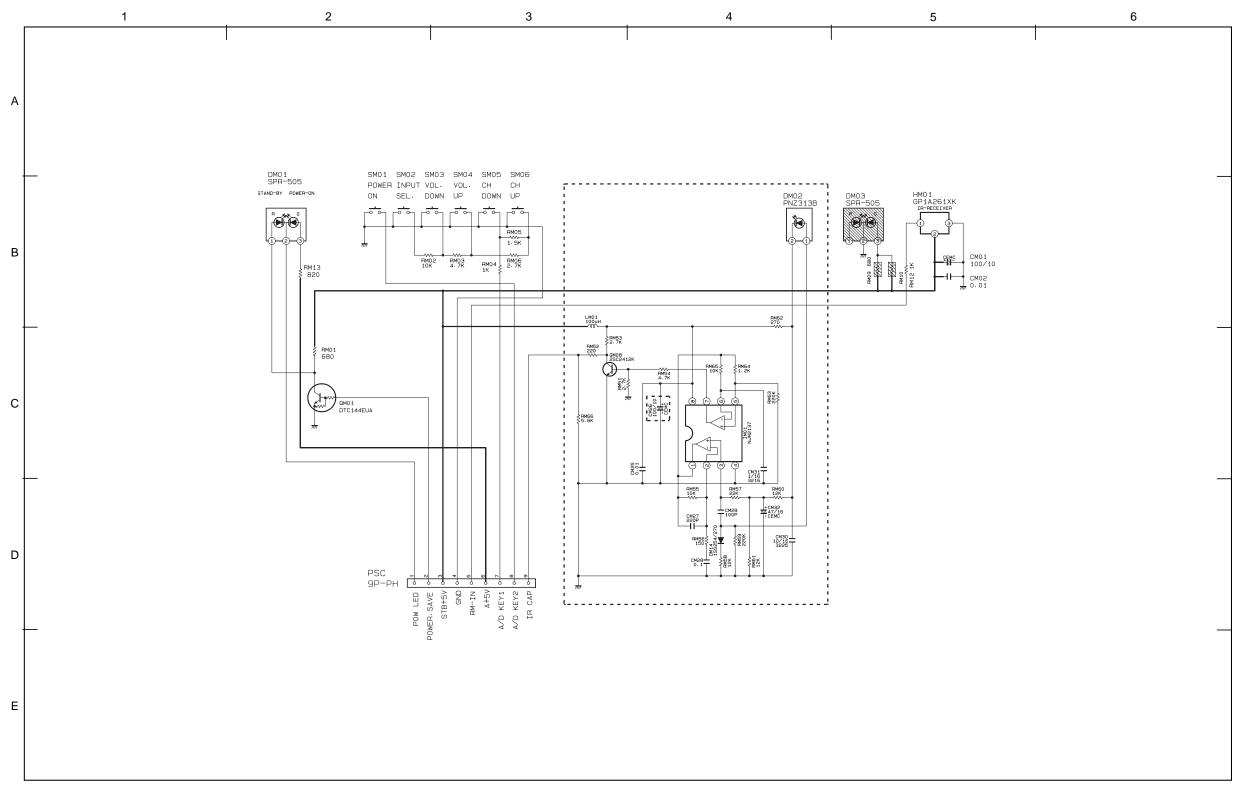
Symbol	Pin No.	DC Voltage
	1	6.0
	2	0.0
	3	0.0
	4	0.0
	5	6.0
	6	0.0
	7	6.1
IC401	8	6.1
	9	0.0
	10	6.0
	11	1.1
	12	0.0
	13	5.0
	14	5.0
	15	0.0
	16	12.0
	17	0.0
	18	4.9
	19	5.3
	20	5.5
	21	1.8
	22	6.0
	23	6.0
	24	6.0
	25	6.0
	26	6.0
	27	6.0
	28	0.0
	29	0.0
	30	6.0
	1	6.0
	2	6.0
	3	6.0
	4	6.0
	5	6.0
	6	6.0
	7	6.0
IC402	8	6.0
	9	6.0
	10	6.0
	11	6.0
	12	6.0
	13	0.0
	14	0.0
	15	0.0

Symbol	Pin No.	DC Voltage
	16	12.0
	17	6.0
	18	6.0
	19	0.0
	20	12.0
	21	4.3
IC402	22	6.2
	23	6.2
	24	6.2
	25	6.2
	26	6.2
	27	6.2
	28	6.2
	29	6.2
	30	6.2
	1	6.1
	2	6.1
	3	6.1
IC403	4	6.1
	5	6.1
	6	0.0
	7	0.0
	8	0.0
	9	4.9
	10	0.0
	11	0.1
	12	0.1
	13	4.2
	14	0.1
	15	4.2
	16	7.6
	1	0.0
	2	5.0
	3	0.0
	4	0.0
	5	0.0
	6	0.0
IC404	7	0.0
10404	8	5.0
	9 10	2.5 2.5
	11	
	12	0.0 2.5
	13	2.5
	14	2.5
	15	
		0.0
	16	0.0

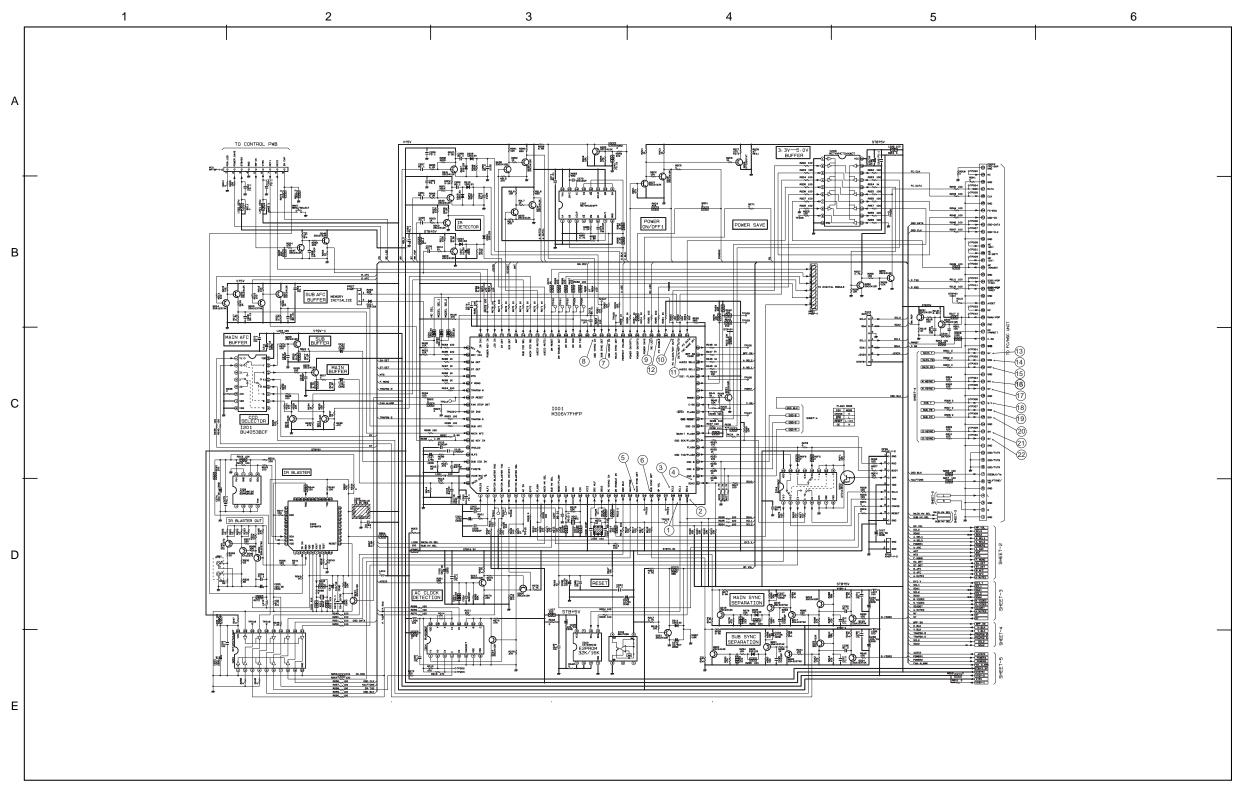
Symbol	Pin No.	DC Voltage
Symbol	17	0.0
	18	0.0
	19	0.0
	20	0.0
	21	14.2
IC404	22	14.2
10707	23	0.0
	24	14.2
	25	14.2
	26	0.0
	27	14.2
	28	0.0
	29	22.0
	30	5.1
	30 31	16.8
	32	6.8
Q001	C	0.9
	B C E	0.0
		4.4
Q005	ВС	5.0
	Ē	5.1
	В	5.1
Q006	С	0.1
	E	5.1
	S D	0.7
Q201	D	0.0
	G	0.0
	S	0.0
Q202	D	0.7
	G	0.0
	В	3.3
Q203	C E	4.8
		3.2
	В	3.2
Q204	С	4.1
	E	3.2

# PT3-E/G Signal (Cont.)

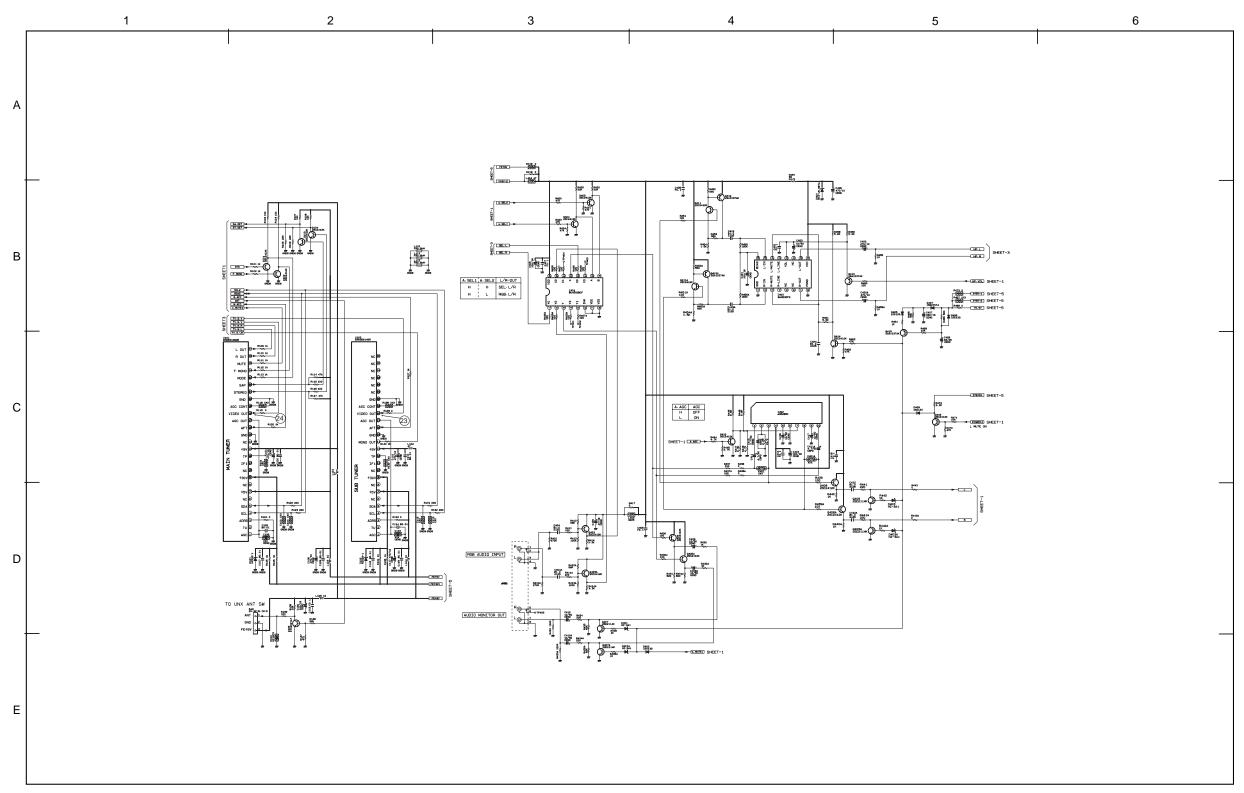
Symbol	Pin No.	DC Voltage
	В	0.7
Q401	С	0.7
	Е	0.0
	В	1.3
Q402	C	0.7
	E	0.7
	В	0.0
Q403	С	0.0
	Ш	0.0
	В	0.0
Q404	O	0.0
	Е	0.0
	В	0.0
Q405	С	0.0
	Е	0.0
	В	5.0
Q406	С	0.0
	Е	0.0
	В	-0.1
Q407	С	0.0
	Е	0.0
	В	0.0
Q408	С	1.3
	Е	0.0
	В	0.7
Q501	С	0.1
	Ē	0.0
	В	9.9
Q504	С	0.0
	Ē	0.0
	S	3.3
Q600	D	5.0
	G	3.4
	S	3.3
Q601	D	5.0
QUUI	G	3.4
	1	0.0
	2	0.1
Q602	3	0.1
3002	4	0.0
	5	0.7
	6	3.9
	U	ე ა.უ



- All DC voltage to be measured with a tester (100kΩ/V). Voltage taken on a complex color bar signal including a standard color bar signal.
- Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.

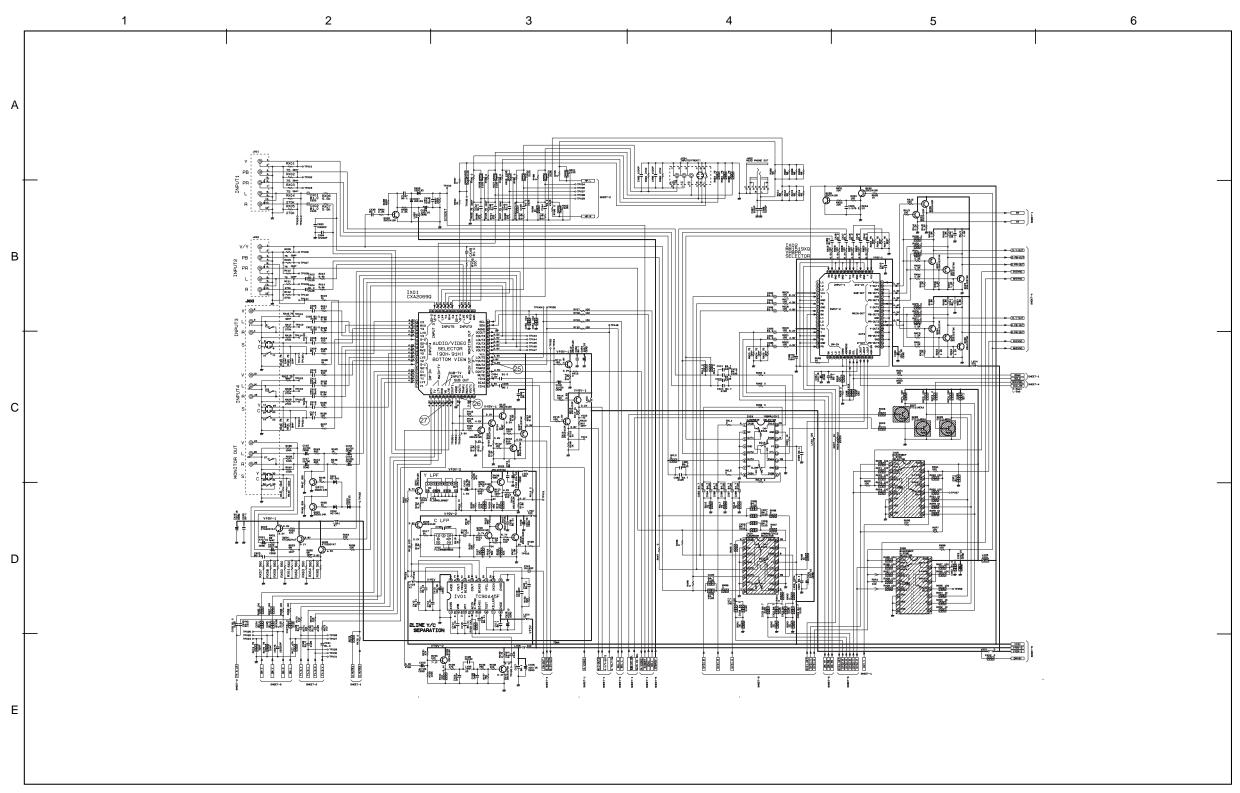


- All DC voltage to be measured with a tester (100kΩ/V). Voltage taken on a complex color bar signal including a standard color bar signal.
- Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.

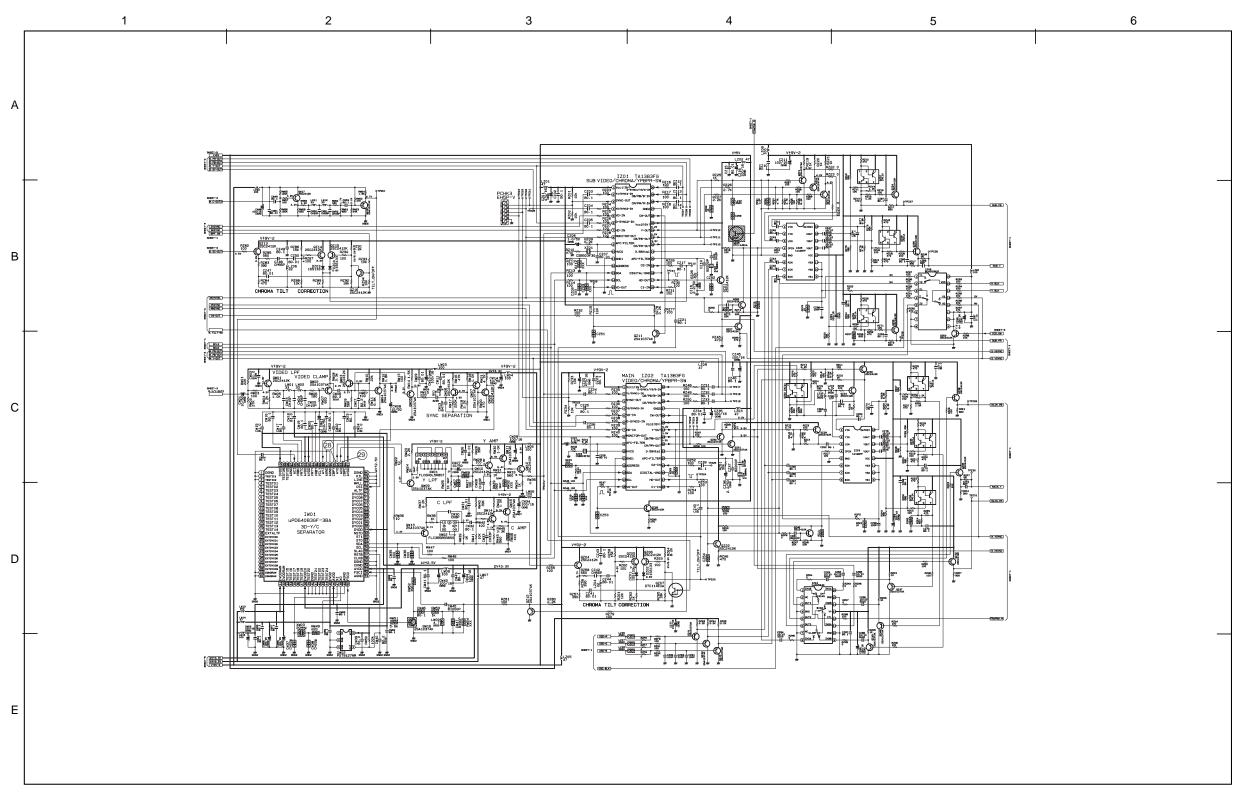


- All DC voltage to be measured with a tester (100kΩ/V). Voltage taken on a complex color bar signal including a standard color bar signal.
- Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.

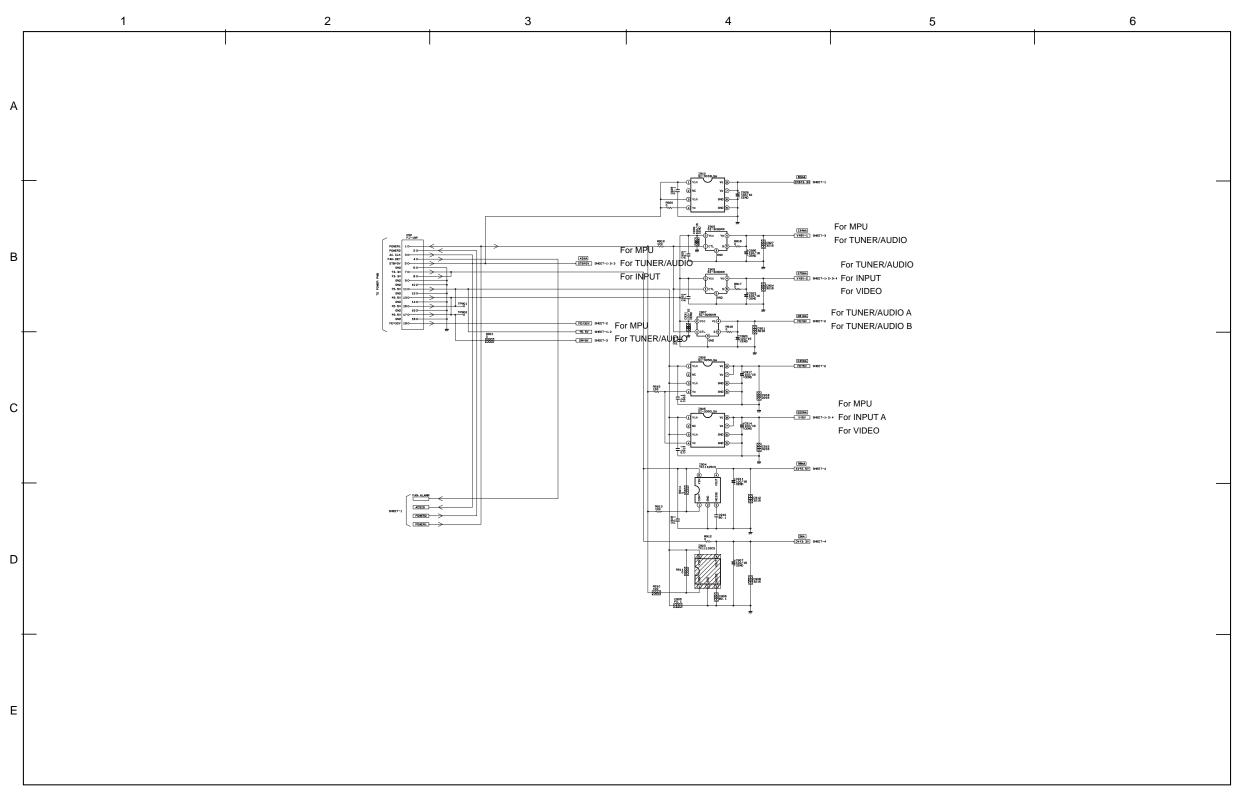
AVC3-U Tuner/Audio



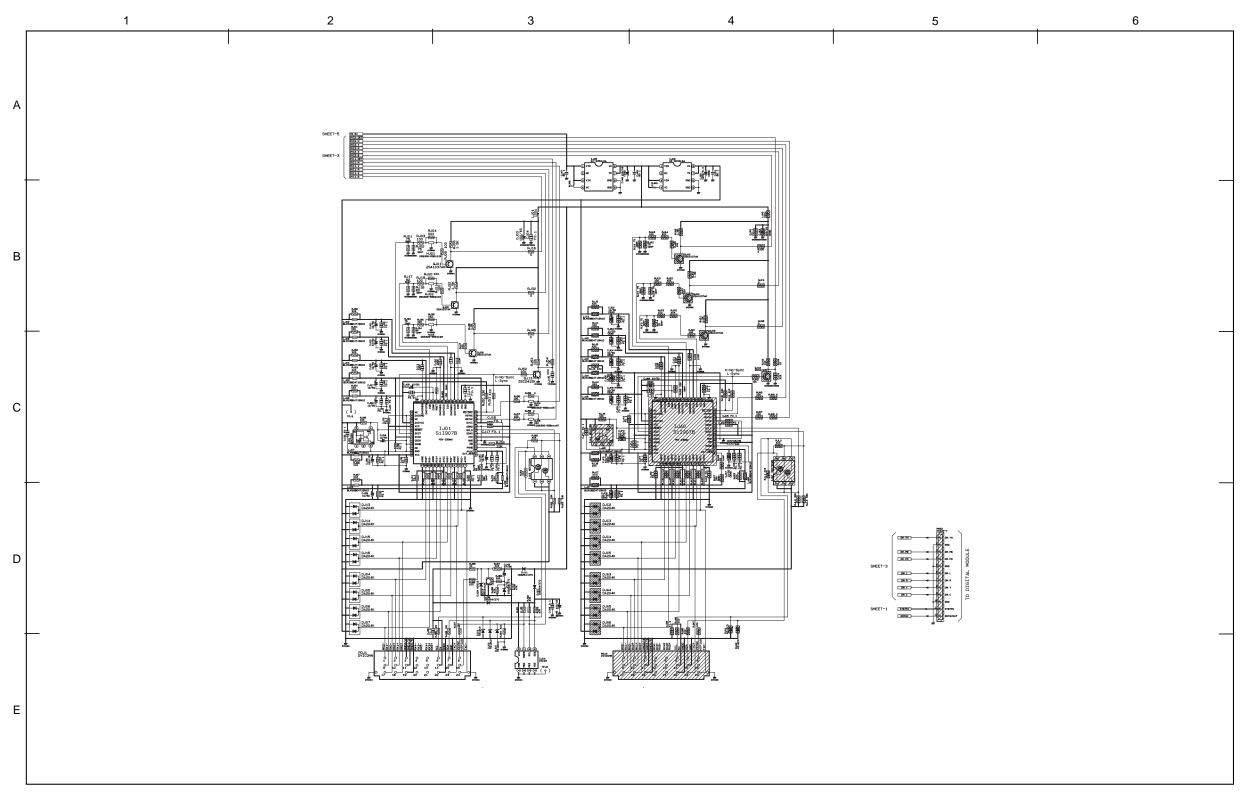
- All DC voltage to be measured with a tester (100kΩ/V). Voltage taken on a complex color bar signal including a standard color bar signal.
- Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.



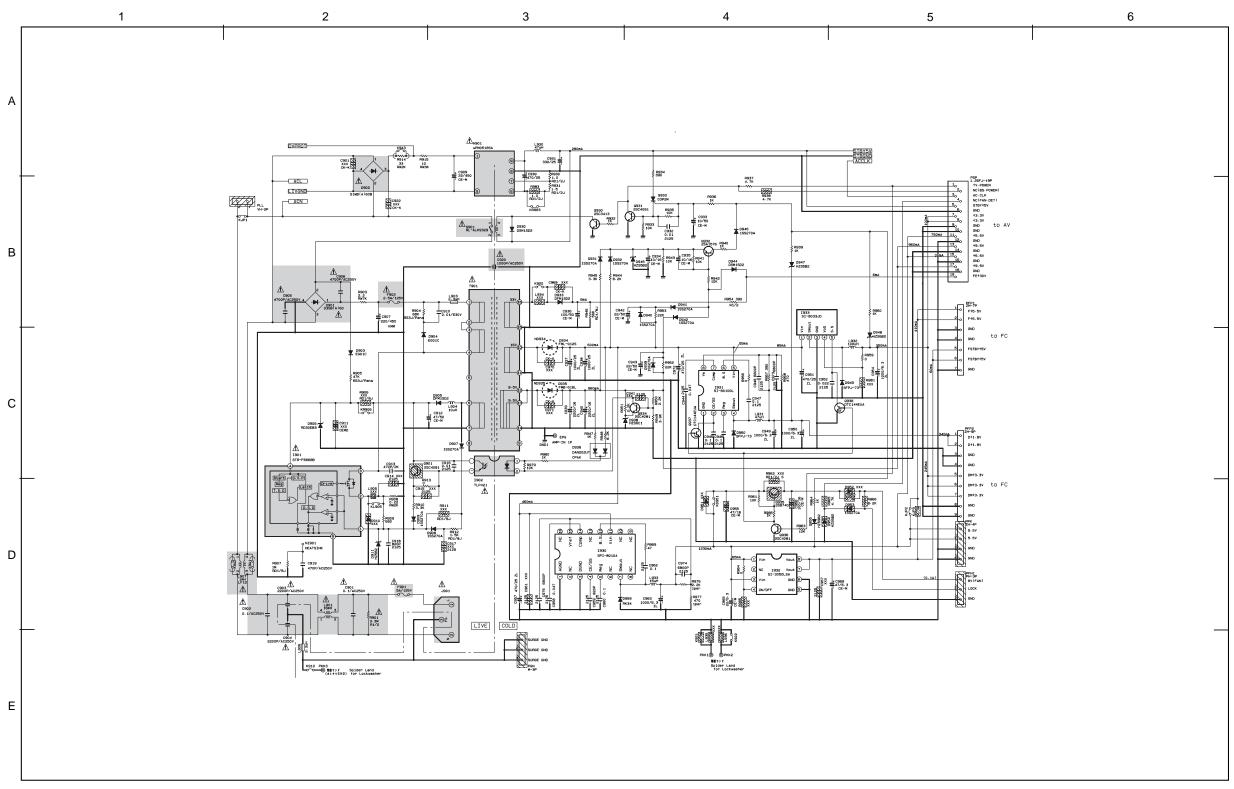
- All DC voltage to be measured with a tester (100kΩ/V). Voltage taken on a complex color bar signal including a standard color bar signal.
- Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.



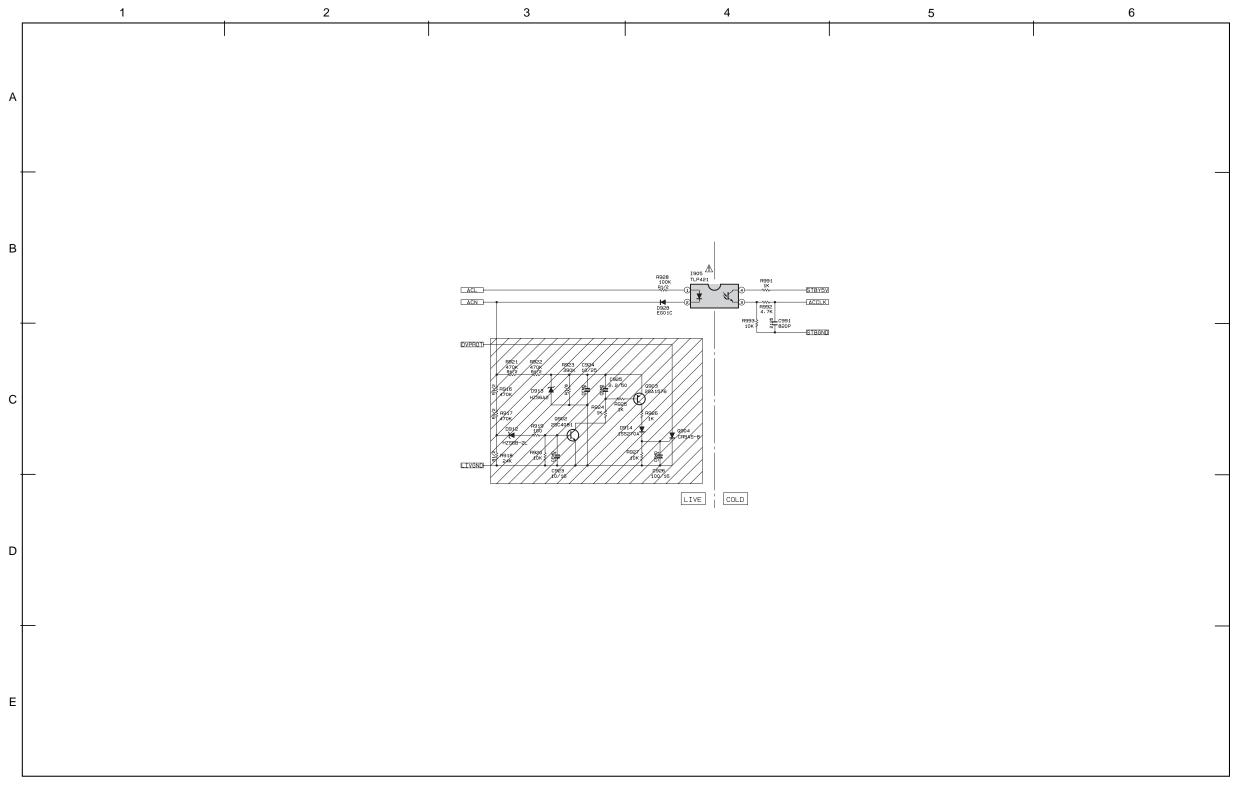
• Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.



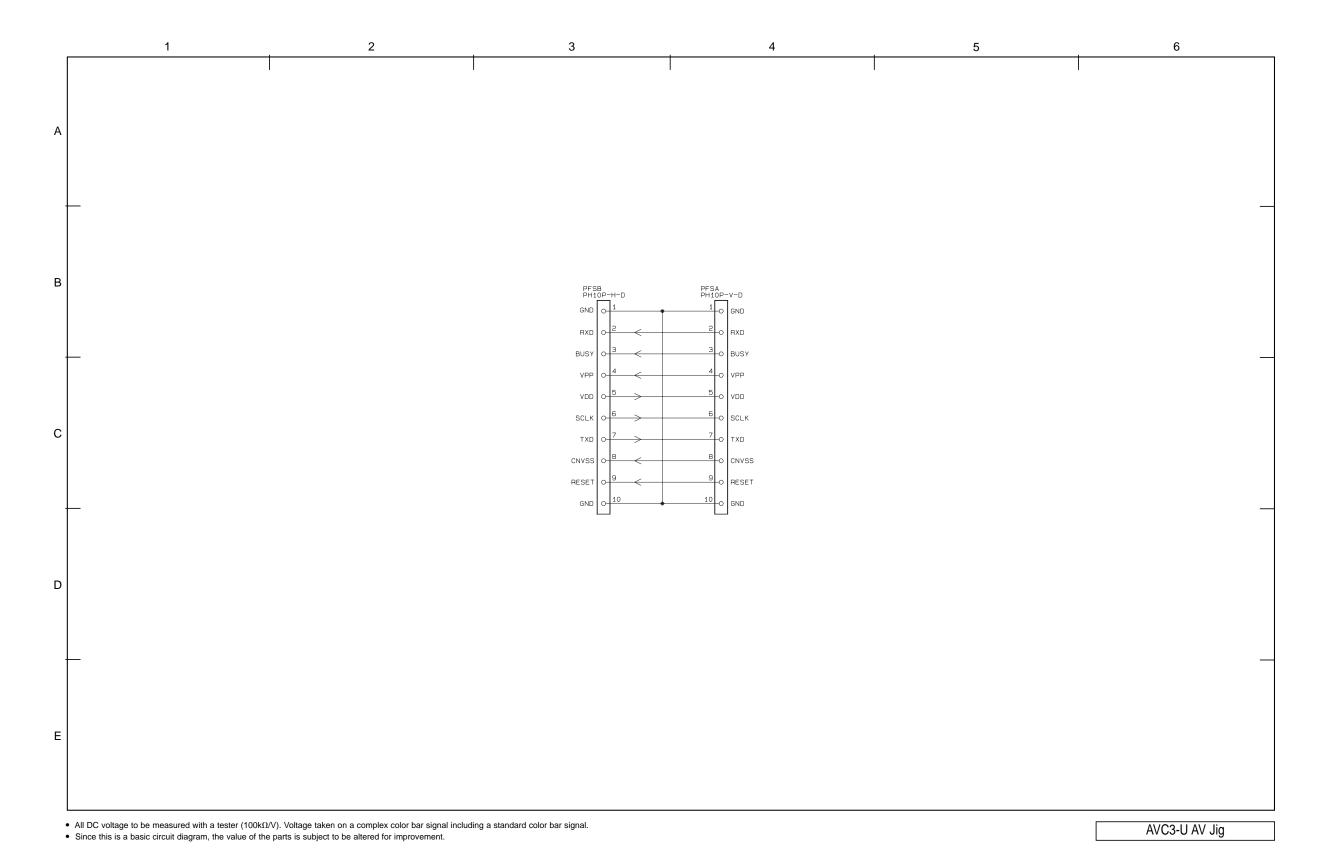
- All DC voltage to be measured with a tester (100kΩ/V). Voltage taken on a complex color bar signal including a standard color bar signal.
- Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.

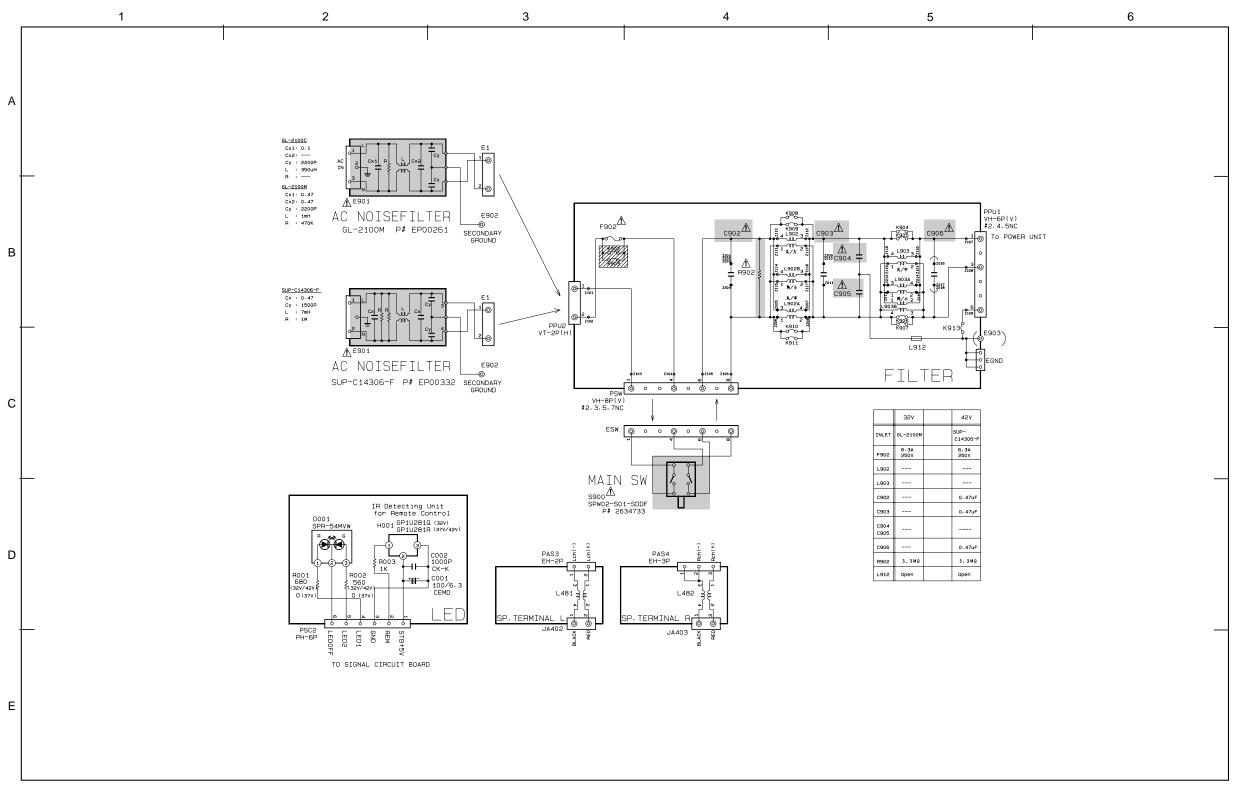


- All DC voltage to be measured with a tester (100kΩ/V). Voltage taken on a complex color bar signal including a standard color bar signal.
- Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.



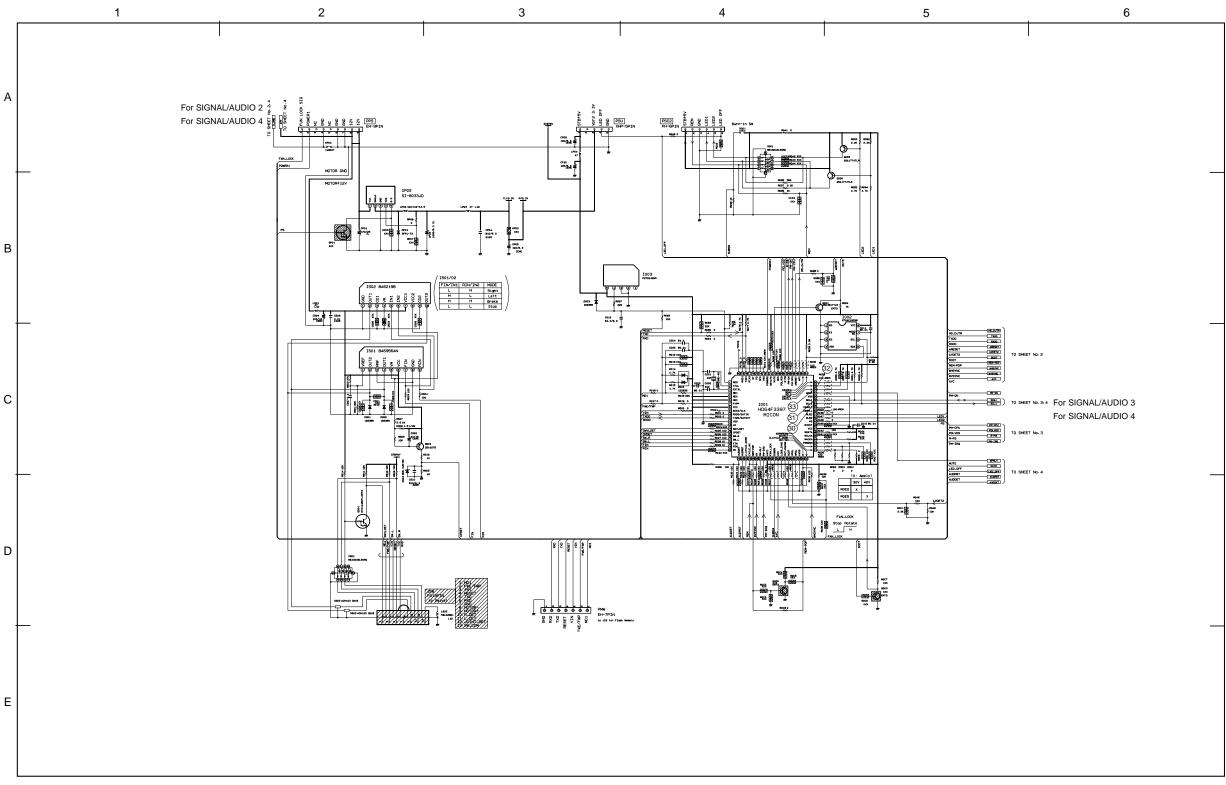
- All DC voltage to be measured with a tester (100kΩ/V). Voltage taken on a complex color bar signal including a standard color bar signal.
- Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.



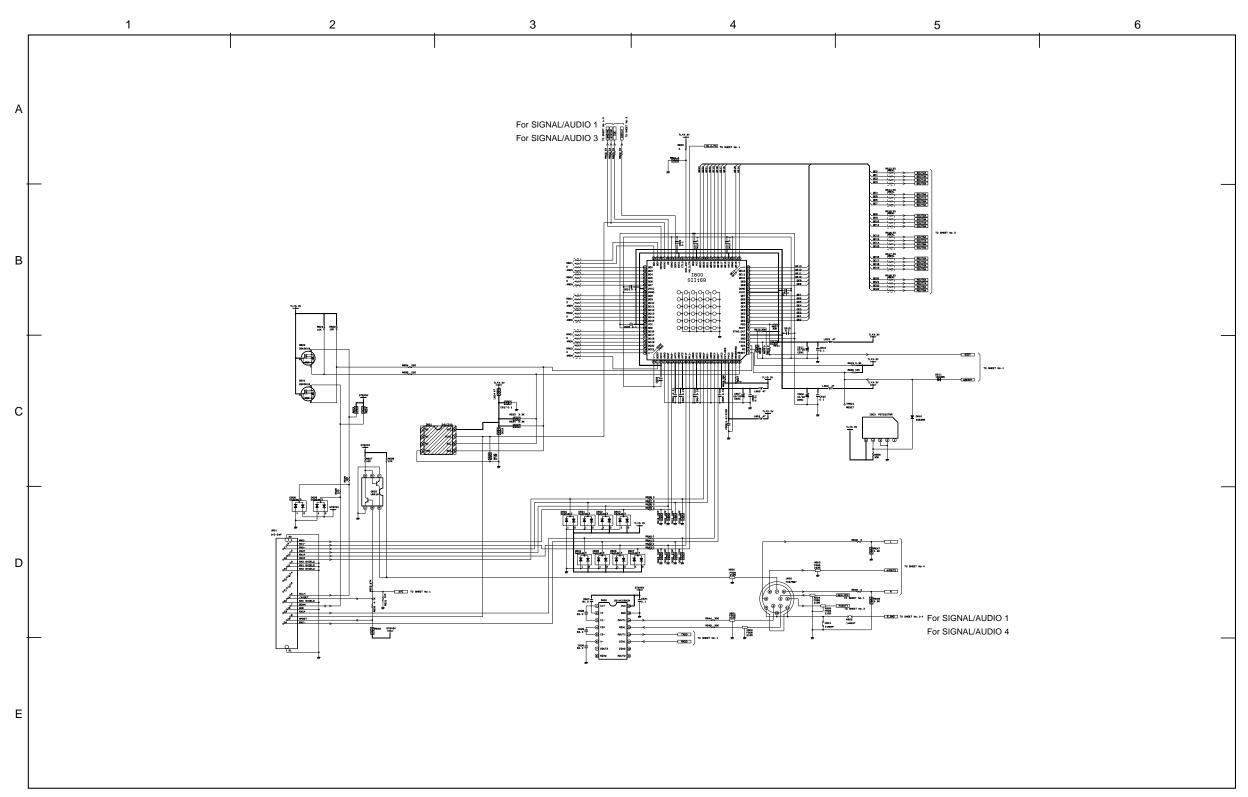


- All DC voltage to be measured with a tester (100kΩ/V). Voltage taken on a complex color bar signal including a standard color bar signal.
- Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.

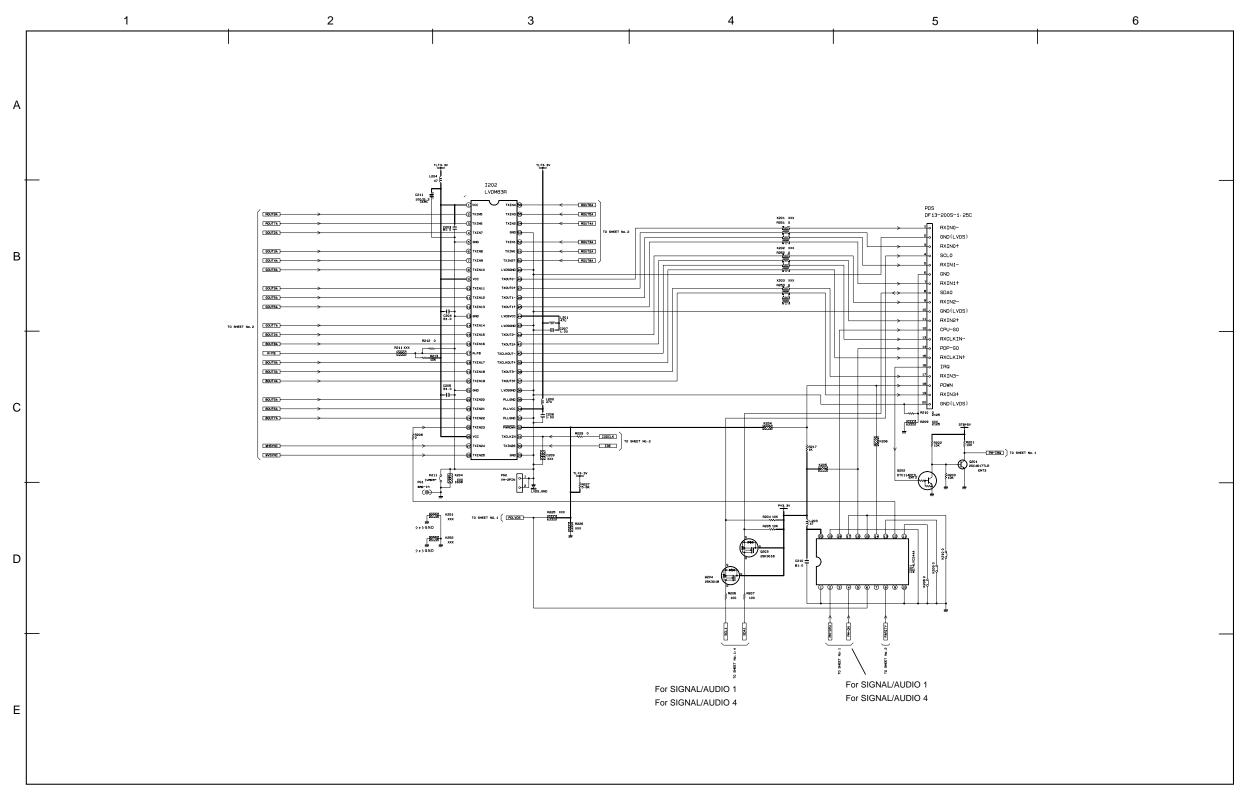
PT3-E/G Filter



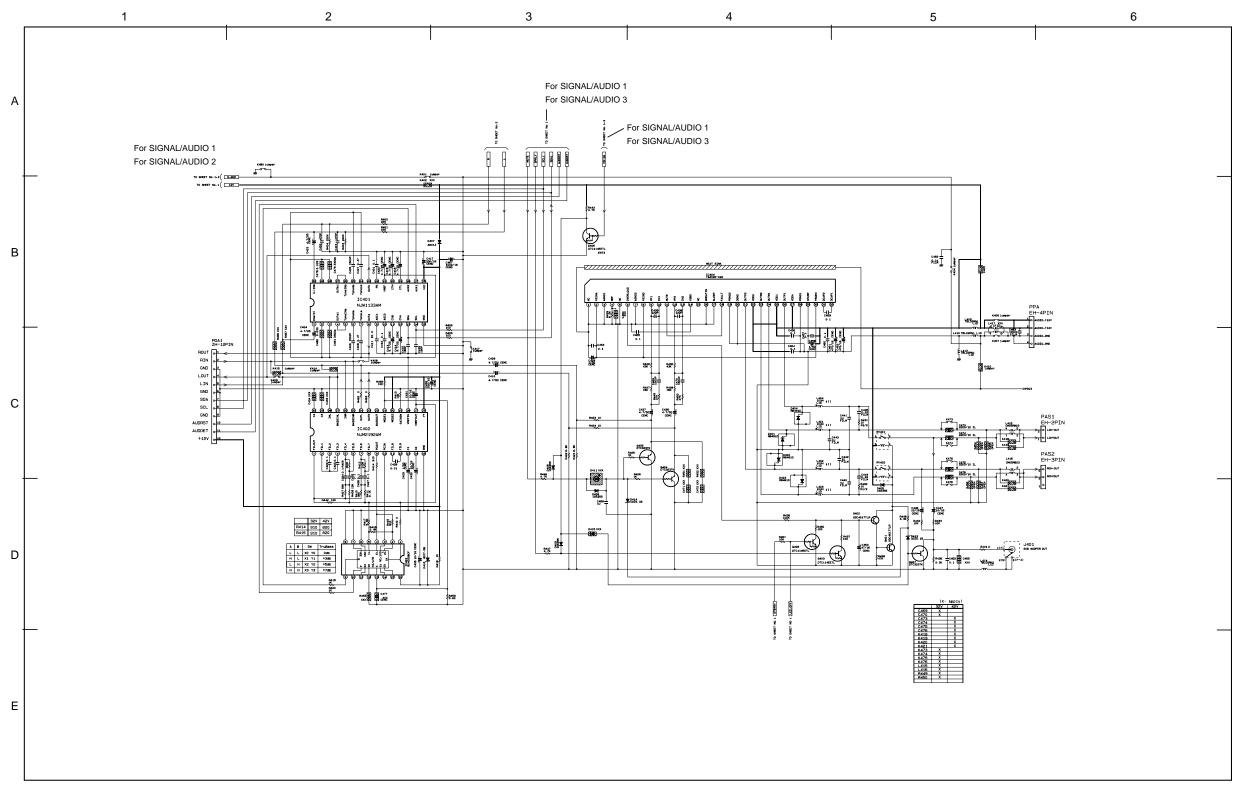
- All DC voltage to be measured with a tester (100kΩ/V). Voltage taken on a complex color bar signal including a standard color bar signal.
- Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.



- All DC voltage to be measured with a tester (100kΩ/V). Voltage taken on a complex color bar signal including a standard color bar signal.
- Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.

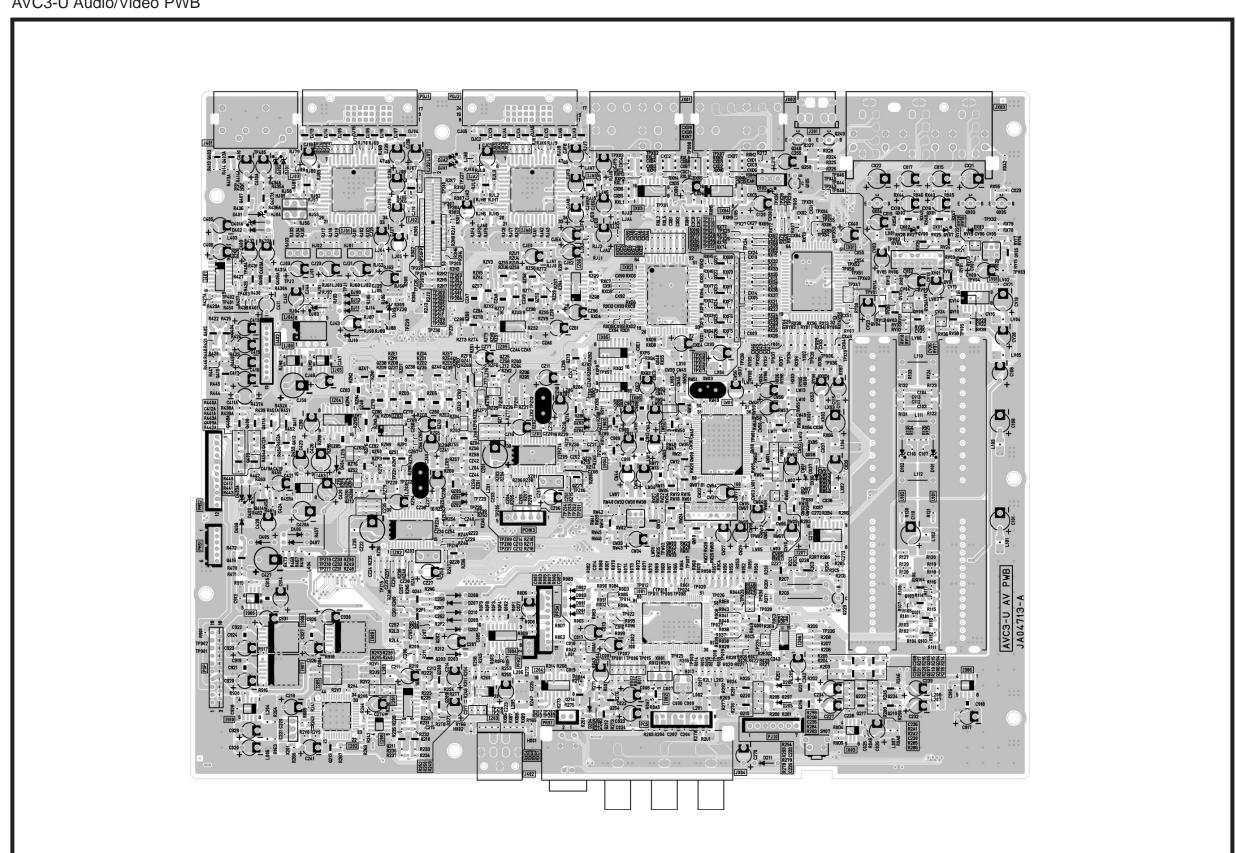


- All DC voltage to be measured with a tester (100kΩ/V). Voltage taken on a complex color bar signal including a standard color bar signal.
- Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.

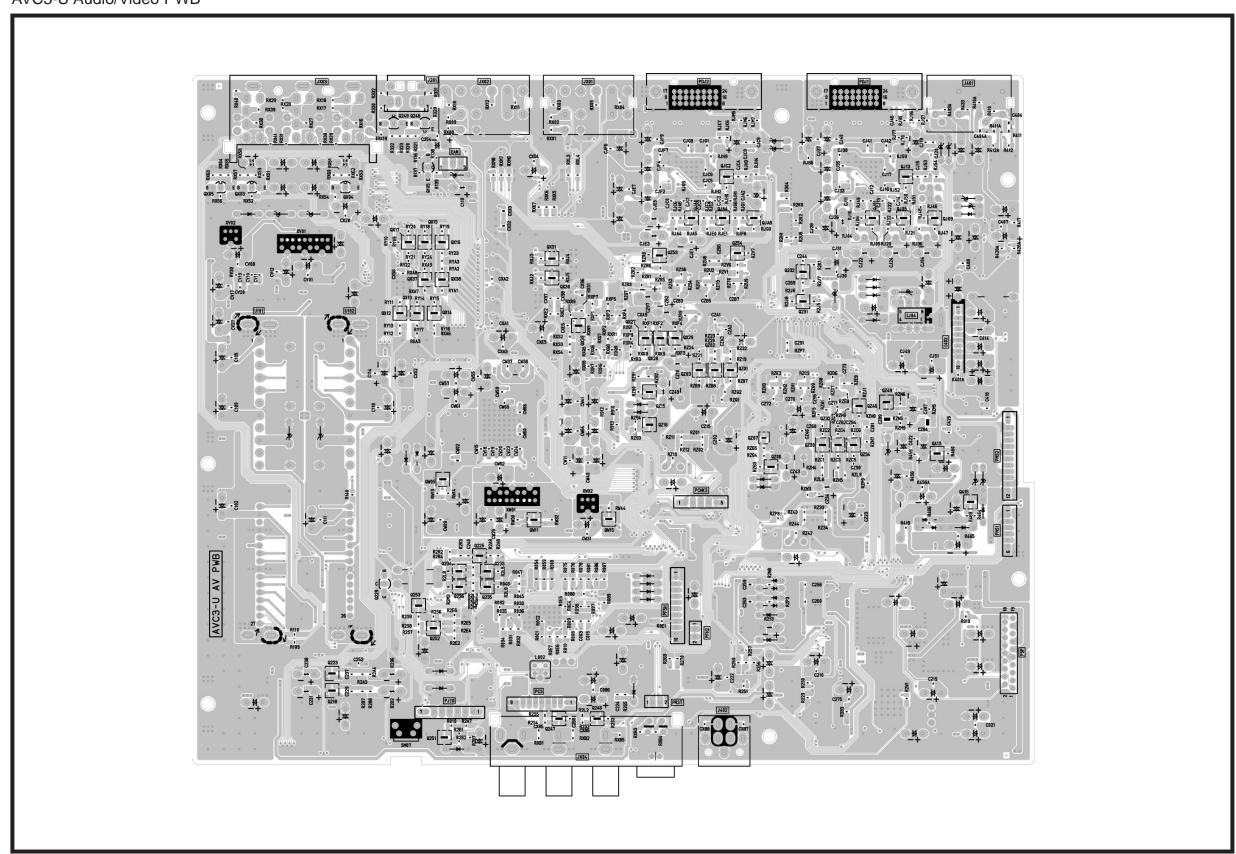


- All DC voltage to be measured with a tester (100kΩ/V). Voltage taken on a complex color bar signal including a standard color bar signal.
- Since this is a basic circuit diagram, the value of the parts is subject to be altered for improvement.

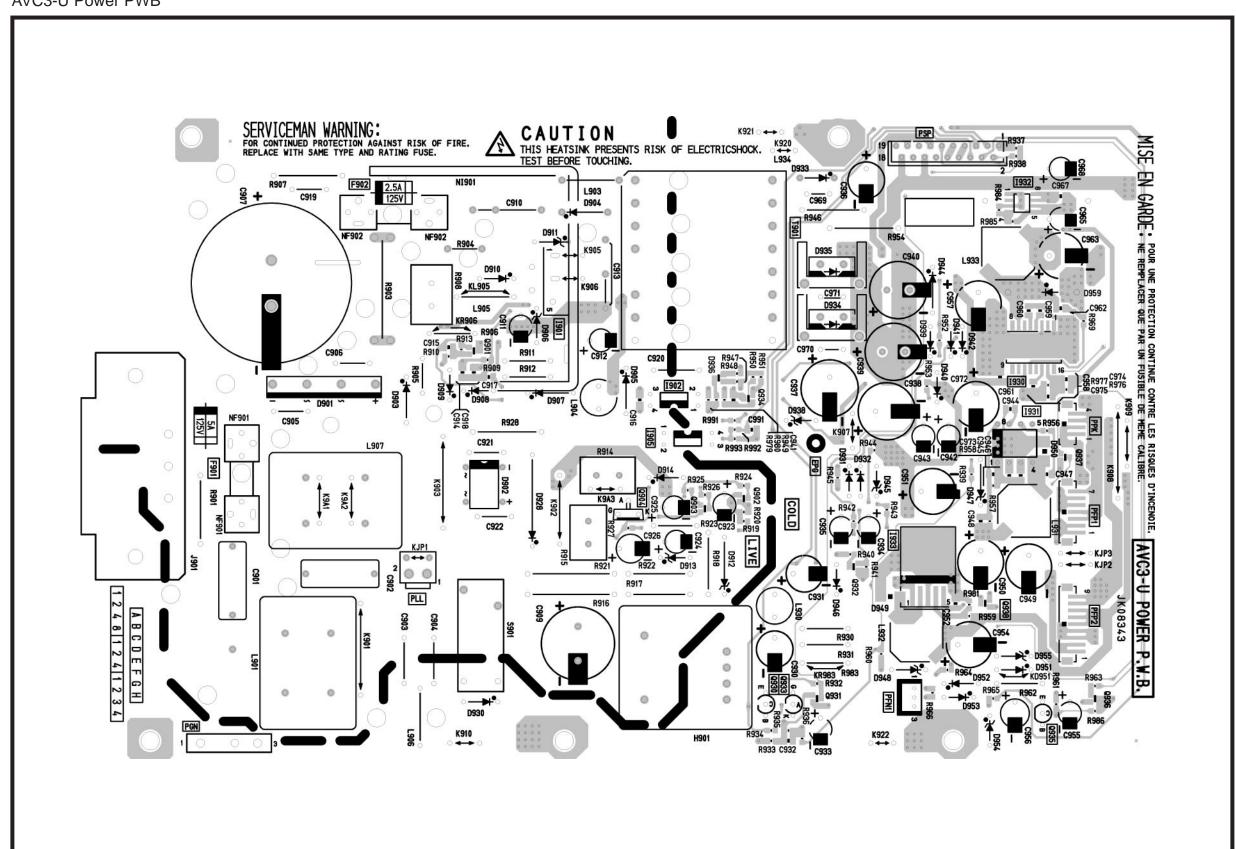
### AVC3-U Audio/Video PWB



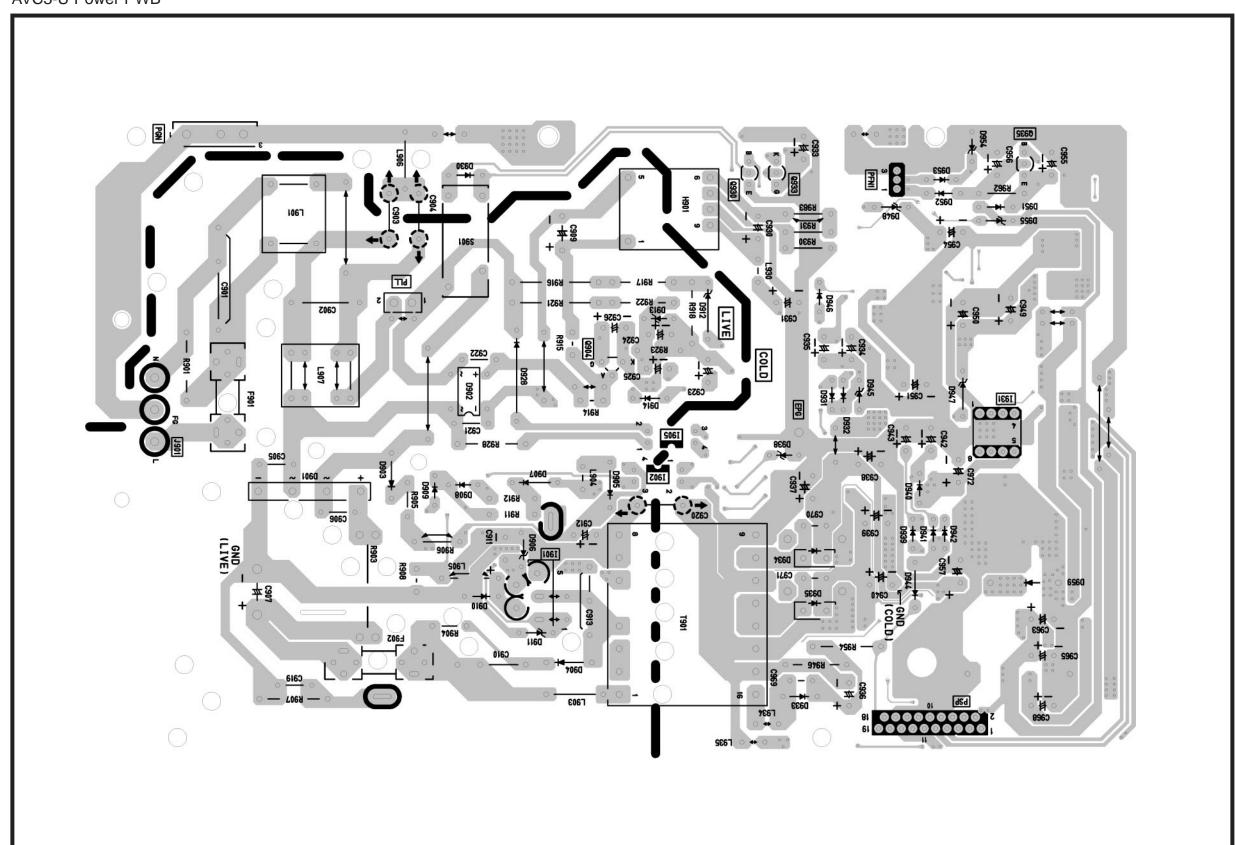
### AVC3-U Audio/Video PWB



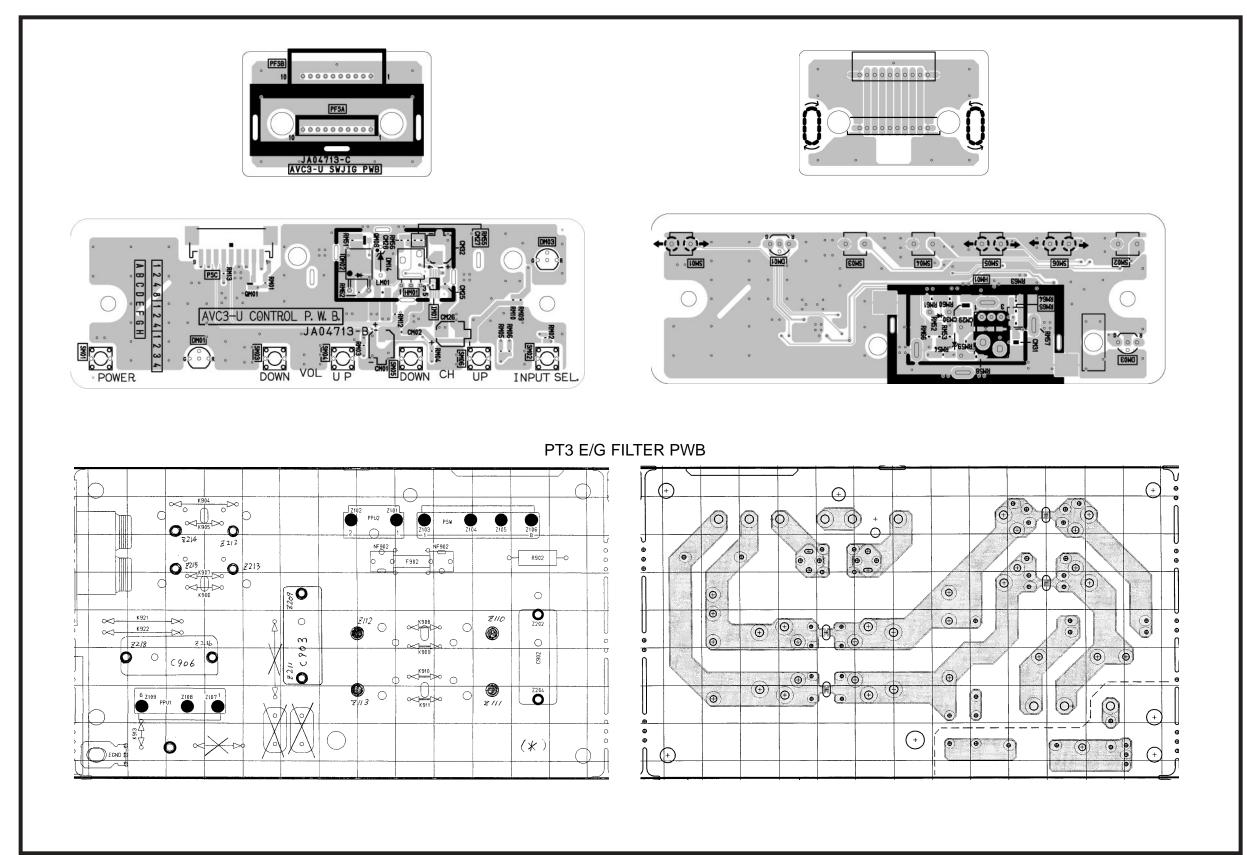
### AVC3-U Power PWB

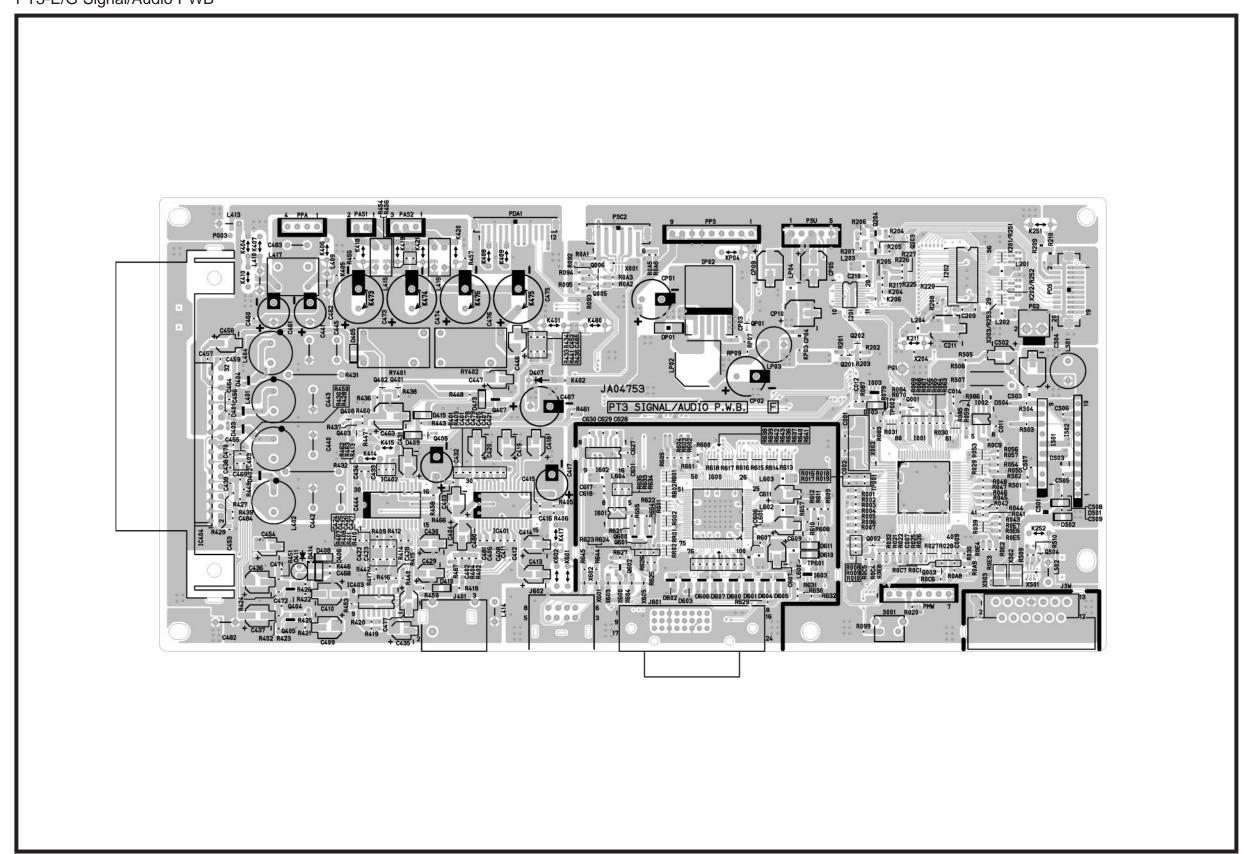


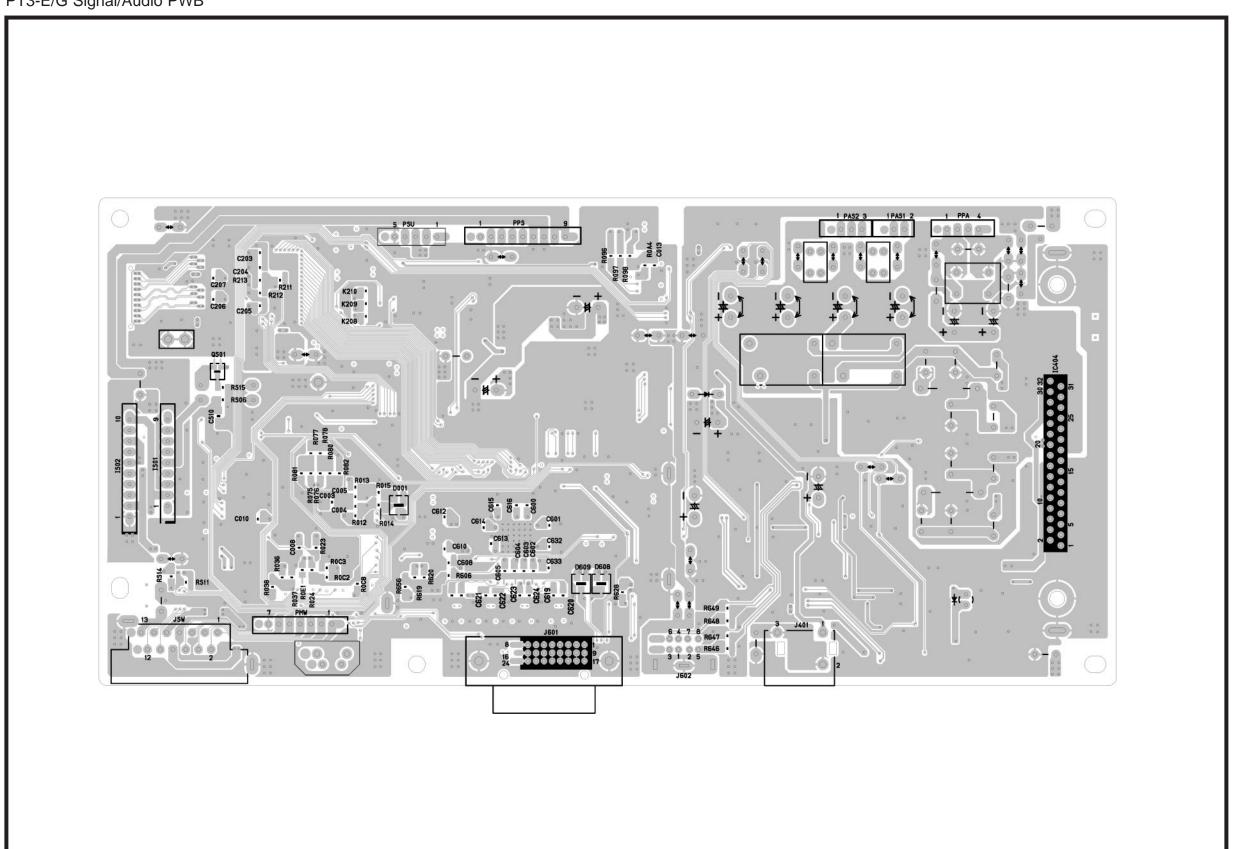
### AVC3-U Power PWB



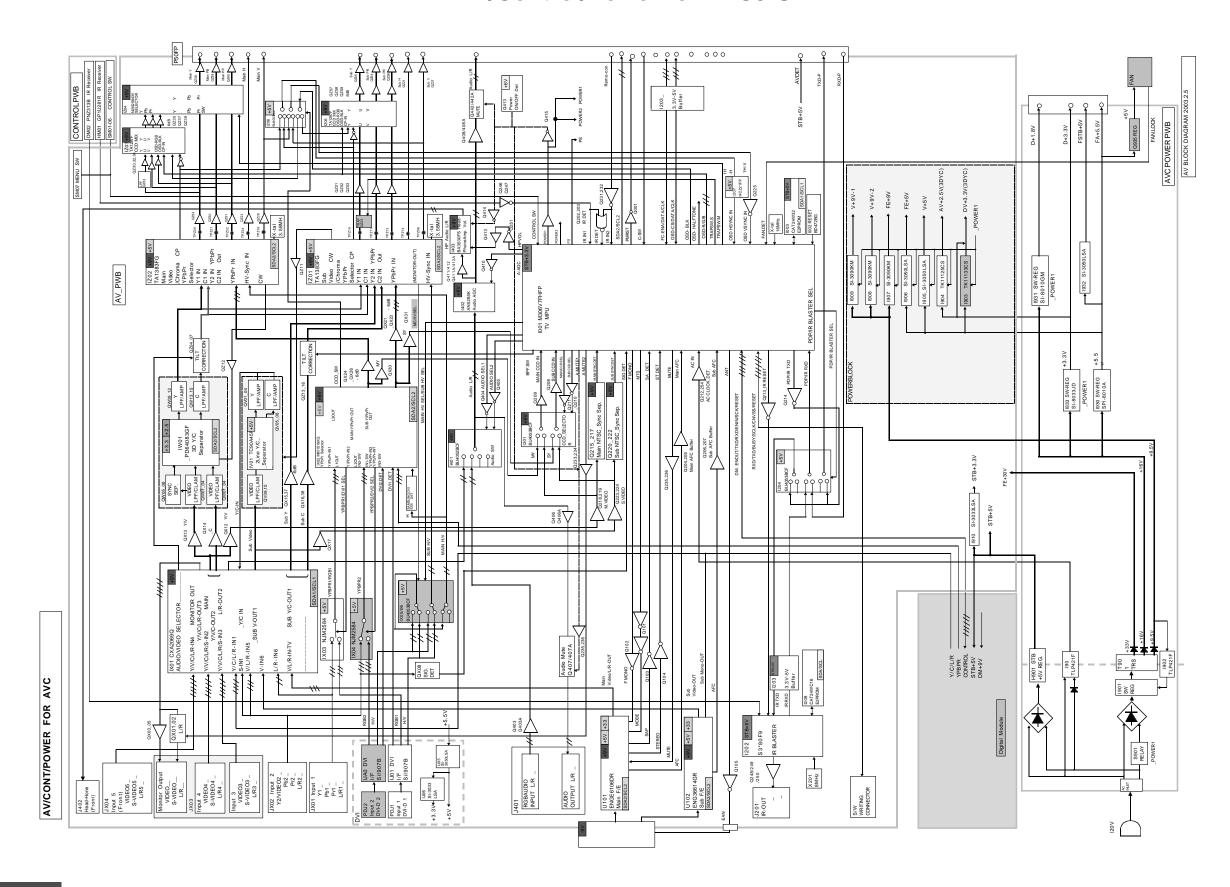
### AVC3-U SW Jig/Control/Filter PWB



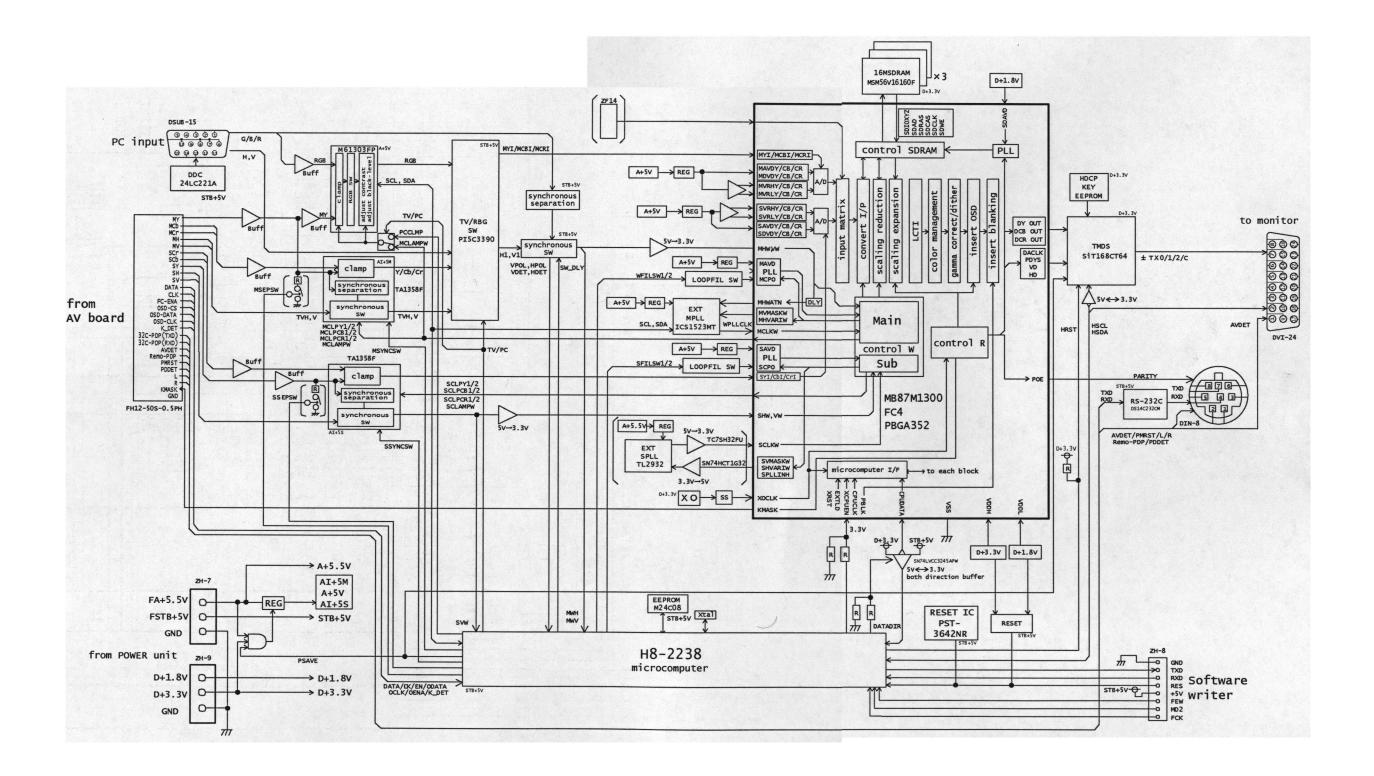


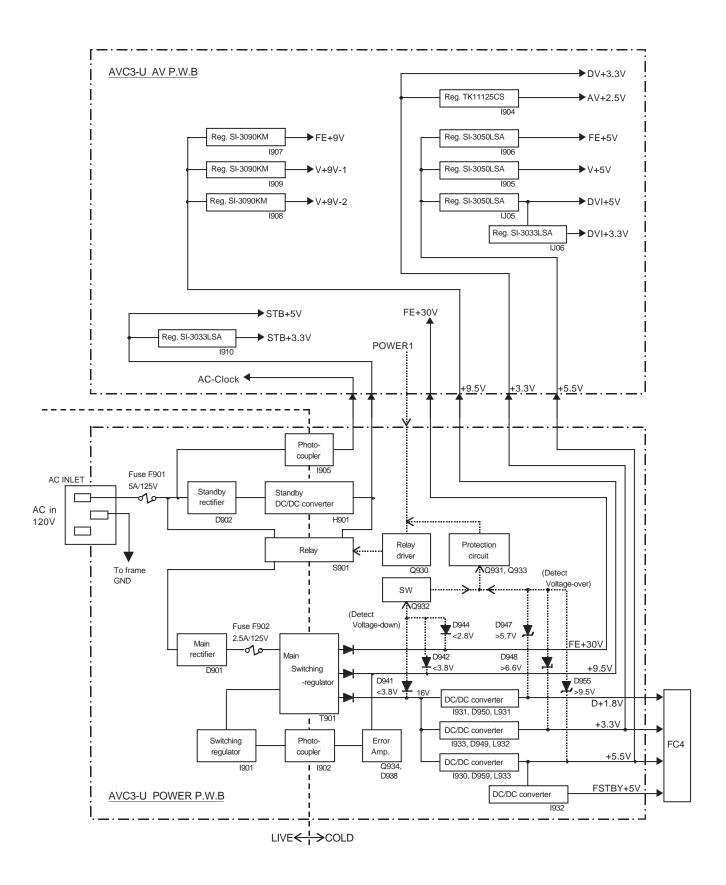


# **BLOCK DIAGRAM AV/Control/Power for AVC3-U**

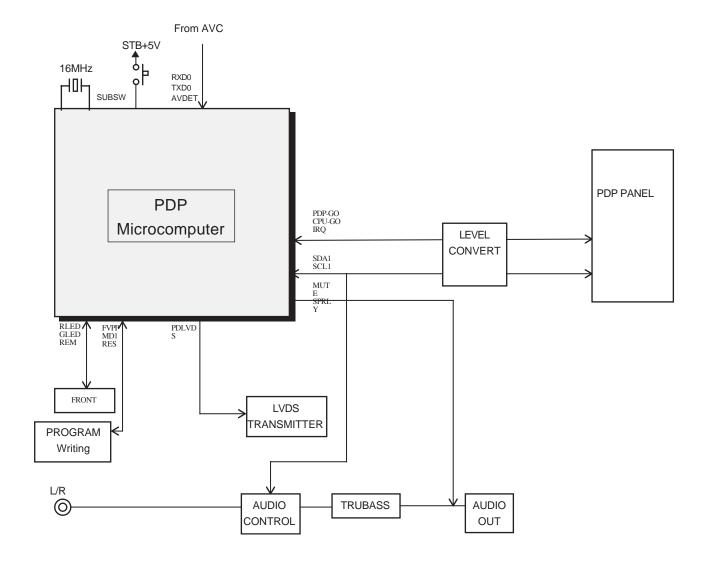


## BLOCK DIAGRAM FC4 Unit



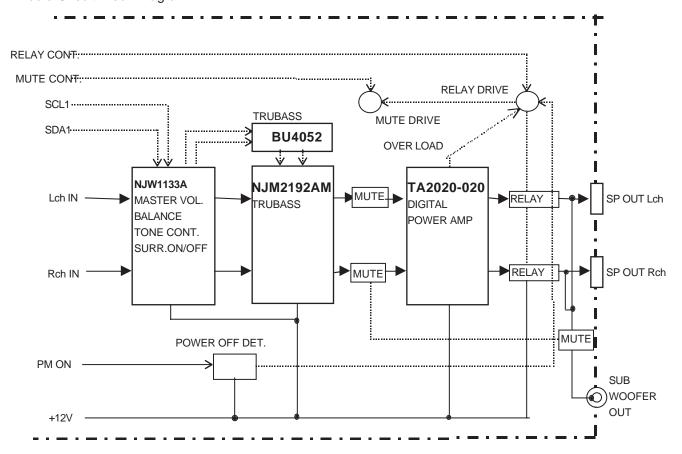


## MPU CONTROL BLOCK DIAGRAM Plasma Monitor

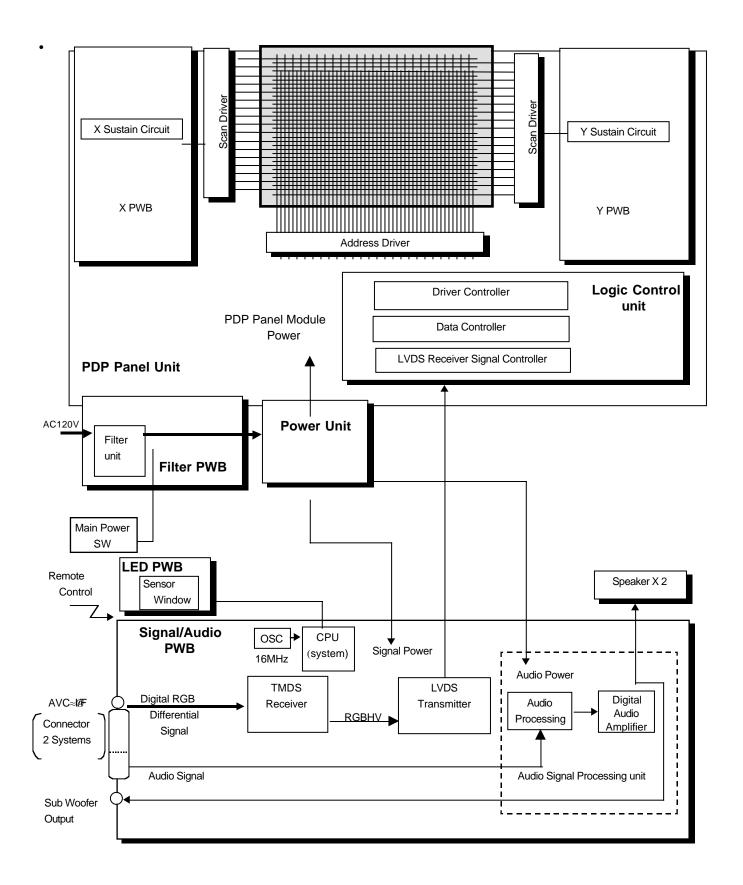


## AUDIIO CIRCUIT BLOCK DIAGRAM Plasma Monitor

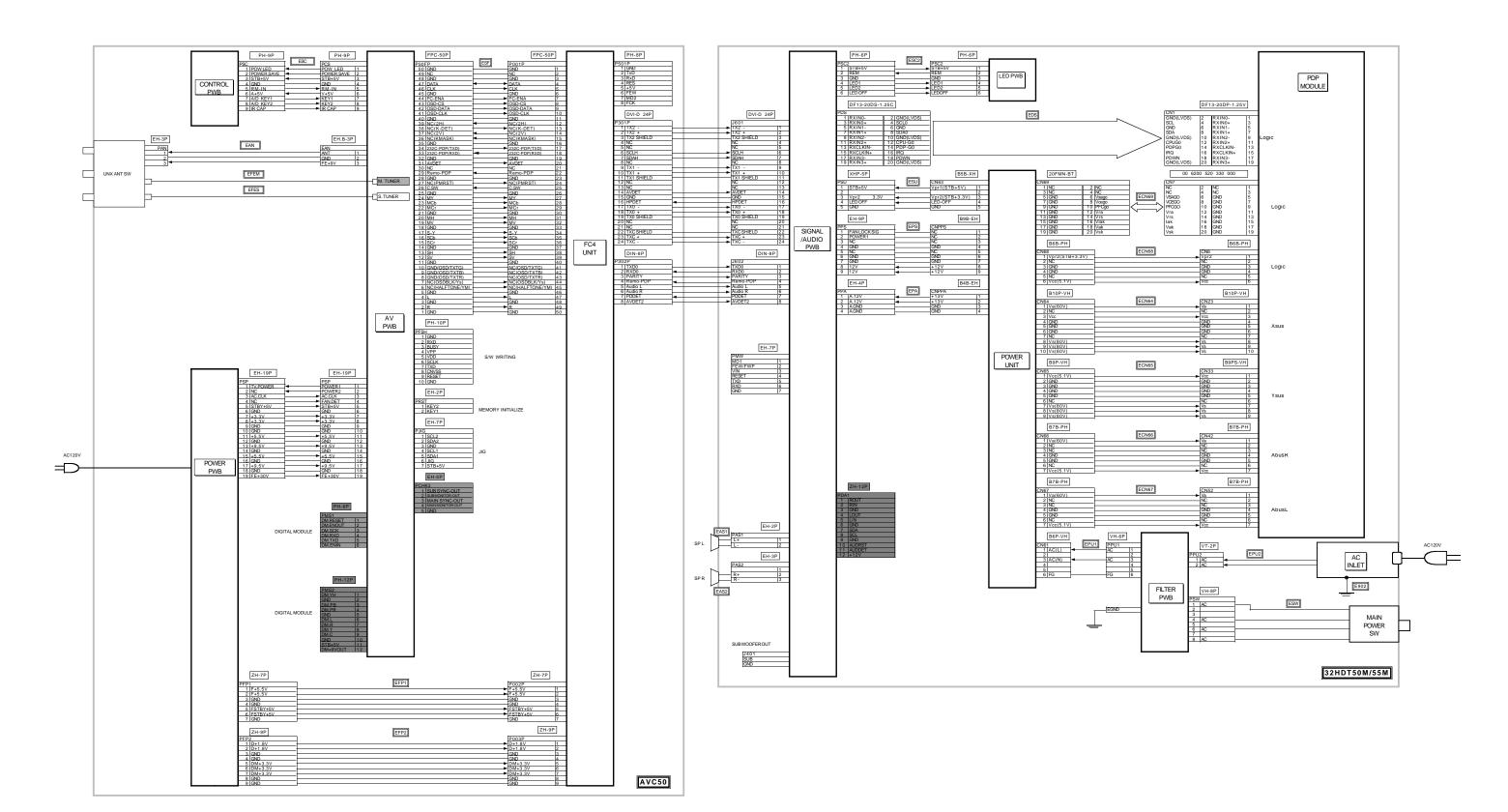
Audio Circuit Block Diagram



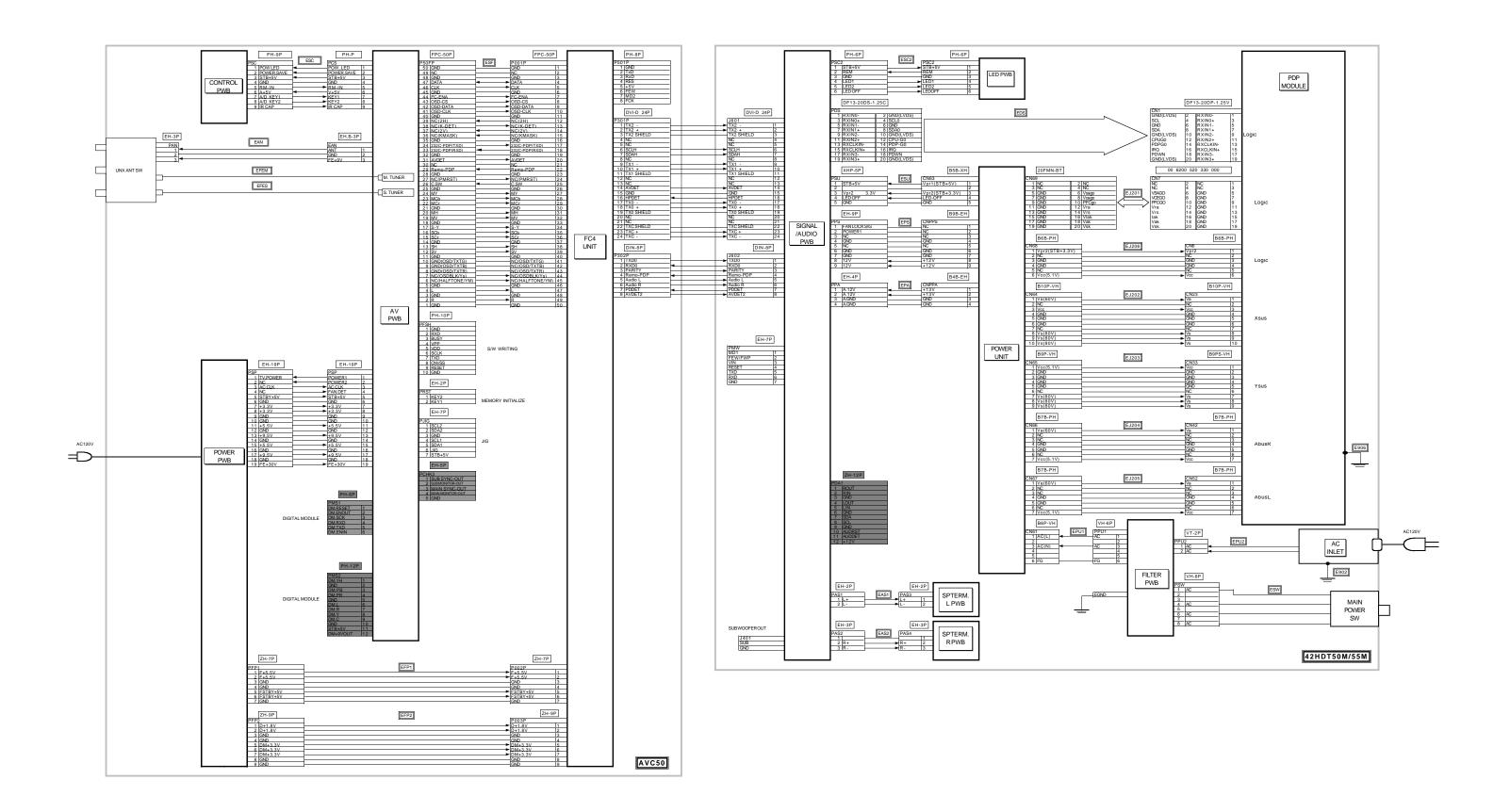
## BLOCK DIAGRAM APPLICATION Plasma Monitor



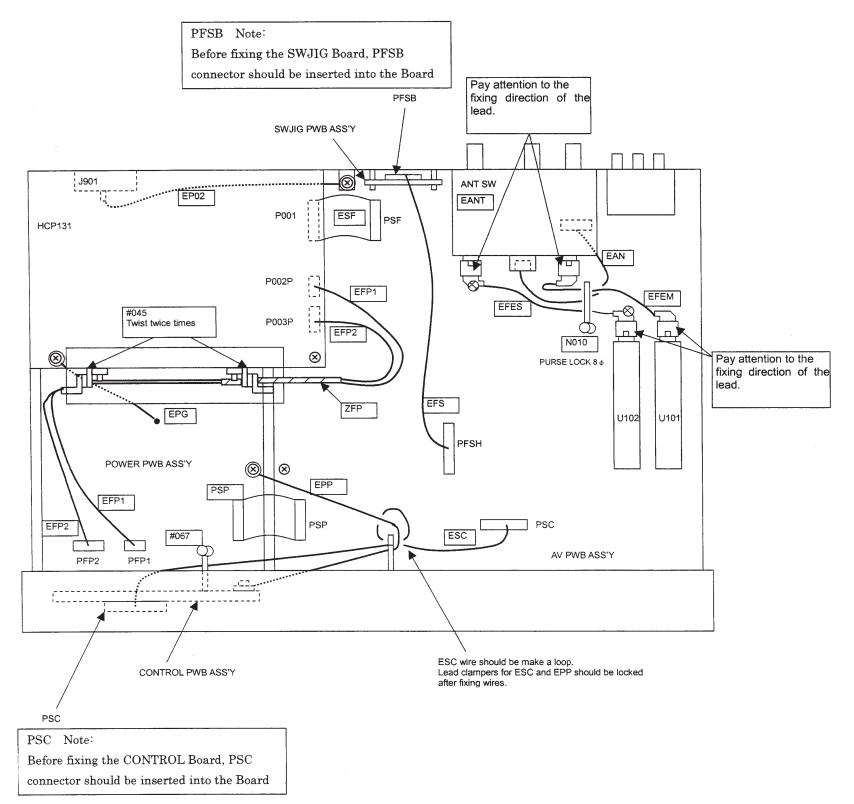
# CONNECTION DIAGRAM 32HDT50/55



# CONNECTION DIAGRAM 42HDT50/55



## **AVC3-U CHASSIS WIRING DRAWING**

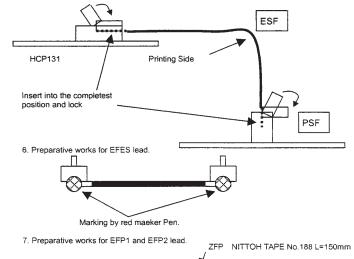


#### **SPECIFICATION**

- This Drawing shows the wire dressing and connectors connection of AVC3-U Final Assy.
- Connectors with wire should be inserted into Plug Pin
   Posts as shoen on the table below.

Connecto	r Wire	Plug Pin 1	44	Plug Pin 2		
Name	Assy List	Board	Name	Board	Name	
ESC	FINAL ASSY	Control Board	PSC	AV Board	PSC	
EFP1	FINAL ASSY	Power Board	PFP1	HCP131	P002P	
EFP2	FINAL ASSY	Power Board	PFP2	HCP131	P003P	
ESF	FINAL ASSY	AV Board	PSF	HCP131	P001	
PSP	POWER ASSY	AV Board	PSP	-	-	
EFEM	FINALASSY	ANT SW	EANT	AV Board	U101	
EFES	FINAL ASSY	ANT SW	EANT	AV Board	U102	
EAN	AV/CONT ASSY	ANT SW	EANT	AV Board	EAN	
EFS	FINAL ASSY	SWJIG Board	PFSB	AV Board	PFSH	
EPP	FINAL ASSY	Power Board	(Screw)	Front Panel	(Screw)	
EPG	POWER ASSY	Power Board	EPG	HCP131	(Screw)	
EP02	POWER ASSY	Power Board	J901	Rear Panel	(Screw)	

- 3. Into Plug Pin Post with Lock function, connector housing should be inserted completely until it can be locked.
- Into Plug Pin Post without Lock function, connector housing should be inserted most completely.
- 5. Flexible Flat Cable ESF should be fixed as shown on the



Side Side

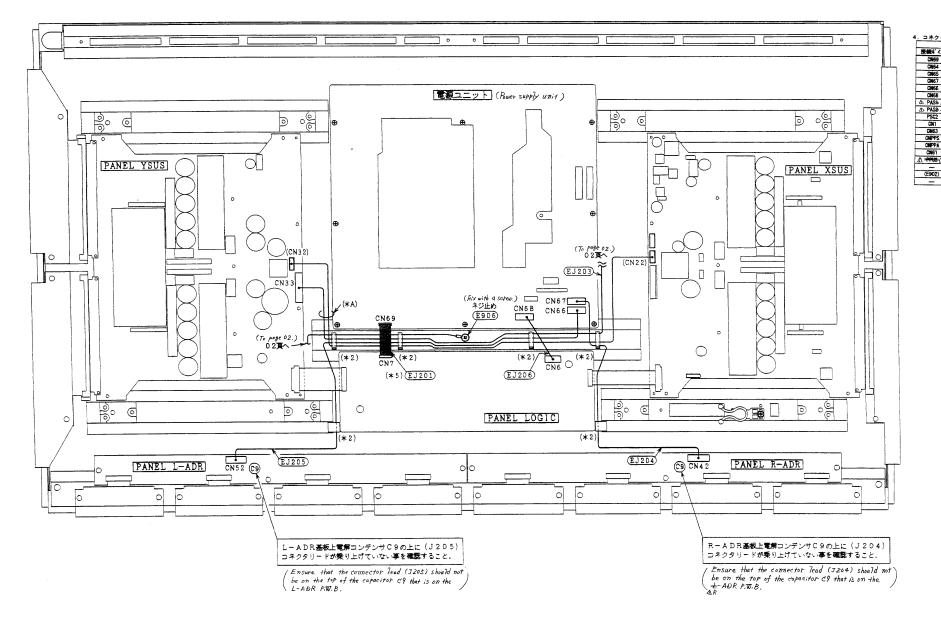
FC Unit(HCP131)

EFP1 and EFP2 leads should be bunched together with NITTOH tape(No.188 19mm width)

8. This drawing applies to ECN#20.

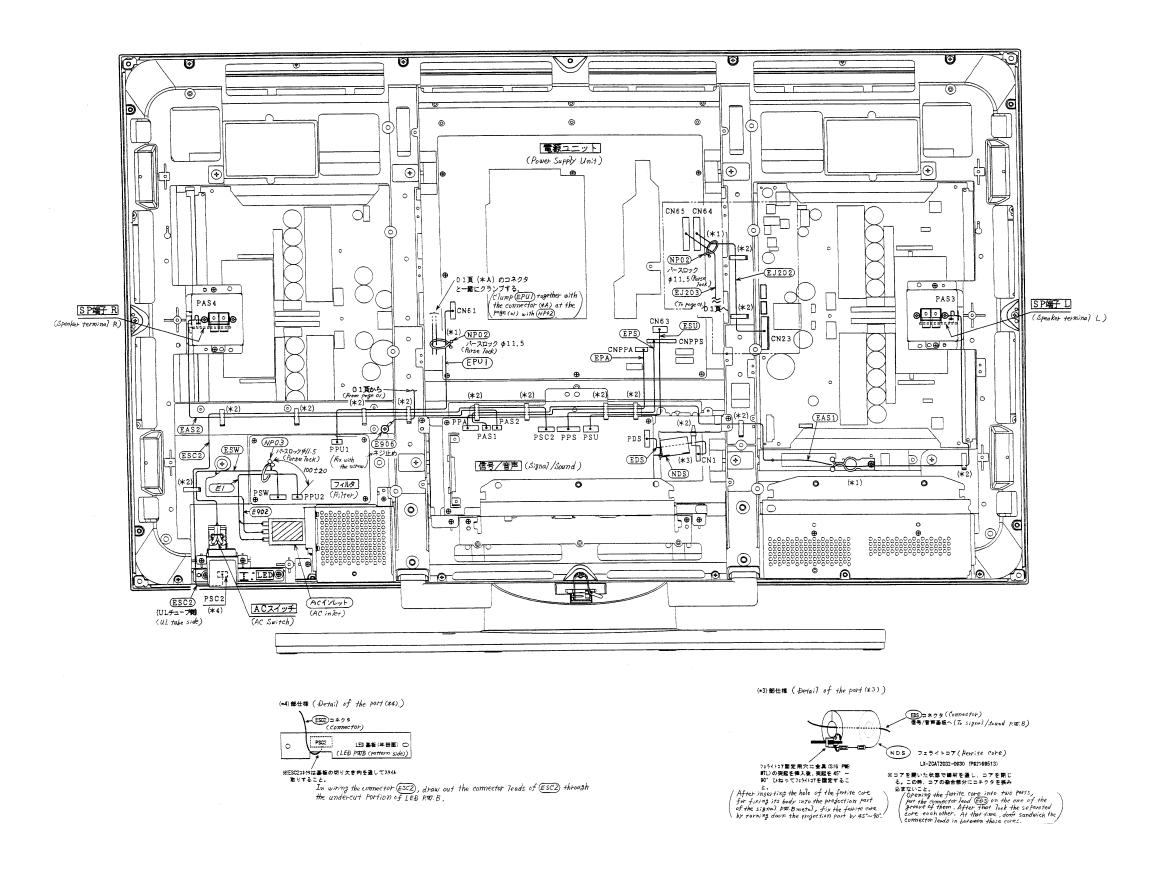
## PT3-E/G CHASSIS WIRING DRAWING 42" Plasma Monitor Front

#### 準備作業 (Preparation Work) 1. \$900は下記の準備作業を行った後ASS'Yのこと. (\$900 should be assembled after a preparation work for itself below.) \$900 電源SW (Mains Switch) 2.ACインレットAss'y (AC inlet Ass'y) E902は下記Ass'yの後シャーシフレームに取り付けのこと (E902 should be fixed with the screw at the chassis frame affer below assenbly.) (E901A) ULfューフ NO3 (E901A) L=30mm (UL tube) ACインレット (P#9451138) (AC milet) S900B (UL tube No.3 transparent (ダ5.8) UL チューブ No.3 トウメイ (ゆ5.8) ●はからげ半田を示す (##9451138) (##9451138) (1) 本図は電源SW上側より見た図である。(This drawing shows the top side view of the mains switch.) E902 A 矢視図 (View point A) (2)図中 ● で示す部分はからげ半田付けのこと。(The mark Shown in "●" is a twist and solder point.) (3)ULチューブは電源SW端子根元まで挿入し、(Insert the UL tubes to the terminals of the mains Jレチューノ口電影のW端丁収ルまで呼べいくLinsert the UL TUDES IN INFERENCES OF THE MAINS チューブ先端をSKパインター止めのこと、Switch till these stop at the base Part of the mains terminals, and fix the mains switch leads with the &K binder at the end of the UL tubes.) $\triangle$ E902はACインレットの雑子(中央の雑子)にからげ半田後 E/=E( E902 should be fixed together with #P42 with SK binder E901B after twisting and Sidering) (White) 白~ 無(Black) E902 at the center terminal of Acinlet.



## PT3シャシ(42")総組布線図 仕様 「1579(42) 登組市機図 仕様 (Specification for the final wing drawing for PT3 (42°) chassis,) 1 本国は、極端市園を子し、本機関における配慮の割り間日よび情報は本面 によること(This drawing shows the final wiring drawing to the set of the wing shows the final wiring drawing to the final wiring drawing to the set of the wing shows the back side view of the set. Poper to this drawing, 1 コップ機械サミニタラはし、カッリコックされるまで、その他のコネクなはボ ストの機元まで挿入すること(The property with the leak sweedows on should be locked tragether the back of the set of th A FORET T 1 A FO The printing side of the connector EJ201 should be faced to the panel module. And then, (1). In unlocking CNT (at the Possision drown in a dotted Tine), insert the connector EIZOI toward CNT in the direction of (1) till it stops. (2). Keeping on the condition (1), stide the lock part of CN7 toward @ and fix it. (3). The other side of the commostor EJ201 at the part of CN69 should be inserted toward. firmly till it stops. (*5) 部仕様 (Detail of (\$5) part.) EJ20113479は、文字接印画をパネ44ジュー側にして、 (1) ONT のロックを外した状態 (下図点線位置) で、下図の①方向に当たりがあるまで ONT に挿入する。 (2) (1) の状態を後ちながら、ONT のロックを②方向にようが、して固定する。 (3) ON69 側は下図の②方向に当たりがあるまでしっかりと挿入する。 PETTH (Power supply unit.) n' * * ti' 2-1 (Panel module)

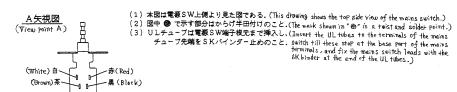
## PT3-E/G CHASSIS WIRING DRAWING 42" Plasma Monitor Back

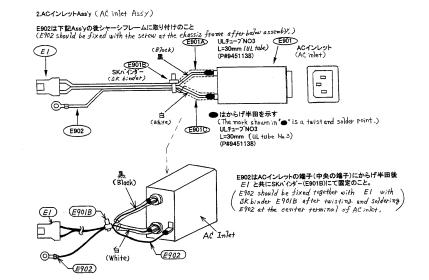


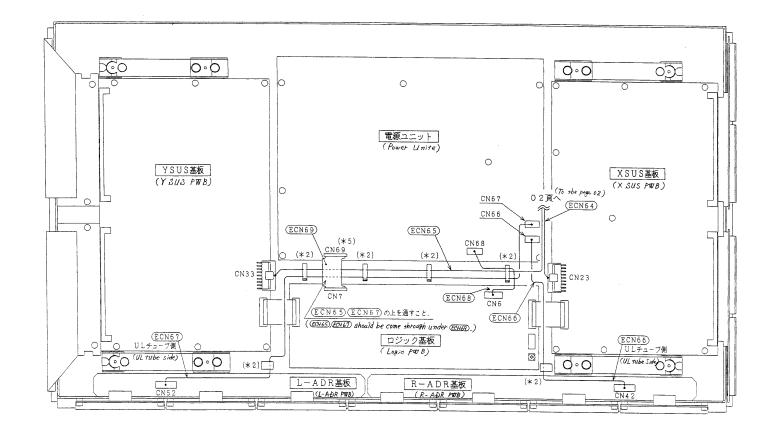
## PT3-E/G CHASSIS WIRING DRAWING 32" Plasma Monitor Front

### 準備作業 (<u>Preparation Work</u>)

1. S900は下記の準備作業を行った後ASS'Yのこと. (S900 should be assembled after a preparation work for itself below.) S900 S900B (UL tube No.3 transparent (ダ5.8)
UL チューフ No.3 トウメイ (ダ5.8) L=15mm×4

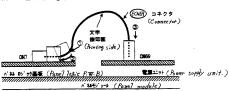






#### (*5) 部仕様 (Detail of (\$5) Part.)

E/H691499は、文字版印画をバ料ゼン・M間にして、
(1) CN7 のロックを外した状態(下図点線位置)で、下図の①方向に当たりがあるまで CN7 に挿入する。
(2) (1) の状態を使化ながら、CN7 のロックを②方向に25/1・して図定する。
(3) CN66 他は下図の②方向に当たりがあるまでしっかりと挿入する。



The printing side of the connector ECN69 should be faced to the period module. And then,

(1). In unlocking cN17 (at the possission drown in a dotted Tine), insert the connector EJ201 toward CN7 in the direction of 0 +ill it stops.

(2). Keeping on the condition (1), s7ide the lock part of CN7 toward @ and fix it.

(3). The other side of the connector EJ201 at the part of CN89 should be inserted toward a firmly till it stops.

- <u>PT30対0(32") 総組布線図 仕様</u> (Specification for the final Assy wiring drawing for PT3 (32) chasis.) 1. 本図は、発酵希線圏をデし、本機様における配線の引き回しおよび接続は本図 によること。(This drawing shows the final Assy wiring drawing)

- As to the wiring strong shows the fram lasty wiring drawing.
  As to the wiring strong and the location of the connecter wires,
  2. 本國はセッド質面から見た図である。
  「Fig. 10 this drawing.)
  3. ロック機構付きコネクをはしっかリロックされるまで、その他のコネクをはポ
  ストの根元まで挿入すること。 (The connector with the lock mechanism should be locked together with its connector base tightly.)
  The other connector's should be inserted to the base of its post.
  4. コネクタの接続は下表による。 (As to the connection location of the connectors, see balow table.)
  From 機能

Fr	om	接続	1	0		Fr	om	d	7		
接続すべい	基板名	ケーブル	接続もイント	基板名	備考	Connection Paint		Cable	Comection Point		Remarks
CN69	電源ユニット	ECN69	CN7	n' +4 Dy 77	i	CN69	Power Unit	ECN69	CN7		ACMONTO
CN64	電源ユニット	ECN64	CN23	n' 24 Xsus		CN64	Tower Unit	ECN64	CN23	Panel Logic	<del></del>
CN65	電源エット	ECN65	CN33	n 14 Ysus		CN65	<del>- (-</del>	ECN65	CN33	Panel X sus	
CN67	電源ユニット	ECN67	CN52	n' ## L -ADR		CN67	<del> </del>	ECN67	CN52	Panel Ysus	<del> </del>
CN66	電源エット	ECN66	CN42	A A R-ADR		CN66	<del> </del>	ECN66		Pane 1 L-ADR	
CN68	電源ユニット	ECN68	CN6	n +4 Dy 77		CN68	Power Unit	ECN68	CN6	Panel R-ADR	
PAS1	SP (L)	EAS1	PAS1	信号/音声		PAS1	SP(L)	EAS1	PAS1	Panel Logic	
PAS2	SP (R)	EAS2	PAS2	信号/音声		PAS2	SP (R)	EAS2	PAS2	Signal/Sound	
PSC2	LED	ESC2	PSC2	信号/音声		PSC2	LED	ESC2	PSC2		
CN1	ハネルロシック	EDS	PDS	信号/音声		CN1	Panel Logic	EDS	PDS		
CN63	電源ユニット	ESU	PSU	信号/音声		CN63	Power Unit	ESU	PSU		
CNPPS	電源エット	EPS	PPS	信号/音声		CNPPS	FOWER Unit	EPS	PPS	<del></del>	
CNPPA	電源エフト	EPA	PPA	信号/音声		CNPPA	<del>  (                                   </del>	EPA			
CN61	電源ユニット	EPU1	PPU1	2414		CN61	B	EPU1	PPU1	Signal /Sound	
(Egpl)	12421	EI	PPU2	7489		(E90/)	Power Unit	EI	PPU2	Filter	
	AC 247F	ESW	PSW	7(6)	準備作業要	(=70/)	Inlet	ESW			
(E902)	12171	E902		シャシ金具	于明于未安	(E902)	AC Switch		PS₩		Reportion Wor
TP7	ハネルロシック	E904	PG2	信号/音声		(E902) TP7	Inlet	E902		Chassis France	
	1 11 19407 77	1,504	1 102	道与/官户	L	L 1P/	Panel Lasic	E904	PG2	Signal (Sound	

5. ネジ止めによるラグ端子ケーブル(E902, E904)取り付けの詳細は総組 Ass'y

- 西 (Was 359) による。

  (The defail drawing of fixing the coble with the lug terminal (E901, E906) with the screw is shown in the final drawing (Was 359))

  6. 図中(*) 節のリードクランプは、競対家たは指定のフェライトコアを通した

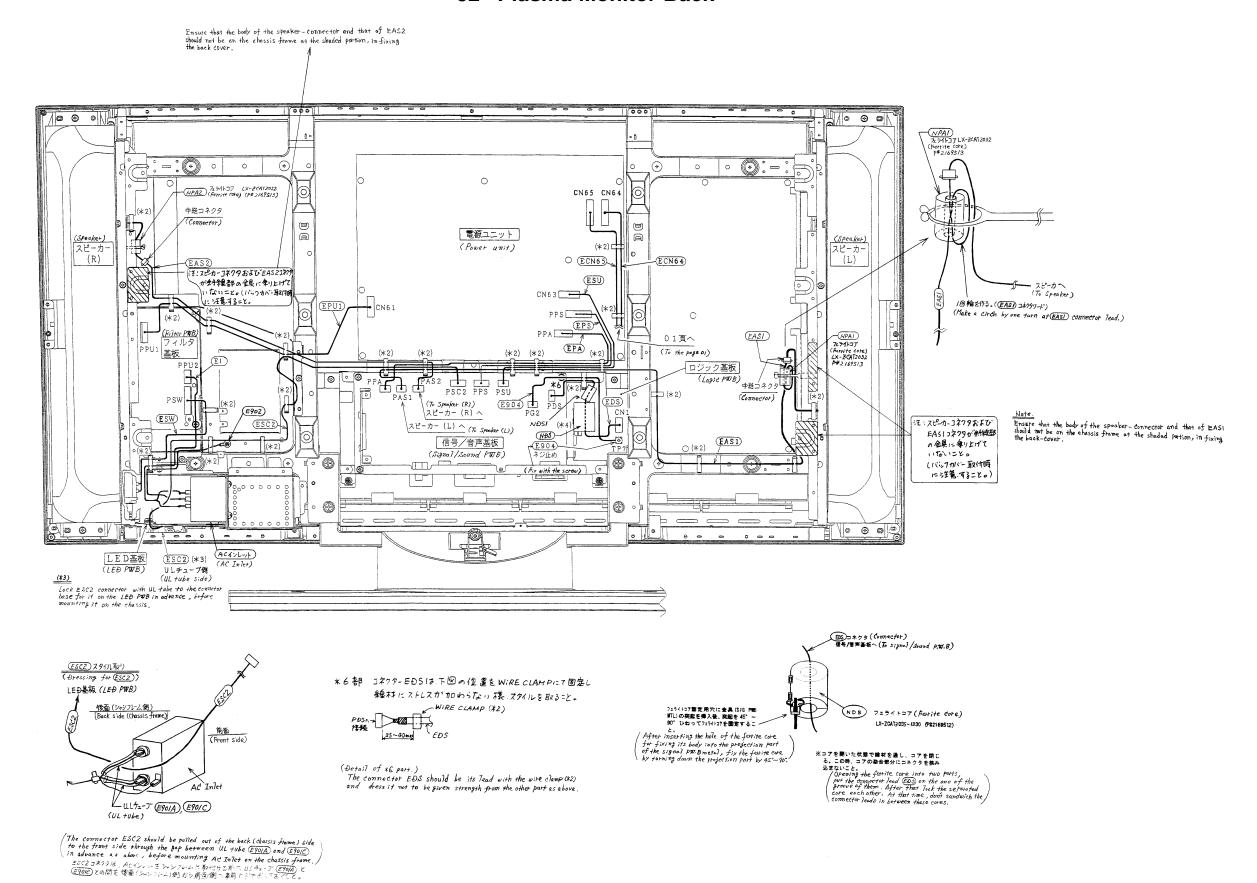
- B 四年(1) 節のリードランプは、観射家には地変のフェライトコアを通した 後観察にロックすると。

  (The lead clump marked (41) in this drawing should be locked firmly afther letting the uires or the ferrite cores into it.)

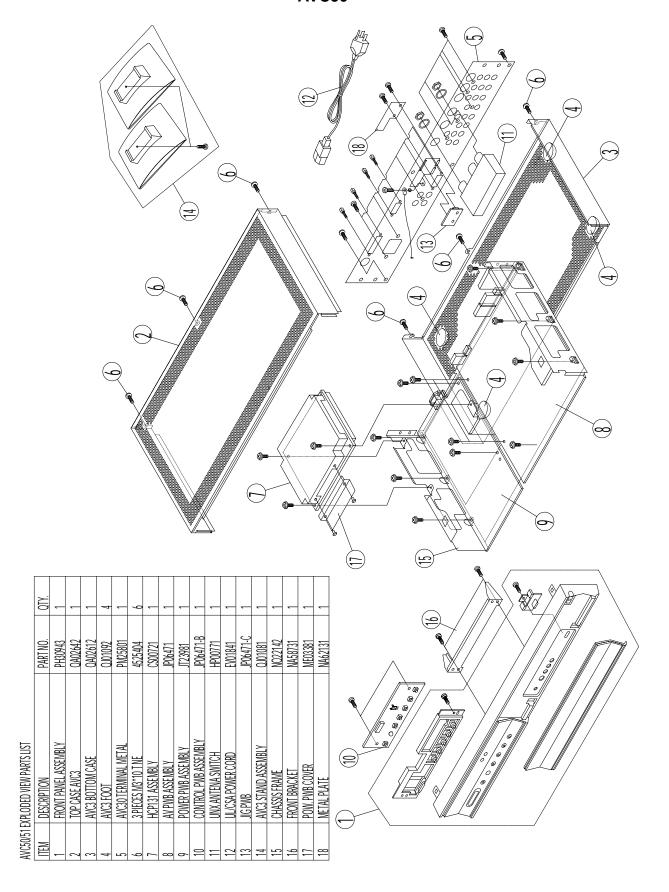
  つフラ機能のあるものに実際にロックすると。
  (The wires at the lead hilder marked(42) in this drawing should be firmly inside of it. And the lead hilder with the lack mechanism should be \$\frac{1}{2}\$ (If wires at the lead hilder marked(42) in this drawing should be firmly inside of it. And the lead hilder with the lack mechanism should be \$\frac{1}{2}\$ (If wires at the lead hilder marked(42) in this drawing should be firmly inside of it. And the lead hilder with the lack mechanism should be \$\frac{1}{2}\$ (If wires at the lead hilder marked(42) in this at 2000 to \$\frac{1}{2}\$ (Certain) of should be \$\frac{1}{2}\$ (Certain) of should be \$\frac{1}{2}\$ (Certain) of should be \$\frac{1}{2}\$ (Lock FECZ connector with UI but to the connector base for it on the LED PWB in advance, before mounting it on the chassis.)

  2. 22541-1728006 \$\frac{1}{2}\$ (In closing the fetrite case , lock is firmly fill is got click.)

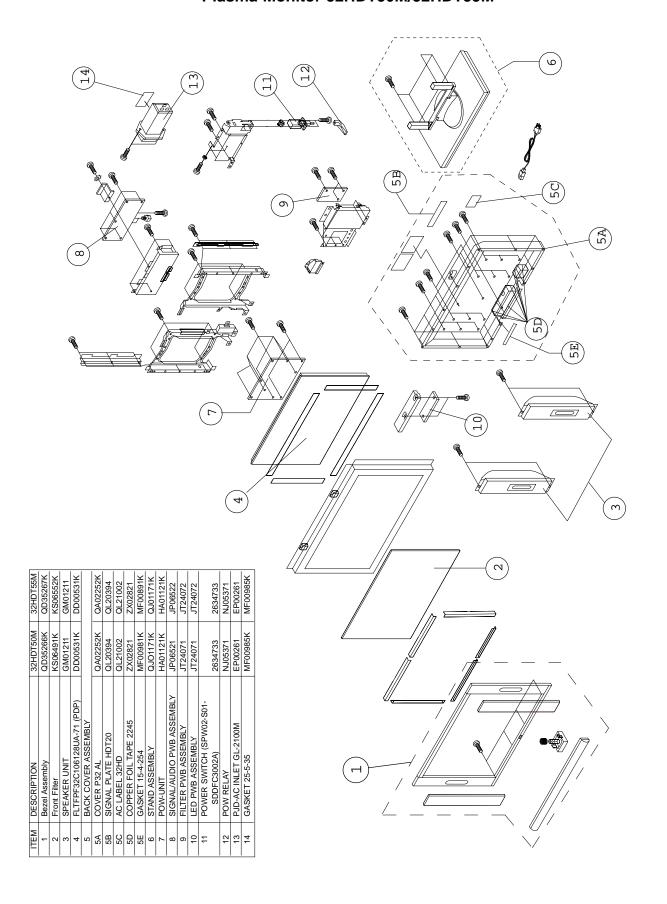
## PT3-E/G CHASSIS WIRING DRAWING 32" Plasma Monitor Back



## EXPLODED VIEW AVC50



## EXPLODED VIEW Plasma Monitor 32HDT50M/32HDT55M



## EXPLODED VIEW Plasma Monitor 42HDT50M/42HDT55M

TEMP ASSEMBLY   Q-2-DPT/ON   Q-2-DPT/ON	Frame Assembly   42HDT50M   1   Frame Assembly   2   Frame Assembly   3   Frame Assembly	42HDT55M	VSOREE1V	KSU6551K	DD00552K	T24072	1T24072	1006522	JF00022	2104072	EP00332	EV01841	PH31141	PC05361	2634733	GM01195	QJ01191K	GM01195	QA02503K JT24072
TIEM DESCRIPTION  1 Frame Assembly  2 Front Filter  3 PDP Panel Module  4 Power Unit  5 Speaker Terminal  6 Speaker Terminal  7 Signal-Audio PWB  8 Filter PWB  9 AC Inlet  10 AC Cord  11 Power Button Inlet  12 Power Button Inlet  13 Power Switch  14 Speaker Units  15 Speaker Units  16 Speaker Units  17 Back Cover Assembly  18 LED PWB  19 PWB	THE MASSERITION  THE MASSERITION  THE PROPERTY OF THE PARTY OF THE PAR		WEOGAOOK	KS06492K	DD0055ZK	_		t			EP00332	EV01841	PH31141	PC05361		1	T	1	ž
	Pip Panel Module Assembly by Mosembly by M	$\vdash$			t			t	t		$^{+}$	t	+	7		+	+	1	

### REPLACEMENT PARTS LIST

PRODUCT SERVICE NOTE: Components marked with a have special characteristics important to safety. Before replacing any of these components, read carefully, the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver through improper servicing.

#### **ABBREVIATIONS**

### Capacitors:

AL: Aluminum Electrolytic CD: Ceramic Disc EL: Electrolitic

EL: Electrolitic
PF: Polyester Film
PP: Polypropylene
PL: Plastic

TA: Tantalum PR: Paper TM: Trimmer MC: Mylar

### Resistors:

CF: Carbon Film
CC: Carbon Composition
MF: Metal Oxide
VR: Variable Resistor
WW: Wire Wound
FR: Fuse Resistor
MG: Metal Grazed

#### Semiconductors:

TR: Transistor
DI: Diode
ZD: Zener Diode
VA: Varistor
TH: Termistor
IC: Integrated Circuit

SYMBOL	PART	PART	SYMBOL	PART	PART
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
		AVC50 AV/CONTROL ASSY (P# JP06471)	C108	0800352R	CAPELECTRO.470UF10V
			C109	AA01802R	CCC103K50-B-16CT MCH18
		CAPACITORS	C110	0800352R	CAPELECTRO.470UF10V
C001	0800326R	CAPELECTRO. 100UF-M 16V	C111	AA01802R	CCC103K50-B-16CT MCH18
C002	0893232R	CAP1608CHIP100000PFZF25VTAPE	C114	AA01802R	CCC103K50-B-16CT MCH18
C003	0893208R	CAP1608CHIP1000PFKB50VTAPE	C116	AA01802R	CCC103K50-B-16CT MCH18
C004	0800279R	CAPELECTORO. 1.0UF-M(SMG) 50V	C117	0800352R	CAPELECTRO.470UF10V
C005	0893131R	CAP 1608CHIP 220PFJCH 50V TAPE	C118	AA01802R	CCC103K50-B-16CT MCH18
C008	0893104R	CAP 1608CHIP 2PFCCK 50V TAPE	C119	0893232R	CAP1608CHIP100000PFZF25VTAPE
C009	0893245R	CAP1608CHIP15000PFKB50VTAPE	C120	0800326R	CAPELECTRO. 100UF-M 16V
C013	AA01802R	CCC103K50-B-16CT MCH18	C202	0893232R	CAP1608CHIP100000PFZF25VTAPE
C014	AA01802R	CCC103K50-B-16CT MCH18	C204	0893232R	CAP1608CHIP100000PFZF25VTAPE
C015	0893208R	CAP1608CHIP1000PFKB50VTAPE	C205	0893232R	CAP1608CHIP100000PFZF25VTAPE
C016	0893131R	CAP 1608CHIP 220PFJCH 50V TAPE	C206	0893232R	CAP1608CHIP100000PFZF25VTAPE
C017	0800279R	CAPELECTORO. 1.0UF-M(SMG) 50V	C207	0800294R	CAPELECTRO. 10UF-M(SMG) 50V
C018	0893204R	CAP 1608CHIP 470PFKB 50V TAPE	C208	AA01802R	CCC103K50-B-16CT MCH18
C019	0893204R	CAP 1608CHIP 470PFKB 50V TAPE	C209	AA01802R	CCC103K50-B-16CT MCH18
C020	0800326R	CAPELECTRO. 100UF-M 16V	C210	0893232R	CAP1608CHIP100000PFZF25VTAPE
C021	0893232R	CAP1608CHIP100000PFZF25VTAPE	C211	0800326R	CAPELECTRO. 100UF-M 16V
C022	0800294R	CAPELECTRO. 10UF-M(SMG) 50V	C212	0893205R	CAP 1608CHIP 560PFKB 50V TAPE
C023	0800294R	CAPELECTRO. 10UF-M(SMG) 50V	C214	0800279R	CAPELECTORO. 1.0UF-M(SMG) 50V
C024	0893232R	CAP1608CHIP100000PFZF25VTAPE	C215	0893205R	CAP 1608CHIP 560PFKB 50V TAPE
C025	0893232R	CAP1608CHIP100000PFZF25VTAPE	C217	0800279R	CAPELECTORO. 1.0UF-M(SMG) 50V
C026	0800326R	CAPELECTRO. 100UF-M 16V	C218	0800326R	CAPELECTRO. 100UF-M 16V
C027	0800326R	CAPELECTRO. 100UF-M 16V	C219	0893232R	CAP1608CHIP100000PFZF25VTAPE
C084	0893232R	CAP1608CHIP100000PFZF25VTAPE	C222	0893232R	CAP1608CHIP100000PFZF25VTAPE
C085	AA01814R	CCC333K50-B-16CT	C223	0800326R	CAPELECTRO. 100UF-M 16V
C086	AA01814R	CCC333K50-B-16CT	C224	0893213R	CAP1608CHIP 2200PFKB 50VTAPE
C087	AA01802R	CCC103K50-B-16CT MCH18	C225	0893232R	CAP1608CHIP100000PFZF25VTAPE
C101	0800352R	CAPELECTRO.470UF10V	C227	0800318R	CAPELECTRO. 47UF-M 25V
C102	AA01802R	CCC103K50-B-16CT MCH18	C228	0893133R	CAP 1608CHIP 330PFJCH 50V TAPE
C105	AA01802R	CCC103K50-B-16CT MCH18	C229	AA01101R	CERAMIC CAPACITOR(1UF 10V-F)
C107	AA01802R	CCC103K50-B-16CT MCH18	C230	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)

PRODUCT SERVICE NOTE: Components marked with a have special characteristics important to safety. Before replacing any of these components, read carefully, the PRODUCT SAFETY NOTICE of this Service Manual. Don't degrade the safety of the receiver through improper servicing.

SYMBOL	PART	PART	SYMBOL	PART	PART
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
C231	0893232R	CAP1608CHIP100000PFZF25VTAPE	C425	0893232R	CAP1608CHIP100000PFZF25VTAPE
C232	0800326R	CAPELECTRO. 100UF-M 16V	C426	0800352R	CAPELECTRO.470UF 10V
C234	0800318R	CAPELECTRO. 47UF-M 25V	C427	0800344R	CAPELECTRO. 330UF-M(SMG) 16V
C235	0893133R	CAP 1608CHIP 330PFJCH 50V TAPE	C428	0800309R	CAPELECTRO 33UF-M(SMG) 25V
	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	C907	0800326R	CAPELECTRO. 100UF-M 16V
	AA01101R	CERAMIC CAPACITOR(1UF 10V-F)	C909	0893232R	CAP1608CHIP100000PFZF25VTAPE
	0893232R	CAP1608CHIP100000PFZF25VTAPE	C910	AA01814R	CCC333K50-B-16CT
C239	0800326R	CAPELECTRO. 100UF-M 16V	C911	0800326R	CAPELECTRO. 100UF-M 16V
C241	0800294R	CAPELECTRO. 10UF-M(SMG) 50V	C913	0893232R	CAP1608CHIP100000PFZF25VTAPE
C242	0800326R	CAPELECTRO. 100UF-M 16V	C914	0800326R	CAPELECTRO. 100UF-M 16V
C243	0893232R	CAP1608CHIP100000PFZF25VTAPE	C916	0893232R	CAP1608CHIP100000PFZF25VTAPE
C244	0893217R	CAP 1608CHIP 4700PFKB 50V TAPE	C917	0800326R	CAPELECTRO. 100UF-M 16V
C252	0893232R	CAP 1608CHIP 100000PFZF25VTAPE	C919	0893232R	CAP1608CHIP100000PFZF25VTAPE
C253	0893232R	CAP 1608CHIP 100000PFZF25VTAPE	C920	0800326R	CAPELECTRO. 100UF-M 16V
C254	0893232R	CAP 1608CHIP100000PFZF25VTAPE	C922	0893232R	CAP1608CHIP100000PFZF25VTAPE
C255	0800326R	CAP-ELECTRO. 100UF-M 16V	C923	0800326R	CAPACOSCHURACOCORPEZESSI/TARE
C256	0893232R	CAP1608CHIP100000PFZF25VTAPE	C925	0893232R	CAP 1608CHIP100000PFZF25VTAPE
	AA01814R AA01814R	CCC333K50-B-16CT CCC333K50-B-16CT	C926 C928	0800326R 0893232R	CAPELECTRO. 100UF-M 16V CAP1608CHIP100000PFZF25VTAPE
	AA01814R AA00931R	CAP. CERAMIC 2012 (1UF 10V)	C928 C929	0800326R	CAPELECTRO. 100UF-M 16V
C259 C260	0893232R	CAP1608CHIP100000PFZF25VTAPE	CJ03	0800326R 0800326R	CAPELECTRO. 1000F-M 16V
C261	AA01814R	CCC333K50-B-16CT	CJ03	0893232R	CAP1608CHIP100000PFZF25VTAPE
	AA01814R	CCC333K50-B-16CT	CJ09	0800294R	CAPELECTRO. 10UF-M(SMG) 50V
	AA00931R	CAP. CERAMIC 2012 (1UF 10V)	CJ10	AA01802R	CCC103K50-B-16CT MCH18
C268	0893217R	CAP 1608CHIP 4700PFKB50VTAPE	CJ11	0893126R	CAP 1608CHIP 100PFJCH 50V TAPE
	AA01802R	CCC103K50-B-16CT MCH18	CJ12	0893126R	CAP 1608CHIP 100PFJCH 50V TAPE
	0800294R	CAPELECTRO. 10UF-M(SMG) 50V	CJ13	0893126R	CAP 1608CHIP 100PFJCH 50V TAPE
	AA01802R	CCC103K50-B-16CT MCH18	CJ14	0893232R	CAP1608CHIP100000PFZF25VTAPE
C272	0893208R	CAP1608CHIP1000PFKB50VTAPE	CJ16	0893232R	CAP1608CHIP100000PFZF25VTAPE
C273	0893208R	CAP 1608CHIP 1000PFKB 50V TAPE	CJ17	0893232R	CAP1608CHIP100000PFZF25VTAPE
C274	0800326R	CAPELECTRO. 100UF-M 16V	CJ18	0800294R	CAPELECTRO. 10UF-M(SMG) 50V
C275	0893232R	CAP1608CHIP100000PFZF25VTAPE	CJ19	0893232R	CAP1608CHIP100000PFZF25VTAPE
C404	AA00951R	CERAMIC CAPACITOR(1.0UF 16V)	CJ20	0893232R	CAP1608CHIP100000PFZF25VTAPE
	AA00951R	CERAMIC CAPACITOR(1.0UF 16V)	CJ21	0800294R	CAPELECTRO. 10UF-M(SMG) 50V
C405	0800317R	CAPELECTRO. 47UF-M(SMG) 16V	CJ22	0893232R	CAP1608CHIP100000PFZF25VTAPE
C406	0800326R	CAPELECTRO. 100UF-M 16V	CJ23	0800294R	CAPELECTRO. 10UF-M(SMG) 50V
C407	0893232R	CAP1608CHIP100000PFZF25VTAPE	CJ24	0893232R	CAP1608CHIP100000PFZF25VTAPE
C408	0893232R	CAP1608CHIP100000PFZF25VTAPE	CJ25	0800294R	CAPELECTRO. 10UF-M(SMG) 50V
C409	0800294R	CAPELECTRO. 10UF-M(SMG) 50V	CJ26	0893232R	CAP1608CHIP100000PFZF25VTAPE
C409A	0800294R	CAPELECTRO. 10UF-M(SMG) 50V	CJ27	0800294R	CAPELECTRO. 10UF-M(SMG) 50V
C410	0800294R	CAPELECTRO. 10UF-M(SMG) 50V	CJ28	0893232R	CAP1608CHIP100000PFZF25VTAPE
C410A C411	0800294R	CAPELECTRO. 10UF-M(SMG) 50V	CJ29	0800294R	CAPELECTRO. 10UF-M(SMG) 50V CAP1608CHIP100000PFZF25VTAPE
C411A	0284634R 0284634R	CAPELECTRO 4.7UF-SME(BP) 50V CAPELECTRO 4.7UF-SME(BP) 50V	CJ30 CJ31	0893232R 0893232R	CAP1608CHIP100000PFZF25VTAPE
	0204034R AA00951R	CERAMIC CAPACITOR(1.0UF 16V)	CJ31 CJ32	0893232R 0893232R	CAP1608CHIP100000PFZF25VTAPE
		CERAMIC CAPACITOR(1.0UF 16V)	CJ32 CJ33	0893232R 0893232R	CAP1608CHIP100000PFZF25VTAPE
C412A C413	0800288R	CAPELECTRO. 4.7UF-M(SMG) 50V	CJ33 CJ34	0800294R	CAPELECTRO. 10UF-M(SMG) 50V
C414	0893232R	CAP1608CHIP100000PFZF25VTAPE	CJ35	0893232R	CAP1608CHIP100000PFZF25VTAPE
C415	0800326R	CAPELECTRO. 100UF-M 16V	CJ36	0800326R	CAPELECTRO. 100UF-M 16V
C416	0800294R	CAPELECTRO. 10UF-M(SMG) 50V	CJ37	0893232R	CAP1608CHIP100000PFZF25VTAPE
C417	0800294R	CAPELECTRO. 10UF-M(SMG) 50V	CJ38	0893232R	CAP1608CHIP100000PFZF25VTAPE
C418	0893232R	CAP1608CHIP100000PFZF25VTAPE	CJ39	0800294R	CAPELECTRO. 10UF-M(SMG) 50V
C419	AA00951R	CERAMIC CAPACITOR(1.0UF 16V)	CJ40	0893232R	CAP1608CHIP100000PFZF25VTAPE
C419A	AA00951R	CERAMIC CAPACITOR (1.0UF 16V)	CJ41	0893232R	CAP1608CHIP100000PFZF25VTAPE
C420	0800352R	CAPELECTRO.470UF 10V	CJ42	0893232R	CAP1608CHIP100000PFZF25VTAPE
C420A	0800352R	CAPELECTRO.470UF10V	CJ43	0800318R	CAPELECTRO. 47UF-M 25V
C421	0800326R	CAPELECTRO. 100UF-M 16V	CJ44	0893232R	CAP1608CHIP100000PFZF25VTAPE
C422	0893232R	CAP1608CHIP100000PFZF25VTAPE	CJ45	0800326R	CAPELECTRO. 100UF-M 16V
C423	0800294R	CAPELECTRO. 10UF-M(SMG) 50V	CJ46	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)
C424	AA00951R	CERAMIC CAPACITOR(1.0UF 16V)	CJ47	AA01814R	CCC333K50-B-16CT

SYMBOL	PART	PART	SYMBOL	PART	PART
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
CJ48	0800326R	CAPELECTRO. 100UF-M 16V	CW20	AA01814R	CCC333K50-B-16CT
CJ49	AA01814R	CCC333K50-B-16CT	CW21	0800294R	CAPELECTRO. 10UF-M(SMG) 50V
CJ50	0800358R	CAPELECTRO. 1000UF-M 6.3V	CW22	AA01814R	CCC333K50-B-16CT
CJ51	AA01814R	CCC333K50-B-16CT	CW23	AA01814R	CCC333K50-B-16CT
CM01	AD00428R	CEC101M10-EWCT	CW24	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)
CM02	AA01802R	CCC103K50-B-16CT MCH18	CW26	AA01802R	CCC103K50-B-16CT MCH18
CM25	AA01802R	CCC103K50-B-16CT MCH18	CW27	0800294R	CAPELECTRO. 10UF-M(SMG) 50V
CM26	AD00428R	CEC101M10-EWCT	CW28	0893119R	CAP 1608CHIP 33PFJCH 50V TAPE
CM27	0893131R	CAP 1608CHIP 220PFJCH 50V TAPE	CW29	0800326R	CAPELECTRO. 100UF-M 16V
CM28	AA01814R	CCC333K50-B-16CT	CW30	0893111R	CAP 1608CHIP 8PFCCH 50V TAPE
CM29	0893126R	CAP 1608CHIP 100PFJCH 50V TAPE	CW31	AA01802R	CCC103K50-B-16CT MCH18
CM30	AA00422R	CERAMIC CAPACITOR(10UF 16V)	CW32	AA01814R	CCC333K50-B-16CT
CM31	AA00358R	CAP 3216 CHIP 1.0UFKB 16V TAPE	CW33	0893119R	CAP 1608CHIP 33PFJCH 50V TAPE
CM32	AD00439R	CEC470M16-EWCT	CW34	0800326R	CAPELECTRO. 100UF-M 16V
CRX76	0893245R	CAP 1608CHIP 15000PFKB 50V TAPE	CW39	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)
CV01	AA01802R	CCC103K50-B-16CT MCH18	CW40	AA00964R	CERAMIC CAPACITOR(2.2UF 6.3V)
CV02	0800326R	CAPELECTRO. 100UF-M 16V	CW41	AA01814R	CCC333K50-B-16CT
CV03	0800294R	CAPELECTRO. 10UF-M(SMG) 50V	CW42	0800326R	CAPELECTRO. 100UF-M 16V
CV05	0893111R	CAP 1608CHIP 8PFCCH 50V TAPE	CW43	AA01814R	CCC333K50-B-16CT
CV06	AA01802R	CCC103K50-B-16CT MCH18	CW44	0800326R	CAPELECTRO. 100UF-M 16V
CV08	AA01802R	CCC103K50-B-16CT MCH18	CW45	0893208R	CAP 1608CHIP 1000PFKB 50V TAPE
CV09	0800326R	CAPELECTRO. 100UF-M 16V	CW48	0800326R	CAPELECTRO. 100UF-M 16V
CV10	AA01802R	CCC103K50-B-16CT MCH18	CW49	AA01814R	CCC333K50-B-16CT
CV11	AA01802R	CCC103K50-B-16CT MCH18	CW50	0893115R	CAP 1608CHIP 15PFJCH 50V TAPE
CV12	AA01802R	CCC103K50-B-16CT MCH18	CW51	0893123R	CAP 1608CHIP 56PFJCH 50V TAPE
CV13	0800326R	CAPELECTRO. 100UF-M 16V	CW52	0893115R	CAP 1608CHIP 15PFJCH 50V TAPE
CV14	AA01802R	CCC103K50-B-16CT MCH18	CW53	AA01814R	CCC333K50-B-16CT
CV15	AA01802R	CCC103K50-B-16CT MCH18	CW54	AA01814R	CCC333K50-B-16CT
CV16	AA01802R	CCC103K50-B-16CT MCH18	CW55	AA01814R	CCC333K50-B-16CT
CV17	AA01814R	CCC333K50-B-16CT	CW56	0800326R	CAPELECTRO. 100UF-M 16V
CV18	0800352R	CAPELECTRO.470UF10V	CW57	AA01814R	CCC333K50-B-16CT
CV19	0893129R	CAP 1608CHIP 180PFJCH 50V TAPE	CW58	0800326R	CAPELECTRO. 100UF-M 16V
CV20	AA01802R	CCC103K50-B-16CT MCH18	CW59	AA01814R	CCC333K50-B-16CT
CV21	0893127R	CAP 1608CHIP 120PFJCH50V TAPE	CW60	AA01814R	CCC333K50-B-16CT
CV22	AA00951R	CERAMIC CAPACITOR(1.0UF 16V)	CW61	AA01802R	CCC103K50-B-16CT MCH18
CV23	0800318R	CAPELECTRO. 47UF-M 25V	CW62	AA01814R	CCC333K50-B-16CT
CV24	0893118R	CAP 1608CHIP 27PFJCH 50V TAPE	CW63	0800326R	CAPELECTRO. 100UF-M 16V
CV25	0893115R	CAP 1608CHIP 15PFJCH 50V TAPE	CW64	AA01814R	CCC333K50-B-16CT
CV26	0893111R	CAP 1608CHIP 8PFCCH 50V TAPE	CW65	AA01814R	CCC333K50-B-16CT
CV27	AA01814R	CCC333K50-B-16CT	CW66	AA01814R	CCC333K50-B-16CT
CV28	0800326R	CAPELECTRO. 100UF-M 16V	CX01	AA00951R	CERAMIC CAPACITOR(1.0UF 16V)
CW01	0800294R	CAPELECTRO. 10UF-M(SMG) 50V	CX02	AA00951R	CERAMIC CAPACITOR(1.0UF 16V)
CW02	AA00951R	CERAMIC CAPACITOR(1.0UF 16V)	CX03	AA00951R	CERAMIC CAPACITOR(1.0UF 16V)
CW03	0893115R	CAP 1608CHIP 15PFJCH 50V TAPE	CX04	AA00951R	CERAMIC CAPACITOR(1.0UF 16V)
CW04	0893123R	CAP 1608CHIP 56PFJCH 50V TAPE	CX05	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)
CW05	0893115R	CAP 1608CHIP 15PFJCH 50V TAPE	CX06	AA00951R	CERAMIC CAPACITOR(1.0UF 16V)
CW06	AA00362R	CAP.CHIP-CERAMIC 2.2UF 16V TAPE	CX07	AA00951R	CERAMIC CAPACITOR(1.0UF 16V)
CW07	AA00362R	CAP.CHIP-CERAMIC 2.2UF 16V TAPE	CX08	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)
CW08	0800294R	CAPELECTRO. 10UF-M(SMG) 50V	CX09	AA01814R	CCC333K50-B-16CT
CW09	AA01802R	CCC103K50-B-16CT MCH18	CX10	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)
CW10	0800326R	CAPELECTRO. 100UF-M 16V	CX11	AA00951R	CERAMIC CAPACITOR(1.0UF 16V)
CW11	AA01802R	CCC103K50-B-16CT MCH18	CX12	AA00951R	CERAMIC CAPACITOR(1.0UF 16V)
CW12	AA00358R	CAP 3216 CHIP 1.0UFKB 16V TAPE	CX13	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)
CW13	0893204R	CAP 1608CHIP 470PFKB 50V TAPE	CX14	AA01814R	CCC333K50-B-16CT
CW14	0800294R	CAPELECTRO. 10UF-M(SMG) 50V	CX15	0800294R	CAPELECTRO. 10UF-M(SMG) 50V
CW15	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	CX16	0800294R	CAPELECTRO. 10UF-M(SMG) 50V
CW16	AA01814R	CCC333K50-B-16CT	CX17	0800294R	CAPELECTRO. 10UF-M(SMG) 50V
CW17	AA01814R	CCC333K50-B-16CT	CX18	0800294R	CAPELECTRO. 10UF-M(SMG) 50V
CW18	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	CX19	0800326R	CAPELECTRO. 100UF-M 16V
CW19	AA01814R	CCC333K50-B-16CT	CX20	AA01814R	CCC333K50-B-16CT

SYMBOL	PART	PART	SYMBOL	PART	PART
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
CX21	0800352R	CAPELECTRO.470UF10V	CXC4	AA00966R	CERAMIC CAPACITOR(4.7UF 6.3V)
CX22	0800352R	CAPELECTRO.470UF10V	CXD4	AA01814R	CCC333K50-B-16CT
	AA01802R	CCC103K50-B-16CT MCH18	CXD5	0800326R	CAPELECTRO. 100UF-M 16V
CX28	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	CXE4	0800326R	CAPELECTRO. 100UF-M 16V
	AA00951R	CERAMIC CAPACITOR(1.0UF 16V)	CXE5	AA01814R	CCC333K50-B-16CT
CX30	AA00951R	CERAMIC CAPACITOR(1.0UF 16V)	CXE6	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)
CX31		CERAMIC CAPACITOR(1.0UF 6.3V)	CZ01	0800353R	CAPELECTRO.470UF-M16V
CX32		CERAMIC CAPACITOR(1.0UF 16V)	CZ02	AA01814R	CCC333K50-B-16CT
CX33	AA00951R	CERAMIC CAPACITOR(1.0UF 16V)	CZ03	AA01814R	CCC333K50-B-16CT
CX36	AA01814R	CCC333K50-B-16CT	CZ04	AA01814R	CCC333K50-B-16CT
	AA01814R	CCC333K50-B-16CT	CZ05	AA01814R	CCC333K50-B-16CT
		CERAMIC CAPACITOR(1.0UF 16V)	CZ06	0800279R	CAPELECTORO. 1.0UF-M(SMG) 50V
CX39	0800326R 0800294R	CAPELECTRO. 100UF-M16V	CZ07 CZ10	AA01802R AA01814R	CCC103K50-B-16CT MCH18
CX40 CX42	0800294R AA01814R	CAPELECTRO. 10UF-M(SMG) 50V CCC333K50-B-16CT	CZ10 CZ11	0800326R	CCC333K50-B-16CT CAPELECTRO. 100UF-M 16V
		CERAMIC CAPACITOR(1.0UF 6.3V)	CZ11 CZ12	AA01814R	CCC333K50-B-16CT
CX44		CERAMIC CAPACITOR(1.00F 6.3V)	CZ12 CZ13	AA01814R AA01814R	CCC333K50-B-16CT
	AA00951R AA00951R	CERAMIC CAPACITOR(1.00F 16V)	CZ13 CZ14	AA01814R AA01814R	CCC333K50-B-16CT
CX45 CX46	AA00951R AA01111R	CERAMIC CAPACITOR (1.00F 16V) CERAMIC CAPACITOR (1.00F 6.3V)	CZ14 CZ15	AA01802R	CCC103K50-B-16CT MCH18
	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	CZ16	0800326R	CAPELECTRO. 100UF-M 16V
	AA01814R	CCC333K50-B-16CT	CZ17	AA01814R	CCC333K50-B-16CT
CX53		CAPELECTRO. 100UF-M 16V	CZ18	0800282R	CAPELECTORO. 2.2UF-M(SMG) 50V
CX54		CERAMIC CAPACITOR(1.0UF 6.3V)	CZ19	0893213R	CAP1608CHIP 2200PFKB50VTAPE
CX55	AA01814R	CCC333K50-B-16CT	CZ20	0893114R	CAP 1608CHIP 12PFJCH 50V TAPE
CX56	AA01814R	CCC333K50-B-16CT	CZ21	AA01814R	CCC333K50-B-16CT
CX83	0893131R	CAP 1608CHIP 220PFJCH 50V TAPE	CZ22	0800353R	CAPELECTRO.470UF-M16V
CX84	0893131R	CAP 1608CHIP 220PFJCH 50V TAPE	CZ23	AA01814R	CCC333K50-B-16CT
CX85	0893208R	CAP1608CHIP1000PFKB50VTAPE	CZ24	AA01814R	CCC333K50-B-16CT
CX86	0893208R	CAP1608CHIP1000PFKB50VTAPE	CZ25	AA01814R	CCC333K50-B-16CT
CX87	0893208R	CAP1608CHIP1000PFKB50VTAPE	CZ26	AA01814R	CCC333K50-B-16CT
CX88	0893208R	CAP1608CHIP1000PFKB50VTAPE	CZ27	0800279R	CAPELECTORO. 1.0UF-M(SMG) 50V
CX89	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	CZ28	AA01802R	CCC103K50-B-16CT MCH18
CX90		CERAMIC CAPACITOR(1.0UF 6.3V)	CZ31	AA01814R	CCC333K50-B-16CT
CX91		CERAMIC CAPACITOR(1.0UF 6.3V)	CZ32	AA01814R	CCC333K50-B-16CT
CX92		CERAMIC CAPACITOR(1.0UF 6.3V)	CZ33	AA01814R	CCC333K50-B-16CT
	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	CZ34	AA01802R	CCC103K50-B-16CT MCH18
	AA01111R	CERAMIC CAPACITOR (1.0UF 6.3V)	CZ35	0800326R	CAPELECTRO. 100UF-M 16V
	AA01111R AA00951R	CERAMIC CAPACITOR(1.0UF 6.3V) CERAMIC CAPACITOR(1.0UF 16V)	CZ36 CZ37	0800282R	CAP-ELECTORO. 2.2UF-M(SMG) 50V
CX96 CX99	0800326R	CAPELECTRO. 100UF-M 16V	CZ37 CZ38	0893213R 0893114R	CAP1608CHIP 2200PFKB50VTAPE CAP1608CHIP 12PFJCH50VTAPE
CXA1		CCC333K50-B-16CT	CZ38 CZ39	AA01814R	CCC333K50-B-16CT
CXA2		CCC333K50-B-16CT	CZ40	AA01814R	CCC333K50-B-16CT
CXA3	AA01814R	CCC333K50-B-16CT	CZ41	AA01802R	CCC103K50-B-16CT MCH18
CXA4	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	CZ42	0893123R	CAP 1608CHIP 56PFJCH 50V TAPE
		CERAMIC CAPACITOR(1.0UF 6.3V)	CZ43	AA01814R	CCC333K50-B-16CT
		CERAMIC CAPACITOR(1.0UF 6.3V)	CZ44		CCC103K50-B-16CT MCH18
CXA7	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	CZ45	0800326R	CAPELECTRO. 100UF-M 16V
CXA8		CERAMIC CAPACITOR (1.0UF 6.3V)	CZ46	AA01814R	CCC333K50-B-16CT
CXB1	AA00966R	CERAMIC CAPACITOR (4.7UF 6.3V)	CZ47	AA01802R	CCC103K50-B-16CT MCH18
CXB2	AA00966R	CERAMIC CAPACITOR(4.7UF 6.3V)	CZ48	0893123R	CAP 1608CHIP 56PFJCH 50V TAPE
CXB3	AA00966R	CERAMIC CAPACITOR(4.7UF 6.3V)	CZ49	AA01814R	CCC333K50-B-16CT
CXB4	AA00966R	CERAMIC CAPACITOR(4.7UF 6.3V)	CZ50	AA01802R	CCC103K50-B-16CT MCH18
CXB5	AA00966R	CERAMIC CAPACITOR(4.7UF 6.3V)	CZ60	AA01814R	CCC333K50-B-16CT
CXB6	AA00966R	CERAMIC CAPACITOR(4.7UF 6.3V)	CZ62	AA01814R	CCC333K50-B-16CT
CXB7	AA00966R	CERAMIC CAPACITOR(4.7UF 6.3V)	CZ63	0893114R	CAP 1608CHIP 12PFJCH 50V TAPE
CXB8	AA00966R	CERAMIC CAPACITOR(4.7UF 6.3V)	CZ64	AA01814R	CCC333K50-B-16CT
CXB9		CCC333K50-B-16CT	CZ65	AA01814R	CCC333K50-B-16CT
CXC1	AA00966R	CERAMIC CAPACITOR (4.7UF 6.3V)	CZ66	AA01814R	CCC333K50-B-16CT
CXC2		CERAMIC CAPACITOR (4.7 UF 6.3 V)	CZ67	AA01814R	CCC333K50-B-16CT
CXC3	AA00966R	CERAMIC CAPACITOR(4.7UF 6.3V)	CZ68	AA01814R	CCC333K50-B-16CT

SYMBOL	DADT	PART	SYMBOL	PART	PART
NO.	PART NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
CZ69	0800326R	CAPELECTRO. 100UF-M 16V	D402	CH02021M	DIODE 1SS133 T-72
CZ70	AA01814R	CCC333K50-B-16CT	D403	2331771M	ZENER HZ-3A1 TAPE
CZ71	AA01814R	CCC333K50-B-16CT	D403A	2331771M	ZENER HZ-3A1 TAPE
CZ72	AA01814R	CCC333K50-B-16CT	D404	2348112M	ZENER DIODE MTZ-J5.6B
CZ73	AA01814R	CCC333K50-B-16CT	D405	CH02021M	DIODE 1SS133 T-72
CZ77		CAPELECTRO. 100UF-M 16V	D406	CH02021M	DIODE 1SS133 T-72
CZ78	AA01151R	CERAMIC CAPACITOR(10UF 10V)	D407	2344041M	DIODE1SS254TA/1SS270TA
CZ79	AA01151R	CERAMIC CAPACITOR (10UF 10V)	D408	CH02021M	DIODE1SS133T-72
CZ80	AA01151R	CERAMIC CAPACITOR(10UF 10V)	DJ01	2331849M	ZENER HZ12C3 (TA) SI 500MW
CZ81	0893213R	CAP1608CHIP 2200PFKB50VTAPE	DJ02	2331849M	ZENER HZ12C3 (TA) SI 500MW
CZ82	AA01151R	CERAMIC CAPACITOR(10UF 10V)	DJ03	2331849M	ZENER HZ12C3 (TA) SI 500MW
CZ83	AA01151R	CERAMIC CAPACITOR(10UF 10V)	DJ04	CC10721R	DIODE CHIP DA204K-TPTX
CZ84	AA01151R	CERAMIC CAPACITOR(10UF 10V)	DJ05	CC10721R	DIODE CHIP DA204K-TPTX
CZ85	AA01151R	CERAMIC CAPACITOR(10UF 10V)	DJ06	CC10721R	DIODE CHIP DA204K-TPTX
CZ86		CERAMIC CAPACITOR(10UF 10V)	DJ07	CC10721R	DIODE CHIP DA204K-TPTX
CZ87	AA01814R	CCC333K50-B-16CT	DJ08	2344041M	DIODE1SS254TA/1SS270TA
CZ88		CAPELECTRO. 100UF-M 16V	DJ09	2331809M	ZENER DIODE HZ-6 TAPE (C3) SI 500MW
CZ89		CERAMIC CAPACITOR(10UF 10V)	DJ10	2344041M	DIODE1SS254TA/1SS270TA
CZ90		CAP 1608CHIP 27PFJCH 50V TAPE	DJ11	2344041M	DIODE1SS254TA/1SS270TA
CZ91	0893125R	CAP 1608CHIP 82PFJCH 50V TAPE	DJ12	2344041M	DIODE1SS254TA/1SS270TA
CZ92		CAP 1608CHIP 100PFJCH 50V TAPE	DJ13	CC10721R	DIODE CHIP DA204K-TPTX
CZ93		CAP 1608CHIP 100PFJCH 50V TAPE	DJ14	CC10721R	DIODE CHIP DA204K-TPTX
CZ94		CAP 1608CHIP 100PFJCH 50V TAPE	DJ15	CC10721R	DIODE CHIP DA204K-TPTX
CZ95		CAP 1608CHIP 100PFJCH 50V TAPE	DJ16	CC10721R	DIODE CHIP DA204K-TPTX
CZ96		CAPELECTRO. 100UF-M 16V	DM01	CH02031R	DIODE SPR-505MVW
CZ97		CCC333K50-B-16CT	DM02	CH02721	PHOTO DIODE PNZ313B DIODE1SS254TA/1SS270TA
CZ98 CZ99		CAP 1608CHIP 100PFJCH 50V TAPE CAP1608CHIP 2200PFKB 50V TAPE	DM14 DX01	2344041M 2331771M	ZENER HZ-3A1 TAPE
CZ99 CZA1	AA01814R	CCC333K50-B-16CT	DX01 DX02	2331771M 2331771M	ZENER HZ-3A1 TAPE
CZA1		CCC333K50-B-16CT	DX02	CH02021M	DIODE 1SS133T-72
CZA2	AA01814R AA01814R	CCC333K50-B-16CT	DX06	CH02021M	DIODE 188133T-72
CZA4		CCC333K50-B-16CT	DX07	CH02021M	DIODE 1SS133T-72
CZA5		CCC333K50-B-16CT	DZ01	CH02021M	DIODE 1SS133T-72
CZA6		CCC333K50-B-16CT	DZ02	CH02021M	DIODE 1SS133T-72
CZA7		CERAMIC CAPACITOR(10UF 10V)	DZ03	CH02021M	DIODE 1SS133 T-72
CZA8		CERAMIC CAPACITOR(10UF 10V)	DZ04	CH02021M	DIODE 1SS133 T-72
CZA9		CERAMIC CAPACITOR (10UF 10V)			
CZB1	0800326R	CAPELECTRO. 100UF-M 16V			UNITS
CZB2	AA01814R	CCC333K50-B-16CT	HM01	CZ01091	GP1UA261XK
CZB3	AA01814R	CCC333K50-B-16CT	U101	HC00512	F/E ENGE6106DR
CZB4	AA01814R	CCC333K50-B-16CT	U102	HC00463	F/EENG36614GR
CZB5	AA01814R	CCC333K50-B-16CT			
CZB6		CAP 1608CHIP 82PFJCH 50V TAPE			INTEGRATED CIRCUITS
CZB7	AA01814R	CCC333K50-B-16CT	1001	CK38641U	IC M306V7FHFP-FLASH
			1002	CK37051R	ANALOG MONOLITHIC IC(BD4729G)
		DIODES	1003	CK35894R	IC CAT24WC32J1
D101	2339971M	ZENER HZS33-1 TA	1004	CK31992R	IC BU4053BCF
D102	2339971M	ZENER HZS33-1 TA	1201	CK31992R	IC BU4053BCF
D201		DIODE 1SS133T-72	1202	CK37412U	IR BLASTER MASK S3C80F9XKN-QZR7
D202		DIODE 1SS133T-72	1203	CK32271R	DIGITAL MONOLITHIC IC (MC74VHCT244ADTR2)
D203		DIODE 1SS133T-72	1204	CK31992R	IC BU4053BCF
D205		DIODE 188133T-72	1206	CK32271R	DIGITAL MONOLITHIC IC (MC74VHCT244ADTR2)
D206		DIODE 188133T-72	1207	CK01172R	HD74HC221FPEL
D207		DIODE 188133T-72	1208	CK35893R CK31991R	IC CAT24WC16J1
D208		DIODE 198133T-72	1401 1402	CR31991R CP02601	ANALOG MONOLITHIC IC BU4052BCF-E2
D209 D210		DIODE 1SS133T-72 DIODE 1SS133T-72	1402 1403	CK31031R	AN5285K ICBA3530FS-E2
		DIODE 188133 1-72 DIODE 188133 T-72	1403 1904	CK31031R CK37212R	MONO IC TK11125CSCL
D211 D401		ZENER HZ-3A1 TAPE	1904 1905	CK37212R CK37194R	MONO IC SI-3050LSA-TL
D401A	2331771M 2331771M	ZENER HZ-3A1 TAPE ZENER HZ-3A1 TAPE	1905	CK37194R CK37194R	MONO IC SI-3050LSA-TL
2 10 17 1				C/10/ 10-11	

SYMBOL	PART	PART	SYMBOL	PART	PART
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
Q227	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QW03	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
Q228	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QW04	CA11271R	TRS2SA1037AKT146RS
Q229	CF02781R	TRS. KTC200YAT	QW05	CA11271R	TRS2SA1037AKT146RS
Q231	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QW06	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
Q232	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QW07	CA11271R	TRS 2SA1037AK T146 RS
Q233	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QW08	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
Q234	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QW09	CA11271R 2325691R	TRS 2SA1037AKT146 RS
Q235 Q236	2325691R 2325691R	TRS CHIP 2SC2412K(Q/R TYPE) TRS CHIP 2SC2412K(Q/R TYPE)	QW10 QW11	CA11271R	TRS CHIP 2SC2412K(Q/R TYPE) TRS 2SA1037AKT146RS
Q230 Q241	2325691R 2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QW11	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
Q242	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QW13	CA11271R	TRS 2SA1037AKT146 RS
Q246	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QW14	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
Q247	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QW15	CA11271R	TRS2SA1037AKT146RS
Q248	CF02771R	TRS.KTA1270	QW17	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
Q249	CF02771R	TRS.KTA1270	QW18	CA11271R	TRS2SA1037AKT146RS
Q250	CA11271R	TRS2SA1037AKT146RS	QX01	CA00461R	TRS.CHIP 2SD2114K 20V TAPE
Q251	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QX02	CA00461R	TRS.CHIP2SD2114K20VTAPE
Q252	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QX03	CF02781R	TRS.KTC200YAT
Q253	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QX04	CF02781R	TRS.KTC200YAT
Q254	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QX05	CF02781R	TRS.KTC200YAT
Q403	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QX08	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
Q403A	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QX12	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
Q404	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QX13	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
Q405	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QX14	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
Q406	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QX15	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
Q406A	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QX16	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
Q407	CA00461R	TRS.CHIP 2SD2114K 20V TAPE	QX17	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
Q407A	CA00461R	TRS.CHIP 2SD2114K20V TAPE	QX21	CA11271R	TRS2SA1037AKT146RS
Q408	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QX22	CA11271R	TRS2SA1037AKT146RS
Q408A Q409	2325691R CA00461R	TRS CHIP 2SC2412K(Q/R TYPE) TRS.CHIP 2SD2114K 20V TAPE	QX23 QX24	CA11271R	TRS 2SA1037AKT146RS TRS 2SA1037AKT146RS
Q409 Q409A	CA00461R CA00461R	TRS.CHIP 2SD2114K20V TAPE	QX24 QX25	CA11271R CA11271R	TRS2SA1037AKT146RS
Q409A Q410	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QX26	CA11271R CA11271R	TRS2SA1037AKT146RS
Q411	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QX30	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
Q411A	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QX31	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
Q412	CA11271R	TRS2SA1037AKT146RS	QX37	CA11271R	TRS2SA1037AKT146 RS
Q412A	CA11271R	TRS2SA1037AKT146RS	QX38	CA11271R	TRS2SA1037AKT146RS
Q413	CA11271R	TRS2SA1037AKT146RS	QX39	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
Q414	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QX40	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
Q415	CA11271R	TRS2SA1037AKT146RS	QZ01	CA11271R	TRS2SA1037AKT146RS
Q416	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QZ02	CA11271R	TRS2SA1037AKT146RS
QJ01	CA11271R	TRS2SA1037AKT146RS	QZ03	CA11271R	TRS2SA1037AKT146RS
QJ05	CA11271R	TRS2SA1037AKT146RS	QZ04	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
QJ09	CA11271R	TRS2SA1037AKT146RS	QZ05	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
QJ13	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QZ06	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
QJ14	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QZ07	CA11163R	TRS.CHIP DTC114EUA
QM01	CA11161R	DTC144EUAT106	QZ11	CA11271R	TRS2SA1037AKT146RS
QM08	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QZ12	CA11271R	TRS 2SA1037AKT146 RS
QV01	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QZ13	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
QV02	2325691R CA11271R	TRS CHIP 2SC2412K(Q/R TYPE)	QZ14 QZ15	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
QV03 QV04	2325691R	TRS 2SA1037AK T146 RS TRS CHIP 2SC2412K(Q/R TYPE)	QZ15 QZ16	2325691R 2325691R	TRS CHIP 2SC2412K(Q/R TYPE) TRS CHIP 2SC2412K(Q/R TYPE)
QV0 <del>4</del> QV05	2325691R 2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QZ16 QZ21	2325691R 2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
QV05 QV06	2325691R 2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QZ21 QZ22	2325691R 2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
QV07	CA11271R	TRS 2SA1037AK T146 RS	QZ27	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
QV08	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QZ28	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
QV09	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QZ30	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
QV10	CA11271R	TRS2SA1037AKT146RS	QZ32	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
QW01	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	QZ34	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)
Q1101			QZ35	CA00331R	

SYMBOL	PART	PART	SYMBOL	PART	PART
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
QZ36	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	R039	0790051R	RES.CHIP 1/16W 10K OHM
QZ37	CA00331R	TRS.CHIP IMZ1A	R040	0790052R	RES.CHIP 1/16W 12K OHM
QZ38	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	R041	0790037R	RES.CHIP 1/16W 1.0K OHM
QZ39	CA00331R	TRS.CHIP IMZ1A	R044	0790051R	RES.CHIP 1/16W 10K OHM
QZ40	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	R045	0790037R	RES.CHIP 1/16W 1.0K OHM
QZ41	CA11271R	TRS2SA1037AKT146RS	R046	0790037R	RES.CHIP 1/16W 1.0K OHM
	CA11271R	TRS2SA1037AKT146RS	R047	0790037R	RES.CHIP 1/16W 1.0K OHM
	CA11271R	TRS2SA1037AKT146RS	R048	0790037R	RES.CHIP 1/16W 1.0K OHM
QZ46	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	R049	0790059R	RES.CHIP 1/16W 47K OHM
	CA11271R	TRS2SA1037AKT146RS	R050	0790034R	RES.CHIP 1/16W 560 OHM
	CA11271R	TRS2SA1037AKT146RS	R051	0790028R	RES.CHIP 1/16W 220 OHM
	CA11271R	TRS2SA1037AKT146RS	R052	0790028R	RES.CHIP 1/16W 220 OHM
	CA11271R	TRS2SA1037AKT146RS	R053	0790024R	RES.CHIP 1/16W 100 OHM
QZ51	CA11271R	TRS2SA1037AKT146RS	R054	0790037R	RES.CHIP 1/16W 1.0K OHM
QZ52	CA00331R	TRS.CHIP IMZ1A	R055	0790024R	RES.CHIP 1/16W 100 OHM
QZ53	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	R056	0790024R	RES.CHIP 1/16W 100 OHM
QZ54	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	R058	0790037R	RES.CHIP 1/16W 1.0K OHM
QZ55	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	R059	0790037R	RES.CHIP 1/16W 1.0K OHM
QZ56	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	R060	0790024R	RES.CHIP 1/16W 100 OHM
QZ57	CA00331R	TRS.CHIP IMZ1A	R061	0790024R	RES.CHIP 1/16W 100 OHM
QZ58 QZ59	CA00331R CA00331R	TRS.CHIP IMZ1A TRS.CHIP IMZ1A	R063 R064	0790051R 0790024R	RES.CHIP 1/16W 10K OHM RES.CHIP 1/16W 100 OHM
QZ59 QZ60	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	R064 R065	0790024R 0790037R	RES.CHIP 1/16W 100 OHM
Q260	2323091R	TRS CHIP 23C2412K(Q/K TTPE)	R003 R071	0790037R 0790037R	RES.CHIP 1/16W 1.0K OHM
		RESISTORS	R072	0790037R 0790037R	RES.CHIP 1/16W 1.0K OHM
R001	0790037R	RES.CHIP 1/16W 1.0K OHM	R073	0790037R 0790037R	RES.CHIP 1/16W 1.0K OHM
	0790057R 0790059R	RES.CHIP 1/16W 47K OHM	R074	0790037R 0790037R	RES.CHIP 1/16W 1.0K OHM
	0790024R	RES.CHIP 1/16W 100 OHM	R075	0790037R	RES.CHIP 1/16W 1.0K OHM
	0790059R	RES.CHIP 1/16W 47K OHM	R076	0790037R	RES.CHIP 1/16W 1.0K OHM
	0790024R	RES.CHIP 1/16W 100 OHM	R077	0790024R	RES.CHIP 1/16W 100 OHM
	0790024R	RES.CHIP 1/16W 100 OHM	R078	0790037R	RES.CHIP 1/16W 1.0K OHM
	0790037R	RES.CHIP 1/16W 1.0K OHM	R079	0790024R	RES.CHIP 1/16W 100 OHM
	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R080	0790051R	RES.CHIP 1/16W 10K OHM
R009	0790051R	RES.CHIP 1/16W 10K OHM	R081	0790051R	RES.CHIP 1/16W 10K OHM
R010	0790024R	RES.CHIP 1/16W 100 OHM	R082	0790047R	RES.CHIP 1/16W 5.6K OHM
R011	0790024R	RES.CHIP 1/16W 100 OHM	R083	0790028R	RES.CHIP 1/16W 220 OHM
R012	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R084	0790024R	RES.CHIP 1/16W 100 OHM
R013	0790037R	RES.CHIP 1/16W 1.0K OHM	R085	0790024R	RES.CHIP 1/16W 100 OHM
R015	0790024R	RES.CHIP 1/16W 100 OHM	R086	0790037R	RES.CHIP 1/16W 1.0K OHM
R016	0790024R	RES.CHIP 1/16W 100 OHM	R087	0790037R	RES.CHIP 1/16W 1.0K OHM
R017	0790024R	RES.CHIP 1/16W 100 OHM	R088	0790037R	RES.CHIP 1/16W 1.0K OHM
	0790024R	RES.CHIP 1/16W 100 OHM	R089	0790037R	RES.CHIP 1/16W 1.0K OHM
R019	0790024R	RES.CHIP 1/16W 100 OHM	R090	0790051R	RES.CHIP 1/16W 10K OHM
	0790051R	RES.CHIP 1/16W 10K OHM	R091	0790051R	RES.CHIP 1/16W 10K OHM
	0790051R	RES.CHIP 1/16W 10K OHM	R092	0790051R	RES.CHIP 1/16W 10K OHM
	0790051R	RES.CHIP 1/16W 10K OHM	R094	0790024R	RES.CHIP 1/16W 100 OHM
	0790051R	RES.CHIP 1/16W 10K OHM	R095	0790024R	RES.CHIP 1/16W 100 OHM
	0790024R	RES.CHIP 1/16W 100 OHM	R096	0790024R	RES.CHIP 1/16W 100 OHM
	0790024R	RES.CHIP 1/16W 100 OHM	R097	0790047R	RES.CHIP 1/16W 5.6K OHM
	0790024R 0790024R	RES.CHIP 1/16W 100 OHM	R098	0790038R	RES.CHIP 1/16W 1.2K OHM
		RES.CHIP 1/16W 100 OHM RES.CHIP 1/16W 1.0K OHM	R099 R0A1	0790037R	RES.CHIP 1/16W 1.0K OHM RES.CHIP 1/16W 470 OHM
	0790037R 0790037R	RES.CHIP 1/16W 1.0K OHM RES.CHIP 1/16W 1.0K OHM	ROA1 ROA2	0790033R 0790077R	RES.CHIP 1/16W 470 OHM RES.CHIP 1/16W 1.0M OHM
	0790037R 0790037R	RES.CHIP 1/16W 1.0K OHM	ROA3	0790077R 0790033R	RES.CHIP 1/16W 1.0M OHM
	0790037R 0790024R	RES.CHIP 1/16W 1:0K OHM	ROA4	0790033R 0790077R	RES.CHIP 1/16W 4/0 OHM
	0790024R 0790037R	RES.CHIP 1/16W 100 OHM	R0A4 R0A5	0790077R 0790037R	RES.CHIP 1/16W 1.0M OHM
	0790037R 0790024R	RES.CHIP 1/16W 1.0K OHM	ROA7	0790057R 0790051R	RES.CHIP 1/16W 1.0K OHM
	0790024R 0790037R	RES.CHIP 1/16W 1.0K OHM	R0A8	0790001R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
	0790037R 0790024R	RES.CHIP 1/16W 100 OHM	R0A9	0790001R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
		C. C. III 1/ 1011 100 OI IIVI	1 10/10	51 0000 111	5

SYMBOL	PART	PART	SYMBOL	PART	PART
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
QZ36	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	R039	0790051R	RES.CHIP 1/16W 10K OHM
QZ37	CA00331R	TRS.CHIP IMZ1A	R040	0790052R	RES.CHIP 1/16W 12K OHM
QZ38	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	R041	0790037R	RES.CHIP 1/16W 1.0K OHM
QZ39	CA00331R 2325691R	TRS.CHIP IMZ1A	R044 R045	0790051R 0790037R	RES.CHIP 1/16W 10K OHM
QZ40 QZ41	2325691R CA11271R	TRS CHIP 2SC2412K(Q/R TYPE) TRS 2SA1037AKT146RS	R045 R046	0790037R 0790037R	RES.CHIP 1/16W 1.0K OHM RES.CHIP 1/16W 1.0K OHM
QZ41 QZ42	CA11271R CA11271R	TRS2SA1037AKT146RS	R046 R047	0790037R 0790037R	RES.CHIP 1/16W 1.0K OHM
QZ42 QZ43	CA11271R CA11271R	TRS2SA1037AKT140RS	R048	0790037R 0790037R	RES.CHIP 1/16W 1.0K OHM
QZ46	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	R049	0790059R	RES.CHIP 1/16W 47K OHM
QZ47	CA11271R	TRS2SA1037AKT146RS	R050	0790034R	RES.CHIP 1/16W 560 OHM
QZ48	CA11271R	TRS2SA1037AKT146RS	R051	0790028R	RES.CHIP 1/16W 220 OHM
QZ49	CA11271R	TRS2SA1037AKT146RS	R052	0790028R	RES.CHIP 1/16W 220 OHM
QZ50	CA11271R	TRS2SA1037AKT146RS	R053	0790024R	RES.CHIP 1/16W 100 OHM
QZ51	CA11271R	TRS2SA1037AKT146RS	R054	0790037R	RES.CHIP 1/16W 1.0K OHM
QZ52	CA00331R	TRS.CHIP IMZ1A	R055	0790024R	RES.CHIP 1/16W 100 OHM
QZ53	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	R056	0790024R	RES.CHIP 1/16W 100 OHM
QZ54	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	R058	0790037R	RES.CHIP 1/16W 1.0K OHM
QZ55	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	R059	0790037R	RES.CHIP 1/16W 1.0K OHM
QZ56	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	R060	0790024R	RES.CHIP 1/16W 100 OHM
QZ57	CA00331R	TRS.CHIP IMZ1A	R061	0790024R	RES.CHIP 1/16W 100 OHM
QZ58	CA00331R	TRS.CHIP IMZ1A	R063	0790051R	RES.CHIP 1/16W 10K OHM
QZ59	CA00331R	TRS.CHIP IMZ1A	R064	0790024R	RES.CHIP 1/16W 100 OHM
QZ60	2325691R	TRS CHIP 2SC2412K(Q/R TYPE)	R065	0790037R	RES.CHIP 1/16W 1.0K OHM
			R071	0790037R	RES.CHIP 1/16W 1.0K OHM
		RESISTORS	R072	0790037R	RES.CHIP 1/16W 1.0K OHM
R001	0790037R	RES.CHIP 1/16W 1.0K OHM	R073	0790037R	RES.CHIP 1/16W 1.0K OHM
R002	0790059R	RES.CHIP 1/16W 47K OHM	R074	0790037R	RES.CHIP 1/16W 1.0K OHM
R003	0790024R	RES.CHIP 1/16W 100 OHM	R075	0790037R	RES.CHIP 1/16W 1.0K OHM
R004	0790059R	RES.CHIP 1/16W 47K OHM	R076	0790037R	RES.CHIP 1/16W 1.0K OHM
R005	0790024R	RES.CHIP 1/16W 100 OHM	R077	0790024R	RES.CHIP 1/16W 100 OHM
R006	0790024R	RES.CHIP 1/16W 100 OHM	R078	0790037R	RES.CHIP 1/16W 1.0K OHM
R007	0790037R	RES.CHIP 1/16W 1.0K OHM	R079	0790024R	RES.CHIP 1/16W 100 OHM
R008 R009	0790001R 0790051R	CHIP RESISTOR RECJUMPER-1-16C16T1608 RES.CHIP 1/16W 10K OHM	R080 R081	0790051R 0790051R	RES.CHIP 1/16W 10K OHM RES.CHIP 1/16W 10K OHM
R010	0790031R 0790024R	RES.CHIP 1/16W 100 OHM	R082	0790031R 0790047R	RES.CHIP 1/16W 10K OHM
R010 R011	0790024R 0790024R	RES.CHIP 1/16W 100 OHM	R083	0790047R 0790028R	RES.CHIP 1/16W 3.0K OHM
R012	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R084	0790024R	RES.CHIP 1/16W 100 OHM
R013	0790037R	RES.CHIP 1/16W 1.0K OHM	R085	0790024R	RES.CHIP 1/16W 100 OHM
R015	0790024R	RES.CHIP 1/16W 100 OHM	R086	0790037R	RES.CHIP 1/16W 1.0K OHM
R016	0790024R	RES.CHIP 1/16W 100 OHM	R087	0790037R	RES.CHIP 1/16W 1.0K OHM
R017	0790024R	RES.CHIP 1/16W 100 OHM	R088	0790037R	RES.CHIP 1/16W 1.0K OHM
R018	0790024R	RES.CHIP 1/16W 100 OHM	R089	0790037R	RES.CHIP 1/16W 1.0K OHM
R019	0790024R	RES.CHIP 1/16W 100 OHM	R090	0790051R	RES.CHIP 1/16W 10K OHM
R020	0790051R	RES.CHIP 1/16W 10K OHM	R091	0790051R	RES.CHIP 1/16W 10K OHM
R021	0790051R	RES.CHIP 1/16W 10K OHM	R092	0790051R	RES.CHIP 1/16W 10K OHM
R022	0790051R	RES.CHIP 1/16W 10K OHM	R094	0790024R	RES.CHIP 1/16W 100 OHM
R023	0790051R	RES.CHIP 1/16W 10K OHM	R095	0790024R	RES.CHIP 1/16W 100 OHM
R024	0790024R	RES.CHIP 1/16W 100 OHM	R096	0790024R	RES.CHIP 1/16W 100 OHM
R025	0790024R	RES.CHIP 1/16W 100 OHM	R097	0790047R	RES.CHIP 1/16W 5.6K OHM
R026	0790024R	RES.CHIP 1/16W 100 OHM	R098	0790038R	RES.CHIP 1/16W 1.2K OHM
R027	0790024R	RES.CHIP 1/16W 100 OHM	R099	0790037R	RES.CHIP 1/16W 1.0K OHM
R028	0790037R	RES.CHIP 1/16W 1.0K OHM	R0A1	0790033R	RES.CHIP 1/16W 470 OHM
R029	0790037R	RES.CHIP 1/16W 1.0K OHM	R0A2	0790077R	RES.CHIP 1/16W 1.0M OHM
R030	0790037R	RES.CHIP 1/16W 1.0K OHM	R0A3	0790033R	RES.CHIP 1/16W 470 OHM
R031	0790024R	RES.CHIP 1/16W 100 OHM	R0A4	0790077R	RES.CHIP 1/16W 1.0M OHM
R032	0790037R	RES.CHIP 1/16W 1.0K OHM	R0A5	0790037R	RES.CHIP 1/16W 1.0K OHM
R033	0790024R	RES.CHIP 1/16W 100 OHM	R0A7	0790051R	RES.CHIP 1/16W 10K OHM
R034	0790037R	RES.CHIP 1/16W 1.0K OHM	R0A8	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
R037 R038	0790024R 0790024R	RES.CHIP 1/16W 100 OHM RES.CHIP 1/16W 100 OHM	R0A9 R0B5	0790001R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608 CHIP RESISTOR RECJUMPER-1-16C16T1608
1.000	0,000 <u>2</u> -11	1.20.01 III 1/10W 100 OT IW	1.000	57 5000 TIX	OF IN TREGIOTOR REGIONAL EN-1-1001011000

SYMBOL NO. R0C1	PART	PART	SYMBOL	PART	
R0C1	NO.	DESCRIPTION	NO.	NO.	PART DESCRIPTION
I COO I	0790024R	RES.CHIP 1/16W 100 OHM	R137	0790059R	RES.CHIP 1/16W 47K OHM
R0C4	0790037R	RES.CHIP 1/16W 1.0K OHM	R138	0790051R	RES.CHIP 1/16W 10K OHM
R0C5	0790043R	RES.CHIP 1/16W 2.7K OHM	R139	0790024R	RES.CHIP 1/16W 100 OHM
R0C6	0790043R	RES.CHIP 1/16W 2.7K OHM	R140	0790024R	RES.CHIP 1/16W 100 OHM
R0C7	0790043R	RES.CHIP 1/16W 2.7K OHM	R204	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
R0C8	0790055R	RES.CHIP 1/16W 22K OHM	R205	0790024R	RES.CHIP 1/16W 100 OHM
R0C9	0790024R	RES.CHIP 1/16W 100 OHM	R207	0790064R	RES.CHIP 1/16W 100K OHM
R0D1 0	0790059R	RES.CHIP 1/16W 47K OHM	R208	0790047R	RES.CHIP 1/16W 5.6K OHM
	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R209	0790037R	RES.CHIP 1/16W 1.0K OHM
		RES.CHIP 1/16W 100 OHM	R210	0790037R	RES.CHIP 1/16W 1.0K OHM
	0790024R	RES.CHIP 1/16W 100 OHM	R211	0790064R	RES.CHIP 1/16W 100K OHM
		RES.CHIP 1/16W 100 OHM	R212		RES.CHIP 1/16W 5.6K OHM
	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R213	0790069R	RES.CHIP 1/16W 270K OHM
		RES.CHIP 1/16W 100 OHM	R214	0790024R	RES.CHIP 1/16W 100 OHM
	0790024R	RES.CHIP 1/16W 100 OHM	R215		RES.CHIP 1/16W 10K OHM
	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R216	0790037R	RES.CHIP 1/16W 1.0K OHM
		CHIP RESISTOR RECJUMPER-1-16C16T1608	R217	0790042R	RES.CHIP 1/16W 2.2K OHM
	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R218	0790024R	RES.CHIP 1/16W 100 OHM
	0790024R	RES.CHIP 1/16W 100 OHM	R219	0790051R	RES.CHIP 1/16W 10K OHM
	0790024R 0790024R	RES.CHIP 1/16W 100 OHM RES.CHIP 1/16W 100 OHM	R220 R221	0790037R 0790042R	RES.CHIP 1/16W 1.0K OHM RES.CHIP 1/16W 2.2K OHM
		RES.CHIP 1/16W 100 OHM	R221	0790042R 0790024R	RES.CHIP 1/16W 100 OHM
		RES.CHIP 1/16W 10K OHM	R224	0790024R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
		RES.CHIP 1/16W 10K OHM	R225		RES.CHIP 1/16W 100 OHM
		RES.CHIP 1/16W 100 OHM	R227	0790024R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
		RES.CHIP 1/16W 100 OHM	R228	0790024R	RES.CHIP 1/16W 100 OHM
	0790024R	RES.CHIP 1/16W 100 OHM	R229	0790024R	RES.CHIP 1/16W 100 OHM
		CHIP RESISTOR RECJUMPER-1-16C16T1608	R230	0790024R	RES.CHIP 1/16W 100 OHM
	0790037R	RES.CHIP 1/16W 1.0K OHM	R231	0790024R	RES.CHIP 1/16W 100 OHM
		RES.CHIP 1/16W 1.0K OHM	R232		RES.CHIP 1/16W 10K OHM
R103	0790051R	RES.CHIP 1/16W 10K OHM	R233	0790059R	RES.CHIP 1/16W 47K OHM
R104	0790051R	RES.CHIP 1/16W 10K OHM	R234	0790037R	RES.CHIP 1/16W 1.0K OHM
R105	0790055R	RES.CHIP 1/16W 22K OHM	R235	0790051R	RES.CHIP 1/16W 10K OHM
R106	0790055R	RES.CHIP 1/16W 22K OHM	R236	0790059R	RES.CHIP 1/16W 47K OHM
R107	0790051R	RES.CHIP 1/16W 10K OHM	R237	0790037R	RES.CHIP 1/16W 1.0K OHM
R108	0790051R	RES.CHIP 1/16W 10K OHM	R238	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
R109	0790037R	RES.CHIP 1/16W 1.0K OHM	R239	0790024R	RES.CHIP 1/16W 100 OHM
		RES.CHIP 1/16W 1.0K OHM	R240	0790024R	RES.CHIP 1/16W 100 OHM
		RES.CHIP 1/16W 1.0K OHM	R241		RES.CHIP 1/16W 1.0K OHM
		RES.CHIP 1/16W 1.0K OHM	R242		RES.CHIP 1/16W 100 OHM
	0790037R	RES.CHIP 1/16W 1.0K OHM	R245	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
		RES.CHIP 1/16W 47K OHM	R246		RES.CHIP 1/16W 1.2K OHM
		RES.CHIP 1/16W 100 OHM	R247	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
		RES.CHIP 1/16W 100 OHM	R249	0790024R	RES.CHIP 1/16W 100 OHM
		RES.CHIP 1/16W 47K OHM	R250	0790024R	RES.CHIP 1/16W 100 OHM
		CHIP RESISTOR RECJUMPER-1-16C16T1608	R251 R252		RES.CHIP 1/16W 100 OHM
		RES.CHIP 1/16W 1.0K OHM RES.CHIP 1/16W 220 OHM	R252 R254		RES.CHIP 1/16W 100 OHM RES.CHIP 1/16W 100 OHM
		RES.CHIP 1/16W 220 OHM	R254 R255		CHIP RESISTOR RECJUMPER-1-16C16T1608
		CHIP RESISTOR RECJUMPER-1-16C16T1608	R256		RES.CHIP 1/16W 100 OHM
		RES.CHIP 1/16W 1.0K OHM	R257		RES.CHIP 1/16W 100 OHM
		RES.CHIP 1/16W 1.0K OHM	R258	0790024R 0790024R	RES.CHIP 1/16W 100 OHM
		RES.CHIP 1/16W 1.0K OHM	R259		RES.CHIP 1/16W 100 OHM
	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R260	0790024R 0790024R	RES.CHIP 1/16W 100 OHM
		RES.CHIP 1/16W 220 OHM	R261		RES.CHIP 1/16W 56K OHM
		RES.CHIP 1/16W 220 OHM	R262	0790046R	RES.CHIP 1/16W 4.7K OHM
		CHIP RESISTOR RECJUMPER-1-16C16T1608	R263		RES.CHIP 1/16W 47K OHM
		RES.CHIP 1/16W 1.0K OHM	R265		RES.CHIP 1/16W 82K OHM
		RES.CHIP 1/16W 1.0K OHM	R266		RES.CHIP 1/16W 10K OHM
	0790055R	RES.CHIP 1/16W 22K OHM	R267	0790047R	RES.CHIP 1/16W 5.6K OHM

SYMBOL	PART	PART	SYMBOL	PART	PART
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
R268	0790024R	RES.CHIP 1/16W 100 OHM	R2E3	0790024R	RES.CHIP 1/16W 100 OHM
R269	0790024R	RES.CHIP 1/16W 100 OHM	R2E4	0790037R	RES.CHIP 1/16W 1.0K OHM
R270	0790024R	RES.CHIP 1/16W 100 OHM	R2E5	0790024R	RES.CHIP 1/16W 100 OHM
R271 R273	0790024R 0790024R	RES.CHIP 1/16W 100 OHM RES.CHIP 1/16W 100 OHM	R2E6 R2E7	0790024R 0790024R	RES.CHIP 1/16W 100 OHM RES.CHIP 1/16W 100 OHM
R273 R274	0790059R	RES.CHIP 1/16W 100 OHM	R2E8	0790024R 0790024R	RES.CHIP 1/16W 100 OHM
R275	0790059R	RES.CHIP 1/16W 47K OHM	R2E9	0790024R 0790024R	RES.CHIP 1/16W 100 OHM
R276	0790044R	RES.CHIP 1/16W 3.3K OHM	R2H1	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
R277	0790047R	RES.CHIP 1/16W 5.6K OHM	R2H2	0790024R	RES.CHIP 1/16W 100 OHM
R278	0790059R	RES.CHIP 1/16W 47K OHM	R2H3	0790024R	RES.CHIP 1/16W 100 OHM
R279	0790051R	RES.CHIP 1/16W 10K OHM	R2H4	0790024R	RES.CHIP 1/16W 100 OHM
R281	0790051R	RES.CHIP 1/16W 10K OHM	R2H5	0790024R	RES.CHIP 1/16W 100 OHM
R282	0790057R	RES.CHIP 1/16W 33K OHM	R2H6	0790024R	RES.CHIP 1/16W 100 OHM
R283	0790037R	RES.CHIP 1/16W 1.0K OHM	R2H7	0790024R	RES.CHIP 1/16W 100 OHM
R284	0790044R	RES.CHIP 1/16W 3.3K OHM	R2J1	0790024R	RES.CHIP 1/16W 100 OHM
R285	0790024R	RES.CHIP 1/16W 100 OHM	R2J2	0790024R	RES.CHIP 1/16W 100 OHM
R286	0790059R	RES.CHIP 1/16W 47K OHM	R2J3	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
R287	0790059R	RES.CHIP 1/16W 47K OHM	R2J5	0790037R	RES.CHIP 1/16W 1.0K OHM
R288	0790058R	RES.CHIP 1/16W 39K OHM	R2J6	0790042R	RES.CHIP 1/16W 2.2K OHM
R289	0790046R	RES.CHIP 1/16W 4.7K OHM	R2J8	0790028R	RES.CHIP 1/16W 220 OHM
R290	0790024R	RES.CHIP 1/16W 100 OHM	R2K1	0790024R	RES.CHIP 1/16W 100 OHM
R291 R292	0790044R 0790047R	RES.CHIP 1/16W 3.3K OHM RES.CHIP 1/16W 5.6K OHM	R2K9 R2L1	0790001R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
R292 R293	0790047R 0790059R	RES.CHIP 1/16W 47K OHM	R2L1 R2L2	079001R 0790046R	CHIP RESISTOR RECJUMPER-1-16C16T1608 RES.CHIP 1/16W 4.7K OHM
R293	0790059R 0790051R	RES.CHIP 1/16W 47K OHM	R2L3	0790046R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
R296	0790057R	RES.CHIP 1/16W 33K OHM	R2L5	0790059R	RES.CHIP 1/16W 47K OHM
R297	0790051R	RES.CHIP 1/16W 10K OHM	R2L6	0790051R	RES.CHIP 1/16W 10K OHM
R298	0790037R	RES.CHIP 1/16W 1.0K OHM	R2L7	0790037R	RES.CHIP 1/16W 1.0K OHM
R299	0790044R	RES.CHIP 1/16W 3.3K OHM	R2L8	0790036R	RES.CHIP 1/16W 820 OHM
R2A1	0790024R	RES.CHIP 1/16W 100 OHM	R2L9	0790059R	RES.CHIP 1/16W 47K OHM
R2A2	0790059R	RES.CHIP 1/16W 47K OHM	R2M1	0790051R	RES.CHIP 1/16W 10K OHM
R2A3	0790059R	RES.CHIP 1/16W 47K OHM	R2M2	0790037R	RES.CHIP 1/16W 1.0K OHM
R2A4	0790058R	RES.CHIP 1/16W 39K OHM	R2M3	0790036R	RES.CHIP 1/16W 820 OHM
R2A5	0790046R	RES.CHIP 1/16W 4.7K OHM	R2N5	0790042R	RES.CHIP 1/16W 2.2K OHM
R2A6	0790024R	RES.CHIP 1/16W 100 OHM	R2N6	0790068R	RES.CHIP 1/16W 220K OHM
R2A7	0790046R	RES.CHIP 1/16W 4.7K OHM	R2N7	0790042R	RES.CHIP 1/16W 2.2K OHM
R2A8	0790047R	RES.CHIP 1/16W 5.6K OHM	R2N8	0790068R	RES.CHIP 1/16W 220K OHM
R2A9	0790052R	RES.CHIP 1/16W 12K OHM	R2N9 R2P1	0790042R	RES.CHIP 1/16W 2.2K OHM
R2B1 R2B3	0790046R AQ00189R	RES.CHIP 1/16W 4.7K OHM RES.CHIP 1/16W 680 OHM TAPE	R2P1 R2P2	0790068R 0790042R	RES.CHIP 1/16W 220K OHM RES.CHIP 1/16W 2.2K OHM
R2B5	AQ00189R AQ00201R	RES.CHIP 1/16W 080 OHM TAPE	R2P3	0790042R 0790068R	RES.CHIP 1/16W 2.2K OHM
R2B6	0790042R	RES.CHIP 1/16W 1.3K OHM	R2R3	0790059R	RES.CHIP 1/16W 47K OHM
R2B7	0790054R	RES.CHIP 1/16W 18K OHM	R2R4	0790024R	RES.CHIP 1/16W 100 OHM
R2C1	0790037R	RES.CHIP 1/16W 1.0K OHM	R2R7	0790046R	RES.CHIP 1/16W 4.7K OHM
R2C2	0790051R	RES.CHIP 1/16W 10K OHM	R2S1	0790059R	RES.CHIP 1/16W 47K OHM
R2C3	0790037R	RES.CHIP 1/16W 1.0K OHM	R2S2	0790028R	RES.CHIP 1/16W 220 OHM
R2C5	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R2S3	0790037R	RES.CHIP 1/16W 1.0K OHM
R2C6	0790037R	RES.CHIP 1/16W 1.0K OHM	R2S4	0790056R	RES.CHIP 1/16W 27K OHM
R2C7	0113725M	RESISTOR CARBON FILM SRD1/2P-B 100-J	R2S6	0790051R	RES.CHIP 1/16W 10K OHM
R2C8	AT03233S	METAL OX. 47.00HM 1W	R2S7	0790046R	RES.CHIP 1/16W 4.7K OHM
R2D2	0790024R	RES.CHIP 1/16W 100 OHM	R2S8	0790024R	RES.CHIP 1/16W 100 OHM
R2D3	0790024R	RES.CHIP 1/16W 100 OHM	R2S9	0790051R	RES.CHIP 1/16W 10K OHM
R2D4	0790024R	RES.CHIP 1/16W 100 OHM	R2T1	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
R2D5	0790024R	RES.CHIP 1/16W 100 OHM	R2T3	0790028R	RES.CHIP 1/16W 220 OHM
R2D6	0790024R	RES.CHIP 1/16W 100 OHM	R2T4	0790064R	RES.CHIP 1/16W 100K OHM
R2D7	0790024R	RES.CHIP 1/16W 100 OHM RES.CHIP 1/16W 100 OHM	R2T5	0790051R	RES.CHIP 1/16W 10K OHM
R2D8	0790024R 0790024B	RES.CHIP 1/16W 100 OHM RES.CHIP 1/16W 100 OHM	R2T6 R2T7	0790046R	RES.CHIP 1/16W 4.7K OHM
R2D9 R2E1	0790024R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R2T8	0790042R 0790042R	RES.CHIP 1/16W 2.2K OHM RES.CHIP 1/16W 2.2K OHM
R2E1	0790001R 0790024R	RES.CHIP 1/16W 100 OHM	R2U8	0790042R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
	5.000£ ft (		200	5. 5555 TK	

SYMBOL	PART	PART	SYMBOL	PART	PART
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
R2V1	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R427A	0790024R	RES.CHIP 1/16W 100 OHM
R2V4	0790024R	RES.CHIP 1/16W 100 OHM	R428	0790024R	RES.CHIP 1/16W 100 OHM
R2V5	0790051R	RES.CHIP 1/16W 10K OHM	R428A	0790024R	RES.CHIP 1/16W 100 OHM
R2V6	0790024R	RES.CHIP 1/16W 100 OHM	R429	0790024R	RES.CHIP 1/16W 100 OHM
R2V7	0790024R	RES.CHIP 1/16W 100 OHM	R429A	0790024R	RES.CHIP 1/16W 100 OHM
R2V8	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R430	0790024R	RES.CHIP 1/16W 100 OHM
R2V9	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R430A	0790024R	RES.CHIP 1/16W 100 OHM
R2W1	0790037R	RES.CHIP 1/16W 1.0K OHM	R431	0790036R	RES.CHIP 1/16W 820 OHM
R301	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R431A	0790036R	RES.CHIP 1/16W 820 OHM
R302	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R432	0790037R	RES.CHIP 1/16W 1.0K OHM
R303	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R432A	0790037R	RES.CHIP 1/16W 1.0K OHM
R304	0790024R	RES.CHIP 1/16W 100 OHM	R433	0790064R	RES.CHIP 1/16W 100K OHM
R305	0790024R	RES.CHIP 1/16W 100 OHM	R433A	0790064R	RES.CHIP 1/16W 100K OHM
R306	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R434	0790028R	RES.CHIP 1/16W 220 OHM
R307	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R434A	0790028R	RES.CHIP 1/16W 220 OHM
R308	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R435	0790063R	RES.CHIP 1/16W 82K OHM
R309	0790024R	RES.CHIP 1/16W 100 OHM	R435A	0790063R	RES.CHIP 1/16W 82K OHM
R310	0790024R	RES.CHIP 1/16W 100 OHM	R436	0790037R	RES.CHIP 1/16W 1.0K OHM
R311	0790042R	RES.CHIP 1/16W 2.2K OHM	R436A	0790037R	RES.CHIP 1/16W 1.0K OHM
R312	0790059R	RES.CHIP 1/16W 47K OHM	R437	0790024R	RES.CHIP 1/16W 100 OHM
R313	0790059R	RES.CHIP 1/16W 47K OHM	R437A	0790024R	RES.CHIP 1/16W 100 OHM
R314	0790059R	RES.CHIP 1/16W 47K OHM	R438	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
R315 R317	0790055R 0790059R	RES.CHIP 1/16W 22K OHM RES.CHIP 1/16W 47K OHM	R438A R439	0790001R 0790024R	CHIP RESISTOR RECJUMPER-1-16C16T1608 RES.CHIP 1/16W 100 OHM
R318	0790059R 0790059R	RES.CHIP 1/16W 47K OHM	R439A	0790024R 0790024R	RES.CHIP 1/16W 100 OHM
R320	0790039R 0790012R	RES.CHIP 1/16W 47K OHM	R440	0790024R 0790037R	RES.CHIP 1/16W 100 OHM
R321	0790012R 0790012R	RES.CHIP 1/16W 12 OHM	R440A	0790037R 0790037R	RES.CHIP 1/16W 1.0K OHM
R322	0790012R	RES.CHIP 1/16W 12 OHM	R441	0790028R	RES.CHIP 1/16W 220 OHM
R323	0790012R	RES.CHIP 1/16W 12 OHM	R441A	0790028R	RES.CHIP 1/16W 220 OHM
R324	0790064R	RES.CHIP 1/16W 100K OHM	R442	0790037R	RES.CHIP 1/16W 1.0K OHM
R325	0790059R	RES.CHIP 1/16W 47K OHM	R442A	0790037R	RES.CHIP 1/16W 1.0K OHM
R326	0790024R	RES.CHIP 1/16W 100 OHM	R443	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
R327	0790031R	RES.CHIP 1/16W 330 OHM	R443A	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
R328	0790031R	RES.CHIP 1/16W 330 OHM	R444	0790046R	RES.CHIP 1/16W 4.7K OHM
R329	0790015R	RES.CHIP 1/16W 22 OHM	R445	0790043R	RES.CHIP 1/16W 2.7K OHM
R330	0790015R	RES.CHIP 1/16W 22 OHM	R446	0790047R	RES.CHIP 1/16W 5.6K OHM
R331	0790021R	RES.CHIP 1/16W 56 OHM	R447	0790044R	RES.CHIP 1/16W 3.3K OHM
R332	0790021R	RES.CHIP 1/16W 56 OHM	R448	0790048R	RES.CHIP 1/16W 6.8K OHM
R333	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R449	0790046R	RES.CHIP 1/16W 4.7K OHM
R410	0790069R	RES.CHIP 1/16W 270K OHM	R450	AT03669M	RES.MTL GRAZD FLM 1/2W 2.2M
R410A	0790069R	RES.CHIP 1/16W 270K OHM	R451	0790024R	RES.CHIP 1/16W 100 OHM
R411	0790024R	RES.CHIP 1/16W 100 OHM	R451A	0790024R	RES.CHIP 1/16W 100 OHM
R411A	0790024R	RES.CHIP 1/16W 100 OHM	R452	0790034R	RES.CHIP 1/16W 560 OHM
R412	0790062R	RES.CHIP 1/16W 68K OHM	R452A	0790034R	RES.CHIP 1/16W 560 OHM
	0790062R	RES.CHIP 1/16W 68K OHM	R453	0790034R	RES.CHIP 1/16W 560 OHM
R413	0790064R	RES.CHIP 1/16W 100K OHM	R453A	0790034R	RES.CHIP 1/16W 560 OHM
R413A	0790064R	RES.CHIP 1/16W 100K OHM	R454	0790039R	RES.CHIP 1/16W 1.5K OHM
R414	0790044R	RES.CHIP 1/16W 3.3K OHM	R454A R455	0790039R	RES.CHIP 1/16W 1.5K OHM
R414A R417	0790044R 0790001R	RES.CHIP 1/16W 3.3K OHM CHIP RESISTOR RECJUMPER-1-16C16T1608	R455 R455A	0790066R 0790066R	RES.CHIP 1/16W 150K OHM RES.CHIP 1/16W 150K OHM
R417 R419	0790001R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	R455A R456	079006R 0790037R	RES.CHIP 1/16W 150K OHM
R419 R420	0790001R 0790059R	RES.CHIP 1/16W 47K OHM	R456A	0790037R 0790037R	RES.CHIP 1/16W 1.0K OHM
R420 R421	0790059R 0790059R	RES.CHIP 1/16W 47K OHM	R450A R457	0188114M	RESCARBON FLM 1/2W 56-J
R421 R422	0790055R	RES.CHIP 1/16W 47K OHM	R457 R458	0790047R	RES.CHIP 1/16W 5.6K OHM
R423	0790059R	RES.CHIP 1/16W 47K OHM	R459	0790047R	RES.CHIP 1/16W 5.6K OHM
R424	0790059R	RES.CHIP 1/16W 47K OHM	R460	0790024R	RES.CHIP 1/16W 100 OHM
R425	0790055R	RES.CHIP 1/16W 22K OHM	R461	0790047R	RES.CHIP 1/16W 5.6K OHM
R426	0790024R	RES.CHIP 1/16W 100 OHM	R462	0790059R	RES.CHIP 1/16W 47K OHM
R426A	0790024R	RES.CHIP 1/16W 100 OHM	R463	0790059R	RES.CHIP 1/16W 47K OHM
R427	0790024R	RES.CHIP 1/16W 100 OHM	R464	0790037R	RES.CHIP 1/16W 1.0K OHM

SYMBOL	PART	PART	SYMBOL	PART	PART
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
R465	0790061R	RES.CHIP 1/16W 56K OHM	RJ89	0790059R	RES.CHIP 1/16W 47K OHM
R466	0790061R	RES.CHIP 1/16W 56K OHM	RJ90	0790059R	RES.CHIP 1/16W 47K OHM
R468 R469	0790001R 0790051R	CHIP RESISTOR RECJUMPER-1-16C16T1608 RES.CHIP 1/16W 10K OHM	RJ91 RJ92	0790042R 0790059R	RES.CHIP 1/16W 2.2K OHM RES.CHIP 1/16W 47K OHM
R470	0790051R 0790059R	RES.CHIP 1/16W 10K OHM	RJ93	0790059R 0790059R	RES.CHIP 1/16W 47K OHM
R470	0790059R	RES.CHIP 1/16W 47K OHM	RJ95	0790039R 0790024R	RES.CHIP 1/16W 100 OHM
R472	0790042R	RES.CHIP 1/16W 2.2K OHM	RJ96	0790024R	RES.CHIP 1/16W 100 OHM
R912	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RJ97	0790024R	RES.CHIP 1/16W 100 OHM
R913	0790024R	RES.CHIP 1/16W 100 OHM	RJM9	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
R915	0790024R	RES.CHIP 1/16W 100 OHM	RJN0	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
R916	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RM01	0790035R	RES.CHIP 1/16W 680 OHM
R917	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RM02	0790051R	RES.CHIP 1/16W 10K OHM
R918	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RM03	0790046R	RES.CHIP 1/16W 4.7K OHM
R919	0790024R	RES.CHIP 1/16W 100 OHM	RM04	0790037R	RES.CHIP 1/16W 1.0K OHM
R920	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RM05	0790039R	RES.CHIP 1/16W 1.5K OHM
RCX26	0195250R	RES 2125 CHIP JAMPER WIRE	RM06	0790043R	RES.CHIP 1/16W 2.7K OHM
RJ01	AQ00164R	RES.CHIP 1/16W 75 OHM TAPE	RM12	0790037R	RES.CHIP 1/16W 1.0K OHM
RJ02	AQ00164R	RES.CHIP 1/16W 75 OHM TAPE	RM13	0790036R	RES.CHIP 1/16W 820 OHM
RJ03	0790024R	RES.CHIP 1/16W 100 OHM	RM51	0790043R	RES.CHIP 1/16W 2.7K OHM
RJ05	0790024R	RES.CHIP 1/16W 100 OHM	RM52	0790028R	RES.CHIP 1/16W 220 OHM
RJ06	0790039R	RES.CHIP 1/16W 1.5K OHM	RM53	0790043R	RES.CHIP 1/16W 2.7K OHM
RJ16	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RM54	0790046R	RES.CHIP 1/16W 4.7K OHM
RJ17	0790023R	RES.CHIP 1/16W 82 OHM	RM55	0790051R	RES.CHIP 1/16W 10K OHM
RJ18 RJ19	0790023R 0790024R	RES.CHIP 1/16W 82 OHM RES.CHIP 1/16W 100 OHM	RM56 RM57	0790026R 0790055R	RES.CHIP 1/16W 150 OHM RES.CHIP 1/16W 22K OHM
RJ19 RJ21	0790024R 0790024R	RES.CHIP 1/16W 100 OHM	RM58	0790055R 0790052R	RES.CHIP 1/16W 22K OHM
RJ21 RJ22	0790024R 0790039R	RES.CHIP 1/16W 100 OF IM	RM59	0790068R	RES.CHIP 1/16W 12K OHM
RJ32	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RM60	0790052R	RES.CHIP 1/16W 12K OHM
RJ33	0790023R	RES.CHIP 1/16W 82 OHM	RM61	0790052R	RES.CHIP 1/16W 12K OHM
RJ34	AQ00164R	RES.CHIP 1/16W 75 OHM TAPE	RM62	0790029R	RES.CHIP 1/16W 270 OHM
RJ35	0790024R	RES.CHIP 1/16W 100 OHM	RM63	0790068R	RES.CHIP 1/16W 220K OHM
RJ46	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RM64	0790038R	RES.CHIP 1/16W 1.2K OHM
RJ47	0790024R	RES.CHIP 1/16W 100 OHM	RM65	0790051R	RES.CHIP 1/16W 10K OHM
RJ48	0790039R	RES.CHIP 1/16W 1.5K OHM	RM66	0790047R	RES.CHIP 1/16W 5.6K OHM
RJ49	AQ00172R	RES.CHIP 1/16W 150 OHM TAPE	RV01	0790024R	RES.CHIP 1/16W 100 OHM
RJ50	0790057R	RES.CHIP 1/16W 33K OHM	RV02	0790043R	RES.CHIP 1/16W 2.7K OHM
RJ52	0790051R	RES.CHIP 1/16W 10K OHM	RV03	0790037R	RES.CHIP 1/16W 1.0K OHM
RJ53	0790051R	RES.CHIP 1/16W 10K OHM	RV04	0790037R	RES.CHIP 1/16W 1.0K OHM
RJ54	0790037R	RES.CHIP 1/16W 1.0K OHM	RV05	0790059R	RES.CHIP 1/16W 47K OHM
RJ55	0790024R	RES.CHIP 1/16W 100 OHM	RV06	0790055R	RES.CHIP 1/16W 22K OHM
RJ56	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RV07	0790024R	RES.CHIP 1/16W 100 OHM
RJ57 RJ58	0790024R	RES.CHIP 1/16W 100 OHM	RV08 RV09	0790035R	RES.CHIP 1/16W 680 OHM RES.CHIP 1/16W 560 OHM
RJ58 RJ59	0790001R 0790057R	CHIP RESISTOR RECJUMPER-1-16C16T1608 RES.CHIP 1/16W 33K OHM	RV09 RV10	0790034R AQ00193R	RES.CHIP 1/16W 360 OHM RES.CHIP 1/16W 910 OHM TAPE
RJ65		RES.CHIP 1/16W 33K OHM	RV10 RV12	0790024R	RES.CHIP 1/16W 910 OHM
			RV12		RES.CHIP 1/16W 1.8K OHM
RJ69	0790001R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RV14	0790041R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
RJ70	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RV15	0790024R	RES.CHIP 1/16W 100 OHM
RJ71	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RV16	0790044R	RES.CHIP 1/16W 3.3K OHM
RJ72	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RV17	0790037R	RES.CHIP 1/16W 1.0K OHM
RJ73	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RV18	0790037R	RES.CHIP 1/16W 1.0K OHM
RJ74	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RV19	0790059R	RES.CHIP 1/16W 47K OHM
RJ75	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RV20	0790055R	RES.CHIP 1/16W 22K OHM
RJ76	AQ00149R	RES.CHIP 1/16W 22 OHM TAPE	RV21	0790024R	RES.CHIP 1/16W 100 OHM
RJ77		RES.CHIP 1/16W 390 OHM TAPE	RV22	0790035R	RES.CHIP 1/16W 680 OHM
RJ82	0790057R	RES.CHIP 1/16W 33K OHM	RV23	0790034R	RES.CHIP 1/16W 560 OHM
RJ83		RES.CHIP 1/16W 33K OHM	RV24	0790038R	RES.CHIP 1/16W 1.2K OHM
RJ85		RES.CHIP 1/16W 1.0K OHM	RV26	0790024R	RES.CHIP 1/16W 100 OHM
RJ86		RES.CHIP 1/16W 100 OHM	RV27	0790041R	RES.CHIP 1/16W 1.8K OHM
RJ88	0790024R	RES.CHIP 1/16W 100 OHM	RV28	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608

SYMBOL   PART   PART   PART   NO. NO.   DESCRIPTION   NO.   DESCRIPTION   NO.   DESCRIPTION   NO.   DESCRIPTION   NO.   DESCRIPTION   NO.   NO.   DESCRIPTION   NO.   DESCRIPTION   NO.   NO.   NO.   DESCRIPTION   NO.   NO	ART
RY30 0790058R RES.CHIP 1/16W 22W CHM RY30 0790058R RES.CHIP 1/16W 27W CHM RY32 0790058R RES.CHIP 1/16W 100 CHM RY32 0790058R RES.CHIP 1/16W 100 CHM RY33 0790038R RES.CHIP 1/16W 100 CHM RY35 0790038R RES.CHIP 1/16W 100 CHM RY36 0790038R RES.CHIP 1/16W 100 CHM RY31 079003	
RY32 0790024R RES.CHIP 1/16W 100 CHM RW61 0790036R RES.CHIP 1/16W 22K CHM RV33 0790024R RES.CHIP 1/16W 100 CHM RW33 0790037R RES.CHIP 1/16W 756 L TAPE RW67 079004R RES.1608CHIP 1/16W 756 L TAPE RW67 079004R RES.1608CHIP 1/16W 756 L TAPE RW67 079004R RES.CHIP 1/16W 100 CHM RW38 079004R RES.CHIP 1/16W 27K CHM RW39 079004R RES.CHIP 1/16W 27K CHM RW02 0790056R RES.CHIP 1/16W 27K CHM RW02 0790056R RES.CHIP 1/16W 27K CHM RW03 079004R RES.CHIP 1/16W 100 CHM RW04 079004R RES.CHIP 1/16W 100 CHM RW04 079004R RES.CHIP 1/16W 100 CHM RW04 079004R RES.CHIP 1/16W 100 CHM RW05 079004R RES.CHIP 1/16W 3.3K CHM RW10 079004R RES.CHIP 1/16W 3.5K CHM RW11 079004R RES.CHI	
RV35 0790038R RES.CHIP 1/16W 100 OHM RV63 0790059R RES.CHIP 1/16W 47K OHM RV36 0190069R RES1608CHIP 1/16W 750-J TAPE RV64 079004R RES1608CHIP 1/16W 750-J TAPE RV64 079004R RES1608CHIP 1/16W 750-J TAPE RV67 079004R RES1618 CHIP 1/16W 1.6K OHM RV37 079004R RES1618 CHIP 1/16W 1.6K OHM RV39 079004R RES1618 CHIP 1/16W 1.6K OHM RV60 1790058R RES1618 P1/16W 100 OHM RV60 1790042R RES1618 P1/16W 100 OHM RV60 079004R RES1618 P1/16W 1.0K OHM RV61 079004R RES1818 P1/16W 1.0K OHM RV61 079004R RES181	1
RV36 0790033R RES_CHIP 1/16W 470 OHM RV36 0196062R RES_1608CHIP 1/16W 750_J TAPE RW64 0790041R RES_1608CHIP 1/16W 750_J TAPE RW67 0790041R RES_CHIP 1/16W 180_OHM RX37 0196064R RES_1608CHIP 1/16W 750_J TAPE RW67 0790024R RES_CHIP 1/16W 180_OHM RX30 0790043R RES_CHIP 1/16W 100_OHM RX01 AQ00164R RES_CHIP 1/16W 27K OHM RX01 AQ00164R RES_CHIP 1/16W 27K OHM RX01 0790056R RES_CHIP 1/16W 27K OHM RX02 AQ00164R RES_CHIP 1/16W 27K OHM RX03 AQ00164R RES_CHIP 1/16W 27K OHM RX03 0790056R RES_CHIP 1/16W 27K OHM RX03 0790056R RES_CHIP 1/16W 27K OHM RX04 0790066R RES_CHIP 1/16W 27K OHM RX04 0790046R RES_CHIP 1/16W 27K OHM RX05 0790047R RES_CHIP 1/16W 2.7K OHM RX05 0790047R RES_CHIP 1/16W 2.7K OHM RX06 0790047R RES_CHIP 1/16W 5.6K OHM RX06 0790037R RES_CHIP 1/16W 180_OHM RX07 0790047R RES_CHIP 1/16W 5.6K OHM RX07 0790047R RES_CHIP 1/16W 5.6K OHM RX07 0790036R RES_CHIP 1/16W 3.6K OHM RX11 0790036R RES_CHIP 1/16W 3.6K OHM RX14 0790037R RES_CHIP 1/16W 3.	1
RV36 0196064R RES1608CHIP 1/16W 750-J TAPE RW67 0790041R RES.CHIP 1/16W 100 OHM RV38 0790024R RES.CHIP 1/16W 100 OHM RX01 AQ00164R RES.CHIP 1/16W 100 OHM RX01 AQ00164R RES.CHIP 1/16W 100 OHM RX02 AQ00164R RES.CHIP 1/16W 27K OHM RX02 AQ00164R RES.CHIP 1/16W 27K OHM RX02 AQ00164R RES.CHIP 1/16W 27K OHM RX03 AQ00164R RES.CHIP 1/16W 75 OHM 71 RW01 0790056R RES.CHIP 1/16W 27K OHM RX03 AQ00164R RES.CHIP 1/16W 75 OHM 71 RW02 0790056R RES.CHIP 1/16W 27K OHM RX04 0790064R RES.CHIP 1/16W 27K OHM RX04 0790064R RES.CHIP 1/16W 100 OHM RX05 0790069R RES.CHIP 1/16W 27K OHM RX06 0790047R RES.CHIP 1/16W 100 OHM RX06 0790047R RES.CHIP 1/16W 56K OHM RX06 0790047R RES.CHIP 1/16W 100 OHM RX06 0790047R RES.CHIP 1/16W 56K OHM RX06 0790047R RES.CHIP 1/16W 50 OHM RX06 0790047R RES.CHIP 1/16W 50 OHM RX06 0790047R RES.CHIP 1/16W 50 OHM RX10 0790047R RES.CHIP 1/16W 50 OHM RX10 0790067R RES.CHIP 1/16W 50 OHM RX10 0790067R RES.CHIP 1/16W 50 OHM RX11 0790067R RES.CHIP 1/16W 50 OHM RX11 0790067R RES.CHIP 1/16W 50 OHM RX11 0790067R RES.CHIP 1/16W 27K OHM RX11 0790067R RES.CHIP 1/16W 27K OHM RX11 0790067R RES.CHIP 1/16W 50 OHM RX11 0790067R RES.CHIP 1/16W 50 OHM RX11 0790047R RES.CHIP 1/16	Л
RY38 0790024R RES.CHIP 1/16W 100 OHM RX01 0790024R RES.CHIP 1/16W 100 OHM RX03 0790024R RES.CHIP 1/16W 100 OHM RX02 AQ00164R RES.CHIP 1/16W 75 OHM 7. RW01 0790056R RES.CHIP 1/16W 27K OHM RX03 AQ00164R RES.CHIP 1/16W 75 OHM 7. RW01 0790056R RES.CHIP 1/16W 27K OHM RX03 AQ00164R RES.CHIP 1/16W 75 OHM 7. RW02 0790056R RES.CHIP 1/16W 27K OHM RX03 AQ00164R RES.CHIP 1/16W 75 OHM 7. RW03 0790024R RES.CHIP 1/16W 75 OHM 7. RX05 0790056R RES.CHIP 1/16W 75 OHM 7. RX05 0790056R RES.CHIP 1/16W 75 OHM 7. RX05 0790056R RES.CHIP 1/16W 22K OHM RX05 0790024R RES.CHIP 1/16W 100 OHM RX05 0790024R RES.CHIP 1/16W 100 OHM RX06 0790027R RES.CHIP 1/16W 100 OHM RX06 0790027R RES.CHIP 1/16W 100 OHM RX06 0790027R RES.CHIP 1/16W 100 OHM RX09 0790037R RES.CHIP 1/16W 100 OHM RX09 0790037R RES.CHIP 1/16W 100 OHM RX09 0790036R RES.CHIP 1/16W 33 KOHM RX09 0790036R RES.CHIP 1/16W 33 KOHM RX10 0790036R RES.CHIP 1/16W 56K OHM RX11 0790036R RES.CHIP 1/16W 56K OHM RX13 0790037R RES.CHIP 1/16W 56K O	K-J TAPE
RV38 0790024R RES.CHIP 1/16W 120 OHM RX01 AQQ0164R RES.CHIP 1/16W 75 OHM 7. RW01 0790058R RES.CHIP 1/16W 27K OHM RX03 AQQ0164R RES.CHIP 1/16W 27K OHM RX03 AQQ0164R RES.CHIP 1/16W 27K OHM RX03 AQQ0164R RES.CHIP 1/16W 27K OHM RX04 0790068R RES.CHIP 1/16W 27K OHM RX04 0790068R RES.CHIP 1/16W 27K OHM RX05 0790024R RES.CHIP 1/16W 100 OHM RX05 0790024R RES.CHIP 1/16W 100 OHM RX05 0790047R RES.CHIP 1/16W 100 OHM RX06 0790047R RES.CHIP 1/16W 20 OHM RX10 0790047R RES.CHIP 1/16W 20 OHM RX11 0790069R RES.CHIP 1/16W 20 OHM RX11 0790069R RES.CHIP 1/16W 20 OHM RX11 0790069R RES.CHIP 1/16W 20 OHM RX11 0790047R RES.CHIP 1/16W 1.6K OHM RX11 0790047R RES.CHIP 1/16W 20 OHM RX11 0790069R RES.CHIP 1/16W 20	M
RX39 0790043R RES.CHIP 1/16W 2.7K OHM RX00 AQ00164R RES.CHIP 1/16W 75 OHM 7.  RW01 0790056R RES.CHIP 1/16W 22K OHM RX04 0790066R RES.CHIP 1/16W 75 OHM 7.  RW02 0790056R RES.CHIP 1/16W 27K OHM RX04 0790066R RES.CHIP 1/16W 75 OHM 7.  RW03 0790042R RES.CHIP 1/16W 10 OHM RX06 0790067R RES.CHIP 1/16W 270K OHM RX05 0790047R RES.CHIP 1/16W 2.2K OHM RX07 0790047R RES.CHIP 1/16W 2.2K OHM RX07 0790047R RES.CHIP 1/16W 1.0K OHM RX07 0790047R RES.CHIP 1/16W 1.0K OHM RX07 0790047R RES.CHIP 1/16W 1.0K OHM RX08 AQ00164R RES.CHIP 1/16W 5.6K OHM RX08 AQ00164R RES.CHIP 1/16W 5.0H OHM RX09 AQ00164R RES.CHIP 1/16W 5.0H OHM RX11 0790068R RES.CHIP 1/16W 22K OHM RX11 0790068R RES.CHIP 1/16W 22K OHM RX11 0790068R RES.CHIP 1/16W 22K OHM RX11 0790068R RES.CHIP 1/16W 8.0H OHM RX12 0790068R RES.CHIP 1/16W 8.0H OHM RX12 0790041R RES.CHIP 1/16W 8.0H OHM RX13 0790047R RES.CHIP 1/16W 5.6K OHM RX11 0790048R RES.CHIP 1/16W 1.8K OHM RX14 0790047R RES.CHIP 1/16W 5.6K OHM RX14 0790047R RES.CHIP 1/16W 5.6K OHM RX14 0790047R RES.CHIP 1/16W 1.8K OHM RX14 0790047R RES.CHIP 1/16W 5.6K OHM RX14 0790047R RES.CHIP 1/16W 1.6K OHM RX15 0790047R RES.CHIP 1/16W 5.6K OHM RX16 0790047R RES.CHIP 1/16W 1.6K OHM RX21 0790047R RES.CHIP 1/16W 1.6K OHM RX22 0790047R RES.CHIP 1/16W 1.6K	1
RW01 0790055R RES.CHIP 1/16W 27K OHM RX03 0790069R RES.CHIP 1/16W 27K OHM RX04 0790069R RES.CHIP 1/16W 176 OHM RX05 0790069R RES.CHIP 1/16W 170 OHM RX05 0790069R RES.CHIP 1/16W 170 OHM RX05 0790047R RES.CHIP 1/16W 170 OHM RX05 0790047R RES.CHIP 1/16W 180 OHM RX06 0790047R RES.CHIP 1/16W 20 OHM RX09 0790047R RES.CHIP 1/16W 20 OHM RX09 0790047R RES.CHIP 1/16W 33K OHM RX10 0790047R RES.CHIP 1/16W 33K OHM RX11 0790069R RES.CHIP 1/16W 75 OHM 7. RW09 0790064R RES.CHIP 1/16W 25K OHM RX11 0790069R RES.CHIP 1/16W 27K OHM RX11 0790047R RES.CHIP 1/16W 1.8K OHM RX11 0790047R RES.CHIP 1/16W 2.CW OHM RX15 0790037R RES.CHIP 1/16W 22K OHM RX15 0790037R RES.CHIP 1/16W 22K OHM RX16 0790037R RES.CHIP 1/16W 22K OHM RX16 0790037R RES.CHIP 1/16W 22K OHM RX17 0790069R RES.CHIP 1/16W 22K OHM RX17 0790069R RES.CHIP 1/16W 22K OHM RX17 0790069R RES.CHIP 1/16W 22K OHM RX18 0790037R RES.CHIP 1/16W 22K OHM RX19 0790047R RES.CHIP 1/16W 22K OHM RX20 0790047R RES.CHIP 1/16W 22K OHM RX21 0790047R RES.CHIP 1/16W 22K OHM RX21 0790047R RES.CHIP 1/16W 22K OHM RX22 0790047R RES.CHIP 1/16W 22K OHM RX21 0790047R RES.CHIP 1/16W 22K OHM RX22 0790047R RES.CHIP 1/16W 22K OHM RX22 0790047R RES.CHIP 1/16W 22K OHM RX22 0790047R RES.CHIP 1/16W 36K OHM RX22 0790047R RES.CHIP 1/16W 10 OHM RX22 0790047R RES.CHIP 1/16W 10 OHM RX22 0790047R RES.CHIP 1/16W 10 OHM RX22 0790	TAPE
RW02 0790024R RES.CHIP 1/16W 27K OHM RX05 0790069R RES.CHIP 1/16W 270K OHM RX06 0790042R RES.CHIP 1/16W 100 OHM RX06 0790047R RES.CHIP 1/16W 5.6K OHM RX06 0790037R RES.CHIP 1/16W 1.0K OHM RX06 0790047R RES.CHIP 1/16W 5.6K OHM RX06 0790037R RES.CHIP 1/16W 1.0K OHM RX07 0790047R RES.CHIP 1/16W 5.6K OHM RX06 0790037R RES.CHIP 1/16W 180 OHM RX08 AQ00164R RES.CHIP 1/16W 7.5 OHM TX RX09 AQ00164R RES.CHIP 1/16W 7.5 OHM TX RX11 AQ00164R RES.CHIP 1/16W 7.5 OHM TX RX14 AQ00164R RES.CHIP 1/16W 7.5 OHM TX RX14 AQ00164R RES.CHIP 1/16W 7.5 OHM TX RX14 AQ00164R RES.CHIP 1/16W 7.5 OHM TX RX15 AQ00164R RES.CHIP 1/16W 7.5 OHM TX RX19 AQ00164R RES.CHIP 1/16W 7.5 OHM TX RX21 AQ00164R RES.CHIP 1/16W 7.5 OHM TX RX22 AQ00164R RES.CHIP 1/16	TAPE
RW03         0790024R         RES.CHIP 1/16W 100 OHM         RX05         0790069R         RES.CHIP 1/16W 270K OHM           RW04         0790042R         RES.CHIP 1/16W 1.0K OHM         RX06         0790047R         RES.CHIP 1/16W 5.6K OHM           RW06         0790027R         RES.CHIP 1/16W 1.0K OHM         RX07         0790047R         RES.CHIP 1/16W 5.6K OHM           RW07         0790036R         RES.CHIP 1/16W 80 OHM         RX08         AQ00164R         RES.CHIP 1/16W 75 OHM 7.           RW08         0790044R         RES.CHIP 1/16W 33K OHM         RX10         AQ00164R         RES.CHIP 1/16W 75 OHM 7.           RW09         0790061R         RES.CHIP 1/16W 22K OHM         RX11         0790069R         RES.CHIP 1/16W 75 OHM 7.           RW10         0790048R         RES.CHIP 1/16W 22K OHM         RX11         0790069R         RES.CHIP 1/16W 75 OHM 7.           RW11         0790048R         RES.CHIP 1/16W 1.0K OHM         RX11         0790047R         RES.CHIP 1/16W 5.6K OHM           RW12         0790048R         RES.CHIP 1/16W 1.0K OHM         RX14         0790047R         RES.CHIP 1/16W 5.6K OHM           RW14         0790039R         RES.CHIP 1/16W 1.0K OHM         RX15         0790037R         RES.CHIP 1/16W 5.6K OHM           RW14         0790039R         RES.CHI	
RW04         0790042R         RES.CHIP 1/16W 2.2K OHM         RX06         0790047R         RES.CHIP 1/16W 5.6K OHM           RW05         0790037R         RES.CHIP 1/16W 1.0K OHM         RX07         0790047R         RES.CHIP 1/16W 5.6K OHM           RW06         0790036R         RES.CHIP 1/16W 80 OHM         RX08         AQ00164R         RES.CHIP 1/16W 75 OHM 7.           RW07         0790036R         RES.CHIP 1/16W 820 OHM         RX10         AQ00164R         RES.CHIP 1/16W 75 OHM 7.           RW08         0790044R         RES.CHIP 1/16W 3.5K OHM         RX11         AQ00164R         RES.CHIP 1/16W 75 OHM 7.           RW09         0790041R         RES.CHIP 1/16W 3.5K OHM         RX11         AQ00164R         RES.CHIP 1/16W 270K OHM           RW10         0790055R         RES.CHIP 1/16W 26K OHM         RX11         0790069R         RES.CHIP 1/16W 270K OHM           RW11         0790048R         RES.CHIP 1/16W 1.0K OHM         RX13         0790047R         RES.CHIP 1/16W 270K OHM           RW12         0790048R         RES.CHIP 1/16W 1.0K OHM         RX11         0790047R         RES.CHIP 1/16W 5.6K OHM           RW13         0790024R         RES.CHIP 1/16W 1.0K OHM         RX15         0790047R         RES.CHIP 1/16W 1.0K OHM           RW14         0790029R         RES.CH	
RW05         0790037R         RES.CHIP 1/16W 1.0K OHM         RX07         0790047R         RES.CHIP 1/16W 75 OHM 7.           RW06         0790027R         RES.CHIP 1/16W 180 OHM         RX08         AQ00164R         RES.CHIP 1/16W 75 OHM 7.           RW07         0790036R         RES.CHIP 1/16W 3.3K OHM         RX10         AQ00164R         RES.CHIP 1/16W 75 OHM 7.           RW08         0790041R         RES.CHIP 1/16W 3.3K OHM         RX11         0790069R         RES.CHIP 1/16W 75 OHM 7.           RW10         0790051R         RES.CHIP 1/16W 56K OHM         RX11         0790069R         RES.CHIP 1/16W 270 OHM 7.           RW11         0790048R         RES.CHIP 1/16W 6.8K OHM         RX13         0790047R         RES.CHIP 1/16W 270K OHM 7.           RW12         0790041R         RES.CHIP 1/16W 1.6K OHM         RX14         0790047R         RES.CHIP 1/16W 270K OHM 7.           RW13         0790029R         RES.CHIP 1/16W 1.5K OHM         RX15         0790037R         RES.CHIP 1/16W 1.5K OHM 7.           RW14         0790039R         RES.CHIP 1/16W 20 OHM         RX16         AQ00164R         RES.CHIP 1/16W 7.5 OHM 7.           RW15         0790039R         RES.CHIP 1/16W 20 OHM         RX16         AQ00164R         RES.CHIP 1/16W 20 OHM 7.           RW16         0790039R	
RW06 0790027R RES.CHIP 1/16W 180 OHM RX09 AQQ0164R RES.CHIP 1/16W 75 OHM TX RW07 0790039R RES.CHIP 1/16W 32N OHM RX10 AQQ0164R RES.CHIP 1/16W 33K OHM RX10 0790048R RES.CHIP 1/16W 33K OHM RX11 0790069R RES.CHIP 1/16W 270K OHM RX11 0790069R RES.CHIP 1/16W 270K OHM RX11 0790069R RES.CHIP 1/16W 22K OHM RX11 0790047R RES.CHIP 1/16W 22K OHM RX11 0790047R RES.CHIP 1/16W 56K OHM RX11 0790047R RES.CHIP 1/16W 180K OHM RX14 0790047R RES.CHIP 1/16W 56K OHM RX13 0790047R RES.CHIP 1/16W 100 OHM RX15 0790037R RES.CHIP 1/16W 100 OHM RX15 0790037R RES.CHIP 1/16W 15K OHM RX16 0790037R RES.CHIP 1/16W 15K OHM RX16 0790037R RES.CHIP 1/16W 15K OHM RX16 0790039R RES.CHIP 1/16W 22K OHM RX17 0790069R RES.CHIP 1/16W 27K OHM RX17 0790069R RES.CHIP 1/16W 22K OHM RX18 0790069R RES.CHIP 1/16W 27K OHM RX18 0790069R RES.CHIP 1/16W 27K OHM RX19 0790037R RES.CHIP 1/16W 22K OHM RX19 0790037R RES.CHIP 1/16W 12K OHM RX20 0790037R RES.CHIP 1/16W 12K OHM RX20 0790037R RES.CHIP 1/16W 12K OHM RX21 0790047R RES.CHIP 1/16W 12K OHM RX21 0790047R RES.CHIP 1/16W 27K OHM RX21 0790047R RES.CHIP 1/16W 27K OHM RX22 0790047R RES.CHIP 1/16W 47K OHM RX22 0790047R RES.CHIP 1/16W 47K OHM RX22 0790047R RES.CHIP 1/16W 5.6K OHM RX21 0790047R RES.CHIP 1/16W 47K OHM RX22 0790047R RES.CHIP 1/16W 10K OHM RX24 0790047R RES.CHIP 1/16W 5.6K OHM RX24 0790047R RES.CHIP 1/16W 10K OHM RX24 0790047R RES.CHIP 1/16W 10K OHM RX24 0790047R RES.CHIP 1/16W 5.6K OHM RX24 0790047R RES.CHIP 1/16W 10K OHM RX25 0790047R RES.CHIP 1/16W 10K OHM RX26 0790037R RES.CHIP 1/16W 10K OHM RX27 0790037R RES.CHIP 1/16W 10K OHM RX28 0790037R RES.CHIP 1/16W 10K OHM RX30 0790047R RES.CHIP 1/16W 10K OHM RX31 AQ00164R RES.CHIP 1/16W 10K OHM RX31 AQ00164R RES.CHIP 1/16W 10K OHM RX33 0790047R RES.CHIP 1/16W 10K OHM RX33 0790047R RES.CHIP 1/16W 10K OHM RX33 0790047R RES.CHIP 1/16W 10K OHM RX3	
RW07         0790036R         RES.CHIP 1/16W 820 OHM         RX09         AQ00164R         RES.CHIP 1/16W 75 OHM T/RW09           RW08         0790044R         RES.CHIP 1/16W 33K OHM         RX10         AQ00164R         RES.CHIP 1/16W 75 OHM T/RW09           RW09         0790056R         RES.CHIP 1/16W 22K OHM         RX11         0790069R         RES.CHIP 1/16W 22K OHM           RW11         0790048R         RES.CHIP 1/16W 6.8K OHM         RX13         0790047R         RES.CHIP 1/16W 5.6K OHM           RW12         0790031R         RES.CHIP 1/16W 1.0 OHM         RX13         0790047R         RES.CHIP 1/16W 5.6K OHM           RW13         0790032R         RES.CHIP 1/16W 1.5K OHM         RX14         0790037R         RES.CHIP 1/16W 1.0K OHM           RW14         07900338R         RES.CHIP 1/16W 1.5K OHM         RX16         AQ00164R         RES.CHIP 1/16W 270K OHM           RW15         0790028R         RES.CHIP 1/16W 22O OHM         RX17         0790069R         RES.CHIP 1/16W 270K OHM           RW17         0790068R         RES.CHIP 1/16W 37K OHM         RX18         0790069R         RES.CHIP 1/16W 270K OHM           RW17         0790068R         RES.CHIP 1/16W 37K OHM         RX20         AQ00164R         RES.CHIP 1/16W 75 OHM 7.           RW18         0790037R         R	
RW08         0790044R         RES.CHIP 1/16W 3.3K OHM         RX10         AQ00164R         RES.CHIP 1/16W 75 OHM T/RW09           RW09         0790061R         RES.CHIP 1/16W 56K OHM         RX11         0790069R         RES.CHIP 1/16W 270K OHM           RW11         0790047R         RES.CHIP 1/16W 26K OHM         RX12         0790047R         RES.CHIP 1/16W 270K OHM           RW11         0790048R         RES.CHIP 1/16W 6.8K OHM         RX13         0790047R         RES.CHIP 1/16W 5.6K OHM           RW12         0790041R         RES.CHIP 1/16W 1.8K OHM         RX14         0790047R         RES.CHIP 1/16W 5.6K OHM           RW14         0790037R         RES.CHIP 1/16W 1.5K OHM         RX15         0790037R         RES.CHIP 1/16W 1.0K OHM           RW14         0790039R         RES.CHIP 1/16W 1.5K OHM         RX17         0790069R         RES.CHIP 1/16W 220K OHM           RW15         0790028R         RES.CHIP 1/16W 47K OHM         RX18         0790069R         RES.CHIP 1/16W 20K OHM           RW17         0790068R         RES.CHIP 1/16W 47K OHM         RX18         0790069R         RES.CHIP 1/16W 20K OHM           RW18         0790037R         RES.CHIP 1/16W 47K OHM         RX21         0790069R         RES.CHIP 1/16W 20K OHM           RW19         0790042R         RES.CHIP	
RW09         0790061R         RES.CHIP 1/16W 56K OHM         RX11         0790069R         RES.CHIP 1/16W 270K OHM           RW10         0790055R         RES.CHIP 1/16W 22K OHM         RX12         0790069R         RES.CHIP 1/16W 270K OHM           RW11         0790041R         RES.CHIP 1/16W 6.8K OHM         RX13         0790047R         RES.CHIP 1/16W 5.6K OHM           RW13         0790024R         RES.CHIP 1/16W 1.0K OHM         RX15         0790037R         RES.CHIP 1/16W 5.6K OHM           RW14         0790039R         RES.CHIP 1/16W 1.5K OHM         RX15         0790037R         RES.CHIP 1/16W 7.0K OHM           RW14         0790039R         RES.CHIP 1/16W 1.5K OHM         RX16         AQ00164R         RES.CHIP 1/16W 20 OHM           RW16         0790059R         RES.CHIP 1/16W 47K OHM         RX18         0790069R         RES.CHIP 1/16W 270K OHM           RW17         0790068R         RES.CHIP 1/16W 22CK OHM         RX19         AQ00164R         RES.CHIP 1/16W 75 OHM T           RW19         0790037R         RES.CHIP 1/16W 1.0K OHM         RX20         AQ00164R         RES.CHIP 1/16W 75 OHM T           RW19         07900338R         RES.CHIP 1/16W 1.0K OHM         RX21         0790047R         RES.CHIP 1/16W 10 OHM           RW21         0790046R         RES.CHIP 1/	
RW10         0790055R         RES.CHIP 1/16W 22K OHM         RX12         0790069R         RES.CHIP 1/16W 270K OHM           RW11         0790048R         RES.CHIP 1/16W 6.8K OHM         RX13         0790047R         RES.CHIP 1/16W 5.6K OHM           RW12         0790041R         RES.CHIP 1/16W 1.8K OHM         RX14         0790037R         RES.CHIP 1/16W 5.6K OHM           RW13         0790024R         RES.CHIP 1/16W 100 OHM         RX15         0790037R         RES.CHIP 1/16W 7.0K OHM           RW14         0790039R         RES.CHIP 1/16W 1.5K OHM         RX16         AQ00164R         RES.CHIP 1/16W 7.0K OHM           RW15         0790028R         RES.CHIP 1/16W 220 OHM         RX17         0790069R         RES.CHIP 1/16W 270K OHM           RW16         0790058R         RES.CHIP 1/16W 47K OHM         RX18         0790069R         RES.CHIP 1/16W 770K OHM           RW17         0790068R         RES.CHIP 1/16W 22M OHM         RX19         AQ00164R         RES.CHIP 1/16W 75 OHM T           RW18         0790037R         RES.CHIP 1/16W 22K OHM         RX22         0790044R         RES.CHIP 1/16W 75 OHM T           RW19         0790042R         RES.CHIP 1/16W 2.2K OHM         RX22         0790047R         RES.CHIP 1/16W 10 OHM T           RW21         0790042R         RES.CHIP 1/	
RW11         0790048R         RES.CHIP 1/16W 6.8K OHM         RX13         0790047R         RES.CHIP 1/16W 5.6K OHM           RW12         0790041R         RES.CHIP 1/16W 1.8K OHM         RX14         0790047R         RES.CHIP 1/16W 5.6K OHM           RW13         0790024R         RES.CHIP 1/16W 1.0K OHM         RX15         0790037R         RES.CHIP 1/16W 5.6K OHM           RW14         0790039R         RES.CHIP 1/16W 1.5K OHM         RX16         AQQ0164R         RES.CHIP 1/16W 75 OHM 7.           RW15         0790028R         RES.CHIP 1/16W 220 OHM         RX17         0790069R         RES.CHIP 1/16W 270K OHM           RW16         0790059R         RES.CHIP 1/16W 220K OHM         RX18         0790069R         RES.CHIP 1/16W 270K OHM           RW17         0790068R         RES.CHIP 1/16W 47K OHM         RX19         AQ00164R         RES.CHIP 1/16W 75 OHM 7.           RW18         0790042R         RES.CHIP 1/16W 1.0K OHM         RX20         AQ00164R         RES.CHIP 1/16W 75 OHM 7.           RW21         0790042R         RES.CHIP 1/16W 1.0K OHM         RX21         0790047R         RES.CHIP 1/16W 5.6K OHM           RW22         0790011R         RES.CHIP 1/16W 4.7K OHM         RX22         0790047R         RES.CHIP 1/16W 5.6K OHM           RW22         0790011R         RES.	
RW12         0790041R         RES.CHIP 1/16W 1.8K OHM         RX14         0790047R         RES.CHIP 1/16W 5.6K OHM           RW13         0790024R         RES.CHIP 1/16W 100 OHM         RX15         0790037R         RES.CHIP 1/16W 1.0K OHM           RW14         0790039R         RES.CHIP 1/16W 1.0K OHM         RX16         AQ00164R         RES.CHIP 1/16W 75 OHM 7.           RW15         0790028R         RES.CHIP 1/16W 220 OHM         RX17         0790069R         RES.CHIP 1/16W 220K OHM           RW16         0790059R         RES.CHIP 1/16W 47K OHM         RX18         0790069R         RES.CHIP 1/16W 220K OHM           RW17         0790068R         RES.CHIP 1/16W 220K OHM         RX19         AQ00164R         RES.CHIP 1/16W 75 OHM 7.           RW18         0790037R         RES.CHIP 1/16W 1.0K OHM         RX20         AQ00164R         RES.CHIP 1/16W 75 OHM 7.           RW19         0790037R         RES.CHIP 1/16W 2.2K OHM         RX21         0790024R         RES.CHIP 1/16W 10 OHM           RW20         0790033R         RES.CHIP 1/16W 4.7K OHM         RX22         0790047R         RES.CHIP 1/16W 5.6K OHM           RW21         0790046R         RES.CHIP 1/16W 2.2K OHM         RX22         0790024R         RES.CHIP 1/16W 10W 1.0K OHM           RW22         0790011R         RES	
RW13         0790024R         RES.CHIP 1/16W 100 OHM         RX15         0790037R         RES.CHIP 1/16W 1.0K OHM           RW14         0790039R         RES.CHIP 1/16W 1.5K OHM         RX16         AQ00164R         RES.CHIP 1/16W 75 OHM T.           RW15         079002BR         RES.CHIP 1/16W 20 OHM         RX17         0790069R         RES.CHIP 1/16W 270K OHM           RW16         0790069R         RES.CHIP 1/16W 220 KOHM         RX18         0790069R         RES.CHIP 1/16W 270K OHM           RW17         0790068R         RES.CHIP 1/16W 220 KOHM         RX19         AQ00164R         RES.CHIP 1/16W 75 OHM T.           RW18         0790037R         RES.CHIP 1/16W 1.0K OHM         RX20         AQ00164R         RES.CHIP 1/16W 75 OHM T.           RW19         0790042R         RES.CHIP 1/16W 1.0K OHM         RX21         079004R         RES.CHIP 1/16W 10 OHM           RW20         0790042R         RES.CHIP 1/16W 1.0K OHM         RX22         079004R         RES.CHIP 1/16W 1.0K OHM           RW21         0790046R         RES.CHIP 1/16W 4.7K OHM         RX23         0790047R         RES.CHIP 1/16W 5.6K OHM           RW22         0790011R         RES.CHIP 1/16W 1.0K OHM         RX24         0790024R         RES.CHIP 1/16W 1.0K OHM           RW23         0790042R         RES.CHIP	
RW14         0790039R         RES.CHIP 1/16W 1.5K OHM         RX16         AQ00164R         RES.CHIP 1/16W 75 OHM T/RW15           RW15         0790028R         RES.CHIP 1/16W 220 OHM         RX17         0790069R         RES.CHIP 1/16W 270K OHM           RW16         0790059R         RES.CHIP 1/16W 220K OHM         RX18         0790069R         RES.CHIP 1/16W 270K OHM           RW17         0790068R         RES.CHIP 1/16W 220K OHM         RX19         AQ00164R         RES.CHIP 1/16W 75 OHM 75           RW18         0790037R         RES.CHIP 1/16W 1.0K OHM         RX20         AQ00164R         RES.CHIP 1/16W 75 OHM 75           RW19         0790033R         RES.CHIP 1/16W 2.2K OHM         RX21         0790024R         RES.CHIP 1/16W 100 OHM           RW20         0790033R         RES.CHIP 1/16W 4.7K OHM         RX22         0790047R         RES.CHIP 1/16W 5.6K OHM           RW21         0790046R         RES.CHIP 1/16W 1.0K OHM         RX23         0790024R         RES.CHIP 1/16W 5.6K OHM           RW22         0790042R         RES.CHIP 1/16W 1.0K OHM         RX24         0790024R         RES.CHIP 1/16W 1.0K OHM           RW23         0790042R         RES.CHIP 1/16W 1.0K OHM TAPE         RX26         0790037R         RES.CHIP 1/16W 1.0K OHM           RW25         AQ00194R	
RW15         0790028R         RES.CHIP 1/16W 220 OHM         RX17         0790069R         RES.CHIP 1/16W 270K OHM           RW16         0790059R         RES.CHIP 1/16W 47K OHM         RX18         0790069R         RES.CHIP 1/16W 270K OHM           RW17         0790068R         RES.CHIP 1/16W 1.0K OHM         RX19         AQ00164R         RES.CHIP 1/16W 75 OHM T/           RW18         0790037R         RES.CHIP 1/16W 1.0K OHM         RX21         0790024R         RES.CHIP 1/16W 75 OHM T/           RW19         0790042R         RES.CHIP 1/16W 4.0 OHM         RX21         0790047R         RES.CHIP 1/16W 100 OHM           RW20         0790033R         RES.CHIP 1/16W 4.7K OHM         RX22         0790047R         RES.CHIP 1/16W 5.6K OHM           RW21         0790046R         RES.CHIP 1/16W 4.7K OHM         RX23         0790047R         RES.CHIP 1/16W 5.6K OHM           RW22         0790011R         RES.CHIP 1/16W 1.0K OHM         RX24         0790024R         RES.CHIP 1/16W 100 OHM           RW23         0790042R         RES.CHIP 1/16W 1.0K OHM TAPE         RX26         0790037R         RES.CHIP 1/16W 1.0K OHM           RW24         AQ00194R         RES.CHIP 1/16W 3.0K OHM         RX27         AQ00164R         RES.CHIP 1/16W 7.5 OHM T/           RW26         0790058R         R	
RW16         0790059R         RES.CHIP 1/16W 47K OHM         RX18         0790069R         RES.CHIP 1/16W 270K OHM           RW17         0790068R         RES.CHIP 1/16W 220K OHM         RX19         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW18         0790037R         RES.CHIP 1/16W 1.0K OHM         RX20         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW19         0790042R         RES.CHIP 1/16W 2.2K OHM         RX21         0790047R         RES.CHIP 1/16W 100 OHM           RW20         0790033R         RES.CHIP 1/16W 470 OHM         RX22         0790047R         RES.CHIP 1/16W 5.6K OHM           RW21         0790046R         RES.CHIP 1/16W 1.0 OHM         RX23         0790047R         RES.CHIP 1/16W 5.6K OHM           RW22         0790011R         RES.CHIP 1/16W 1.0 OHM         RX24         0790024R         RES.CHIP 1/16W 10.0 OHM           RW23         0790042R         RES.CHIP 1/16W 1.0 K OHM TAPE         RX26         0790037R         RES.CHIP 1/16W 1.0 K OHM TAPE           RW24         AQ00194R         RES.CHIP 1/16W 1.0 K OHM TAPE         RX27         AQ00164R         RES.CHIP 1/16W 1.0 K OHM           RW27         0790058R         RES.CHIP 1/16W 1.0 K OHM         RX29         0790069R         RES.CHIP 1/16W 270K OHM           RW28         0790024R </td <td></td>	
RW17 0790068R RES.CHIP 1/16W 220K OHM RX19 AQ00164R RES.CHIP 1/16W 75 OHM TARM 0790037R RES.CHIP 1/16W 1.0K OHM RX20 AQ00164R RES.CHIP 1/16W 75 OHM TARM 0790042R RES.CHIP 1/16W 2.2K OHM RX21 0790044R RES.CHIP 1/16W 100 OHM RX20 0790043R RES.CHIP 1/16W 4.7K OHM RX21 0790044R RES.CHIP 1/16W 5.6K OHM RX21 0790047R RES.CHIP 1/16W 5.6K OHM RX21 0790047R RES.CHIP 1/16W 5.6K OHM RX21 0790047R RES.CHIP 1/16W 5.6K OHM RX23 0790047R RES.CHIP 1/16W 5.6K OHM RX23 0790047R RES.CHIP 1/16W 5.6K OHM RX23 0790047R RES.CHIP 1/16W 100 OHM RX23 0790042R RES.CHIP 1/16W 100 OHM RX24 0790024R RES.CHIP 1/16W 100 OHM RX24 0790024R RES.CHIP 1/16W 100 OHM RX25 0790047R RES.CHIP 1/16W 100 OHM RX24 0790047R RES.CHIP 1/16W 1.0K OHM TAPE RX26 0790037R RES.CHIP 1/16W 1.0K OHM TAPE RX26 0790037R RES.CHIP 1/16W 1.0K OHM TAPE RX27 0790069R RES.CHIP 1/16W 75 OHM TAW	
RW18 0790037R RES.CHIP 1/16W 1.0K OHM RX20 AQ00164R RES.CHIP 1/16W 75 OHM T/RW19 0790042R RES.CHIP 1/16W 2.2K OHM RX21 0790024R RES.CHIP 1/16W 100 OHM RX20 0790033R RES.CHIP 1/16W 4.7K OHM RX22 0790047R RES.CHIP 1/16W 5.6K OHM RW21 0790046R RES.CHIP 1/16W 4.7K OHM RX23 0790047R RES.CHIP 1/16W 5.6K OHM RW22 0790011R RES.CHIP 1/16W 10 OHM RX24 0790024R RES.CHIP 1/16W 10 OHM RX23 0790042R RES.CHIP 1/16W 2.2K OHM RX25 0790024R RES.CHIP 1/16W 100 OHM RX23 0790042R RES.CHIP 1/16W 1.0K OHM RX25 0790024R RES.CHIP 1/16W 1.0K OHM RX24 AQ00194R RES.CHIP 1/16W 1.0K OHM TAPE RX26 0790037R RES.CHIP 1/16W 1.0K OHM TAPE RX27 AQ00164R RES.CHIP 1/16W 75 OHM T/RW26 0790058R RES.CHIP 1/16W 39K OHM RX28 0790069R RES.CHIP 1/16W 270K OHM RX28 0790069R RES.CHIP 1/16W 100 OHM RX28 0790069R RES.CHIP 1/16W 100 OHM RX29 0790069R RES.CHIP 1/16W 270K OHM RX28 0790024R RES.CHIP 1/16W 100 OHM RX30 AQ00164R RES.CHIP 1/16W 75 OHM T/RW29 AQ00187R RES.CHIP 1/16W 100 OHM RX30 AQ00164R RES.CHIP 1/16W 75 OHM T/RW29 AQ00187R RES.CHIP 1/16W 100 OHM RX31 AQ00164R RES.CHIP 1/16W 75 OHM T/RW30 0790037R RES.CHIP 1/16W 1.0K OHM TAPE RX31 AQ00164R RES.CHIP 1/16W 75 OHM T/RW30 AQ00187R RES.CHIP 1/16W 1.0K OHM TAPE RX31 AQ00164R RES.CHIP 1/16W 75 OHM T/RW30 AQ00187R RES.CHIP 1/16W 1.0K OHM TAPE RX31 AQ00164R RES.CHIP 1/16W 75 OHM T/RW30 AQ00187R RES.CHIP 1/16W 1.0K OHM TAPE RX33 0790047R RES.CHIP 1/16W 5.6K OHM RX33 AQ00187R RES.CHIP 1/16W 1.0K OHM TAPE RX34 0790047R RES.CHIP 1/16W 5.6K OHM RX35 0790024R RES.CHIP 1/16W 1.0K OHM RX36 0790024R RES.CHIP 1/16W 1.0K OHM RX37 0790037R RES.CHIP 1/16W 1.0K OHM RX38 0790064R RES.CHIP 1/16W 1.0K OHM	
RW19         0790042R         RES.CHIP 1/16W 2.2K OHM         RX21         0790024R         RES.CHIP 1/16W 100 OHM           RW20         0790033R         RES.CHIP 1/16W 470 OHM         RX22         0790047R         RES.CHIP 1/16W 5.6K OHM           RW21         0790046R         RES.CHIP 1/16W 4.7K OHM         RX23         0790047R         RES.CHIP 1/16W 5.6K OHM           RW22         0790011R         RES.CHIP 1/16W 10 OHM         RX24         0790024R         RES.CHIP 1/16W 100 OHM           RW23         0790042R         RES.CHIP 1/16W 10 OHM         RX25         0790024R         RES.CHIP 1/16W 100 OHM           RW24         AQ00194R         RES.CHIP 1/16W 2.2K OHM         RX26         0790037R         RES.CHIP 1/16W 1.0K OHM           RW25         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX26         0790037R         RES.CHIP 1/16W 1.0K OHM TAPE           RW26         0790058R         RES.CHIP 1/16W 10K OHM         RX28         0790069R         RES.CHIP 1/16W 270K OHM           RW27         0790051R         RES.CHIP 1/16W 10K OHM         RX30         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW29         AQ00187R         RES.CHIP 1/16W 1.0K OHM         RX30         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW30         0790037R <td< td=""><td></td></td<>	
RW20         0790033R         RES.CHIP 1/16W 470 OHM         RX22         0790047R         RES.CHIP 1/16W 5.6K OHM           RW21         0790046R         RES.CHIP 1/16W 4.7K OHM         RX23         0790047R         RES.CHIP 1/16W 5.6K OHM           RW22         0790011R         RES.CHIP 1/16W 10 OHM         RX24         0790024R         RES.CHIP 1/16W 100 OHM           RW23         0790042R         RES.CHIP 1/16W 1.0K OHM         RX25         0790024R         RES.CHIP 1/16W 100 OHM           RW24         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX26         0790037R         RES.CHIP 1/16W 1.0K OHM           RW25         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX27         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW26         0790058R         RES.CHIP 1/16W 39K OHM         RX28         0790069R         RES.CHIP 1/16W 270K OHM TAPE           RW27         0790051R         RES.CHIP 1/16W 100 OHM         RX30         AQ00164R         RES.CHIP 1/16W 270K OHM TAPE           RW28         0790024R         RES.CHIP 1/16W 100 OHM         RX30         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW30         AQ00187R         RES.CHIP 1/16W 560 OHM TAPE         RX31         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW31         AQ0019	
RW21         0790046R         RES.CHIP 1/16W 4.7K OHM         RX23         0790047R         RES.CHIP 1/16W 5.6K OHM           RW22         0790011R         RES.CHIP 1/16W 10 OHM         RX24         0790024R         RES.CHIP 1/16W 100 OHM           RW23         0790042R         RES.CHIP 1/16W 2.2K OHM         RX25         0790024R         RES.CHIP 1/16W 100 OHM           RW24         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX26         0790037R         RES.CHIP 1/16W 1.0K OHM           RW25         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX27         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW26         0790058R         RES.CHIP 1/16W 39K OHM         RX28         0790069R         RES.CHIP 1/16W 270K OHM TAPE           RW27         0790051R         RES.CHIP 1/16W 10K OHM         RX29         0790069R         RES.CHIP 1/16W 270K OHM TAPE           RW28         0790024R         RES.CHIP 1/16W 100 OHM         RX30         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW30         AQ00187R         RES.CHIP 1/16W 560 OHM TAPE         RX31         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW31         AQ00194R         RES.CHIP 1/16W 1.0K OHM         RX32         0790024R         RES.CHIP 1/16W 75 OHM TAPE           RW33         AQ	
RW22         0790011R         RES.CHIP 1/16W 10 OHM         RX24         0790024R         RES.CHIP 1/16W 100 OHM           RW23         0790042R         RES.CHIP 1/16W 2.2K OHM         RX25         0790024R         RES.CHIP 1/16W 1.00 OHM           RW24         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX26         0790037R         RES.CHIP 1/16W 1.0K OHM           RW25         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX27         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW26         0790058R         RES.CHIP 1/16W 39K OHM         RX28         0790069R         RES.CHIP 1/16W 270K OHM TAPE           RW27         0790051R         RES.CHIP 1/16W 10K OHM         RX29         0790069R         RES.CHIP 1/16W 270K OHM TAPE           RW28         0790024R         RES.CHIP 1/16W 100 OHM         RX30         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW30         AQ00187R         RES.CHIP 1/16W 560 OHM TAPE         RX31         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW31         AQ00194R         RES.CHIP 1/16W 1.0K OHM         RX32         0790024R         RES.CHIP 1/16W 75 OHM TAPE           RW33         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX33         0790047R         RES.CHIP 1/16W 5.6K OHM           RW34	
RW23         0790042R         RES.CHIP 1/16W 2.2K OHM         RX25         0790024R         RES.CHIP 1/16W 1.00 OHM           RW24         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX26         0790037R         RES.CHIP 1/16W 1.0K OHM           RW25         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX27         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW26         0790058R         RES.CHIP 1/16W 39K OHM         RX28         0790069R         RES.CHIP 1/16W 270K OHM TAPE           RW27         0790051R         RES.CHIP 1/16W 10K OHM         RX29         0790069R         RES.CHIP 1/16W 270K OHM TAPE           RW28         0790024R         RES.CHIP 1/16W 100 OHM         RX30         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW30         0790037R         RES.CHIP 1/16W 560 OHM TAPE         RX31         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW31         AQ00194R         RES.CHIP 1/16W 1.0K OHM         RX32         0790024R         RES.CHIP 1/16W 100 OHM TAPE           RW33         AQ00187R         RES.CHIP 1/16W 1.0K OHM TAPE         RX33         0790047R         RES.CHIP 1/16W 5.6K OHM TAPE           RW34         0790037R         RES.CHIP 1/16W 560 OHM TAPE         RX34         0790047R         RES.CHIP 1/16W 5.6K OHM           RW35<	
RW24         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX26         0790037R         RES.CHIP 1/16W 1.0K OHM TAPE           RW25         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX27         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW26         0790058R         RES.CHIP 1/16W 39K OHM         RX28         0790069R         RES.CHIP 1/16W 270K OHM TAPE           RW27         0790051R         RES.CHIP 1/16W 10K OHM         RX29         0790069R         RES.CHIP 1/16W 270K OHM TAPE           RW28         0790024R         RES.CHIP 1/16W 100 OHM         RX30         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW39         AQ00187R         RES.CHIP 1/16W 560 OHM TAPE         RX31         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW31         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX32         0790024R         RES.CHIP 1/16W 100 OHM TAPE           RW31         AQ00187R         RES.CHIP 1/16W 1.0K OHM TAPE         RX34         0790047R         RES.CHIP 1/16W 5.6K OHM TAPE           RW34         0790037R         RES.CHIP 1/16W 560 OHM TAPE         RX34         0790047R         RES.CHIP 1/16W 5.6K OHM           RW35         0790001R         RES.CHIP 1/16W 1.0K OHM         RX35         0790024R         RES.CHIP 1/16W 1.0K OHM	
RW26         0790058R         RES.CHIP 1/16W 39K OHM         RX28         0790069R         RES.CHIP 1/16W 270K OHM           RW27         0790051R         RES.CHIP 1/16W 10K OHM         RX29         0790069R         RES.CHIP 1/16W 270K OHM           RW28         0790024R         RES.CHIP 1/16W 100 OHM         RX30         AQ00164R         RES.CHIP 1/16W 75 OHM TA           RW29         AQ00187R         RES.CHIP 1/16W 560 OHM TAPE         RX31         AQ00164R         RES.CHIP 1/16W 10 OHM TAPE           RW30         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX32         0790024R         RES.CHIP 1/16W 10 OHM           RW33         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX34         0790047R         RES.CHIP 1/16W 5.6K OHM           RW34         0790037R         RES.CHIP 1/16W 560 OHM TAPE         RX34         0790047R         RES.CHIP 1/16W 5.6K OHM           RW34         0790037R         RES.CHIP 1/16W 1.0K OHM         RX35         0790024R         RES.CHIP 1/16W 100 OHM           RW35         0790001R         CHIP RESISTOR RECJUMPER-1-16C16T1608         RX36         0790024R         RES.CHIP 1/16W 1.0K OHM           RW37         0790037R         RES.CHIP 1/16W 1.0K OHM         RX37         0790037R         RES.CHIP 1/16W 1.0K OHM           RW37         07	
RW27         0790051R         RES.CHIP 1/16W 10K OHM         RX29         0790069R         RES.CHIP 1/16W 270K OHM           RW28         0790024R         RES.CHIP 1/16W 100 OHM         RX30         AQ00164R         RES.CHIP 1/16W 75 OHM TA           RW29         AQ00187R         RES.CHIP 1/16W 560 OHM TAPE         RX31         AQ00164R         RES.CHIP 1/16W 75 OHM TA           RW30         0790037R         RES.CHIP 1/16W 1.0K OHM         RX32         0790024R         RES.CHIP 1/16W 100 OHM           RW31         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX33         0790047R         RES.CHIP 1/16W 5.6K OHM           RW33         AQ00187R         RES.CHIP 1/16W 560 OHM TAPE         RX34         0790047R         RES.CHIP 1/16W 5.6K OHM           RW34         0790037R         RES.CHIP 1/16W 1.0K OHM         RX35         0790024R         RES.CHIP 1/16W 100 OHM           RW35         0790001R         CHIP RESISTOR RECJUMPER-1-16C16T1608         RX36         0790024R         RES.CHIP 1/16W 10 OHM           RW36         079001R         RES.CHIP 1/16W 10 OHM         RX37         0790037R         RES.CHIP 1/16W 1.0K OHM           RW37         0790042R         RES.CHIP 1/16W 2.2K OHM         RX38         0790064R         RES.CHIP 1/16W 100K OHM           RW38         0790037R <td>TAPE</td>	TAPE
RW28         0790024R         RES.CHIP 1/16W 100 OHM         RX30         AQ00164R         RES.CHIP 1/16W 75 OHM TARE           RW29         AQ00187R         RES.CHIP 1/16W 560 OHM TAPE         RX31         AQ00164R         RES.CHIP 1/16W 75 OHM TARE           RW30         0790037R         RES.CHIP 1/16W 1.0K OHM         RX32         0790024R         RES.CHIP 1/16W 100 OHM           RW31         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX33         0790047R         RES.CHIP 1/16W 5.6K OHM           RW33         AQ00187R         RES.CHIP 1/16W 560 OHM TAPE         RX34         0790047R         RES.CHIP 1/16W 5.6K OHM           RW34         0790037R         RES.CHIP 1/16W 1.0K OHM         RX35         0790024R         RES.CHIP 1/16W 100 OHM           RW35         0790001R         CHIP RESISTOR RECJUMPER-1-16C16T1608         RX36         0790024R         RES.CHIP 1/16W 100 OHM           RW36         079001R         RES.CHIP 1/16W 10 OHM         RX37         0790037R         RES.CHIP 1/16W 1.0K OHM           RW37         0790042R         RES.CHIP 1/16W 2.2K OHM         RX38         0790064R         RES.CHIP 1/16W 100K OHM           RW38         0790037R         RES.CHIP 1/16W 1.0K OHM         RX39         0790064R         RES.CHIP 1/16W 100K OHM	М
RW29         AQ00187R         RES.CHIP 1/16W 560 OHM TAPE         RX31         AQ00164R         RES.CHIP 1/16W 75 OHM TAPE           RW30         0790037R         RES.CHIP 1/16W 1.0K OHM         RX32         0790024R         RES.CHIP 1/16W 100 OHM           RW31         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX33         0790047R         RES.CHIP 1/16W 5.6K OHM           RW33         AQ00187R         RES.CHIP 1/16W 560 OHM TAPE         RX34         0790047R         RES.CHIP 1/16W 5.6K OHM           RW34         0790037R         RES.CHIP 1/16W 1.0K OHM         RX35         0790024R         RES.CHIP 1/16W 100 OHM           RW35         0790001R         CHIP RESISTOR RECJUMPER-1-16C16T1608         RX36         0790024R         RES.CHIP 1/16W 100 OHM           RW36         0790011R         RES.CHIP 1/16W 10 OHM         RX37         0790037R         RES.CHIP 1/16W 1.0K OHM           RW37         0790042R         RES.CHIP 1/16W 2.2K OHM         RX38         0790064R         RES.CHIP 1/16W 100K OHM           RW38         0790037R         RES.CHIP 1/16W 1.0K OHM         RX39         0790064R         RES.CHIP 1/16W 100K OHM	M
RW30         0790037R         RES.CHIP 1/16W 1.0K OHM         RX32         0790024R         RES.CHIP 1/16W 100 OHM           RW31         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX33         0790047R         RES.CHIP 1/16W 5.6K OHM           RW33         AQ00187R         RES.CHIP 1/16W 5.60 OHM TAPE         RX34         0790047R         RES.CHIP 1/16W 5.6K OHM           RW34         0790037R         RES.CHIP 1/16W 1.0K OHM         RX35         0790024R         RES.CHIP 1/16W 100 OHM           RW35         0790001R         CHIP RESISTOR RECJUMPER-1-16C16T1608         RX36         0790024R         RES.CHIP 1/16W 100 OHM           RW36         0790011R         RES.CHIP 1/16W 10 OHM         RX37         0790037R         RES.CHIP 1/16W 1.0K OHM           RW37         0790042R         RES.CHIP 1/16W 2.2K OHM         RX38         0790064R         RES.CHIP 1/16W 100K OHM           RW38         0790037R         RES.CHIP 1/16W 1.0K OHM         RX39         0790064R         RES.CHIP 1/16W 100K OHM	TAPE
RW31         AQ00194R         RES.CHIP 1/16W 1.0K OHM TAPE         RX33         0790047R         RES.CHIP 1/16W 5.6K OHM           RW33         AQ00187R         RES.CHIP 1/16W 560 OHM TAPE         RX34         0790047R         RES.CHIP 1/16W 5.6K OHM           RW34         0790037R         RES.CHIP 1/16W 1.0K OHM         RX35         0790024R         RES.CHIP 1/16W 100 OHM           RW35         0790001R         CHIP RESISTOR RECJUMPER-1-16C16T1608         RX36         0790024R         RES.CHIP 1/16W 100 OHM           RW36         0790011R         RES.CHIP 1/16W 10 OHM         RX37         0790037R         RES.CHIP 1/16W 1.0K OHM           RW37         0790042R         RES.CHIP 1/16W 2.2K OHM         RX38         0790064R         RES.CHIP 1/16W 100K OHM           RW38         0790037R         RES.CHIP 1/16W 1.0K OHM         RX39         0790064R         RES.CHIP 1/16W 100K OHM	TAPE
RW33         AQ00187R         RES.CHIP 1/16W 560 OHM TAPE         RX34         0790047R         RES.CHIP 1/16W 5.6K OHM           RW34         0790037R         RES.CHIP 1/16W 1.0K OHM         RX35         0790024R         RES.CHIP 1/16W 100 OHM           RW35         0790001R         CHIP RESISTOR RECJUMPER-1-16C16T1608         RX36         0790024R         RES.CHIP 1/16W 100 OHM           RW36         0790011R         RES.CHIP 1/16W 10 OHM         RX37         0790037R         RES.CHIP 1/16W 1.0K OHM           RW37         0790042R         RES.CHIP 1/16W 2.2K OHM         RX38         0790064R         RES.CHIP 1/16W 100K OHM           RW38         0790037R         RES.CHIP 1/16W 1.0K OHM         RX39         0790064R         RES.CHIP 1/16W 100K OHM	1
RW34         0790037R         RES.CHIP 1/16W 1.0K OHM         RX35         0790024R         RES.CHIP 1/16W 100 OHM           RW35         0790001R         CHIP RESISTOR RECJUMPER-1-16C16T1608         RX36         0790024R         RES.CHIP 1/16W 100 OHM           RW36         0790011R         RES.CHIP 1/16W 10 OHM         RX37         0790037R         RES.CHIP 1/16W 1.0K OHM           RW37         0790042R         RES.CHIP 1/16W 2.2K OHM         RX38         0790064R         RES.CHIP 1/16W 100K OHM           RW38         0790037R         RES.CHIP 1/16W 1.0K OHM         RX39         0790064R         RES.CHIP 1/16W 100K OHM	VI
RW35         0790001R         CHIP RESISTOR RECJUMPER-1-16C16T1608         RX36         0790024R         RES.CHIP 1/16W 100 OHM           RW36         0790011R         RES.CHIP 1/16W 10 OHM         RX37         0790037R         RES.CHIP 1/16W 1.0K OHM           RW37         0790042R         RES.CHIP 1/16W 2.2K OHM         RX38         0790064R         RES.CHIP 1/16W 100K OHM           RW38         0790037R         RES.CHIP 1/16W 1.0K OHM         RX39         0790064R         RES.CHIP 1/16W 100K OHM	VI
RW36         0790011R         RES.CHIP 1/16W 10 OHM         RX37         0790037R         RES.CHIP 1/16W 1.0K OHM           RW37         0790042R         RES.CHIP 1/16W 2.2K OHM         RX38         0790064R         RES.CHIP 1/16W 1.0K OHM           RW38         0790037R         RES.CHIP 1/16W 1.0K OHM         RX39         0790064R         RES.CHIP 1/16W 1.0K OHM	1
RW37 0790042R RES.CHIP 1/16W 2.2K OHM RX38 0790064R RES.CHIP 1/16W 1.0K OHM RX39 0790064R RES.CHIP 1/16W 1.0K OHM	
RW38 0790037R RES.CHIP 1/16W 1.0K OHM RX39 0790064R RES.CHIP 1/16W 100K OHM	
RW39   0790037R   RES.CHIP 1/16W 1.0K OHM   RX40   0790064R   RES.CHIP 1/16W 100K OHM	
I	
RW40 0790058R RES.CHIP 1/16W 39K OHM RX41 0790064R RES.CHIP 1/16W 100K OHM	
RW41 0790051R RES.CHIP 1/16W 10K OHM RX42 0790064R RES.CHIP 1/16W 10K OHM	
RW42 0790024R RES.CHIP 1/16W 100 OHM RX43 0790028R RES.CHIP 1/16W 220 OHM	
RW43 0790034R RES.CHIP 1/16W 560 OHM RX44 0790028R RES.CHIP 1/16W 220 OHM	
RW44 0790037R RES.CHIP 1/16W 1.0K OHM RX45 0790037R RES.CHIP 1/16W 1.0K OHM	
RW45 0790044R RES.CHIP 1/16W 3.3K OHM RX46 0790037R RES.CHIP 1/16W 1.0K OHM RW47 0790024R RES.CHIP 1/16W 100 OHM RX47 0790063R RES.CHIP 1/16W 82K OHM	
RW48 0790024R RES.CHIP 1/16W 100 OHM RX48 0790037R RES.CHIP 1/16W 1.0K OHM	
RW50 0790064R RES.CHIP 1/16W 100 OHM RX49 0790063R RES.CHIP 1/16W 82K OHM	
RW55 0790064R RES.CHIP 1/16W 100K OHM RX50 0790037R RES.CHIP 1/16W 1.0K OHM RX50 0790037R RES.CHIP 1/16W 1.0K OHM	
RW56 0790065R RES.CHIP 1/16W 120K OHM RX51 AQ00163R RES.CHIP 1/16W 68 OHM T/	
RW57 0790024R RES.CHIP 1/16W 100 OHM RX52 0790024R RES.CHIP 1/16W 100 OHM	
RW58 0790034R RES.CHIP 1/16W 560 OHM RX53 AQ00163R RES.CHIP 1/16W 68 OHM T/	

SYMBOL	PART	PART	SYMBOL	PART	PART
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
RX54	0790024R	RES.CHIP 1/16W 100 OHM	RXE6	0790024R	RES.CHIP 1/16W 100 OHM
RX55	AQ00163R	RES.CHIP 1/16W 68 OHM TAPE	RXE7	0790024R	RES.CHIP 1/16W 100 OHM
RX56	0790024R	RES.CHIP 1/16W 100 OHM	RXE8	0790024R	RES.CHIP 1/16W 100 OHM
RX57	0790034R	RES.CHIP 1/16W 560 OHM	RXE9	0790024R	RES.CHIP 1/16W 100 OHM
RX58	0790034R	RES.CHIP 1/16W 560 OHM	RXF8	0790038R	RES.CHIP 1/16W 1.2K OHM
RX59	0790034R	RES.CHIP 1/16W 560 OHM	RXF9	0790038R	RES.CHIP 1/16W 1.2K OHM
RX60	0790034R	RES.CHIP 1/16W 560 OHM	RXG1	0790038R	RES.CHIP 1/16W 1.2K OHM
RX61	0790034R	RES.CHIP 1/16W 560 OHM	RXG2	0790038R	RES.CHIP 1/16W 1.2K OHM
RX62	0790034R	RES.CHIP 1/16W 560 OHM	RXG3	0790038R	RES.CHIP 1/16W 1.2K OHM
RX63	0790034R	RES.CHIP 1/16W 560 OHM	RXG4	0790038R	RES.CHIP 1/16W 1.2K OHM
RX64	0790034R	RES.CHIP 1/16W 560 OHM	RXG5	0790041R	RES.CHIP 1/16W 1.8K OHM
RX65	0790034R	RES.CHIP 1/16W 560 OHM	RXG6	0790041R	RES.CHIP 1/16W 1.8K OHM
RX68	0790024R	RES.CHIP 1/16W 100 OHM	RXG7	0790041R	RES.CHIP 1/16W 1.8K OHM
RX69	0790024R	RES.CHIP 1/16W 100 OHM	RXH2	0790038R	RES.CHIP 1/16W 1.2K OHM
RX70	0790024R	RES.CHIP 1/16W 100 OHM	RXH3	0790038R	RES.CHIP 1/16W 1.2K OHM
RX71	0790024R	RES.CHIP 1/16W 100 OHM	RXH4	0790038R	RES.CHIP 1/16W 1.2K OHM
RX72	0790024R	RES.CHIP 1/16W 100 OHM	RXH5	0790038R	RES.CHIP 1/16W 1.2K OHM
RX73	0790024R	RES.CHIP 1/16W 100 OHM	RXH6	0790038R	RES.CHIP 1/16W 1.2K OHM
RX79	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RXH7	0790038R	RES.CHIP 1/16W 1.2K OHM
RX84	0790042R	RES.CHIP 1/16W 2.2K OHM	RXH8	0790041R	RES.CHIP 1/16W 1.8K OHM
RX85	0790068R	RES.CHIP 1/16W 220K OHM	RXH9	0790041R	RES.CHIP 1/16W 1.8K OHM
RX86	0790042R	RES.CHIP 1/16W 2.2K OHM	RXJ1	0790041R	RES.CHIP 1/16W 1.8K OHM
RX87	0790068R	RES.CHIP 1/16W 220K OHM	RXJ2	0790024R	RES.CHIP 1/16W 100 OHM
RX94	0790037R	RES.CHIP 1/16W 1.0K OHM	RXJ3	0790024R	RES.CHIP 1/16W 100 OHM
RX95	AQ00164R	RES.CHIP 1/16W 75 OHM TAPE	RXJ4	0790042R	RES.CHIP 1/16W 2.2K OHM
RX96	0790024R	RES.CHIP 1/16W 100 OHM	RXJ5	0790042R	RES.CHIP 1/16W 2.2K OHM
RX97	AQ00164R	RES.CHIP 1/16W 75 OHM TAPE	RXK5	AQ00164R	RES.CHIP 1/16W 75 OHM TAPE
RX98	0790024R	RES.CHIP 1/16W 100 OHM	RXK6	AQ00164R	RES.CHIP 1/16W 75 OHM TAPE
RXA3	AQ00193R	RES.CHIP 1/16W 910 OHM TAPE	RXK7	AQ00164R	RES.CHIP 1/16W 75 OHM TAPE
RXA6	0790037R	RES.CHIP 1/16W 1.0K OHM	RXL1	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
RXA7	0790047R	RES.CHIP 1/16W 5.6K OHM	RXL5	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
RXA8	0790024R	RES.CHIP 1/16W 100 OHM	RXL9 RXM1	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
RXA9 RXB1	AQ00193R 0790069R	RES.CHIP 1/16W 910 OHM TAPE RES.CHIP 1/16W 270K OHM	RXM2	0790037R 0790001R	RES.CHIP 1/16W 1.0K OHM CHIP RESISTOR RECJUMPER-1-16C16T1608
RXB2	0790069R	RES.CHIP 1/16W 270K OHM	RXM3	0790001R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
RXB6	0790022R	RES.CHIP 1/16W 270K OF INV	RXM4	0790001R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
RXB7	0790022R	RES.CHIP 1/16W 68 OHM	RXM6	0790001R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
RXB8	0790022R	RES.CHIP 1/16W 68 OHM	RXM7	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
RXB9	0790022R	RES.CHIP 1/16W 68 OHM	RXM8	0790001R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
RXC1	0790022R	RES.CHIP 1/16W 68 OHM	RXP5	0790024R	RES.CHIP 1/16W 100 OHM
RXC2	0790022R	RES.CHIP 1/16W 68 OHM	RXP6	0790024R	RES.CHIP 1/16W 100 OHM
RXC3	0790022R	RES.CHIP 1/16W 68 OHM	RXP7	0790024R	RES.CHIP 1/16W 100 OHM
RXC4	0790022R	RES.CHIP 1/16W 68 OHM	RXQ4	0790024R	RES.CHIP 1/16W 100 OHM
RXC5	0790024R	RES.CHIP 1/16W 100 OHM	RXR1	0790024R	RES.CHIP 1/16W 100 OHM
RXC6	0790024R	RES.CHIP 1/16W 100 OHM	RXR8	0790024R	RES.CHIP 1/16W 100 OHM
	0790024R	RES.CHIP 1/16W 100 OHM	RXR9	0790037R	RES.CHIP 1/16W 1.0K OHM
RXC8	0790024R	RES.CHIP 1/16W 100 OHM	RXS1	0790051R	RES.CHIP 1/16W 10K OHM
RXC9	0790024R	RES.CHIP 1/16W 100 OHM	RXS2	0790051R	RES.CHIP 1/16W 10K OHM
RXD1	0790024R	RES.CHIP 1/16W 100 OHM	RXS3	0790051R	RES.CHIP 1/16W 10K OHM
RXD2	0790024R	RES.CHIP 1/16W 100 OHM	RXS4	0790037R	RES.CHIP 1/16W 1.0K OHM
RXD3	AQ00164R	RES.CHIP 1/16W 75 OHM TAPE	RXS5	0790037R	RES.CHIP 1/16W 1.0K OHM
RXD4	AQ00164R	RES.CHIP 1/16W 75 OHM TAPE	RY01	0790047R	RES.CHIP 1/16W 5.6K OHM
RXD5	AQ00164R	RES.CHIP 1/16W 75 OHM TAPE	RY02	0790047R	RES.CHIP 1/16W 5.6K OHM
RXD7	0790037R	RES.CHIP 1/16W 1.0K OHM	RY04	0790024R	RES.CHIP 1/16W 100 OHM
RXD9	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RY05	AQ00164R	RES.CHIP 1/16W 75 OHM TAPE
RXE1	0790024R	RES.CHIP 1/16W 100 OHM	RY06	0790024R	RES.CHIP 1/16W 100 OHM
RXE2	0790024R	RES.CHIP 1/16W 100 OHM	RY07	0790024R	RES.CHIP 1/16W 100 OHM
RXE5	0790024R	RES.CHIP 1/16W 100 OHM	RY08	0790024R	RES.CHIP 1/16W 100 OHM

SYMBOL	PART	PART	SYMBOL	PART	PART
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
RY09	0790024R	RES.CHIP 1/16W 100 OHM	RZ31	0790024R	RES.CHIP 1/16W 100 OHM
RY10	0790024R	RES.CHIP 1/16W 100 OHM	RZ32	0790024R	RES.CHIP 1/16W 100 OHM
RY11	0790024R	RES.CHIP 1/16W 100 OHM	RZ33	0790051R	RES.CHIP 1/16W 10K OHM
RY12	0790042R	RES.CHIP 1/16W 2.2K OHM	RZ34	0790051R	RES.CHIP 1/16W 10K OHM
RY13	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RZ35	0790024R	RES.CHIP 1/16W 100 OHM
RY14	0790024R	RES.CHIP 1/16W 100 OHM	RZ36	0790024R	RES.CHIP 1/16W 100 OHM
RY15	0790024R	RES.CHIP 1/16W 100 OHM	RZ37	0790024R	RES.CHIP 1/16W 100 OHM
RY16	0790037R	RES.CHIP 1/16W 1.0K OHM	RZ38	0790024R	RES.CHIP 1/16W 100 OHM
RY17	AQ00194R	RES.CHIP 1/16W 1.0K OHM TAPE	RZ39	0790024R	RES.CHIP 1/16W 100 OHM
RY18	0790024R	RES.CHIP 1/16W 100 OHM	RZ40	0790024R	RES.CHIP 1/16W 100 OHM
RY19	0790024R	RES.CHIP 1/16W 100 OHM	RZ41	0196087R	RES1608CHIP 1/16W 6.2K-J TAPE
RY20	0790024R	RES.CHIP 1/16W 100 OHM	RZ42	0790033R	RES.CHIP 1/16W 470 OHM
RY21	0790042R	RES.CHIP 1/16W 2.2K OHM	RZ44	0790024R	RES.CHIP 1/16W 100 OHM
RY22	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RZ45	0790024R	RES.CHIP 1/16W 100 OHM
RY23	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RZ46	0790024R	RES.CHIP 1/16W 100 OHM
RY24	AQ00194R	RES.CHIP 1/16W 1.0K OHM TAPE	RZ47	0790024R	RES.CHIP 1/16W 100 OHM
RY65	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RZ48	0790024R	RES.CHIP 1/16W 100 OHM
RY66	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RZ49	0790024R	RES.CHIP 1/16W 100 OHM
RY85	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RZ50	0790024R	RES.CHIP 1/16W 100 OHM
RY86	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RZ51	0196104R	RES 1608 CHIP 1/16W 30KJ TAPE
RY87	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RZ52	0790024R	RES.CHIP 1/16W 100 OHM
RY88	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RZ53	0790024R	RES.CHIP 1/16W 100 OHM
RY89	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RZ54	0790024R	RES.CHIP 1/16W 100 OHM
RY90	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RZ55	0790024R	RES.CHIP 1/16W 100 OHM
RYA1	0790047R	RES.CHIP 1/16W 5.6K OHM	RZ56	0790032R	RES.CHIP 1/16W 390 OHM
RYA2	0790024R	RES.CHIP 1/16W 100 OHM	RZ57	0790032R	RES.CHIP 1/16W 390 OHM
RYA3	0790042R	RES.CHIP 1/16W 2.2K OHM	RZ58	0790034R	RES.CHIP 1/16W 560 OHM
RZ01	0790051R	RES.CHIP 1/16W 10K OHM	RZ59	0790053R	RES.CHIP 1/16W 15K OHM
RZ02	0790051R	RES.CHIP 1/16W 10K OHM	RZ60	0790024R	RES.CHIP 1/16W 100 OHM
RZ03	0790024R	RES.CHIP 1/16W 100 OHM	RZ61	0790052R	RES.CHIP 1/16W 12K OHM
RZ04	0790024R	RES.CHIP 1/16W 100 OHM	RZ62	0790037R	RES.CHIP 1/16W 1.0K OHM
RZ05	0790024R	RES.CHIP 1/16W 100 OHM	RZ63	0790024R	RES.CHIP 1/16W 100 OHM
RZ06	0790024R	RES.CHIP 1/16W 100 OHM	RZ64	0790049R	RES.CHIP 1/16W 8.2K OHM
RZ07	0790024R	RES.CHIP 1/16W 100 OHM	RZ65	0790054R	RES.CHIP 1/16W 18K OHM
RZ08	0790024R	RES.CHIP 1/16W 100 OHM	RZ74	0790042R	RES.CHIP 1/16W 2.2K OHM
RZ09	0196087R	RES1608CHIP 1/16W 6.2K-J TAPE	RZ75	0790043R	RES.CHIP 1/16W 2.7K OHM
RZ10	0790033R	RES.CHIP 1/16W 470 OHM	RZ76	0790031R	RES.CHIP 1/16W 330 OHM
RZ11	0790024R	RES.CHIP 1/16W 100 OHM	RZ77	0790024R	RES.CHIP 1/16W 100 OHM
RZ13	0790024R	RES.CHIP 1/16W 100 OHM	RZ78	0790042R	RES.CHIP 1/16W 2.2K OHM
RZ14	0790024R	RES.CHIP 1/16W 100 OHM	RZ79	0790024R	RES.CHIP 1/16W 100 OHM
RZ15	0790024R	RES.CHIP 1/16W 100 OHM	RZ80	0790042R	RES.CHIP 1/16W 2.2K OHM
RZ16	0790024R	RES.CHIP 1/16W 100 OHM	RZ81	0790024R	RES.CHIP 1/16W 100 OHM
RZ17	0790024R	RES.CHIP 1/16W 100 OHM	RZ82	0790024R	RES.CHIP 1/16W 100 OHM
RZ18	0790024R	RES.CHIP 1/16W 100 OHM	RZ83	0790032R	RES.CHIP 1/16W 390 OHM
RZ19	0790037R	RES.CHIP 1/16W 1.0K OHM	RZ84	0790033R	RES.CHIP 1/16W 470 OHM
RZ20	0790037R	RES.CHIP 1/16W 1.0K OHM	RZ85		RES.CHIP 1/16W 560 OHM
RZ21 RZ22	0790037R	RES.CHIP 1/16W 1.0K OHM	RZ86 RZ87	0790053R 0790024R	RES.CHIP 1/16W 15K OHM
RZ22 RZ23	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608 CHIP RESISTOR RECJUMPER-1-16C16T1608	RZ87 RZ88	0790024R 0790052R	RES.CHIP 1/16W 100 OHM RES.CHIP 1/16W 12K OHM
RZ23 RZ24	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608  CHIP RESISTOR RECJUMPER-1-16C16T1608	RZ88 RZ89	0790052R 0790037R	
	0790001R				RES.CHIP 1/16W 1.0K OHM
RZ25 RZ26	0790037R 0790043R	RES.CHIP 1/16W 1.0K OHM RES.CHIP 1/16W 2.7K OHM	RZ90 RZ91	0790024R 0790049R	RES.CHIP 1/16W 100 OHM
	0790043R 0790042R		RZ91 RZ92	0790049R 0790054R	RES.CHIP 1/16W 8.2K OHM
RZ27 RZ28	0790042R 0196104R	RES.CHIP 1/16W 2.2K OHM RES 1608 CHIP 1/16W 30KJ TAPE	RZ92 RZ93	0790054R 0790051R	RES.CHIP 1/16W 18K OHM RES.CHIP 1/16W 10K OHM
RZ28 RZ29	0790024R	RES.CHIP 1/16W 100 OHM	RZ93 RZ94	0790051R 0790051R	RES.CHIP 1/16W 10K OHM
RZ30	0790024R 0790024R	RES.CHIP 1/16W 100 OHM	RZ94 RZA5	0790031R 0790033R	RES.CHIP 1/16W 10K OHM
11400	01 JUUZ+IV	NEO.OTHI 1/1000 100 OTHIN	ハムハン	OT SOUDOL	NEO.OTHI 1/1000 4/0 OTHIN

SYMBOL	PART	PART	SYMBOL	PART	PART
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
RZA6	0790033R	RES.CHIP 1/16W 470 OHM	RZM1	0790038R	RES.CHIP 1/16W 1.2K OHM
RZB5	0790033R	RES.CHIP 1/16W 470 OHM	RZM3	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
RZB6	0790033R	RES.CHIP 1/16W 470 OHM	RZM4	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
RZB7	0790024R	RES.CHIP 1/16W 100 OHM	RZM5	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
RZB8	0790024R	RES.CHIP 1/16W 100 OHM	RZM6	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
RZB9	0790024R	RES.CHIP 1/16W 100 OHM	RZM7	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
RZC1	0790024R	RES.CHIP 1/16W 100 OHM	RZM8	0790024R	RES.CHIP 1/16W 100 OHM
RZC2	0790037R	RES.CHIP 1/16W 1.0K OHM	RZM9	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
RZC3	0790024R	RES.CHIP 1/16W 100 OHM	RZN1	0790037R	RES.CHIP 1/16W 1.0K OHM
RZC4	0790037R	RES.CHIP 1/16W 1.0K OHM	RZN2	0790028R	RES.CHIP 1/16W 220 OHM
RZC5	0790024R	RES.CHIP 1/16W 100 OHM	RZN3	0790037R	RES.CHIP 1/16W 1.0K OHM
RZC6	0790037R	RES.CHIP 1/16W 1.0K OHM	RZN4	0790028R	RES.CHIP 1/16W 220 OHM
RZC7	0790024R	RES.CHIP 1/16W 100 OHM	RZN5	0790037R	RES.CHIP 1/16W 1.0K OHM
RZC8	0790033R	RES.CHIP 1/16W 470 OHM	RZN6	0790028R	RES.CHIP 1/16W 220 OHM
RZC9	0790024R	RES.CHIP 1/16W 100 OHM	RZN7	0790024R	RES.CHIP 1/16W 100 OHM
RZD1	0790033R	RES.CHIP 1/16W 470 OHM	RZN8	0790024R	RES.CHIP 1/16W 100 OHM
RZD2	0790033R	RES.CHIP 1/16W 470 OHM	RZN9	0790037R	RES.CHIP 1/16W 1.0K OHM
RZD3	0790028R	RES.CHIP 1/16W 220 OHM	RZP1	0790037R	RES.CHIP 1/16W 1.0K OHM
RZD4	0790032R	RES.CHIP 1/16W 390 OHM	RZP2	0790033R	RES.CHIP 1/16W 470 OHM
RZD5	0790033R	RES.CHIP 1/16W 470 OHM	RZP3	0790033R	RES.CHIP 1/16W 470 OHM
RZD6	0790024R	RES.CHIP 1/16W 100 OHM	RZP4	0790033R	RES.CHIP 1/16W 470 OHM
RZD7	0790033R	RES.CHIP 1/16W 470 OHM	RZP5	0790034R	RES.CHIP 1/16W 560 OHM
RZD8	0790038R	RES.CHIP 1/16W 1.2K OHM	RZP6	0790031R	RES.CHIP 1/16W 330 OHM
RZD9	0790028R	RES.CHIP 1/16W 220 OHM	RZP7	0790021R	RES.CHIP 1/16W 56 OHM
RZE1	0790036R	RES.CHIP 1/16W 820 OHM	RZP9	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
RZE2	0790033R	RES.CHIP 1/16W 470 OHM	RZQ1	0790038R	RES.CHIP 1/16W 1.2K OHM
RZE3	0790024R	RES.CHIP 1/16W 100 OHM	RZQ3	0790046R	RES.CHIP 1/16W 4.7K OHM
RZE4	0790036R	RES.CHIP 1/16W 820 OHM	RZQ4	0790046R	RES.CHIP 1/16W 4.7K OHM
RZE5	0790033R	RES.CHIP 1/16W 470 OHM	RZQ5	0790051R	RES.CHIP 1/16W 10K OHM
RZE6	0790028R	RES.CHIP 1/16W 220 OHM	RZQ6	0790049R	RES.CHIP 1/16W 8.2K OHM
RZE7	0790036R	RES.CHIP 1/16W 820 OHM	RZQ7	0790024R	RES.CHIP 1/16W 100 OHM
RZE8	0790048R	RES.CHIP 1/16W 6.8K OHM	RZQ8	0790024R	RES.CHIP 1/16W 100 OHM
RZE9	0790044R	RES.CHIP 1/16W 3.3K OHM	RZQ9	0790024R	RES.CHIP 1/16W 100 OHM
RZF5	0790037R	RES.CHIP 1/16W 1.0K OHM	RZR1	0790024R	RES.CHIP 1/16W 100 OHM
RZF6	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RZR2	0790024R	RES.CHIP 1/16W 100 OHM
RZF7	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RZR3	0790024R	RES.CHIP 1/16W 100 OHM
RZF8	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	RZR4	0790024R	RES.CHIP 1/16W 100 OHM
RZF9	0790024R	RES.CHIP 1/16W 100 OHM	RZR5	0790024R	RES.CHIP 1/16W 100 OHM
RZG1	0790024R	RES.CHIP 1/16W 100 OHM	RZR6	0790024R	RES.CHIP 1/16W 100 OHM
RZG2	0790024R	RES.CHIP 1/16W 100 OHM	RZR7	0790059R	RES.CHIP 1/16W 47K OHM
RZG3	0790042R	RES.CHIP 1/16W 2.2K OHM	RZR8	0790051R	RES.CHIP 1/16W 10K OHM
RZG4	0790042R	RES.CHIP 1/16W 2.2K OHM	RZR9	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
RZG5	0790042R	RES.CHIP 1/16W 2.2K OHM	RZS1	0790024R	RES.CHIP 1/16W 100 OHM
RZG7	0790042R 0790061R	RES.CHIP 1/16W 2.2K OHM	RZS2	0790024R 0790037R	RES.CHIP 1/16W 100 OHM
RZG8	0790058R	RES.CHIP 1/16W 39K OHM	RZS3	0790057R 0790058R	RES.CHIP 1/16W 39K OHM
	0790061R	RES.CHIP 1/16W 56K OHM	RZS4	0790061R	RES.CHIP 1/16W 56K OHM
RZH1	0790051R 0790058R	RES.CHIP 1/16W 39K OHM	RZS5	0790033R	RES.CHIP 1/16W 30K OHM
RZH2	0790061R	RES.CHIP 1/16W 56K OHM	RZS6	0790024R	RES.CHIP 1/16W 100 OHM
RZH3	0790058R	RES.CHIP 1/16W 39K OHM	RZS8	0790036R	RES.CHIP 1/16W 820 OHM
RZH4	0790049R	RES.CHIP 1/16W 8.2K OHM	RZS9	0790033R	RES.CHIP 1/16W 470 OHM
RZH5	0790049R	RES.CHIP 1/16W 4.7K OHM	RZT1	0790024R	RES.CHIP 1/16W 100 OHM
RZH7	0790055R	RES.CHIP 1/16W 22K OHM	RZT2	0790036R	RES.CHIP 1/16W 820 OHM
RZH8	0790055R	RES.CHIP 1/16W 22K OHM	RZT3	0790055R	RES.CHIP 1/16W 828 OHM
RZH9	0790055R 0790051R	RES.CHIP 1/16W 22K OHM	RZT4	0790055R 0790055R	RES.CHIP 1/16W 22K OHM
RZL8	0790051R 0790051R	RES.CHIP 1/16W 10K OHM	RZT6	0790055R 0790058R	RES.CHIP 1/16W 39K OHM
RZL9	0790031R 0790046R	RES.CHIP 1/16W 10K OHM	RZT7	0790036R 0790048R	RES.CHIP 1/16W 6.8K OHM
11443	01 300 <del>1</del> 01\	NEO.OHII 1/1000 4./10 OHIVI	11411	01300-01	NEO.OF III 1/1000 O.OR OF IIVI

SYMBOL	PART	PART	SYMBOL	PART	PART
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
RZT8	0790044R	RES.CHIP 1/16W 3.3K OHM	PFH2	2902261	PLUG PIN SUB MINI 2P
RZT9	0790061R	RES.CHIP 1/16W 56K OHM	PFSA	2959059	PLUG PH PIN POST 10P
RZU1	0790058R	RES.CHIP 1/16W 39K OHM	PFSB	2675289	PLUG10P
RZU2	0790024R	RES.CHIP 1/16W 100 OHM	PFSH	2959059	PLUG PH PIN POST 10P
RZU3	0790033R	RES.CHIP 1/16W 470 OHM	PJIG	2902266	PLUG PIN SUB MINI 7P
RZU4	0790033R	RES.CHIP 1/16W 470 OHM	PRST	2902261	PLUG PIN SUB MINI 2P
RZU5	0790033R	RES.CHIP 1/16W 470 OHM	PSC	EA00068R	9P SMT PH CONNECTOR POST
RZU6	0790024R	RES.CHIP 1/16W 100 OHM	PSP	ED04163U	B TO B CONNECTOR 19RK-1.25FJN
RZU7	0790032R	RES.CHIP 1/16W 390 OHM			
RZU8	0790021R	RES.CHIP 1/16W 56 OHM			AVC50 POWER ASSY (P# JT23981)
RZU9	0790061R	RES.CHIP 1/16W 56K OHM			,
RZV1	0790024R	RES.CHIP 1/16W 100 OHM			CAPACITORS
RZV2	0790033R	RES.CHIP 1/16W 470 OHM	△ C901	AN01443S	ACROSS CAPA 0.1UF 250V RE104
RZV3	0790033R	RES.CHIP 1/16W 470 OHM	△C902	AN01443S	ACROSS CAPA 0.1UF 250V RE104
RZV4	0790038R	RES.CHIP 1/16W 1.2K OHM	△C903	AJ00184F	CAP. CERAMIC CD12-E2GA222MYNS
RZV5	0790038R	RES.CHIP 1/16W 1.2K OHM	<b>△</b> C904	AJ00184F	CAP. CERAMIC CD12-E2GA222MYNS
RZV6	0790024R	RES.CHIP 1/16W 100 OHM	△C905	AJ00167F	CAP.CERAMIC CS12-F2GA472MYNS
RZV7	0790036R	RES.CHIP 1/16W 820 OHM	<b>△</b> C906	AJ00167F	CAP.CERAMIC CS12-F2GA472MYNS
RZV8	0790051R	RES.CHIP 1/16W 10K OHM	C907	AL02281	CE-221M450EW KMM SERIES
			C909	AL00062R	ALUMINIUM ELECTROLYTIC CAP.(22UF450V)
		SWITCHES	C910	0299981F	CAPPOLYESTER 0.01UF-J630V
SM01	FE00001R	PUSH SWITCH	C912	0800321R	CAPELECTRO. 47UF-M 50V
SM02	FE00001R	PUSH SWITCH	C913	0244202R	CAP. CERAMIC DE0907R471K2K
SM03	FE00001R	PUSH SWITCH	C916	0893044R	CAP2125CHIP10000PFKB50VTAPE
SM04	FE00001R	PUSH SWITCH	C918	0229008R	CK73SB1H821KR
SM05	FE00001R	PUSH SWITCH	C919	AJ00155R	CAP. CERAMIC CS85-B2GA471KYVS
SM06	FE00001R	PUSH SWITCH	△C920	AJ00182F	CAP. CERAMIC CD85-E2GA102MYNS
SM07	2634621	SWITCH BLOCK VR	C930	0800354R	CAPELECTRO. 470UF-M 25V
			C931	0800345R	CAPELECTRO. 330UF-M(SMG) 25V
		CRYSTALS	C932	0893044R	CAP2125CHIP10000PFKB50VTAPE
X001	BP01311R	CSTLS16M0X	C933	0800294R	CAPELECTRO. 10UF-M(SMG) 50V
X201	BP01313R	CSTLS8M00G53	C934	0800291R	CAPELECTRO. 10UF-M(SMG) 16V
XV01	BE00351	6.0MHZ LOW PASS LC FILTER	C935	0800291R	CAPELECTRO. 10UF-M(SMG) 16V
XV02	BE00341	3.58MHZ BAND PASS LC FILTER	C936	0800329R	CAPELECTRO. 100UF-M(SMG) 50V
XW01	BE00351	6.0MHZ LOW PASS LC FILTER	C937	AL01858R	1000UF 25V ALUMINIUM ELECTROLYTIC CAP.
XW02	BE00341	3.58MHZ BAND PASS LC FILTER	C938	AL01858R	1000UF 25V ALUMINIUM ELECTROLYTIC CAP.
XZ01	2168771	VFL-CSB503F30	C939	AL01851R	2200UF 16V ALUMINIUM ELECTROLYTIC CAP.
XZ02	2791501	CRYSTAL HC-49/U	C940	AL01851R	2200UF 16V ALUMINIUM ELECTROLYTIC CAP.
XZ03	2168771	VFL-CSB503F30	C942	0800303R	CAPELECTRO. 22UF-M 50V
XZ04	2791501	CRYSTAL HC-49/U	C943	0800303R	CAPELECTRO. 22UF-M 50V
			C944	0893053R	CAP2125CHIP47000PFKB50VTAPE
		MISCELLANEOUS	C945	0893027R	CAP 2125 CHIP 100000PF-KB 25V TAPE
EAN	2974052S	CONNECTOR 03C-B2R5-800	C946	0893027R	CAP 2125 CHIP 100000PF-KB 25V TAPE
HJ01	2791754R	CONDENSER WITH 3 TERMINAL 100PF	C947	0893027R	CAP 2125 CHIP 100000PF-KB 25V TAPE
HJ02	2791754R	CONDENSER WITH 3 TERMINAL 100PF	C948	0893042R	CAP 2125 CHIP 6800 PFKB 50 V TAPE
	2791754R	CONDENSER WITH 3 TERMINAL 100PF	C949	AL01833R	1000UF 6.3V ALUMINIUM ELECTROLYTIC CAP.
	ES00511	JACKHSJ1002-01-1020	C950	AL01833R	1000UF 6.3V ALUMINIUM ELECTROLYTIC CAP.
J401	EU01331	TERMINALYKC21-4519N	C951	AL01857R	470UF 25V ALUMINIUM ELECTROLYTIC CAP.
J402	2672041	MINI HEADPHONE JACK	C952	0893048R	CAP2125CHIP22000PFKB50VTAPE
	EU01312	TERMINAL BOARD YKC21-8525	C954	AL01833R	1000UF 6.3V ALUMINIUM ELECTROLYTIC CAP.
JX02	EU01312	TERMINAL BOARD YKC21-8525	C957	AL01857R	470UF 25V ALUMINIUM ELECTROLYTIC CAP.
	ES00351	JACKLAP5120-0101FUS9PY/C3P	C958	0893053R	CAP2125CHIP47000PFKB50VTAPE
	EU01051	TAP PIN JACK (FRONT) 3P+S	C959	0229008R	CK73SB1H821KR
	EA00932R	0.5MM PITCH FPC CONN. FH12-50S-0.5SV	C960	0893027R	CAP 2125 CHIP 100000PF-K B 25V TAPE
PCS	2959058	PINPOST 9P PH	C962	0893027R	CAP 2125 CHIP 100000PF-KB 25V TAPE
PDJ1	ED03473	CP-24BP1R9H^DVI-D	C963	AL01833R	1000UF 6.3V ALUMINIUM ELECTROLYTIC CAP.

SYMBOL	PART	PART	SYMBOL	PART	PART
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION
C965	0800297R	CAP.ELECTRO.22UF-M 6.3V(SMG)			COILS
C968	0800237R 0800315R	CAPELECTRO. 47UF-M(SMG) 6.3V	<b>△</b> L901	BZ05441	LINE FILTER 16MH/1.5A
C966 C972	AL01857R	` · · ·	L903	2123462M	
		470UF 25V AL. ELECTROLYTIC CAPACITOR			FERRITE BEADS CORE B 2.3UH
C973	0893042R	CAP 2125CHIP 6800PFKB 50V TAPE	L904	2125797N	FILT.COIL(LHL0810UH)
C974	0893042R	CAP 2125CHIP 6800PFKB 50V TAPE	L906	2123462M	FERRITE BEADS CORE B 2.3UH
C975	0893042R	CAP 2125CHIP 6800PFKB 50V TAPE	<u></u> <b>∆</b> L907	BZ04781	LINE FILTER 1MH
C991	0229008R	CK73SB1H821KR	L930	2125806N	FILT.COIL(LHL0847UH)
			L931	BA00627R	C12-K4.5L SMD COIL 47UH
		DIODES	L932	BA00632R	C12-K4.5L SMD COIL 100UH
△ D901	2342061	DIODE D3SB(A)60.	L933	BA00621R	C12-K4.5L SMD COIL 15UH
△ D902	CH00051	DIODE SD-S1WB(A)60B (600V)			
D903	2338531M	DIODE EG-01C (V) SI 0.5A			TRANSISTORS
D904	2338531M	DIODE EG-01C (V) SI 0.5A	Q930	2327772M	TRS.2SC3413 TAPE (B/C)
D905	CH00172M	DIODE DFM1SD2(200V)TAPE	Q931	2316244R	TRS.CHIP 2SC4081 R
D906	2334304M	ZENER RD30E (B3 T2/TP/TA) SI 5MA 30.51V	Q932	CA00122R	TRS.CHIP2SA1576A(R)50VTAPE
D907	2337341M	DIODE 1SS270A (TP)	Q933	2323782R	THYRISTOR 03P2M
D908	2337341M	DIODE 1SS270A (TP)	Q934	2316244R	TRS.CHIP 2SC4081 R
D909	2337341M	DIODE 1SS270A (TP)	Q936	2316244R	TRS.CHIP 2SC4081 R
D911	2331795M	ZENER HZ-5 (B2 TAPE) SI 200MA 4.9V	Q937	CA11161R	DTC144EUAT106
D928	2338531M	DIODE EG-01C (V) SI 0.5A	Q938	CA11161R	DTC144EUAT106
D930	CH00151M	DIODE DSM1SD2(200V)TAPE	4000	0,	27077120777700
D931	2337341M	DIODE 1SS270A (TP)			RESISTORS
D932	2337341M	DIODE 1SS270A (TP)	<b>△</b> R901	AT03672M	RES.MTL GRAZD FLM 1/2W 3.3M
D933	CH00172M	DIODE DFM1SD2(200V)TAPE	R903	0147618	RESWIRE WOUND 7W 2.2-KM
D933 D934	2338944	DIODE FML-G12S (F) (200V)	R904	AT02627R	METAL OXIDE RESISTOR (683OHM 3W )
	2349851	( ) ( )	R904 R905	AT02627R AT02623R	· · · · · · · · · · · · · · · · · · ·
D935		DIODE FMB-G16L			METAL OXIDE RESISTOR (4730HM 3W )
D936	2339782R 2339847M	DIODE.CHIP DAN202UT106(80V)	R907	0179536M	RESMETAL GRAZED FILM 1M J TAPE
D938		ZENER HZS6C1 TA	R908	0148016	RES.WIRE WOUND 2W 0.22 OHM CEMENTED
D939	2337341M	DIODE 1SS270A (TP)	R909	0790035R	RES.CHIP 1/16W 680 OHM
D940	2337341M	DIODE 1SS270A (TP)	R910	0790044R	RES.CHIP 1/16W 3.3K OHM
D941	2337341M	DIODE 1SS270A (TP)	R912	0100069M	RESCARBON FLM 1/8W 1.5K-JB
D942	2337341M	DIODE 1SS270A (TP)	R913	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608
D944	CH00151M	DIODE DSM1SD2(200V)TAPE	R915	0144176	METAL WIRE RESISTOR (100OHM 3W )
D945	2339835M	ZENER HZS5B2 TAPE	R928	AT03897M	100KOHM 1/2W RDS50 CARBON FILM RES.
D946	2337341M	DIODE 1SS270A (TP)	R930	0188091M	RDL-1R0J1-02LT
D947	2339835M	ZENER HZS5B2 TAPE	R931	0188093M	ESCARBON FLM 1/2W 1.5-J
D948	2339845M	ZENER DIODE HZS6 (B2)	R932	0790037R	RES.CHIP 1/16W 1.0K OHM
D949	CC01661R	DIODE SFPJ-73	R933	0790051R	RES.CHIP 1/16W 10K OHM
D950	CC01661R	DIODE SFPJ-73	R934	0790032R	RES.CHIP 1/16W 390 OHM
D955	2339865M	ZENER DIODE HZS9 (B2)	R935	0790051R	RES.CHIP 1/16W 10K OHM
D959	CH01042M	DIODE RK34 (40V)	R936	0790037R	RES.CHIP 1/16W 1.0K OHM
			R937	0790046R	RES.CHIP 1/16W 4.7K OHM
		FUSES	R939	0790037R	RES.CHIP 1/16W 1.0K OHM
<b>△</b> F901	FN00062	FUSE UL-TSC 005A	R940	0790037R	RES.CHIP 1/16W 1.0K OHM
	FN00404	FUSE UL TSC 2.5A N1 125V	R941	0790051R	RES.CHIP 1/16W 10K OHM
			R942	0790051R	RES.CHIP 1/16W 10K OHM
	1	INTEGRATED CIRCUITS	R943	0790051R	RES.CHIP 1/16W 10K OHM
<u></u> 1901	CZ00869	HYBRID IC- STR-F6668B(LF1351)	R944	0790049R	RES.CHIP 1/16W 8.2K OHM
△ 1902	CP07851	MONO IC TLP421	R945	0790044R	RES.CHIP 1/16W 3.3K OHM
△ 1902 △ 1905	CP07851	MONO IC TLP421	R946	0100107M	RESCARBON FLM 1/8W 56K-JB
1930	CK37171R	MONO IC SPI-8010A	R947	0790037R	RES.CHIP 1/16W 1.0K OHM
1930	CP08111U	MONO IC SI-8010GL	R947 R948	0790037R 0790049R	RES.CHIP 1/16W 8.2K OHM
1931	CK37194R	MONO IC SI-80 TOGL MONO IC SI-3050LSA-TL	R948 R949	0790049R 0790045R	
					RES.CHIP 1/16W 3.9K OHM
1933	CK37162R	MONO IC SI-8033JD	R950	0196075R	RES 1608 CHIP 1/16W 2.0KJ TAPE
	1		R951	0790042R	RES.CHIP 1/16W 2.2K OHM
	<u> </u>		R952	0790055R	RES.CHIP 1/16W 22K OHM

SYMBOL	PART	PART	SYMBOL	PART	PART	32"	42"
NO.	NO.	DESCRIPTION	NO.	NO.	DESCRIPTION		
R953	0790055R	RES.CHIP 1/16W 22K OHM			PT3 32" & 42" SIGNAL/AUDIO PWB ASS'Y		
R954	0113739M	RESCARBON FLM 1/2W 390-JB					
R956	0790019R	RES.CHIP 1/16W 47 OHM			CAPACITORS		
R957	AQ00183R	RES.CHIP 1/16W 390 OHM TAPE	C001	0893113R	CAP 1608CHIP 10PFCCH 50V TAPE	0	0
R958	AQ00185R	RES.CHIP 1/16W 470 OHM TAPE	C002	0893113R	CAP 1608CHIP 10PFCCH 50V TAPE	0	0
R959	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	C003	AA01802R	CCC103K50-B-16CT MCH18	0	0
R960	0790037R	RES.CHIP 1/16W 1.0K OHM	C004	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	0	0
R961	0790051R	RES.CHIP 1/16W 10K OHM	C005	AA01802R	CCC103K50-B-16CT MCH18	0	0
R963	0790051R	RES.CHIP 1/16W 10K OHM	C008	AA01802R	CCC103K50-B-16CT MCH18	0	0
R964	0790037R	RES.CHIP 1/16W 1.0K OHM	C010	AA01802R	CCC103K50-B-16CT MCH18	n	0
R969	0790037R 0790019R	RES.CHIP 1/16W 47 OHM	C010	AA01802R	CCC103K50-B-16CT MCH18	0	0
R976	AQ00203R	RES.CHIP 1/16W 47 OHWI	C011	AA01002R AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	0	0
R977	AQ00203R AQ00185R		C203	AA01111R AA01111R	CERAMIC CAPACITOR(1.00F 6.3V)	0	0
		RES.CHIP 1/16W 470 OHM TAPE		AA01111R AA01111R		-	
R979	0790051R	RES.CHIP 1/16W 10K OHM	C204	-	CERAMIC CAPACITOR (1.0UF 6.3V)	0	0
R980	0790037R	RES.CHIP 1/16W 1.0K OHM	C205	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	0	0
R984	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	C206	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	0	0
R986	0790037R	RES.CHIP 1/16W 1.0K OHM	C207	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	0	0
R991	0790037R	RES.CHIP 1/16W 1.0K OHM	C210	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	0	0
R992	0790046R	RES.CHIP 1/16W 4.7K OHM	C211	AD00416R	CEC101M06-EWCT	0	0
R993	0790051R	RES.CHIP 1/16W 10K OHM	C401	0893135R	CAP 1608CHIP 470PFJCH 50V TAPE	0	0
			C402	0893135R	CAP 1608CHIP 470PFJCH 50V TAPE	0	0
		SWITCH	C403	AD00447R	CEC4R7M25-EWCT	0	0
<u>∧</u> S901	FJ00142	RELAYALKS329	C404	AD00447R	CEC4R7M25-EWCT	0	0
			C405	0893211R	CAP 1608CHIP 1500PFKB 50V TAPE	0	0
		TRANSFORMER	C406	0893211R	CAP1608CHIP1500PFKB50VTAPE	0	0
<b>△</b> T901	BT02032	PT-EE38F20J-AVC3TUBER	C407	AA01121R	CERAMIC CAPACITOR(0.47UF 10V)	0	0
			C408	AA01121R	CERAMIC CAPACITOR(0.47UF 10V)	0	0
		MISCELLANEOUS	C409	AD00478R	CEC4R7M50-EWCT	0	0
EP02	EF09604	CONNECTOR CO-01T-N0R0-161	C410	AD00478R	CEC4R7M50-EWCT	0	0
EPG	EF09582	CONNECTOR CO-01T-A0R0-700	C411	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	n	0
	CW00352	UPM0518SA	C412	AA01814R	CCC333K50-B-16CT	0	0
△J901	2676371	PLAG-ACINLET SK-1019	C413	AD00447R	CEC4R7M25-EWCT	n	0
PFP1	EA01246R	1.5MM PITCH 7P CONNECTOR BASE SM3	C414	AD00447R	CEC4R7M25-EWCT	0	0
PFP2	EA01246R	1.5MM PITCH 9P CONNECTOR BASE SM3	C415	0893129R	CAP 1608CHIP 180PFJCH50V TAPE	0	0
PSP	ED04153U	BTOBPLUG 19P250K-1.25FJNA	C416	0893129R	CAP 1608CHIP 180PFJCH50VTAPE	0	0
1 31	LD041330	B 10 B1 200 191 2001-1.231 311A	C410	0800344R	CAPELECTRO. 330UF-M(SMG) 16V	0	0
		AVC54 FINAL (D#11022544)	C417 C418	AD00447R	CEC4R7M25-EWCT	0	0
#0000	DI 104070	AVC51 FINAL (P# UQ33541)	C416 C419	AD00447R AD00447R		0	0
#0206	PH31973	AVC30 INDOOR PLATE			CEC4R7M25-EWCT	ľ	
A21	CS00721	HCP131 ASS'Y	C420	AD00447R	CEC4R7M25-EWCT	0	0
EANT	HP00771	ANT SW	C421	AA01814R	CCC333K50-B-16CT	0	0
EFEM	2979174	PLUG WITH COAXIAL CABLE	C422	AA01814R	CCC333K50-B-16CT	0	0
EFES	2979174	PLUG WITH COAXIAL CABLE	C423	AA01814R	CCC333K50-B-16CT	0	0
EFP1	EF22161	7P ZH CONNECTOR L=390MM	C424	AA01814R	CCC333K50-B-16CT	0	0
EFP2	EF22171	9J ZH CONNECTOR L=390MM	C425	AA01814R	CCC333K50-B-16CT	0	0
EFS	2908868	CO-10C-C2R0-201	C426	AA01814R	CCC333K50-B-16CT	0	0
EPP	EF08477	CO-01T-T0R0-151(B)	C427	AA01814R	CCC333K50-B-16CT	0	0
ESC	2908844	CO-09C-C2R0-331	C428	AA01802R	CCC103K50-B-16CT MCH18	0	0
ESF	EK01108	PRW-SML2CD-50P-L700	C429	AD00475R	CEC010M50-EWCT	0	0
			C430	AD00436R	CEC100M16-EWCT	0	0
		AVC51 OWNER'S ASS'Y (P# UK06251)	C431	AD00436R	CEC100M16-EWCT	0	0
#010	QJ01081	AVC3 STAND ASS'Y	C432	0800344R	CAPELECTRO. 330UF-M(SMG) 16V	0	0
E001	FQ00021	DRY BATTERY(R6P-AA)	C435	AD00436R	CEC100M16-EWCT	0	0
E100	EW07193	COE18+8P DVI MDIN 3M	C436	AD00478R	CEC4R7M50-EWCT	0	0
E201	EY01641	PJX-IR BLASTER DP2X	C437	AD00476R	CEC4R7M50-EWCT	0	0
E201	EY01641	PJX-IR BLASTER DP2X	C437	0893127R	CAP 1608CHIP 120PFJCH50V TAPE	0	0
E300	GX00404	MAGNET-FERRITE CORE	C436 C439	0893127R 0893127R	CAP 1608CHIP 120PFJCH 50V TAPE	0	0
						_	_
E301	GX00404	MAGNET-FERRITE CORE	C440	0880207R	CAPPOLYESTER 1.0UF-J50V	0	0
E302	EW07931	CORD 1P US PIN CORD BK	C441	0880207R	CAPPOLYESTER 1.0UF-J50V	0	0
E303	VZ11701	SUBWOOFER CABLE WITH CORE	C442	0880207R	CAPPOLYESTER 1.0UF-J50V	0	0
E901	EV01841	POWER CORD 125V10A UL/CSA	C443	0880207R	CAPPOLYESTER 1.0UF-J50V	0	0
N213	H463171	QUICK R/C GUIDE 32/42/50HDT50	C444	0880198R	CAPPLOY.0.22UF-J50V	0	0

SYMBOL	PART	PART	32"	42"	SYMBOL	PART	PART	32"	42"
NO.	NO.	DESCRIPTION	02		NO.	NO.	DESCRIPTION	"-	
C445	0880198R	CAPPLOY.0.22UF-J50V	0	0			DIODES		
C446	AD00436R	CEC100M16-EWCT	0	0	D001	2333121R	DIO-1S2835(T2B)	0	0
C447	AD00436R	CEC100M16-EWCT	0	0	D003	CC00003R	DIODE.CHIP1SS355	0	0
	AA01814R	CCC333K50-B-16CT	0	0	D401	CC00632R	DIODE.CHIP RB491D (20V)	0	0
	AA01814R	CCC333K50-B-16CT	0		D402	CC00632R	DIODE.CHIP RB491D (20V)	0	0
C454	AD00475R	CEC010M50-EWCT	0	0	D403	CC00632R	DIODE.CHIP RB491D (20V)	0	0
	AA01814R	CCC333K50-B-16CT	0	0	D404	CC00632R	DIODE.CHIP RB491D (20V)	0	0
	AA01814R	CCC333K50-B-16CT	0	0	D405	CC00003R	DIODE.CHIP1SS355	0	0
	AA01814R	CCC333K50-B-16CT	0	0	D406	CC00003R	DIODE.CHIP1SS355	0	0
C458	AD00475R	CEC010M50-EWCT	0	0	D407	2339491M CC00003R	DIODE AM01Z (200 TAPE) 1A	0	0
	AA01814R AA01814R	CCC333K50-B-16CT CCC333K50-B-16CT	0	0 0	D408 D409	CC00003R	DIODE.CHIP 1SS355 DIODE.CHIP 1SS355	0	0
C460 C461	0800353R	CAPELECTRO.470UF-M16V	0	0	D409 D410	CC00826R	ZENER.CHIP UDZ 7.5B	0	0
C462	0800353R	CAPELECTRO.4700F-M16V	0	0	D410 D413	CC00820R	ZENER.CHIP UDZ 5.1B	0	0
C463	AD00439R	CEC470M16-EWCT	0	0	D414	CC00822R	ZENER.CHIP UDZ 5.1B	0	0
	AA01814R	CCC333K50-B-16CT	0	0	D600	CC10721R	DIODE CHIP DA204K-TPTX	0	0
C467	0800361N	CAPELECTRO 1000UF 16V	0	0	D601	CC10721R	DIODE CHIP DA204K-TPTX	0	0
	AA01101R	CERAMIC CAPACITOR(1UF 10V-F)	0	0	D602	CC10721R	DIODE CHIP DA204K-TPTX	0	0
C469	0893211R	CAP 1608CHIP 1500PFKB 50V TAPE	0		D603	CC10721R	DIODE CHIP DA204K-TPTX	0	0
C470	0893211R	CAP 1608CHIP 1500PFKB 50V TAPE	0		D604	CC10721R	DIODE CHIP DA204K-TPTX	0	0
C473	AL01843R	2200UF 10V AL. ELECTROLYTIC CAPACITOR		0	D605	CC10721R	DIODE CHIP DA204K-TPTX	0	0
C474	AL01843R	2200UF 10V AL. ELECTROLYTIC CAPACITOR		0	D606	CC10721R	DIODE CHIP DA204K-TPTX	0	0
C475	AL01843R	2200UF 10V AL. ELECTROLYTIC CAPACITOR		0	D607	CC10721R	DIODE CHIP DA204K-TPTX	0	0
C476	AL01843R	2200UF 10V AL. ELECTROLYTIC CAPACITOR		0	D608	CC10721R	DIODE CHIP DA204K-TPTX	0	0
C482	0880009R	CAPPOLYESTER 0.01UF-K50V	0	0	D609	CC10721R	DIODE CHIP DA204K-TPTX	0	0
	AA01814R	CCC333K50-B-16CT	0	0	D610	CC00003R	DIODE.CHIP1SS355	0	0
	AA01814R	CCC333K50-B-16CT	0	0	D611	CC00003R	DIODE.CHIP1SS355	0	0
	AA01802R	CCC103K50-B-16CT MCH18	0	0	DP01	CC01661R	DIODE SFPJ-73	0	0
	AA01802R	CCC103K50-B-16CT MCH18	0	0	DS01	CC00003R	DIODE.CHIP1SS355	0	0
C604 C605	AA01802R AA01802R	CCC103K50-B-16CT MCH18 CCC103K50-B-16CT MCH18	0	0 0	DS02 DS04	CC00003R CC00142R	DIODE.CHIP1SS355	0	0
C606	0893044R	CAP2125CHIP10000PFKB50VTAPE	0	0	D304	CC00142R	CHIP DIODE RD5.1UM(B2-T)	U	U
C607	AD00436R	CEC100M16-EWCT	0	0			INTEGRATED CIRCUITS		
	AA01802R	CCC103K50-B-16CT MCH18	0	0	1001	CK06571U	DIGITAL MONOLITHIC IC (HD64F3397)	0	0
C609	AD00436R	CEC100M16-EWCT	0	0	1002	CK32542R	DIGITAL MONOLITHIC IC (M24C16-WMN6T)	0	0
	AA01814R	CCC333K50-B-16CT	0	0	1003	CK06091R	DIGITAL MONOLITHIC IC (PST9142-T(FP))	0	0
C611	AD00436R	CEC100M16-EWCT	0	0	1201	CK32661R	DIGITAL MONOLITHIC IC (HD74LVC244AT)	0	0
C612	AA01814R	CCC333K50-B-16CT	0	0	1202	CK32072R	DIGITAL MONOLITHIC IC (THC63LVDM83R)	0	0
C613	AA01814R	CCC333K50-B-16CT	0	0	1600	CK37891U	DIGITAL MONOLITHIC IC (SII169)	0	0
C614	AA01814R	CCC333K50-B-16CT	0	0	1602	CK04681R	DIGITAL MONOLITHIC IC (DS14C232CM)	0	0
C615	AA01814R	CCC333K50-B-16CT	0	0	1603	CK06097R	ANALOG MONOLITHIC IC(PST9127NR)	0	0
C616	AA01814R	CCC333K50-B-16CT	0	0	IC401	CK35272R	IC NJW1133AM-TE1	0	0
	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	0	0	IC402	CK35311R	NJM2192AM	0	0
	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	0	0	IC403	CK31991R	ANALOG MONOLITHIC IC BU4052BCF-E2	0	0
	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	0	0	IC404	CP07681U	DIGITAL POWER IC(TA2020-020)	0	0
	AA01111R	CERAMIC CAPACITOR(1.0UF 6.3V)	0	0	IP02	CK37162R	MONO IC SI-8033JD	0	0
	AA01814R	CCC333K50-B-16CT	0	0	IS01	CP08241U	ANALOG MONOLITHIC IC (BA6956AN)	0	0
	AA01814R	CCC333K50-B-16CT	0	0			2011.2		
	AA01814R	CCC333K50-B-16CT	0	0	1 201	DA00742D	COILS	0	0
CP01 CP02	AL01857R AL01833R	470UF 25V AL. ELECTROLYTIC CAPACITOR 1000UF 6.3V AL. ELECTROLYTIC CAPACITOR	0	0	L201 L202	BA00712R BA00712R	3225 CHIP COIL 47UH 3225 CHIP COIL 47UH	0	0
CP02 CP04	AA00968R	CCC106M06-B-20CT (10UF 6.3V 2012M)	0	0	L202 L203	BA00712R BA00712R	3225 CHIP COIL 470H	0	0
CP04 CP05	AD00416R	CEC101M06-EWCT	0	0	L203 L204	BA00712R BA00712R	3225 CHIP COIL 470H	0	0
CP09	AD00416R	CEC101M06-EWCT	ő	0	L401	BH01811R	COIL 10UH 2.1A	o o	ő
CP10	AD00416R	CEC101M06-EWCT	o	0	L402	BH01811R	COIL 10UH 2.1A	o	ő
CS02	AD00436R	CEC100M16-EWCT	ó	0	L403	BH01811R	COIL 10UH 2.1A	0	0
CS03	0893044R	CAP2125CHIP10000PFKB50VTAPE	ó	0	L404	BH01811R	COIL 10UH 2.1A	0	0
CS04	AD00441R	CEC101M16-EWCT	0	0	L409	BZ01421R	COIL FERRITE BEAD BL02RN1-R62T4	0	0
CS07	AA01814R	CCC333K50-B-16CT	0	0	L410	BZ01421R	COIL FERRITE BEAD BL02RN1-R62T4	0	0
CS10	AA00968R	CCC106M06-B-20CT (10UF 6.3V 2012M)	0	0	L413	BZ01421R	COIL FERRITE BEAD BL02RN1-R62T4	0	0

SYMBOL	PART	PART	32"	42"	SYMBOL	PART	PART	32"	42"
NO.	NO.	DESCRIPTION			NO.	NO.	DESCRIPTION		
L414	BZ01421R	COIL FERRITE BEAD BL02RN1-R62T4	0	0	R032	0790024R	RES.CHIP 1/16W 100 OHM	0	0
L415	BZ05521	DC COM. MODE CHOKE COIL 7UH 2A	0		R035	0790024R	RES.CHIP 1/16W 100 OHM	0	0
L416	BZ05521	DC COM. MODE CHOKE COIL 7UH 2A	0		R036	0790051R	RES.CHIP 1/16W 10K OHM	0	0
L600	BA00712R	3225 CHIP COIL 47UH	0	0	R039	AQ00024R	RES.CHIP 1/16W 100 OHM (4 R)	0	0
	BA00712R	3225 CHIP COIL 47UH	0	0	R042	0790024R	RES.CHIP 1/16W 100 OHM	0	0
L602	BA00712R	3225 CHIP COIL 47UH	0	0	R043	0790051R	RES.CHIP 1/16W 10K OHM	0	0
	BA00712R	3225 CHIP COIL 47UH	0	0	R044	0790051R	RES.CHIP 1/16W 10K OHM	0	0
	BA00632R	C12-K4.5L SMD COIL 100UH	0	0	R046	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	2125806N	FILT.COIL(LHL0847UH)	0	0	R047	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	BA00712R	3225 CHIP COIL 47UH	0	0	R048	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	2125806N	FILT.COIL(LHL08 47UH)	0	0	R053	AQ00024R	RES.CHIP 1/16W 100 OHM (4 R)	0	0
LS02	BZ01421R	COIL FERRITE BEAD BL02RN1-R62T4	0	0	R054	0790046R	RES.CHIP 1/16W 4.7K OHM	0	0
					R055	0790046R	RES.CHIP 1/16W 4.7K OHM	0	0
		TRANSISTORS			R059	0790045R	RES.CHIP 1/16W 3.9K OHM	0	0
Q001	1323293R	TRS.CHIP 2SC4617 TL (R/S)	0	0	R063	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
Q005	1323294R	TRS.CHIP 2SA1774 TL (R/S)	0	0	R064	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
Q006	1323294R	TRS.CHIP 2SA1774 TL (R/S)	0	0	R065	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
Q201	1323293R	TRS.CHIP 2SC4617 TL (R/S)	0	0	R066	0790024R	RES.CHIP 1/16W 100 OHM	0	0
	CA00981R	TRS.CHIP DTC114EE TL	0	0	R068	0790051R	RES.CHIP 1/16W 10K OHM	0	0
Q203	CA01011R	TRS.CHIP2SK3018	0	0	R075	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
Q204	CA01011R	TRS.CHIP2SK3018	0	0	R076	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
Q401	1323293R	TRS.CHIP 2SC4617 TL (R/S)	0	0	R077	0790046R	RES.CHIP 1/16W 4.7K OHM	0	0
Q402	1323293R	TRS.CHIP 2SC4617 TL (R/S)	0	0	R078	0790046R	RES.CHIP 1/16W 4.7K OHM	0	0
	CA00981R	TRS.CHIP DTC114EE TL	0	0	R079	0790057R	RES.CHIP 1/16W 33K OHM	0	0
Q404	CA00771R	TRS.CHIP DTC323TK	0	0	R080	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	CA00771R CA00981R	TRS.CHIP DTC323TK	0	0	R081	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
Q406	CA00981R CA00771R	TRS.CHIP DTC114EE TL	0	0 0	R083	0790024R	RES.CHIP 1/16W 100 OHM	0	0
Q407 Q408	CA00771R CA00981R	TRS.CHIP DTC323TK	0	0	R084 R085	0790037R 0790024R	RES.CHIP 1/16W 1.0K OHM RES.CHIP 1/16W 100 OHM	0	0
	CA00961R CA01011R	TRS.CHIP DTC114EE TL TRS.CHIP2SK3018	0	0	R087	0790024R 0790028R	RES.CHIP 1/16W 100 OHM RES.CHIP 1/16W 220 OHM	0	0
	CA01011R CA01011R	TRS.CHIP2SK3018	0	0	R092	0790026R 0790042R	RES.CHIP 1/16W 220 OHM	0	0
Q601 Q602	1323392	TRS.CHIP UMX1N	0	0	R092 R093	0790042R 0790042R	RES.CHIP 1/16W 2.2K OHM	0	0
	CA00122R	TRS.CHIP 0MATN TRS.CHIP 2SA1576A(R)50V TAPE	0	0	R094	0790042R 0790046R	RES.CHIP 1/16W 4.7K OHM	0	0
QS04	CA00983R	TRS.CHIP DTC144EE TL	0	0	R095	0790046R	RES.CHIP 1/16W 4.7K OHM	0	0
Q007	O/10030311	THO.OTH BIOITALE IE	O	Ü	R096	0790034R	RES.CHIP 1/16W 560 OHM	0	0
		RESISTORS			R097	0790042R	RES.CHIP 1/16W 2.2K OHM	0	0
R001	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0	R098	0790037R	RES.CHIP 1/16W 1.0K OHM	0	0
	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0	R099	0790037R	RES.CHIP 1/16W 1.0K OHM	0	0
	0790024R	RES.CHIP 1/16W 100 OHM	0	0	R0A1	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	0790024R	RES.CHIP 1/16W 100 OHM	0	0	R0A6	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	0790024R	RES.CHIP 1/16W 100 OHM	0	0	R0A8	0790024R	RES.CHIP 1/16W 100 OHM	0	0
	0790024R	RES.CHIP 1/16W 100 OHM	0	0	R0A9	0790051R	RES.CHIP 1/16W 10K OHM	0	0
	0790037R	RES.CHIP 1/16W 1.0K OHM	0	0	R0C7	0790051R	RES.CHIP 1/16W 10K OHM	0	0
	0790037R	RES.CHIP 1/16W 1.0K OHM	0	0	R0C8	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
R014	0790046R	RES.CHIP 1/16W 4.7K OHM	0	0	R0C9	0790045R	RES.CHIP 1/16W 3.9K OHM	0	0
R015	0790046R	RES.CHIP 1/16W 4.7K OHM	0	0	R0E2	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	
	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0	R0E3	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
R017	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0	R0E4	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
R018	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0	R0E5	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608		0
R019	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0	R0E8	0790051R	RES.CHIP 1/16W 10K OHM	0	0
	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0	R201	0790051R	RES.CHIP 1/16W 10K OHM	0	0
R022	0790024R	RES.CHIP 1/16W 100 OHM	0	0	R202	0790051R	RES.CHIP 1/16W 10K OHM	0	0
R023	0790024R	RES.CHIP 1/16W 100 OHM	0	0	R203	0790051R	RES.CHIP 1/16W 10K OHM	0	0
R024	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0	R204	0790051R	RES.CHIP 1/16W 10K OHM	0	0
R025	0790024R	RES.CHIP 1/16W 100 OHM	0	0	R205	0790051R	RES.CHIP 1/16W 10K OHM	0	0
R026	0790024R	RES.CHIP 1/16W 100 OHM	0	0	R206	0790024R	RES.CHIP 1/16W 100 OHM	0	0
R027	AQ00024R	RES.CHIP 1/16W 100 OHM (4 R)	0	0	R207	0790024R	RES.CHIP 1/16W 100 OHM	0	0
	AQ00024R	RES.CHIP 1/16W 100 OHM (4 R)	0	0	R208	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	AQ00024R	RES.CHIP 1/16W 100 OHM (4 R)	0	0	R210	0195250R	RES 2125 CHIP JAMPER WIRE	0	0
R030	AQ00024R	RES.CHIP 1/16W 100 OHM (4 R)	0	0	R212	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0

SYMBOL	PART	PART	32"	42"	SYMBOL	PART	PART	32"	42"
NO.	NO.	DESCRIPTION			NO.	NO.	DESCRIPTION		
	0790051R	RES.CHIP 1/16W 10K OHM	0	0	R461	0790051R	RES.CHIP 1/16W 10K OHM	0	0
	0790037R	RES.CHIP 1/16W 1.0K OHM	0	0	R462	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
		RES.CHIP 1/16W 5.6K OHM	0	0	R463	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0	R600	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	AQ00001R	RES.CHIP 1/16W 0 OHM	0	0	R602	0790017R	RES.CHIP 1/16W 33 OHM	0	0
	AQ00001R	RES.CHIP 1/16W 0 OHM	0	0	R603	0790017R	RES.CHIP 1/16W 33 OHM	0	0
	AQ00001R	RES.CHIP 1/16W 0 OHM	0	0	R604	0790017R	RES.CHIP 1/16W 33 OHM	0	0
	0790028R	RES.CHIP 1/16W 220 OHM	0	0	R605	0790017R	RES.CHIP 1/16W 33 OHM	0	0
	0790028R	RES.CHIP 1/16W 220 OHM	0	0	R606	0790032R	RES.CHIP 1/16W 390 OHM	0	0
	0790068R	RES.CHIP 1/16W 220K OHM	0	0	R607	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	0790068R	RES.CHIP 1/16W 220K OHM	0	0	R609	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	0790024R	RES.CHIP 1/16W 100 OHM	0	0	R610	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	0790024R	RES.CHIP 1/16W 100 OHM	0	0	R612	0790057R	RES.CHIP 1/16W 33K OHM	0	0
-	0790061R	RES.CHIP 1/16W 56K OHM	0	0	R613	AQ00017R	RES.CHIP 1/16W 33 OHM (4 R)	0	0
	0196096R	RES1608CHIP 1/16W 13K-J TAPE	0	0	R614	AQ00017R	RES.CHIP 1/16W 33 OHM (4 R)	0	0
	0196123R	RES1608CHIP 1/16W 160K-J TAPE	0	0	R615	AQ00017R	RES.CHIP 1/16W 33 OHM (4 R)	0	0
	0196106R	RES 1608 CHIP 1/16W 36KJ TAPE	0	0	R616	AQ00017R	RES.CHIP 1/16W 33 OHM (4 R)	0	0
	0196091R	RES1608CHIP 1/16W 9.1K-J TAPE	0	0	R617	AQ00017R	RES.CHIP 1/16W 33 OHM (4 R)	0	0
	0196119R	RES1608CHIP 1/16W 110K-J TAPE	0	0	R618	AQ00017R	RES.CHIP 1/16W 33 OHM (4 R)	0	0
	0790051R	RES.CHIP 1/16W 10K OHM	0	0	R619	0790044R	RES.CHIP 1/16W 3.3K OHM	0	0
	0196066R	RES1608CHIP 1/16W 910-J TAPE	0		R620	0790051R	RES.CHIP 1/16W 10K OHM	0	0
	0790036R	RES.CHIP 1/16W 820 OHM		0	R621	0790051R	RES.CHIP 1/16W 10K OHM	0	0
	0196066R	RES1608CHIP 1/16W 910-J TAPE	0		R622	0790051R	RES.CHIP 1/16W 10K OHM	0	0
	0790036R	RES.CHIP 1/16W 820 OHM		0	R625	0790024R	RES.CHIP 1/16W 100 OHM	0	0
	0196077R	RES1608CHIP 1/16W 2.4K-J TAPE	0	0	R626	0790024R	RES.CHIP 1/16W 100 OHM	0	0
	0790047R	RES.CHIP 1/16W 5.6K OHM	0	0	R627	0790051R	RES.CHIP 1/16W 10K OHM	0	0
	0790037R	RES.CHIP 1/16W 1.0K OHM	0	0	R628	0790051R	RES.CHIP 1/16W 10K OHM	0	0
	0790037R	RES.CHIP 1/16W 1.0K OHM	0	0	R629	0790059R	RES.CHIP 1/16W 47K OHM	0	0
	0790037R	RES.CHIP 1/16W 1.0K OHM	0	0 0	R630	0790046R	RES.CHIP 1/16W 4.7K OHM	0	0
	0790048R 0790048R	RES.CHIP 1/16W 6.8K OHM	0	0	R631	0790051R	RES.CHIP 1/16W 10K OHM	0	0
		RES.CHIP 1/16W 6.8K OHM	0	0	R636	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	0790037R	RES.CHIP 1/16W 1.0K OHM	0	0	R637	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	0790037R	RES.CHIP 1/16W 1.0K OHM	0	-	R638	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	0790037R 0790037R	RES.CHIP 1/16W 1.0K OHM RES.CHIP 1/16W 1.0K OHM	0	0 0	R639 R640	0790001R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	0196098R	RES1608CHIP 1/16W 1.6K-J TAPE	0	0	R641	0790001R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608 CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	0196098R	RES1608CHIP 1/16W 16K-J TAPE	0	0	R642	0790001R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	0196108R	RES1608CHIP 1/16W 43K-J TAPE	0	0	R643	0790001R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	0196108R 0196108R	RES1608CHIP 1/16W 43K-J TAPE	0	0	R644	0790001R 0790031R	RES.CHIP 1/16W 330 OHM	0	0
	0113701M	RESISTOR CARBON FILM SRD1/2P-B 10-J	0	0	R645	0790031R 0790031R	RES.CHIP 1/16W 330 OHM	0	0
	0113701M 0113701M	RESISTOR CARBON FILM SRD1/2P-B 10-3	0	0	R646	0790001R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	0790051R	RES.CHIP 1/16W 10K OHM	0	0	R648	0790001R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
	0790051R 0790051R	RES.CHIP 1/16W 10K OHM	0	0	R654	0790021R 0790028R	RES.CHIP 1/16W 220 OHM	0	0
	0790031R 0790042R	RES.CHIP 1/16W 10K OHM	0	0	R655	0790028R 0790028R	RES.CHIP 1/16W 220 OHM	0	0
	0790042R 0790064R	RES.CHIP 1/16W 2.2K OHIW RES.CHIP 1/16W 100K OHM	0	0	R656	0790026R 0790057R	RES.CHIP 1/16W 220 OHM RES.CHIP 1/16W 33K OHM	0	0
		RES.CHIP 1/16W 100 OHM	0	0	R657	0790057R 0790057R	RES.CHIP 1/16W 33K OHM	0	0
	0790024R 0790059R	RES.CHIP 1/16W 100 OHM	0	0	RB01	AQ00001R	RES.CHIP 1/16W 0 OHM	0	0
R439	0790039R 0790049R	RES.CHIP 1/16W 47 KOHM	0	0	RB02	AQ00001R AQ00001R	RES.CHIP 1/16W 0 OHM	0	0
	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0	RG01	AQ00001R	RES.CHIP 1/16W 0 OHM	0	0
	0790001R 0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0	RG02	AQ00001R AQ00001R	RES.CHIP 1/16W 0 OHM	0	0
		RES.CHIP 1/16W 12K OHM	0	0	RP09	0790001R	CHIP RESISTOR RECJUMPER-1-16C16T1608	0	0
		RES.CHIP 1/16W 12K OHM	0	o o	RR01	AQ0001R	RES.CHIP 1/16W 0 OHM	0	0
		RES.CHIP 1/16W 4.7K OHM	0	o o	RR02	AQ00001R AQ00001R	RES.CHIP 1/16W 0 OHM	0	0
		RES.CHIP 1/16W 4.7K OHM	0	ñ	RS01	0790063R	RES.CHIP 1/16W 0 OHM	0	0
	0790046R 0790044R	RES.CHIP 1/16W 4.7K OHIM	0	0	RS02	0790056R 0790056R	RES.CHIP 1/16W 27K OHM	0	0
		RES.CHIP 1/16W 3.3K OHIWI RES.CHIP 1/16W 27K OHM	0	٦	RS03	0790056R 0790024R	RES.CHIP 1/16W 2/K OHM	0	0
	0790056R 0790056R	RES.CHIP 1/16W 27K OHM	0		RS04	0790024R 0790024R	RES.CHIP 1/16W 100 OHM	0	0
		RES.CHIP 1/16W 27K OHM	0	0	RS05	0790024R 0790051R	RES.CHIP 1/16W 100 OHM	0	0
		RES.CHIP 1/16W 10K OHM	0	0	RS06	0790051R 0790077R	RES.CHIP 1/16W 10.00 OHM	0	0
ハーしご	0790047R 0790024R	RES.CHIP 1/16W 100 OHM	0	0	RS07	AT01049S	RES.MTL FLM 1W 5.6 OHM	0	Š

SYMBOL NO.	PART NO.	PART DESCRIPTION	32"	42"	SYMBOL NO.	PART NO.	PART DESCRIPTION	32"	42"
RS08	0188093M	ESCARBON FLM 1/2W 1.5-J	0	0	R003	0700041M	RESCARBON FLM 1/16W 1.0K-JB	0	0
	0790051R	RES.CHIP 1/16W 10K OHM	0	0	R902	AT03672M	RES.MTL GRAZD FLM 1/2W 3.3M	0	0
	0790051R 0790051R	RES.CHIP 1/16W 10K OHM	0	0	11302	A103072W	INCO.WITE GRAZE I EWI 1/2W 3.3W	ľ	Ŭ
	0790051R 0790051R	RES.CHIP 1/16W 10K OHM	0	0			MISCELLANEOUS		
RS14	0790051R 0790051R	RES.CHIP 1/16W 10K OHM	0	0	EGND	ED01651R	CONNECTOR CP-03PH2R5V	0	0
RS15	0790037R	RES.CHIP 1/16W 1.0K OHM	0	0	JA402	ER00061	JACK SP TERMINAL	ľ	0
RY401	FJ00291	RELAY DQ1SU	0	0	JA402 JA403	ER00061	JACK SP TERMINAL		0
RY401 RY402			0	0	PAS3	2902261			0
R 1402	FJ00291	RELAY DQ1SU	U	U	PAS3 PAS4	2902261	PLUG PIN SUB MINI 2P		0
		SWITCH			PAS4 PPU1	2902262 ED02812	PLUG PIN SUB MINI 3P 6P VH CONNECTOR PLUG #2,4,5 NC	0	0
0004	0000074		_	_				0	0
S001	2632971	TACT SWITCH SKHH	0	0	PPU2	ED02801	2P PLUG PIN	0	0
					PSC2	2675285	PIN POST (PH 6P)		0
		CRYSTALS			PSC2	2959055	CONNECTOR-6P(PH)	0	
	BE00391R	SMD LC FILTER MEA3216L50R0	0	0	PSW	ED02811	8P VH PLUG PIN	0	0
X002	BL00291R	OSCILLATOR (SMD-49)	0	0					
	BK00191R	CHIP CERAMIC FILTER NFL21SP506X1C3D	0	0			PT3 32" & 42" OWNER & ACCESSORIES ASS'Y	32/42HDT50	32/42HDT55
X601	BK00191R	CHIP CERAMIC FILTER NFL21SP506X1C3D	0	0	E01	EV01841	POWER CORD 125V10A UL/CSA	0	0
X602	BK00191R	CHIP CERAMIC FILTER NFL21SP506X1C3D	0	0	#10	SG33824	ACCESSORIESBOX	0	0
X603	BK00191R	CHIP CERAMIC FILTER NFL21SP506X1C3D	0	0	E001	FQ00021	DRY BATTERY(R6P-AA)	0	0
X604	BK00191R	CHIP CERAMIC FILTER NFL21SP506X1C3D	0	0	E002	FR00061	DRY BATTERY R03(AB) E T		0
X605	BK00191R	CHIP CERAMIC FILTER NFL21SP506X1C3D	0	0	N001	QR55651	HDT50 INSTRUCTION MANUAL	0	
XS01	BE00391R	SMD LC FILTER MEA3216L50R0	0	0	N001	QR57371	HDT55 INSTRUCTION MANUAL		0
XS02	BE00412R	3218 CHIP LC FILTER	0	0	N202	H463072	PLASMA TV WARRANTY CARD USA	0	0
	BE00412R	3218 CHIP LC FILTER	0	0	N203	H463111	PLASMA TV WARRANTY CARD CANADA	0	0
			ľ	ľ	U001	HL01826	RML-CLU-5726TSI	0	0
		MISCELLANEOUS			U002	HL01861	RCT-CLU-120S	ľ	0
J401	2672967	JAK-YKC21-1P-BLK	0	0	N213	H463181	IMAGE RETENTION	0	0
J601	ED03473	CP-24BP1R9H^DVI-D	0	0	14210	11100101	INVICE REPERTION	Ů	ĭ
J602	EY01491	SOCKETYKF51-5376	0	0			PT3 32" FINAL ASS'Y		I
PAS1	2902261	PLUG PIN SUB MINI 2P	0	0	#015L	PH32166	SPNET32PD3000EL	32HDT50M	32HDT55M
PAS1 PAS2	2902261 2902262R	PLUG 03P EHTAPE	0	0	#015L #015L	PH32168	SPINET 32M BLK L	0	U
				0				U	
	EA01252R	1.5MM PITCH 12P CONNECTOR BASE SM3	0	-	#015R	PH32165	SP NET 32PD3000E R		0
PDS	EA01092R	CONNECTOR DF13-20DP-1.25V(59)	0	0	#015R	PH32167	SP NET 32M BLK R	0	
PG2	ED01531	PLUG 02BP3R9V-VH(PBT)	0	0	#018U	PH32153	DECO PANEL 32HDT50M	0	0
PMW	2902266R	PLUG 07P EH TAPE	0	0	#01U	QD35263K	BEZEL ASS 32HDT50M K	0	
PPA	2902263R	PLUG 04P EHTAPE	0	0	#01U	QD35264K	BEZEL ASS 32HDT55M K		0
PPS	2902268	PLUG PIN SUB MINI 9P	0	0	#021U	QA02252K	COVER 32 AL (K)	0	0
PSC2	EA00345R	CONNECTOR CPC06PH2R0VTPH-SM3	0	0	#035U	QJ01171K	STAND ASSY 32-MAN(K)	0	0
PSU	ED03494	5P XH CONNECTOR PLUG B 5B-XH-A	0	0	#041	NQ22331K	CENTER FRAME PDP32(K)	0	0
					#0501	NQ22281K	MAIN FRAME R M3000(K)	0	0
		PT3 32" & 42" FILTER PWB ASS'Y			#0505	NQ22282K	MAIN FRAME L M3000(K)	0	0
					#0601	GM01211	SPEAKER UNIT SPU-32PT3	0	0
		CAPACITORS			#0800	KS06491K	32"FRONT FILTER (FIBER MESH)	0	
C001	0800324R	CAPELECTRO. 100UF-M(SMG) 6.3V	0	0	#0800	KS06552K	32"FRONT FILTER (FIBER MESH)		0
C002	0244171R	CAPCERAMIC 0.01UF-Z F 50V TAPE	0	0	Α	DD00531K	FLTFPF32C106128UA-71EXPORT	0	0
	AN01447S	ACROSS CAPA 0.47UF 250V RE474		0	E1	EF21373	CONNECTOR CO-02C-N110-211-VT	0	0
↑ C903	AN01447S	ACROSS CAPA 0.47UF 250V RE474		0	U1	HA01121K	POWER UNIT MPF7103-K	0	0
C906	AN01447S	ACROSS CAPA 0.47UF 250V RE474		0	<b>.</b>			ľ	ľ
0300	A14014470	AONOGO OAI AU.4701 250V NE474		Ŭ			PT3 42" FINAL ASS'Y	42HDT50M	42HDT55M
		DIODE			#0000	Keuevook		42HD150M	42HD155M
D001	0040564		0	0	#0800 #0800	KS06492K KS06551K	42"FRONT FILTER(FIBER MESH)	U	0
D001	2343561	LED SPR-54MVW	U	U	#0800 #092	QD34904K	42"FRONT FILTER(FIBER MESH) FRAME ASSY 42HDT50M	0	0
		Euos						U	
=		FUSE		_	#093	QD34905K	FRAME ASSY 42HDT55M(K)		0
<u>∧</u> F902	FN00439	HT FUSE 250V 6.3A 5.2X20MM	0	0	#095	QD34782	PT3 FRONT FRAME 42	0	0
					#097	PH32013	PT3 DECORATION PANEL 42U	0	0
		UNITS			#098	PC05481	PT3 RC LENS 42	0	0
H001	CZ00641	GP1U281Q	0	1	#201	QA02503K	BACK COVER W42M3000(K)	0	0
H001	CZ00833	R/C REC.GP1U281R		0	#300	QJ01191K	STAND ASSY 42-MAN(K)	0	0
				1	#402	QA02436K	MAIN FRAME 42PT3(K)	0	0
		COILS		1	Α	DD00552K	FLTFPF42C128128UB-75EXPORT	0	0
L481	BZ05521	DC COM. MODE CHOKE COIL 7UH 2A		0	E1	EF21373	CONNECTOR CO-02C-N110-211-VT	0	0
L482	BZ05521	DC COM. MODE CHOKE COIL 7UH 2A		0	U1	HA01133K	POWER UNIT MPF7404L-K	0	0
				1					
		RESISTORS		1			PT3 42" MONITOR PRODUCT ASS'Y	1	
R001	0700038M	RESCARBON FLM 1/16W 680-JB	0	0	SPU	GM01193	SPEAKER UNIT 42PT3(USA)	0	
R002	0700037M	RESCARBON FLM 1/16W 560-JB	0	0	SPU	GM01195	SPEAKER UNIT 42PT3 (S)USA	ľ	0
	2. 0000/ IVI		·	·		, 5	15. 2		<u></u>

# QUICK REFERENCE PARTS LIST AVC IC'S & UNITS

No.	Cir.No.	P#	Description	Function	PWB ASSY	Remarks
	H901	CW00352	UPM0518SA	SWITCHING REGULATOR	POWER	Kemai Ks
	I901	CZ00869	STR-F6668B(LF1351)		POWER	
	I902	CP07851	TLP421	OPT.ISOLATOR	POWER	
	I905	CP07851	TLP421	OPT.ISOLATOR	POWER	
	I930	CK37171R	SPI-8010A	+5.5V REGULATOR	POWER	
	I931	CP08111U	SI-8010GL	+1.8V REGULATOR	POWER	
	I932	CK37194R	SI-3050LSA-TL	+5.0V REGULATOR	POWER	
	I933	CK37162R	SI-8033JD	+3.3V REGULATOR	POWER	
	DM01	CH02031R	SPR-505MVW	LED	CONTROL	
	DM02	CH02721	PNZ313B	I/R Receiver	CONTROL	
	HM01	CZ01091	GP1UA261XK	I/R Receiver	CONTROL	
	I001	CK38641U	M306V7FHFP-FLASH	TV u-com	AV	
	I001 I002		1		AV	
		CK37051R	BD4729G-TR	RESET IC		
	I003	CK35894R	CAT24WC32J1	EEPROM	AV	
	I004	CK31992R	BU4053BCF-E2	OSD/FLASH SELECTOR	AV	
	I201	CK31992R	BU4053BCF-E2	CCD SELECTOR	AV	
	I202	CK37412U/22U	S3*80F9XKN-QZR7	IR-BLASTER	AV	
	I203	CK32271R	MC74VHCT244ADTR2	OCTAL BUS BUFFER	AV	
	I204	CK31992R	BU4053BCF-E2	BLASTER/ R/C SELECTOR	AV	
	I206	CK32271R	MC74VHCT244ADTR2	OCTAL BUS BUFFER	AV	
21	I207	CK01172R	HD74HC221FPEL	H-SYNC PHASE SHIFT	AV	
22	I208	CK35893R	CAT24WC16J1	EEPROM	AV	
23	I401	CK31991R	BU4052BCF-E2	AUDIO SELECTOR	AV	
24	I402	CP02601	AN5285K	PERFECT VOL.	AV	
25	I403	CK31031R	BA3530FS-E2	HEAD PHONE AMP.	AV	
26	I904	CK37212R	TK11125CSCL	+2.5V REGULATOR	AV	
27	I905	CK37194R	SI-3050LSA-TL	+5.0V REGULATOR	AV	
28	I906	CK37194R	SI-3050LSA-TL	+5.0V REGULATOR	AV	
29	I907	CK38377R	SI-3090KM	+9.0V REGULATOR	AV	
30	I908	CK38377R	SI-3090KM	+9.0V REGULATOR	AV	
31	I909	CK38377R	SI-3090KM	+9.0V REGULATOR	AV	
	I910	CK37193R	SI-3033LSA-TL	+3.3V REGULATOR	AV	
	IJ01	CK35163R	SII907BCQ52	DVI(TMDS) RECEIVER	AV	
	IJ02	CK37051R	BD4729G-TR	RESET IC	AV	
	IJ03	CA01301R	NDC7002N	BUS LEVEL CHANGE	AV	
	IJ04	CP05273U	M24C02-BN6	EEPROM for DDC	AV	
	IJ05	CK37194R	SI-3050LSA-TL	+5.0V REGULATOR	AV	
	IJ05	CK37194R CK37193R	SI-3033LSA-TL	+3.3V REGULATOR	AV	
	IM01	CK37193R CK38791R	NJM2137V	Amplifier	CONTROL	
	IV01	CK38791R CK07631R	TC90A45F	2L COMB. For SUB	AV	
		CK07631R CK36951U	UPD64083GF-3BA		AV	
	IW01			3D Y/C SEP.		
	IW02	CK06097R	PST9127NR	RESET IC	AV	
	IX01	CK30941U	CXA2069Q	A/V SELECTOR	AV	
	IX02	CK34811U	MM1519XQ	YPbPr SELECTOR	AV	
	IX03	CK38101R	NJM2584M(TE1)	YPbPr SELECTOR	AV	
	IZ01	CK38721R	TA1383FG	SUB VIDEO/CHROMA	AV	
	IZ02	CK38721R	TA1383FG	MAIN VIDEO/CHROMA	AV	
	IZ03	CK31041R	TA1287F(EL)	MAIN CCD MIXER	AV	
	IZ04	CK38101R	NJM2584M(TE1)	YPbPr SELECTOR	AV	
	IZ05	CK31041R	TA1287F(EL)	SUB CCD MIXER	AV	
51	IZ06	CK31992R	BU4053BCF-E2	M/S CCD SYNC SELECTOR	AV	
	U101	HC00512	F-E-ENGE6106DR	1st Tuner	AV	
53	U102	HC00463	F-E-ENG36614GR	2nd Tuner	AV	
54	A21	CS00721	HCP131 ASS'Y	Flex Controller	AVC FINAL	
55	EANT	HP00771	UNX ANT SW	ANT SW BOX	AVC FINAL	

32HDT20	32" PLASMA TV
PART NUMBER	PART DESCRIPTION
FPF17R-ABL5004	ADDRESS BUS BOARD (LEFT)
FPF17R-ABR5005	ADDRESS BUS BOARD (RIGHT)
FPF17R-LGC5009	LOGIC BOARD
FPF17R-XSS5010	X-SUS BOARD
FPF17R-YSS5011	Y-SUS BOARD
HA01023	POWER UNIT
JP04843	SIGNAL/AUDIO PWB ASSEBLY(SVC)
JT22733	AC FILTER/POWER PWB ASSEMBLY
JT23201	POW/FIL ASSY 32HDT20

42HDT20	42" PLASMA TV
PART NUMBER	PART DESCRIPTION
FPF16R-ABL5004	ADDRESS BUS BOARD (LEFT)
FPF16R-ABR5005	ADDRESS BUS BOARD (RIGHT)
FPF16R-LGC5006	LOGIC BOARD
FPF16R-XSS5002	X-SUS BOARD
FPF16R-YSS5003	Y-SUS BOARD
HA00994	POWER UNIT
JP05406	SIGNAL/AUDIO PWB ASSEMBLY
JT23006	AC FILTER PWB ASSEMBLY

42HDT20A	42" PLASMA TV
PART NUMBER	PART DESCRIPTION
FPF16R-ABL5010	ADDRESS BUS BOARD (LEFT)
FPF16R-ABR5011	ADDRESS BUS BOARD (RIGHT)
FPF16R-LGC5007	LOGIC BOARD
FPF16R-XSS5008	X-SUS BOARD
FPF16R-YSS5009	Y-SUS BOARD
HA00994	POWER UNIT
JP05406	SIGNAL/AUDIO PWB ASSEMBLY
JT23006	AC FILTER PWB ASSEMBLY

32HDT50	32" PLASMA TV
PART NUMBER	PART DESCRIPTION
FPF17R-ABL5014	ADDRESS BUS BOARD(LEFT)32HDT50
FPF17R-ABR5015	ADDRESS BUS BOARD(RIGHT)32HDT5
FPF17R-LGC5018	LOGIC BOARD 32HDT50
FPF17R-XSS5016	X-SUS BOARD 32HDT50
FPF17R-YSS5017	Y-SUS BOARD 32HDT50
HA01121K	POWER UNIT MPF7103-K

42HDT50	42" PLASMA TV
PART NUMBER	PART DESCRIPTION
	ADDRESS BUS BOARD (LEFT)
FPF16R-ABR5011	ADDRESS BUS BOARD (RIGHT)
FPF16R-LGC5007	LOGIC BOARD
FPF16R-XSS5008	X-SUS BOARD
FPF16R-YSS5009	Y-SUS BOARD
FPF16RLGC500703	LOGIC PWB (PANEL ENDING UB-75)
HA01133K	POWER UNIT MPF7404L-K

## Function of Digital Interface

#### (1) Specification of TMDS connector (24P DVI-D)

No.	Signal name	Function	Remarks
1	T X 2 -	AVC→PDP	
2	T X 2 +	Difference data	AVC→PDP
3	T X 2 Shield	Shield ground	GND
4	NC		
5	NC		
6	SCLH	PDP u-con clock	PDP→AVC
7	SDAH	PDP u-con data	PDP→AVC
8	NC		
9	T X 1 -	Difference data	AVC→PDP
10	T X 1 +	Diference data	AVC→PDP
11	T X 1 Shield	Shield ground	GND
12	NC		
13	NC		
14	AVDET	AVC Voltage det.	AVC→PDP
15	GND		
16	HPDET	Conn. Connection det.	PDP→AVC
17	T X 0 -	Difference data	AVC→PDP
18	T X 0 +	Difference data	AVC→PDP
19	T X 0 Shield	Shield ground	GND
20	NC		
21	NC		
22	T X C Shield	Shield ground	GND
23	T X C +	Difference clock	AVC→PDP
24	T X C -	Difference clock	AVC→PDP
	GND	GND	

	1	2	3	4	5	6	7	8	l /
Ι	9	10	1	12	1	4	15	16	
$\ $	17	18	19	20	21	22	23	24	/

FRONT VIEW

(2) Sound/Control connector pin specification (8 pin DIN)

No.	Signal name	Function	Remarks
1	TXDO	u-con data transp.	AVC→PDP
2	RXDO	u-con data trans.	PDP→AVC
3	PARITY	Field info.	AVC→PDP
4	REM PDP	PDP I/R Signal	PDP→AVC
5	AUDIO L	Audio L	AVC→PDP
6	AUDIO R	Audio R	AVC→PDP
7	PDDET	Detector PDP pow.	PDP→AVC
8	AVDET2	Detector AVC pow.	AVC→PDP
frame	GND	GND	

