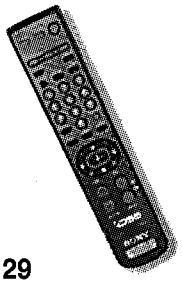
SERVICE MANUAL

SAT-B2/2 RM-Y129

U.S. Models



RM-Y129

SAT-B2/2

MICROFILM

DSS® DIGITAL SATELLITE SYSTEM

DIGITAL SATELLITE RECEIVER

SONY®

Specifications

Input Jacks	UHF/VHF 75 ohm external terminal Satellite Antenna 75 ohm external terminal CONTROL-S IN/S-LINK (mini-jack) 5Vp-p AC Power (120V 60 Hz)
Output Jacks	S-VIDEO OUT 4-pin mini DIN VIDEO (phono jacks) (2) AUDIO R/L (phono jacks) (2) VHF (SAT)/UHF Wide Band Data 15-pin D-Sub Female TEL LINE VCR MOUSE/CONTROL-S OUT (mini-jack)
Input Frequency	950 - 1450 Mhz
Power Requirements	120V AC, 60 Hz
Power Consumption	20 W max.
Dimensions (w/h/d)	16.9 x 3.2 x 10.8 inches 430 x 85 x 290 mm
Weight	Set: 10.8 lb (4.9 kg) Unit: 6.4 lb (2.9 kg)
Supplied Accessories	Remote Commander, RM-Y129 Size AA Batteries (2) Access Card (1) Audio/Video Cable (1) RF Cable (1) Telephone Cable (1) AC Power Cord VCR Mouse, RM-VM101

Design and specifications subject to change without notice.

Optional Sony-brand DSS Accessories

Installation Kit ANJ-DSI	Voltage Switch ECA-DV1	Universal Remote Commander RM-Y130	Coaxial Cable (75 ft.) SAK-C75
In-line Amplifier EAC-DA1	Multi-Room A/V Distribution System MDR-D1	Flat Cable SAK-F1	Dish Antennas SAT-18S1 SAT-18D1
Diplexer EAC-DD1	IR Target (for MRD-D1 System) EAC-T1	Coaxial Cable (25 ft.) SAK-C25	

Specifications

SAFETY CHECK-OUT

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the B+ and HV to see if they are specified values. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
8. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage using one of the methods listed.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of passive VOMs that are suitable. Nearly all battery operated digital multimeters that have a 2 VAC range are suitable. (See Figure 1)

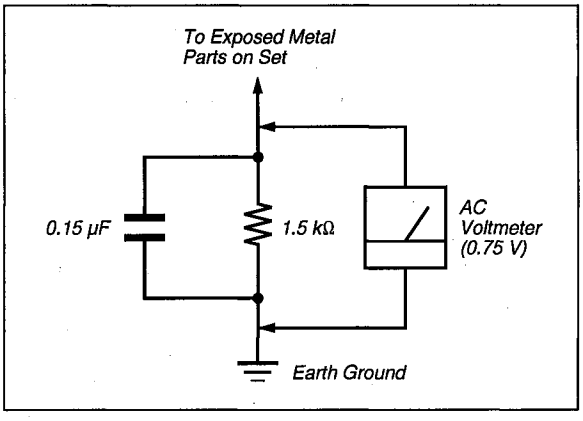


Figure 1. Using an AC voltmeter to check AC leakage.

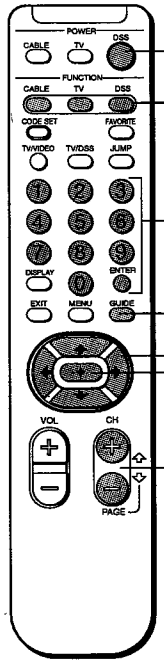
TABLE OF CONTENTS

SAFETY-RELATED COMPONENT WARNING!!

Components identified by shading and mark ⚠ on the schematic diagrams, exploded views and in the parts list are critical for safe operation. Replace these components with Sony parts whose part numbers appear as shown in this manual or in supplements published by Sony. Circuit adjustments that are critical for safe operation are identified in this manual. Follow these procedures whenever critical components are replaced or improper operation is suspected.

The operating instructions mentioned here are partial abstracts from the Operating Manual. The page numbers of the Operating Instruction Manual remain as in the manual.

Remote Control for Model SAT-B2



DSS POWER Button
Turns the DSS receiver on and off.

FUNCTION Buttons
Selects the component (DSS, TV, CABLE) that you want to operate. These buttons flash to indicate which component the remote control is set to operate. To control your TV or cable box, you must first program the remote control, as described on page 85.

0–9 and ENTER Buttons
Pressing the 0–9 buttons and then the ENTER button selects a station number directly.

GUIDE Button
Brings up the Custom Guide.

Arrow Buttons
Scrolls through the program guide.

+ Button
Selects the program that's highlighted. When a program guide is not displayed, pressing the + button brings up the Station Index.

CH/PAGE Buttons
Changes the channel. When a program guide is displayed, pressing the CH/PAGE buttons pages through the guide.

See Also

- Pages 9–10 for a quick start to using the program guide and the Station Index.
- Chapter 4 for procedures for using the main system features.
- Page 84 for a complete description of the buttons on the remote.

TV Only

TV With RF Connector Only

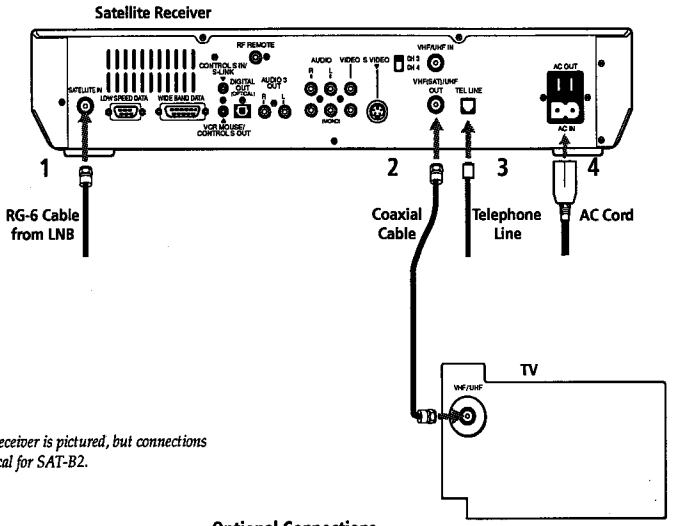
Some TVs label this jack RF IN, instead of VHF/UHF IN.

Refer to the illustration below *(SAT-A2 receiver is pictured).*

1. Connect the RG-6 cable from the satellite antenna's LNB to the DSS receiver's SATELLITE IN jack.
2. Connect the DSS receiver's VHF(SAT)/UHF OUT jack to the TV's VHF/UHF IN jack.

Note
A VHF/UHF connection does not provide stereo sound. To receive stereo sound, you must use an A/V connection (described on page 13).

3. Connect one end of the telephone line cord to the DSS receiver's TEL LINE jack. Connect the other end to your home's modular telephone outlet.
4. Connect one end of the AC power cord to the DSS receiver's AC IN jack. Connect the plug end to an AC outlet.



SAT-A2 receiver is pictured, but connections are identical for SAT-B2.

Optional Connections

- If you have a cable input, cable box, or a terrestrial TV antenna, connect it to the DSS receiver's VHF/UHF IN jack.
- To connect the DSS receiver to your audio system, use audio cables to connect the DSS receiver to your audio receiver's AUDIO IN jacks.

TV With A/V Connectors

Refer to the illustration below *(SAT-A2 receiver is pictured).*

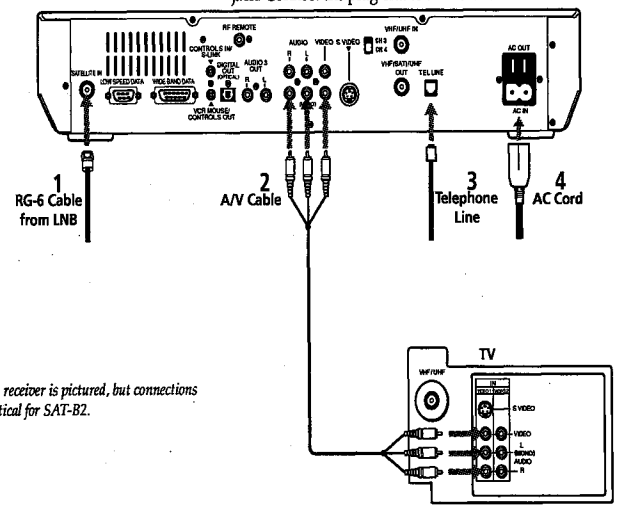
1 Connect the RG-6 cable from the satellite antenna's LNB to the DSS receiver's SATELLITE IN jack.

If your TV has only one AUDIO IN jack, connect the lower (mono) AUDIO L jack on the DSS receiver to the TV's AUDIO IN jack.

2 Connect the DSS receiver's A/V jacks to the TV's A/V IN jacks.

3 Connect one end of the telephone line cord to the DSS receiver's TEL LINE jack. Connect the other end to your home's modular telephone outlet.

4 Connect one end of the AC power cord to the DSS receiver's AC IN jack. Connect the plug end to an AC outlet.



SAT-A2 receiver is pictured, but connections are identical for SAT-B2.

Optional Connections

Some TVs label this jack RF IN, instead of VHF/UHF IN.

- ❑ If you have a cable input, cable box, or a terrestrial TV antenna, connect it to the TV's VHF/UHF IN jack.
- ❑ *Best Connection*: If your TV has an S-VIDEO jack, use an S-VIDEO cable to connect the DSS receiver's S-VIDEO jack to the TV's S-VIDEO IN jack. This provides the best picture quality. Then use audio cables to connect one set of the DSS receiver's audio jacks to the TV's AUDIO IN jacks.
- ❑ To connect the DSS receiver to your audio system, use audio cables to connect the DSS receiver to your audio receiver's AUDIO IN jacks.

TV and VCR

Refer to the illustration on the opposite page *(SAT-A2 receiver is pictured).*

1 Connect the RG-6 cable from the satellite antenna's LNB to the DSS receiver's SATELLITE IN jack.

2 Complete one of the following to connect the DSS receiver:

- ❑ *Better Connection*: Connect the DSS receiver's A/V jacks to the A/V IN jacks on the TV and VCR. If your VCR has only one AUDIO IN jack (monoaural VCR), connect it to the lower (mono) AUDIO L jack on the DSS receiver.
- ❑ *Good Connection*: Connect the DSS receiver's VHF(SAT)/UHF OUT jack to the VCR's VHF/UHF IN jack.

Some VCRs and TVs label this jack RF IN, instead of VHF/UHF IN.

3 Complete one of the following to connect the VCR to the TV:

- ❑ *Better Connection*: If both your TV and VCR have A/V jacks, connect the VCR's A/V OUT jacks to the TV's A/V IN jacks.
- ❑ *Good Connection*: If your TV or VCR has only an RF jack, connect the VCR's VHF/UHF OUT jack to the TV's VHF/UHF IN jack.

4 Connect one end of the telephone line cord to the DSS receiver's TEL LINE jack. Connect the other end to your home's modular telephone outlet.

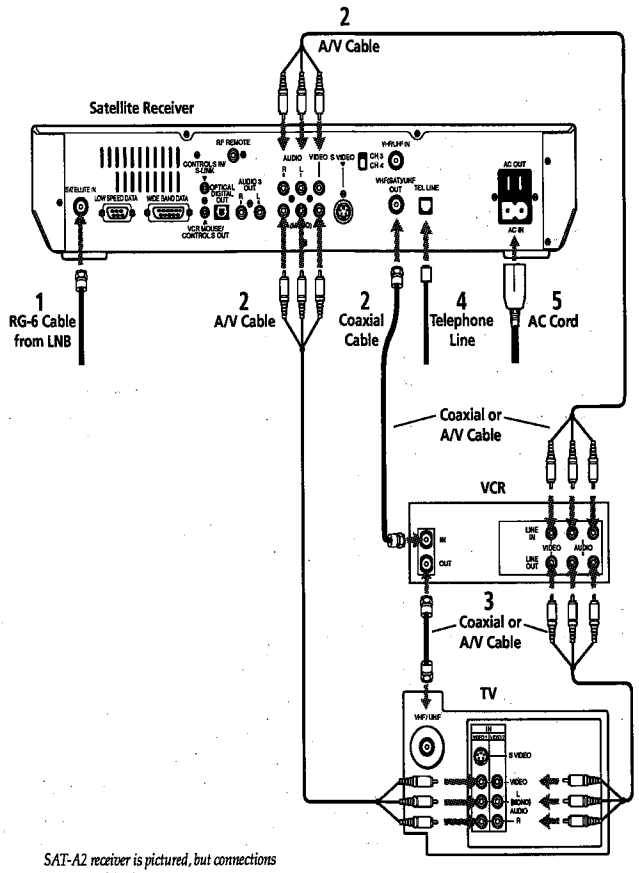
5 Connect one end of the AC power cord to the DSS receiver's AC IN jack. Connect the plug end to an AC outlet.

Optional Connections

- ❑ If you have a cable input, cable box, or a terrestrial TV antenna, connect it to the TV or VCR's VHF/UHF IN jack.
- ❑ *Best Connection*: If your TV has an S-VIDEO jack, use an S-VIDEO cable to connect the DSS receiver's S-VIDEO jack to the TV's S-VIDEO IN jack. This provides the best picture quality. Then use audio cables to connect one set of the DSS receiver's audio jacks to the TV's AUDIO IN jacks.
- ❑ To connect the DSS receiver to your audio system, use audio cables to connect the DSS receiver to your audio receiver's AUDIO IN jacks.
- ❑ If you are using the VCR Mouse, see page 20 for setup instructions.

Note

If the screen appears fuzzy, the program you are watching may be protected by Macrovision. Turn the VCR off to improve the picture quality.



SAT-A2 receiver is pictured, but connections are identical for SAT-B2.

Hi-Fi TV, Hi-Fi VCR, Audio Receiver (SAT-A2 Only)

Refer to the illustration on the opposite page.

1. Connect the RG-6 cable from the satellite antenna's LNB to the DSS receiver's SATELLITE IN jack.
2. Connect the DSS receiver's audio OUT jacks to the audio receiver's audio IN jacks.
3. Connect the DSS receiver's AV jacks to the A/V IN jacks on the TV.
4. Complete one of the following to connect the DSS receiver to the VCR:
   - ❑ *Better Connection*: Connect the DSS receiver's A/V jacks to the A/V IN jacks on the VCR.
   - ❑ *Good Connection*: Connect the DSS receiver's VHF(SAT)/UHF OUT jack to the VCR's VHF/UHF IN jack.

Some VCRs and TVs label this jack RF IN, instead of VHF/UHF IN.

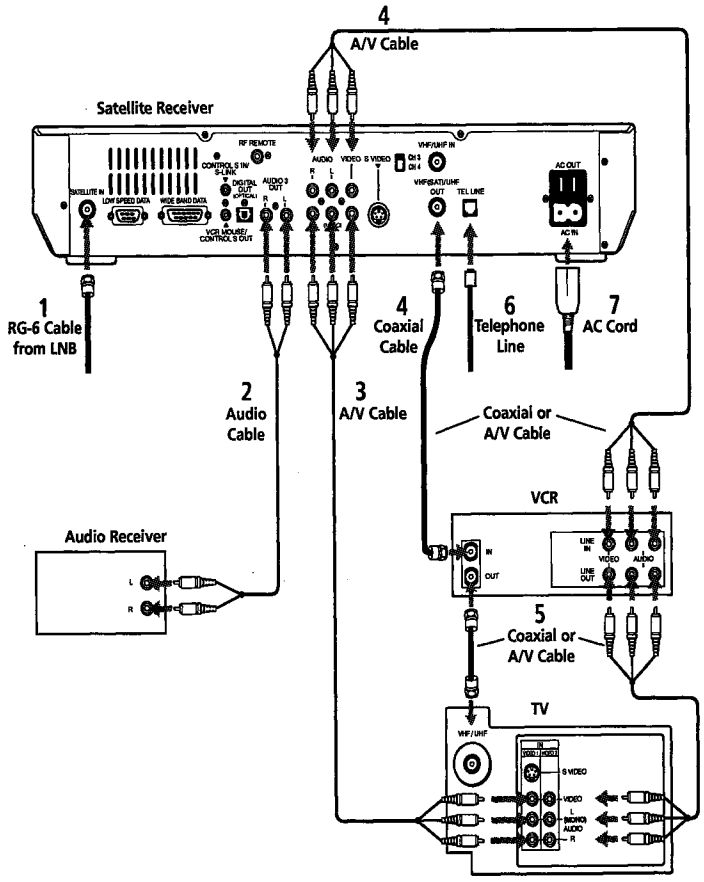
5. Complete one of the following to connect the VCR to the TV:
   - ❑ *Better Connection*: If both your TV and VCR have A/V jacks, connect the VCR's A/V OUT jacks to the TV's A/V IN jacks.
   - ❑ *Good Connection*: If your TV or VCR has only an RF jack, connect the VCR's VHF/UHF OUT jack to the TV's VHF/UHF IN jack.
6. Connect one end of the telephone line cord to the DSS receiver's TEL LINE jack. Connect the other end to your home's modular telephone outlet.
7. Connect one end of the AC power cord to the DSS receiver's AC IN jack. Connect the plug end to an AC outlet.

Optional Connections

- ❑ If you have a cable input, cable box, or a terrestrial TV antenna, connect it the VCR's VHF/UHF IN jack.
- ❑ *Best Connection*: If your TV has an S-VIDEO jack, use an S-VIDEO cable to connect the DSS receiver's S-VIDEO jack to the TV's S-VIDEO IN jack. This provides the best picture quality. Then use audio cables to connect one set of the DSS receiver's audio jacks to the audio receiver's AUDIO IN jacks.
- ❑ If you are using the VCR Mouse, see page 20 for setup instructions.

Note

If the screen appears fuzzy, the program you are watching may be protected by Macrovision. Turn the VCR off to improve the picture quality.



Home Entertainment System (Hi-Fi TV, Hi-Fi VCR, Audio/Video Receiver)

Refer to the illustration on the opposite page (*SAT-A2 receiver is pictured*).

1. Connect the RG-6 cable from the satellite antenna's LNB to the DSS receiver's SATELLITE IN jack.
2. Connect the DSS receiver's A/V jacks to the VCR and A/V receiver's A/V IN jacks.
3. Connect the VCR's A/V OUT jacks to one set of the A/V receiver's A/V IN jacks.
4. Connect the A/V receiver's MONITOR OUT jack to the TV's VIDEO IN jack.
5. Connect one end of the telephone line cord to the DSS receiver's TEL LINE jack. Connect the other end to your home's modular telephone outlet.
6. Connect one end of the AC power cord to the DSS receiver's AC IN jack. Connect the plug end to an AC outlet.

Optional Connections

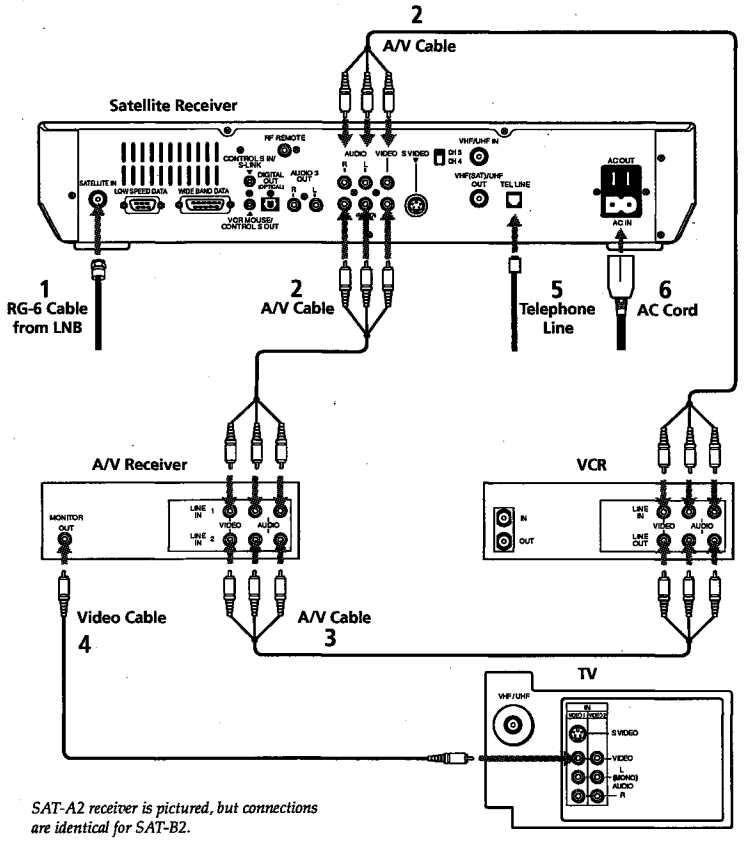
Some VCRs label this jack RF IN, instead of VHF/UHF IN.

- ❑ If you have a cable input, cable box, or a terrestrial TV antenna, connect it to the VCR's VHF/UHF IN jack.
- ❑ *Best Connection*: If your A/V receiver has an S-VIDEO jack, use an S-VIDEO cable to connect the DSS receiver's S-VIDEO jack to the A/V receiver's S-VIDEO IN jack. Then connect an S-VIDEO cable from the A/V receiver to the TV's S-VIDEO IN jack. This provides the best picture quality. Then use audio cables to connect one set of the DSS receiver's audio jacks to the A/V receiver's AUDIO IN jacks.
- ❑ If you are using the VCR Mouse, see page 20 for setup instructions.

Note

If the screen appears fuzzy, the program you are watching may be protected by Macrovision. Turn the VCR off to improve the picture quality.

In this configuration, the A/V receiver must be turned on in order to pass the video signals through to your TV.



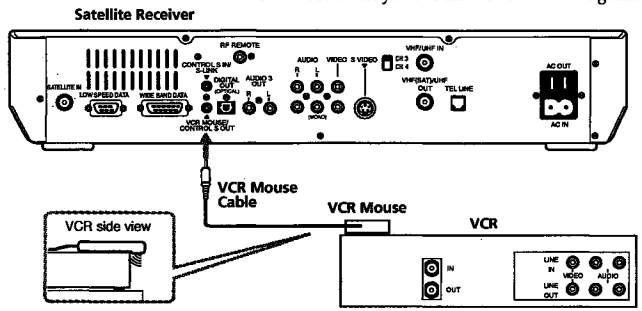
SAT-A2 receiver is pictured, but connections are identical for SAT-B2.

Connecting the VCR Mouse

SAT-A2 receiver is pictured, but connections are identical for SAT-B2.

The VCR Mouse works with the DSS receiver's Timer function to automatically start and stop the recording function of your VCR.

1 Connect the VCR Mouse to the DSS receiver's VCR MOUSE/ CONTROL S OUT jack. Then place the VCR Mouse on top of and slightly overhanging the front of the VCR. For best results, place the VCR Mouse directly above the VCR's IR receiving area.



2 Find the three-digit code number for your VCR in the table below. If more than one code number is listed, use the number listed first to complete step 3.

Manufacturer	Code	Manufacturer	Code	Manufacturer	Code
Sony*	301, 302, 303	Hitachi	304, 305	Samsung	313, 321, 322
Bell & Howell	343	JVC	314	Scott	312
Daewoo	341	Magnavox	308, 309, 310	Sharp	327, 328
Emerson	316, 317, 318, 319, 320	Mitsubishi	323, 324, 325, 326	Shintom	315
Fisher	330, 333, 334, 335	NEC	336, 337	Symphonic	338
General Electric	304, 329	Panasonic	306, 307	Teknica	338, 342
Go-Video	339, 340	Philips	310	Toshiba	311
Goldstar	332	RCA	305	Zenith	331

*Code 301 is the default code for Sony VHS VCRs; for Sony 8mm VCRs, use code 302; for Sony Beta, ED VCRs, use code 303.

If the VCR Mouse doesn't seem to be working correctly, first check that the VCR Mouse is positioned directly above the VCR's IR receiving area. If it's still not working, try this procedure again using the other codes listed for your VCR. For more troubleshooting information, see page 90.

3 Using the buttons on the VCR Mouse: **1)** Press the SET button, **2)** Enter the three-digit code number, **3)** Press the ENTER button.

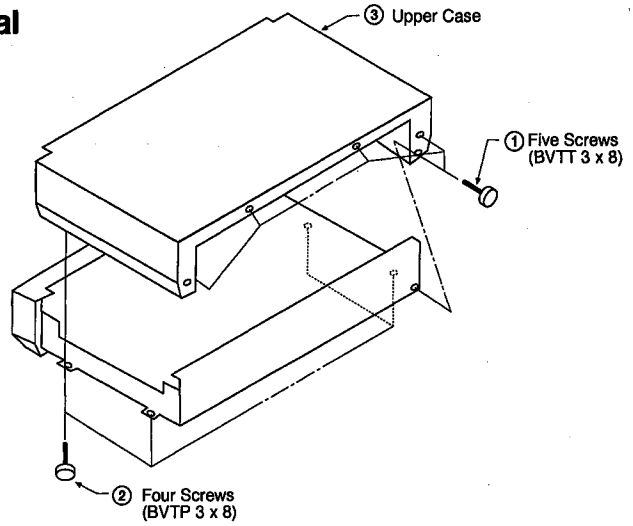
4 To check that the code is correct, press the 1 button on the VCR Mouse. If the VCR turns on and off each time you press 1, the code number is correct.

To use the VCR Mouse:

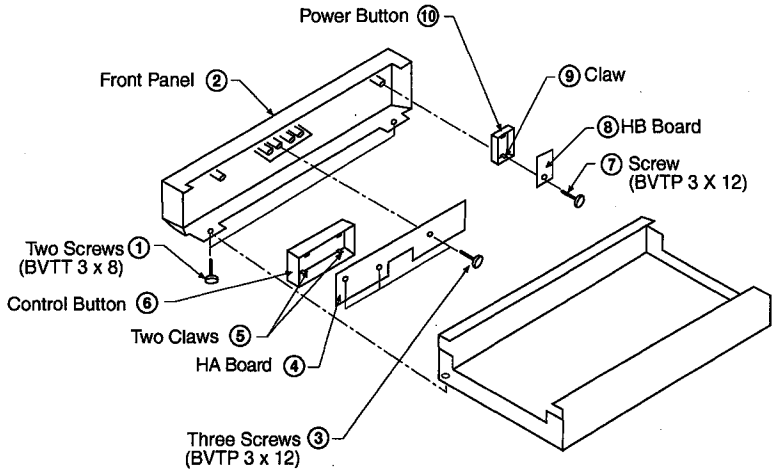
1) Set the DSS Timer (page 38), **2)** Turn on the VCR and set the VCR's line input to the DSS receiver, **3)** Insert a tape, **4)** Turn off the VCR.

SECTION 2
DISASSEMBLY

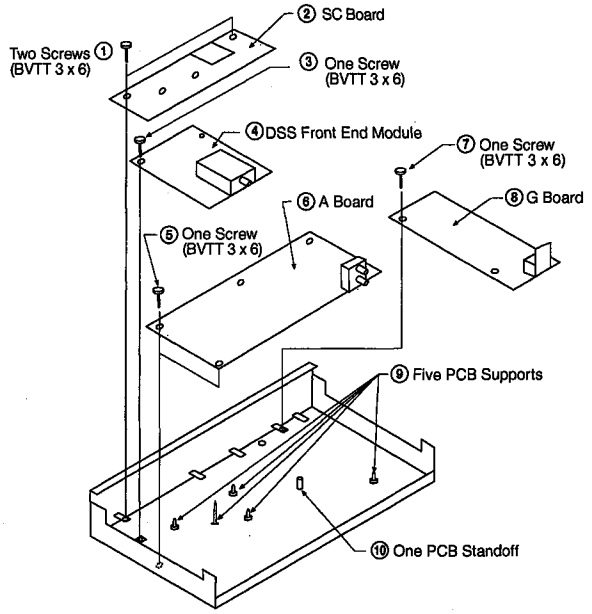
2-1. Upper Case Removal



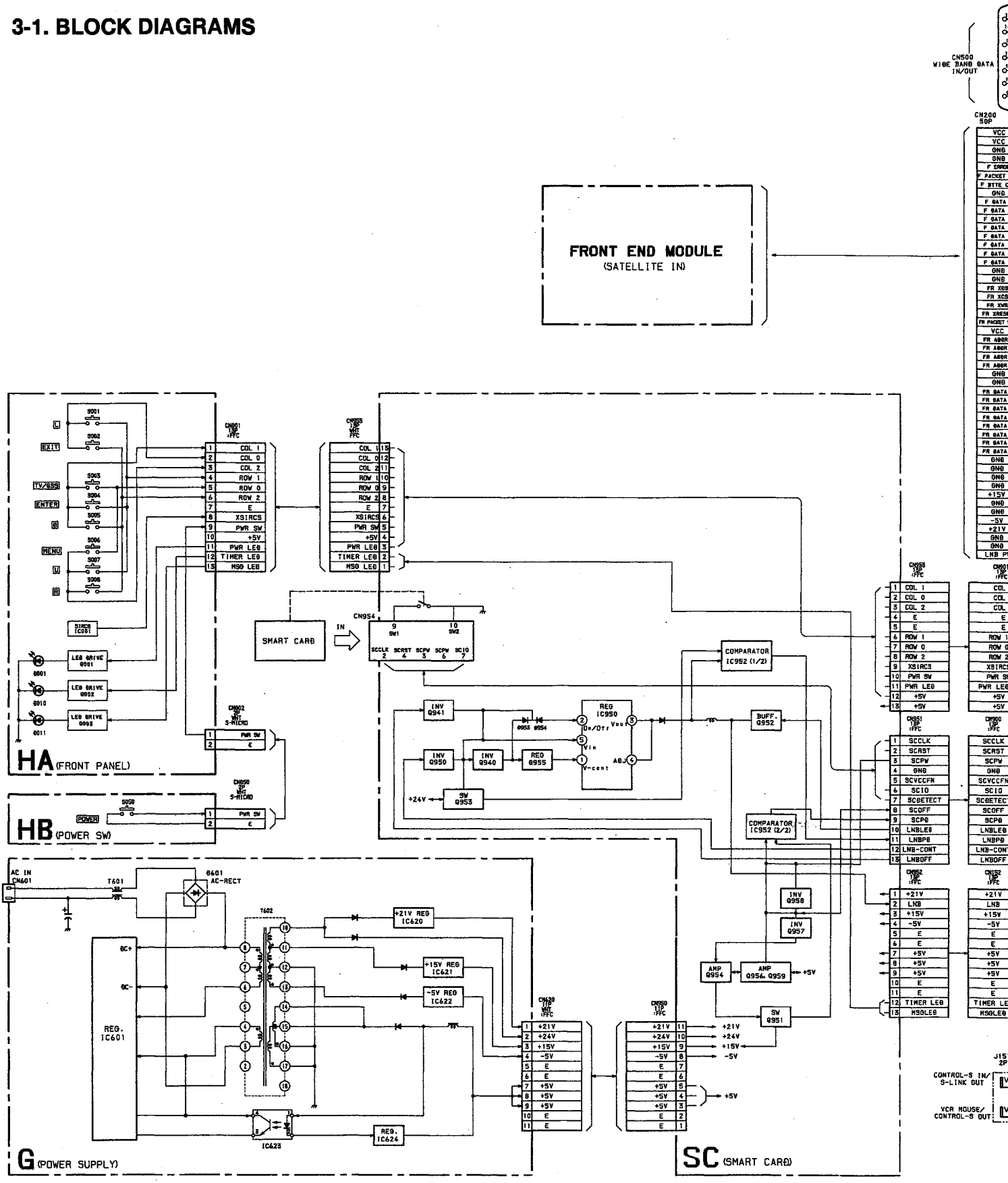
2-2. HA and HB Board Removal

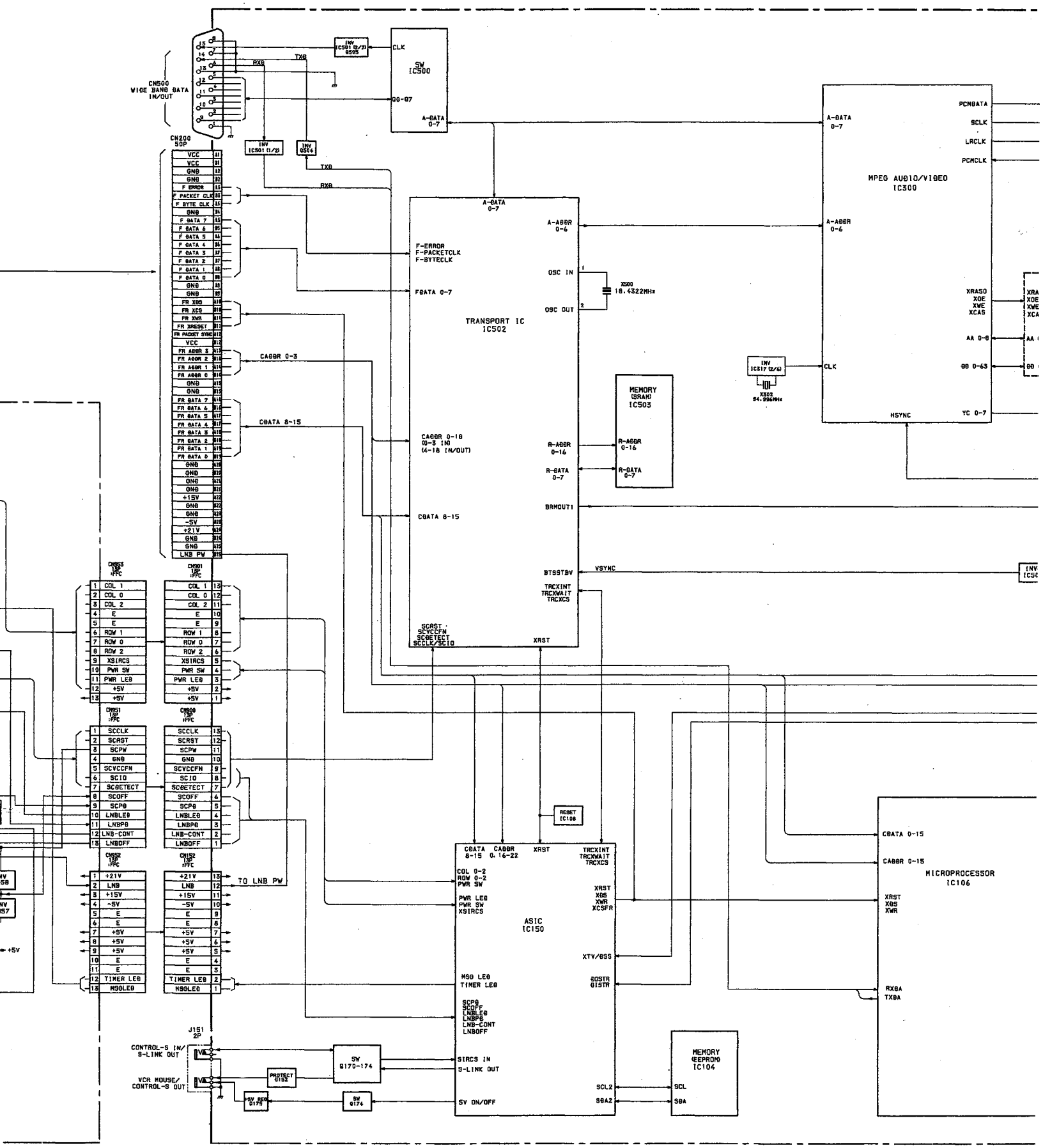


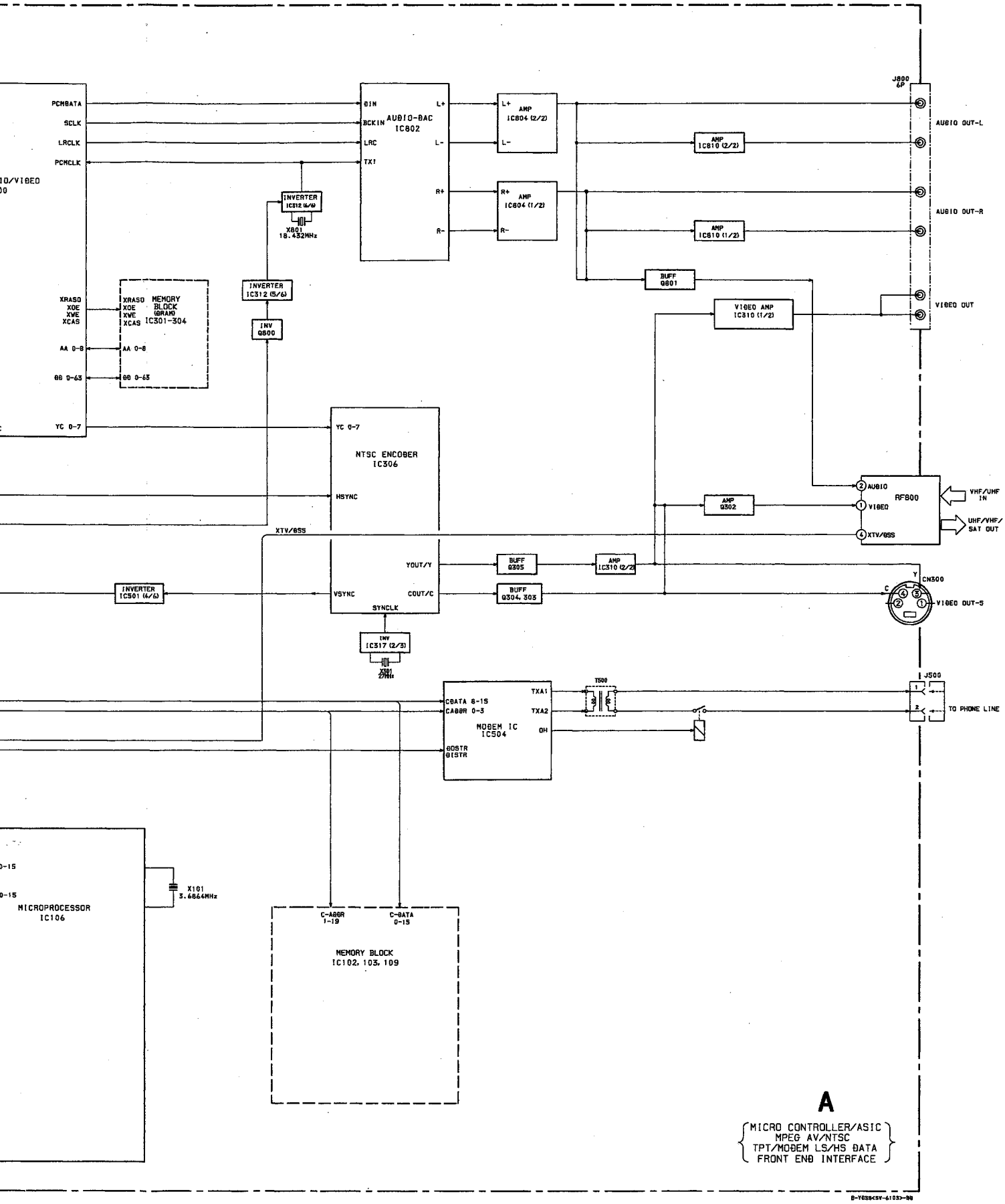
2-3. A, G, SC Board and DSS Front End Module Removal



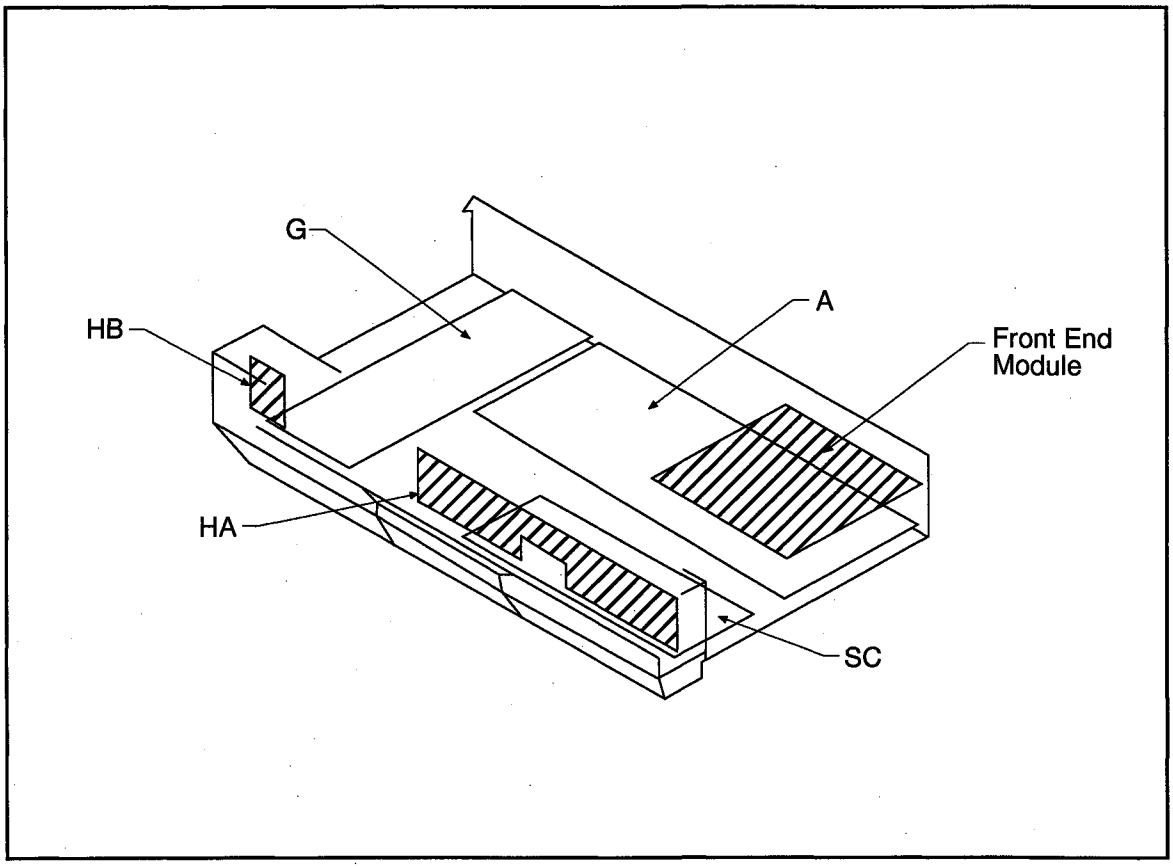
3-1. BLOCK DIAGRAMS




CN500
WIDE BAND DATA
IN/OUT
CN200
50P
SW
IC500
CLK
D0-D7
A-DATA
0-7
TXD
RXD
INV
IC501 (1/2)
INV
Q506
MPEG AUDIO/VIDEO
IC300
PCMDATA
SCLK
LRCLK
PCMCLK
A-ADDR
0-6
XRAS0
XOE
XWE
XCAS
AA 0-8
DD 0-63
YC 0-7
HSYNC
TRANSPORT IC
IC502
F-ERROR
F-PACKETCLK
F-BYTECLK
FDATA 0-7
OSC IN
OSC OUT
X500
18.4322MHz
CADDR 0-3
CDATA 8-15
CADDR 0-18
(0-3 IN)
(4-18 IN/OUT)
R-ADDR
0-16
R-DATA
0-7
MEMORY
(SRAM)
IC503
BRMOUT1
BTSSTBY
VSYNC
TRCXINT
TRCXWAIT
TRCXCS
SCRST
SCVCCFN
SCDETECT
SCCLK/SCIO
XRST
INV
IC317 (2/6)
X502
54.996MHz
CN555
CN501
CN551
CN2000
CN552
COL 1
COL 0
COL 2
E
ROW 1
ROW 0
ROW 2
XSIRCS
PWR SW
PWR LED
+5V
SCCLK
SCRST
SCPW
GND
SCVCCFN
SCIO
SCDETECT
SCOFF
SCP0
LNBLED
LNBP0
LNB-CONT
LNBOFF
+21V
LNB
+15V
-5V
TIMER LED
MSGLED
TO LNB PW
RESET
IC108
ASIC
IC150
COL 0-2
ROW 0-2
PWR SW
PWR LED
XSIRCS
XTV/GSS
MSG LED
TIMER LED
SCP0
SCOFF
LNBLED
LNBP0
LNB-CONT
LNBOFF
SIRCS IN
S-LINK OUT
SV ON/OFF
SCL2
SDA2
MICROPROCESSOR
IC106
RXDA
TXDA
MEMORY
(EEPROM)
IC104
SCL
SDA
J151
2P
CONTROL-S IN/
S-LINK OUT
VCR MOUSE/
CONTROL-S OUT
SW
Q170-174
PROTECT
Q152
+5V REG
Q175
5V
Q174


PCMDATA
SCLK
LRCLK
PCMCLK
AUDIO-DAC
IC802
SDIN
BCKIN
LRC
TX1
L+
L-
R+
R-
AMP
IC804 (2/2)
AMP
IC804 (1/2)
AMP
IC810 (2/2)
AMP
IC810 (1/2)
J800
6P
AUDIO OUT-L
AUDIO OUT-R
VIDEO OUT
BUFF
Q801
VIDEO AMP
IC310 (1/2)
INVERTER
IC312 (4/6)
X801
18.432MHz
INVERTER
IC312 (5/6)
INV
Q800
XRASO
XOE
XWE
XCAS
MEMORY
BLOCK
(DRAM)
IC301-304
AA 0-8
DD 0-63
YC 0-7
NTSC ENCODER
IC306
HSYNC
VSYNC
YOUT/Y
COUT/C
SYNCLK
XTV/BSS
BUFF
Q305
BUFF
Q304, 305
AMP
IC310 (2/2)
AMP
Q302
RF800
AUDIO
VIDEO
XTV/BSS
VHF/UHF
IN
UHF/VHF/
SAT OUT
INVERTER
IC501 (4/6)
INV
IC317 (2/3)
X301
27MHz
CN300
Y
C
VIDEO OUT-S
J500
TO PHONE LINE
T500
CDATA 8-15
CADDR 0-3
MODEM IC
IC504
TXA1
TXA2
OH
DDSTR
DISTR
X101
3.6864MHz
MICROPROCESSOR
IC106
C-ADDR
1-19
C-DATA
0-15
MEMORY BLOCK
IC102, 103, 109
A
MICRO CONTROLLER/ASIC
MPEG AV/NTSC
TPT/MODEM LS/HS DATA
FRONT END INTERFACE

3-2. Circuit Boards Location



3-3. Schematic Diagrams and Printed Wiring Boards

NOTE:

- All capacitors are in μF unless otherwise noted. PF: μμF 50 WV or less are not indicated except for electrolytic.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

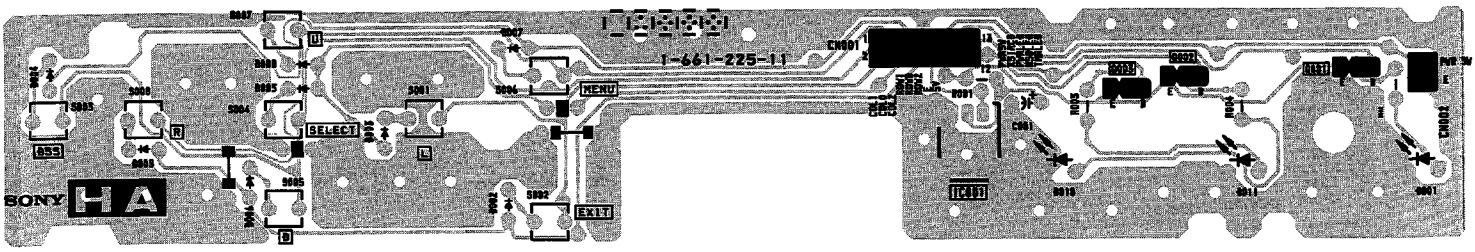
Pitch: 5 mm Rating electrical power 1/4 W (CHIP: 1/10W)

- All resistors are in ohms.
- : nonflammable resistor.
- : fusible resistor.
- Δ: internal component.
- : panel designation, and adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- ⊥: earth-ground.
- : earth-chassis.
- All voltages are in V.
- Readings are taken with a 10 MΩ digital multimeter.
- Readings are taken with a color-bar signal input.
- Voltage variations may be noted due to normal production tolerances.
- * : Cannot be measured.
- : B+bus.
- : B-bus.

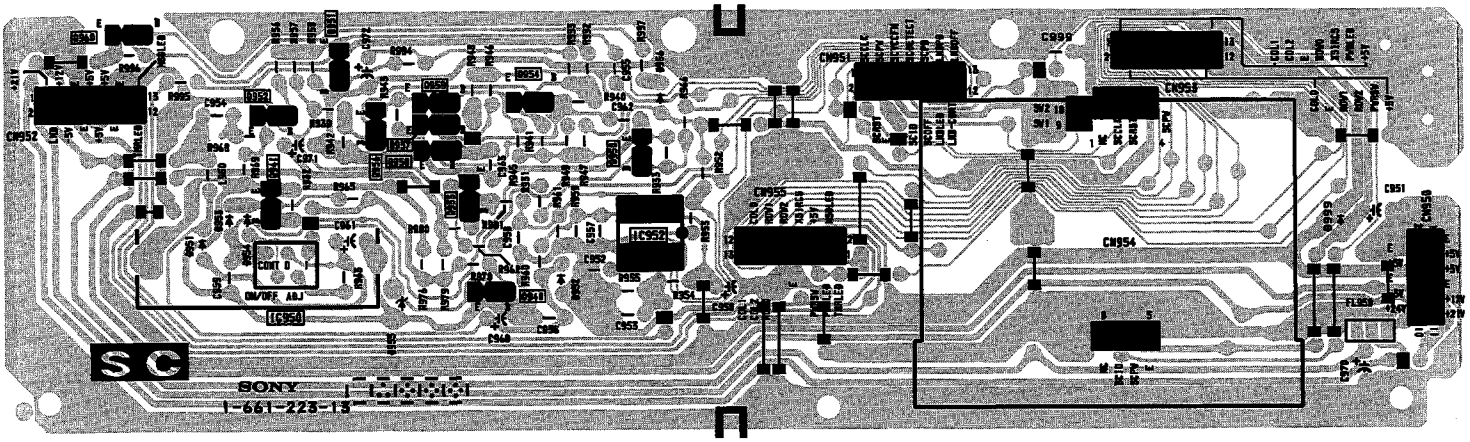
NOTE:

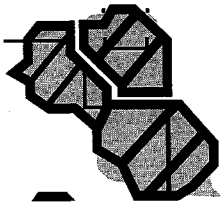
The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

HA [FRONT PANEL]



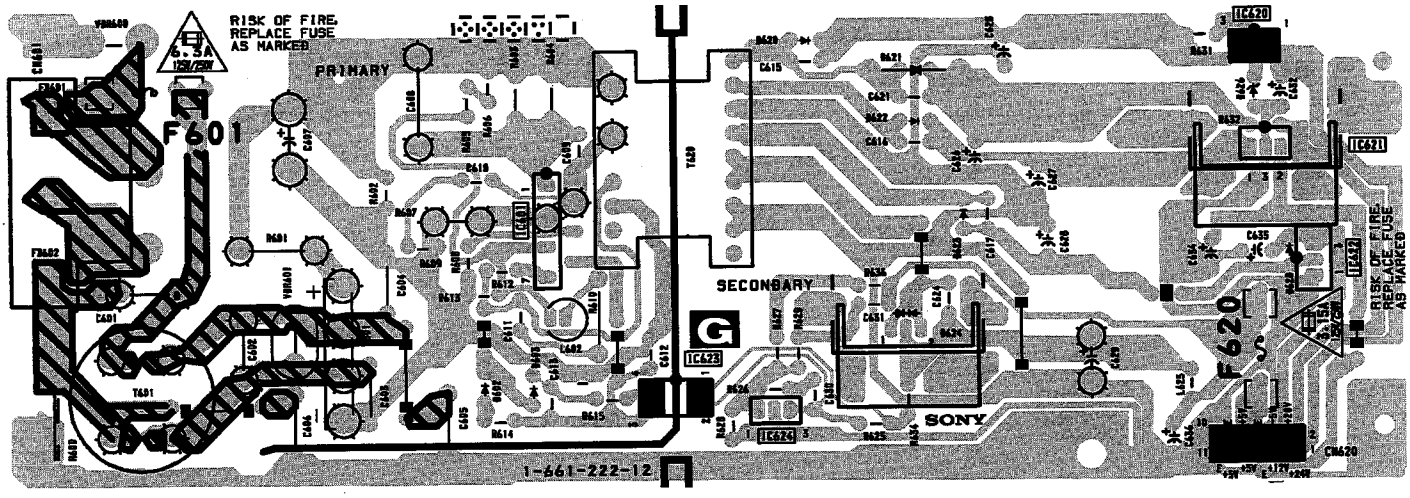
SC [SMART CARD]



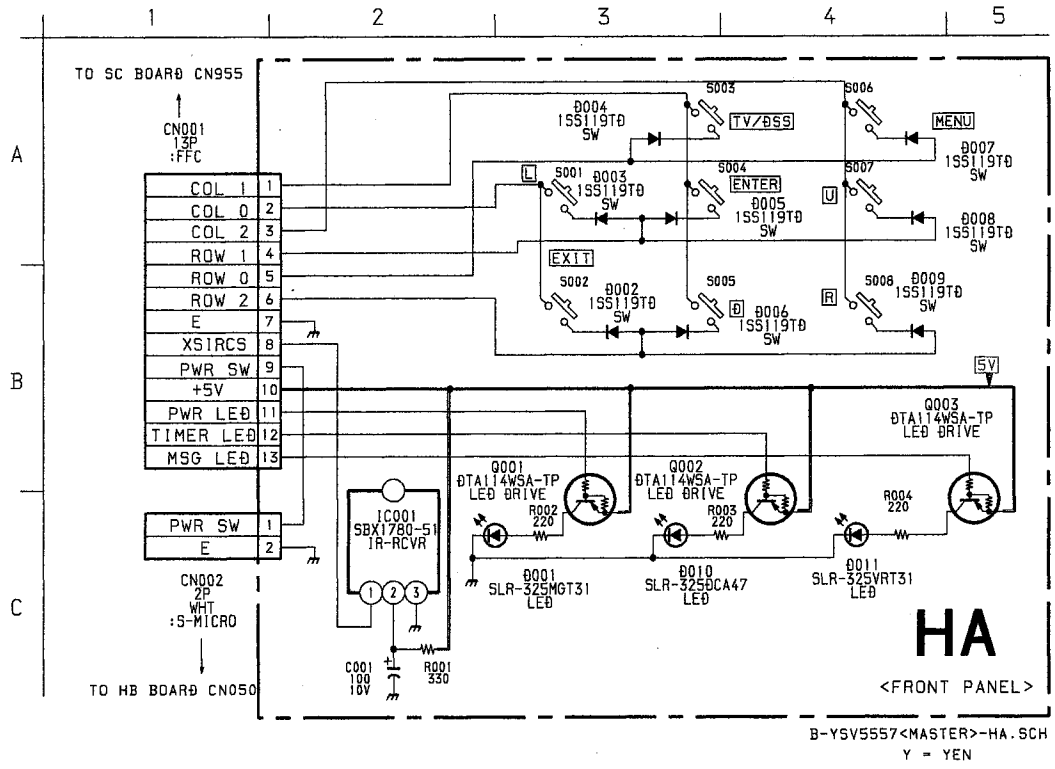


NOTE:
Portions of the circuit marked as shown are high voltage areas. Use care to prevent electric shocks during inspection or repair.

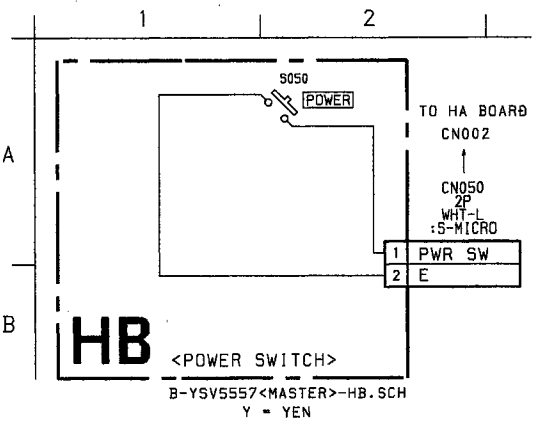
G [POWER SUPPLY]



— HA BOARD —

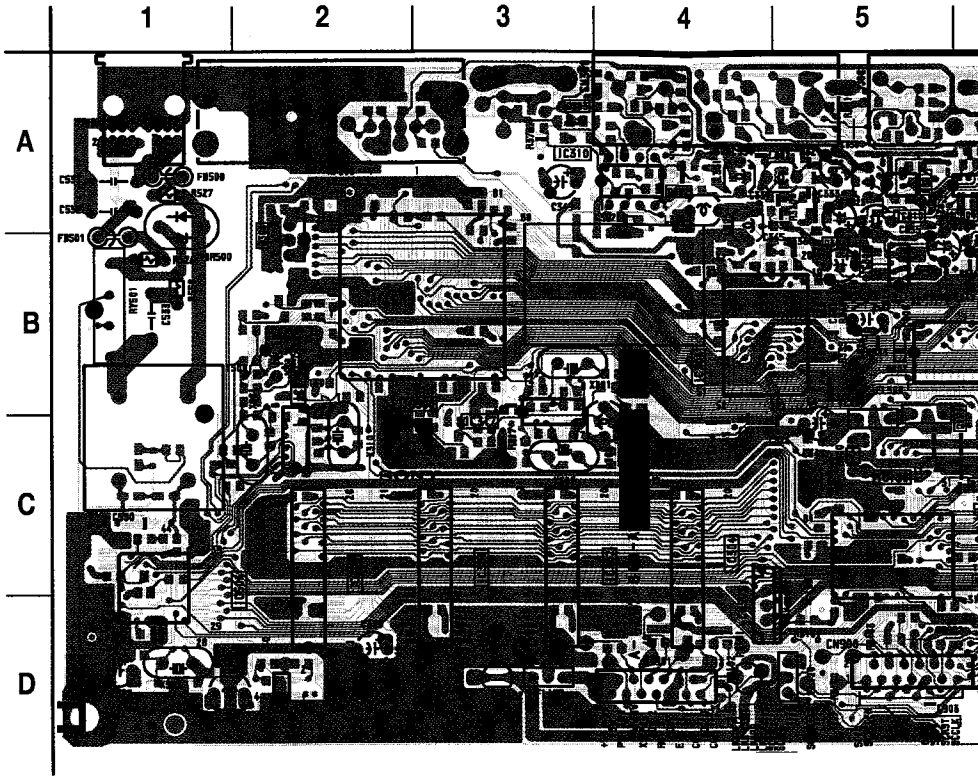


— HB BOARD —

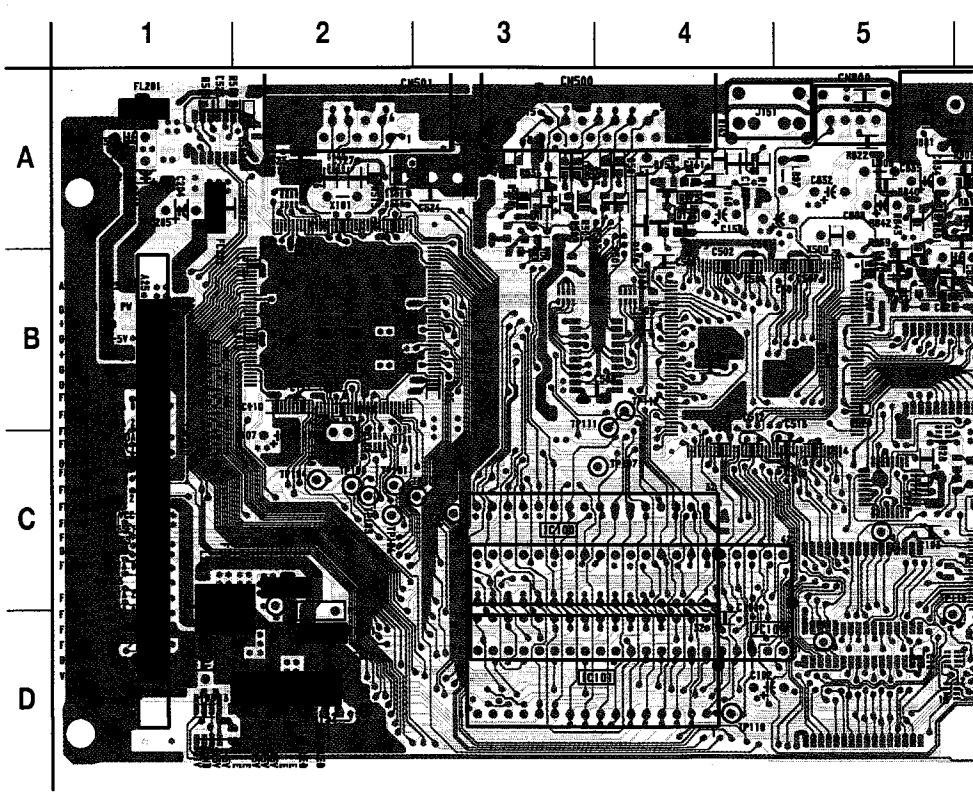


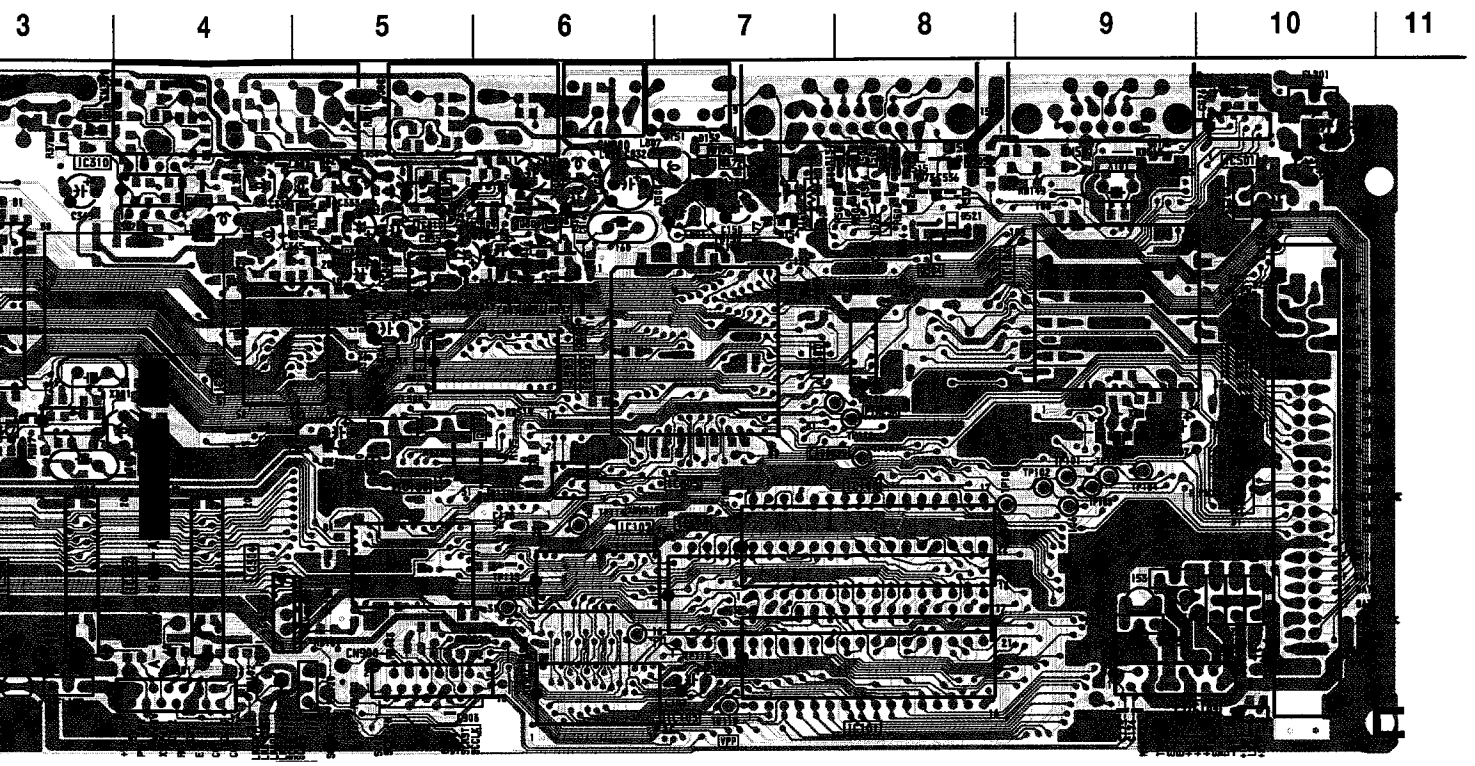
— A BOARD (Component Side) —

A MICROPROCESSOR/ASIC,
MPEG AV / NTSC,
TPT / MODEM LS / HS DATA,
FRONT END INTERFACE



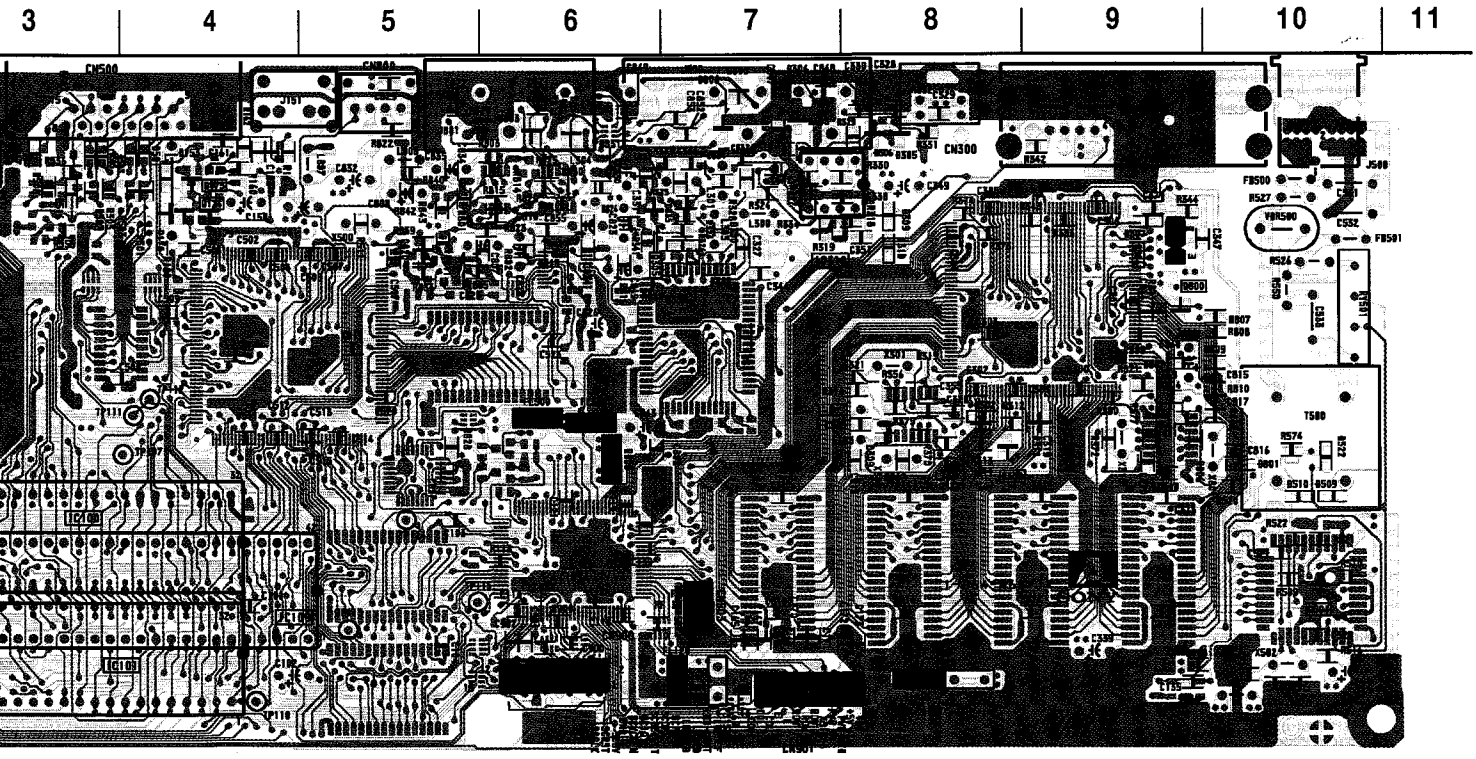
— A BOARD (Conductor Side) —





:Top side pattern

:Rear side pattern



• A BOARD Component location

IC

	Component Side	Conductor Side
IC100	C-8	C-3
IC101	D-8	D-4
IC102	C-6	
IC103	D-7	
IC104	D-10	
IC106	B-9	
IC108	D-2	
IC109	C-7	D-4
IC150	C-5	
IC300	B-3	
IC301	C-3	
IC302	C-4	
IC303	C-2	
IC304	C-4	
IC306	B-4	
IC310	A-4	B-7
IC312	B-2	
IC317	C-3	
IC500	B-7	
IC501	A-10	
IC502	B-6	
IC503	B-6	
IC504	C-1	
IC802	B-5	
IC804	A-6	
IC805	C-6	
IC810	A-5	

TRANSISTOR

	Component Side	Conductor Side
Q170	C-6	
Q171	C-6	
Q172	A-7	
Q173	A-7	
Q174		A-4
Q175		A-4
Q300		C-8
Q302	A-4	
Q303	A-3	
Q304	B-5	
Q305		B-6
Q306	B-2	B-9
Q504	A-8	
Q505	A-8	
Q800		B-9
Q801	A-5	
Q802	B-6	
Q803	B-6	
Q804	A-6	
Q805	A-6	
Q806	B-6	

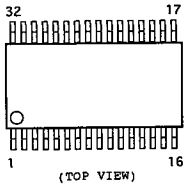
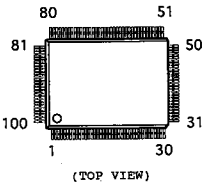
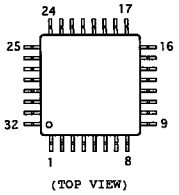
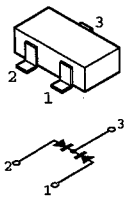
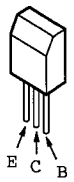
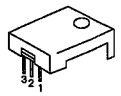
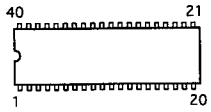
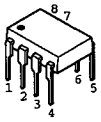
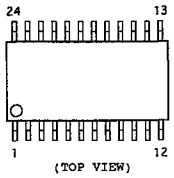
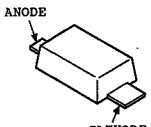
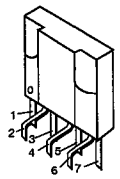
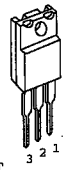
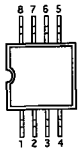
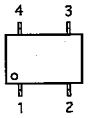
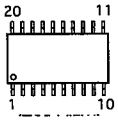
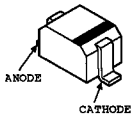
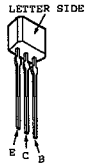
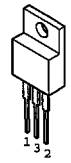
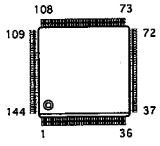
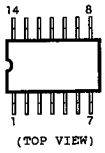
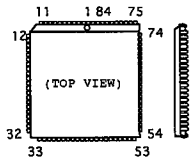
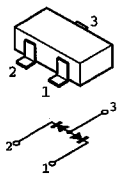
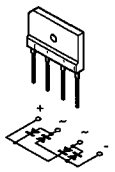
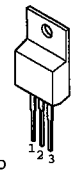
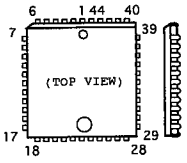
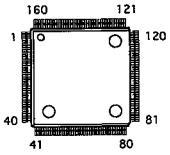
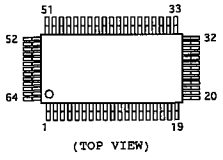
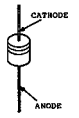
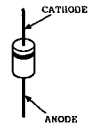
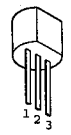
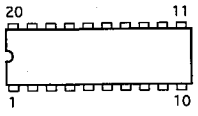
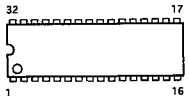
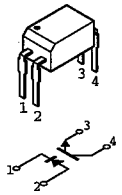
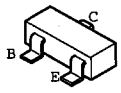
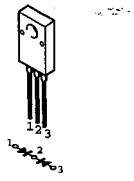
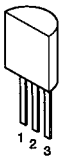
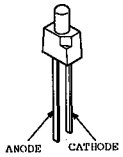
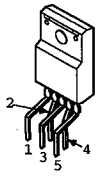
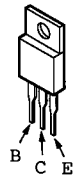
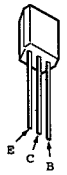
DIODE

	Component Side	Conductor Side
D150	A-7	
D152	A-7	
D153		A-4
D154	A-7	
D155	A-7	
D301		B-7
D302		B-8
D303		A-7
D304		A-7
D305		A-8
D306		A-8
D307		A-9
D308		B-7
D309		A-8
D310		B-8
D311		B-7
D500	A-7	A-3
D501		A-4
D502	A-8	
D503		A-4
D504	A-8	
D505		A-3
D506	A-8	
D507		A-3
D509		C-10
D510		C-10
D516		A-3
D517		A-3
D520	A-8	
D521	A-8	
D522		C-10
D801		C-10
D802		B-9
D803		A-6
D804		A-6
D805		A-7
D806		A-7
D807	B-5	

CRYSTAL

	Component Side	Conductor Side
X100	C-9	
X101	D-9	
X301	B-3	
X302	C-3	
X310	C-2	
X500	A-7	
X502	D-1	
X801	C-2	

3-4. Semiconductors

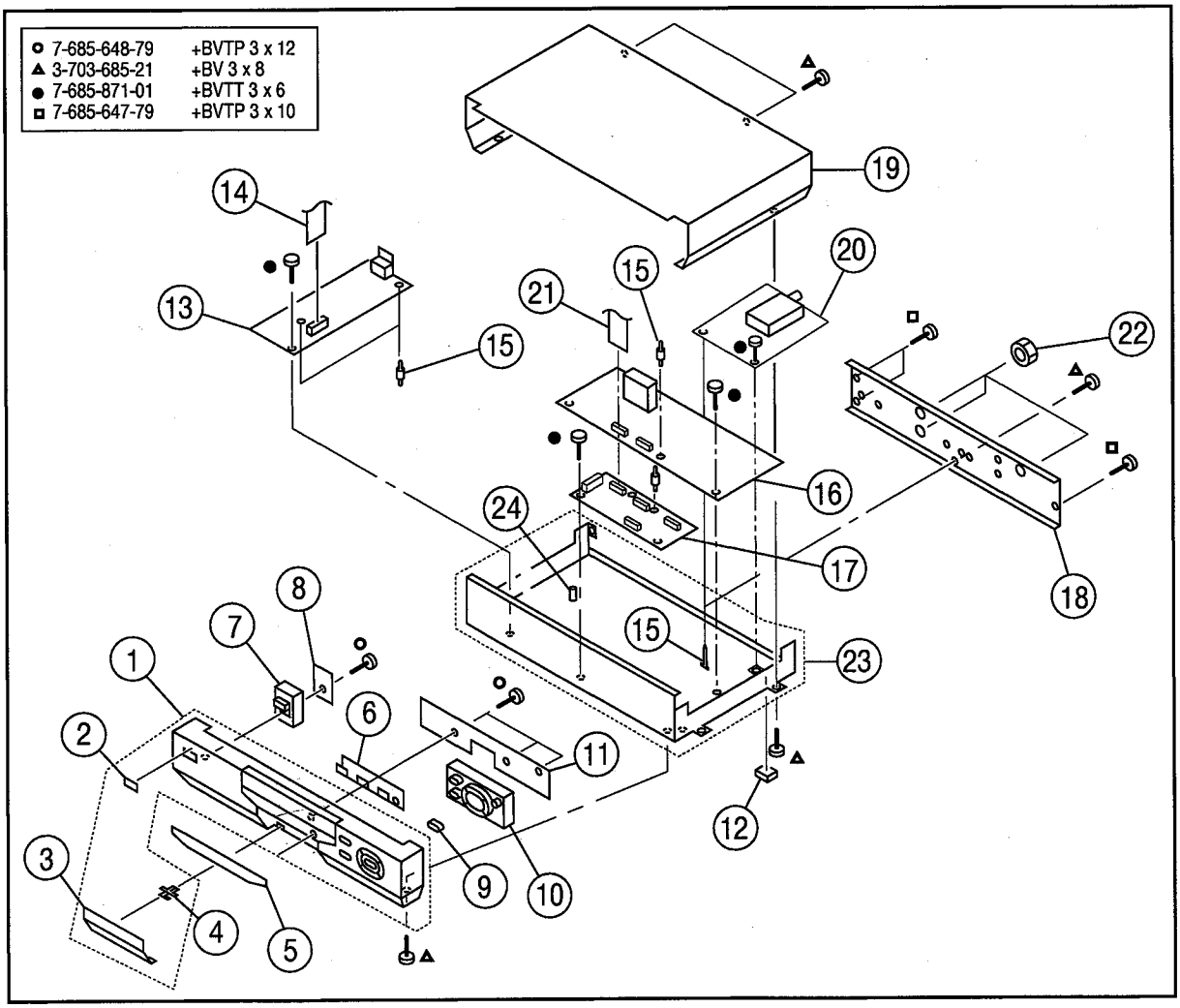
CXK581000AM-70LL 	**ATLS60-CD-01** 	**CXD2917Q** 	**DAN202K** 	**2SD774-34** 	**SBX1780-51** 
HM514260AJ-8Z 	**MC14577CP** **UPC358C** 	**AK4310-VM-E2** 	**DTZ3-9B** 	**MA4520** 	**RC78M15FA**  PIN 1.OUT 2.GND 3.IN
M5218AFP **LM358PS** 	**PST575DMT-T1** 	**SN74HCT374NS-E20** 	**HVU359TRF** 	**2SC2785-HFE** **2SA1175-HFE** 	**TA7812S**  PIN 1.IN 3.GND 2.OUT
MC68340PV16CB1 	**SN74HC04ANS** **SN74HC04ANS-E20** **TC74AC04F-EL** 	**CDD425** 	**DAP202K** 	**D3SB60** 	**MC7905CT**  PIN 1.GND 2.IN 3.OUT
SSI73K222U-IH 	**STMKASA** **STI3520** 	**CXD1910Q** 	**1SS119-25** **RD6.2ESB2** **RD6.8SB2-T1** **RD3.9ESB1** 	**S2LA20F** **S2L20UF** **1SS133T-77** 	**NJM78L05A**  PIN 1.OUT 2.GND 3.IN
PCA911ACGMP1S 	**M27C4001-12B1-4941-1** 	**PC817-B** 	**2SA1162-Q** **2SD601A-Q** 	**D10SC4M** 	**TL431CLP-Z** 
SLR-325MGT31 **SLR-325DCA47** **SLR-325VRT31** 	**SI-3120C** 	**2SD2394-EF** 	**DTA114WSA-TP** 	**UDZ-TE-17-6.8B** 	**AT24C64N-10SC**

SECTION 4
EXPLODED VIEWS

NOTE:

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The component parts of an assembly are indicated by the reference numbers in the remarks column.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.



REF.NO.		PART NO.	DESCRIPTION	REMARK
1		X-4033-710-1	PANEL ASSY, FRONT	2, 3, 4
2	*	4-925-334-11	EMBLEM (5-A), SONY	
3		4-048-292-31	DOOR	
4		3-703-035-11	SHAFT, LID	
5		4-054-012-01	PANEL, INDICATOR	
6	*	4-049-040-01	GUIDE (LED), LIGHT	
7		4-048-291-01	BUTTON, POWER	
8	*	A-1372-240-A	HB BOARD	
9		4-048-290-01	BUTTON, SELECT	
10		4-048-294-01	BUTTON, CONTROL	
11	*	A-1372-239-A	HA BOARD	
12		4-048-281-01	FOOT	
13	*	A-1316-308-A	G BOARD, COMPLETE	
14	*	1-900-800-61	CONNECTOR ASSY, 11P FFC	
15	*	3-703-353-13	SUPPORTER, PCB	
16	*	A-1293-560-A	A BOARD	
17	*	A-1390-610-A	SC BOARD	
18		4-054-013-21	PANEL, REAR	
19	*	4-048-306-01	CASE, UPPER	
20		1-693-320-11	FRONT END MODULE, DSS	
21	*	1-900-800-59	CONNECTOR ASSY, 13P FFC	
22		3-682-691-00	NUT, WASHER HEXAGON	
23		X-4033-570-1	CASE (LOWER) ASSY	
24		4-050-233-01	STANDOFF, PCB	

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SECTION 5
ELECTRICAL PARTS LIST

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board name.

RESISTORS:
- All resistors are in ohms.
- F: nonflammable.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

Capacitors	Coils
MF = µF	UH = µH
PF = pF	

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* A-1293-560-A A BOARD

CAPACITOR

REF.NO.	PART NO.	DESCRIPTION		REMARK
C100	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C101	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C102	1-126-916-11	ELECT	1000MF 20%	6.3V
C103	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C104	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C107	1-126-933-11	ELECT	100MF 20%	10V
C108	1-163-235-11	CERAMIC CHIP	22pF 5%	50V
C109	1-163-235-11	CERAMIC CHIP	22pF 5%	50V
C110	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C111	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C112	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C113	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C114	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C115	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C116	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C117	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C118	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C119	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C120	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C121	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C122	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C124	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C125	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C126	1-163-241-11	CERAMIC CHIP	39pF 5%	50V
C127	1-163-241-11	CERAMIC CHIP	39pF 5%	50V
C128	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C129	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C130	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C135	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C150	1-126-964-11	ELECT	10MF 20%	50V
C161	1-163-251-11	CERAMIC CHIP	100pF 5%	50V
C162	1-163-251-11	CERAMIC CHIP	100pF 5%	50V
C163	1-163-251-11	CERAMIC CHIP	100pF 5%	50V
C164	1-163-251-11	CERAMIC CHIP	100pF 5%	50V
C165	1-163-251-11	CERAMIC CHIP	100pF 5%	50V
C166	1-163-251-11	CERAMIC CHIP	100pF 5%	50V
C167	1-163-251-11	CERAMIC CHIP	100pF 5%	50V
C168	1-163-251-11	CERAMIC CHIP	100pF 5%	50V
C169	1-163-251-11	CERAMIC CHIP	100pF 5%	50V
C170	1-163-251-11	CERAMIC CHIP	100pF 5%	50V
C171	1-163-251-11	CERAMIC CHIP	100pF 5%	50V
C172	1-163-251-11	CERAMIC CHIP	100pF 5%	50V
C173	1-163-251-11	CERAMIC CHIP	100pF 5%	50V
C174	1-163-251-11	CERAMIC CHIP	100pF 5%	50V
C175	1-163-251-11	CERAMIC CHIP	100pF 5%	50V
C200	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C201	1-126-933-11	ELECT	100MF 20%	10V
C202	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C203	1-126-964-11	ELECT	10MF 20%	50V
C204	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C205	1-126-964-11	ELECT	10MF 20%	50V
C206	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C207	1-126-964-11	ELECT	10MF 20%	50V
C208	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C300	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C301	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C302	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C303	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C304	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C305	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C306	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C307	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C308	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C309	1-163-237-11	CERAMIC CHIP	27pF 5%	50V
C310	1-164-232-11	CERAMIC CHIP	0.01MF 10%	50V
C311	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C312	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C313	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C314	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C315	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C316	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C317	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C318	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C319	1-163-251-11	CERAMIC CHIP	100pF 5%	50V
C320	1-163-251-11	CERAMIC CHIP	100pF 5%	50V
C321	1-163-251-11	CERAMIC CHIP	100pF 5%	50V
C322	1-164-232-11	CERAMIC CHIP	0.01MF 10%	50V
C323	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C324	1-163-243-11	CERAMIC CHIP	47pF 5%	50V
C325	1-163-243-11	CERAMIC CHIP	47pF 5%	50V
C326	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C327	1-164-005-11	CERAMIC CHIP	0.47MF	25V
C328	1-163-243-11	CERAMIC CHIP	47pF 5%	50V
C329	1-163-243-11	CERAMIC CHIP	47pF 5%	50V
C330	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C331	1-163-253-11	CERAMIC CHIP	120pF 5%	50V
C332	1-163-253-11	CERAMIC CHIP	120pF 5%	50V
C333	1-163-038-91	CERAMIC CHIP	0.1MF	25V
C334	1-163-227-11	CERAMIC CHIP	10pF 0.5pF	50V
C335	1-163-243-11	CERAMIC CHIP	47pF 5%	50V
C336	1-163-227-11	CERAMIC CHIP	10pF 0.5pF	50V
C337	1-163-243-11	CERAMIC CHIP	47pF 5%	50V
C338	1-163-227-11	CERAMIC CHIP	10pF 0.5pF	50V
C339	1-126-933-11	ELECT	100MF 20%	10V
C340	1-126-933-11	ELECT	100MF 20%	10V
C341	1-163-038-91	CERAMIC CHIP	0.1MF	25V

REF.NO.	PART NO.	DESCRIPTION			REMARK
C343	1-126-933-11	ELECT	100MF	20%	10V
C344	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C345	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C346	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C347	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C348	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C349	1-126-933-11	ELECT	100MF	20%	10V
C350	1-126-933-11	ELECT	100MF	20%	10V
C351	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C352	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C353	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C354	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C355	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C365	1-164-004-11	CERAMIC CHIP	0.1MF	10%	16V
C368	1-163-235-11	CERAMIC CHIP	22pF	5%	50V
C369	1-163-235-11	CERAMIC CHIP	22pF	5%	50V
C370	1-163-235-11	CERAMIC CHIP	22pF	5%	50V
C371	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C500	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C501	1-126-933-11	ELECT	100MF	20%	10V
C502	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C504	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C505	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C507	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C508	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C509	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C510	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C511	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C512	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C513	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C514	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C515	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C516	1-163-235-11	CERAMIC CHIP	22pF	5%	50V
C517	1-163-235-11	CERAMIC CHIP	22pF	5%	50V
C518	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C519	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C520	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C521	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C522	1-104-664-11	ELECT	47MF	20%	25V
C523	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C526	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C527	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C528	1-163-241-11	CERAMIC CHIP	39pF	5%	50V
C529	1-163-241-11	CERAMIC CHIP	39pF	5%	50V
C530	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V
C531	1-161-740-00	CERAMIC	470pF	10%	400V
C532	1-161-740-00	CERAMIC	470pF	10%	400V
C533	1-162-114-00	CERAMIC	0.0047MF		2KV
C535	1-163-251-11	CERAMIC CHIP	100pF	5%	50V
C536	1-163-125-00	CERAMIC CHIP	220pF	5%	50V
C800	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C802	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C807	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C809	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C814	1-163-251-11	CERAMIC CHIP	100pF	5%	50V
C815	1-164-004-11	CERAMIC CHIP	0.1MF	10%	16V
C816	1-163-251-11	CERAMIC CHIP	100pF	5%	50V
C817	1-163-251-11	CERAMIC CHIP	100pF	5%	50V
C818	1-126-964-11	ELECT	10MF	20%	50V
C819	1-126-964-11	ELECT	10MF	20%	50V
C820	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C823	1-126-916-11	ELECT	1000MF	20%	6.3V
C824	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C825	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C826	1-126-964-11	ELECT	10MF	20%	50V
C828	1-126-964-11	ELECT	10MF	20%	50V
C832	1-126-916-11	ELECT	1000MF	20%	6.3V
C833	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C834	1-163-038-91	CERAMIC CHIP	0.1MF		25V
C835	1-126-964-11	ELECT	10MF	20%	50V
C847	1-163-243-11	CERAMIC CHIP	47pF	5%	50V
C848	1-163-243-11	CERAMIC CHIP	47pF	5%	50V
C849	1-163-243-11	CERAMIC CHIP	47pF	5%	50V
C852	1-163-243-11	CERAMIC CHIP	47pF	5%	50V
C853	1-163-243-11	CERAMIC CHIP	47pF	5%	50V
C854	1-163-243-11	CERAMIC CHIP	47pF	5%	50V
C855	1-126-964-11	ELECT	10MF	20%	50V
C900	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C901	1-164-005-11	CERAMIC CHIP	0.47MF		25V
C902	1-163-251-11	CERAMIC CHIP	100pF	5%	50V
C903	1-163-251-11	CERAMIC CHIP	100pF	5%	50V
C904	1-163-251-11	CERAMIC CHIP	100pF	5%	50V

CONNECTOR

CN152	1-750-418-11	CONNECTOR, FFC/FPC 13P
CN200	* 1-770-680-11	CONNECTOR,BOARD TO BOARD(PLUG)
CN300	1-566-846-11	CONNECTOR, (S) TERMINAL 4P
CN500	1-770-583-11	CONNECTOR, D-SUB (FEMALE)
CN900	1-750-418-11	CONNECTOR, FFC/FPC 13P
CN901	1-750-418-11	CONNECTOR, FFC/FPC 13P

DIODE

D150	8-719-056-83	DIODE UDZ-TE-17-6.8B
D152	8-719-404-49	DIODE MA111
D153	8-719-404-49	DIODE MA111
D154	8-719-914-43	DIODE DAN202K
D155	8-719-976-88	DIODE DTZ3.9B
D301	8-719-031-68	DIODE HVU359TRF
D302	8-719-031-68	DIODE HVU359TRF
D303	8-719-914-44	DIODE DAP202K
D304	8-719-914-43	DIODE DAN202K
D305	8-719-914-44	DIODE DAP202K
D306	8-719-914-43	DIODE DAN202K
D307	8-719-976-88	DIODE UDZ-TE-17-3.9B
D308	8-719-056-83	DIODE UDZ-TE-17-6.8B
D309	8-719-404-49	DIODE MA111
D310	8-719-404-49	DIODE MA111
D311	8-719-056-83	DIODE UDZ-TE-17-6.8B
D500	8-719-056-83	DIODE UDZ-TE-17-6.8B
D501	8-719-056-83	DIODE UDZ-TE-17-6.8B
D502	8-719-056-83	DIODE UDZ-TE-17-6.8B
D503	8-719-056-83	DIODE UDZ-TE-17-6.8B
D504	8-719-056-83	DIODE UDZ-TE-17-6.8B
D505	8-719-056-83	DIODE UDZ-TE-17-6.8B
D506	8-719-056-83	DIODE UDZ-TE-17-6.8B
D507	8-719-056-83	DIODE UDZ-TE-17-6.8B

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REF.NO.	PART NO.	DESCRIPTION	REMARK
D509	8-719-976-88	DIODE UDZ-TE-17-3.9B	
D510	8-719-976-88	DIODE UDZ-TE-17-3.9B	
D516	8-719-056-83	DIODE UDZ-TE-17-6.8B	
D517	8-719-056-83	DIODE UDZ-TE-17-6.8B	
D520	8-719-404-49	DIODE MA111	
D521	8-719-404-49	DIODE MA111	
D522	8-719-404-49	DIODE MA111	
D801	8-719-031-68	DIODE HVU359TRF	
D802	8-719-031-68	DIODE HVU359TRF	
D803	8-719-914-44	DIODE DAP202K	
D804	8-719-914-43	DIODE DAN202K	
D805	8-719-914-44	DIODE DAP202K	
D806	8-719-914-43	DIODE DAN202K	
D807	8-719-404-49	DIODE MA111	

FERRITE BEAD

FB151	1-410-396-41	FERRITE BEAD INDUCTOR	0.45UH
FB500	1-412-911-11	INDUCTOR, FERRITE BEAD	
FB501	1-412-911-11	INDUCTOR, FERRITE BEAD	

FILTER

FL120	1-236-071-11	ENCAPSULATED COMPONENT
FL151	1-236-071-11	ENCAPSULATED COMPONENT
FL152	1-236-071-11	ENCAPSULATED COMPONENT
FL153	1-236-071-11	ENCAPSULATED COMPONENT
FL154	1-236-071-11	ENCAPSULATED COMPONENT
FL155	1-236-071-11	ENCAPSULATED COMPONENT
FL300	1-236-071-11	ENCAPSULATED COMPONENT
FL500	1-236-071-11	ENCAPSULATED COMPONENT

IC

IC102	8-752-364-81	IC CXK581000AM-70LL
IC103	8-752-364-81	IC CXK581000AM-70LL
IC104	8-759-427-46	IC AT24C64N-10SC
IC106	8-759-373-05	IC MC68340FT16EB1
IC108	8-759-342-60	IC PST575DMT-T1
IC109	8-759-447-99	IC HN62448N-96MASK01
IC150	8-759-443-53	IC UPD65646-9602
IC300	8-759-445-44	IC STI3520CV
IC301	8-759-279-78	IC HM514260AJ8Z
IC302	8-759-279-78	IC HM514260AJ8Z
IC303	8-759-279-78	IC HM514260AJ8Z
IC304	8-759-279-78	IC HM514260AJ8Z
IC306	8-752-378-81	IC CXD1910AQ
IC310	8-759-262-02	IC MC14577CP
IC312	8-759-269-92	IC SN74HCU04ANS-E20
IC317	8-759-073-52	IC TC74AC04F-EL
IC500	8-759-269-73	IC SN74HCT374ANS-E20
IC501	8-759-925-74	IC SN74HC04ANS
IC502	8-759-445-45	IC STMKLAEMTA
IC503	8-752-364-81	IC CXK581000AM-70LL
IC504	8-759-328-10	IC SSI73K222U-IH
IC802	8-759-382-44	IC PCM1717E-T2
IC804	8-759-636-55	IC M5218AFP
IC810	8-759-636-55	IC M5218AFP

JACK

J151	1-565-790-31	JACK, SMALL TYPE 2P	
J500	1-770-671-11	JACK, MODULAR	
J800	1-770-546-21	JACK, PIN 6P	

CHIP CONDUCTOR

JR200	1-216-295-91	CONDUCTOR, CHIP	(2012)
JR201	1-216-295-91	CONDUCTOR, CHIP	(2012)
JR202	1-216-295-91	CONDUCTOR, CHIP	(2012)

COIL

L300	1-410-464-11	INDUCTOR	3.3UH
L301	1-408-408-00	INDUCTOR	8.2UH
L302	1-410-466-41	INDUCTOR	4.7UH
L303	1-410-787-31	INDUCTOR	0.33UH
L304	1-410-464-11	INDUCTOR	3.3UH
L305	1-410-464-11	INDUCTOR	3.3UH
L500	1-410-464-11	INDUCTOR	3.3UH
L807	1-410-464-11	INDUCTOR	3.3UH
L808	1-410-464-11	INDUCTOR	3.3UH

TRANSISTOR

Q170	8-729-216-22	TRANSISTOR 2SA1162-G
Q171	8-729-422-27	TRANSISTOR 2SD601A-Q
Q172	8-729-216-22	TRANSISTOR 2SA1162-G
Q173	8-729-422-27	TRANSISTOR 2SD601A-Q
Q174	8-729-422-27	TRANSISTOR 2SD601A-Q
Q175	8-729-422-27	TRANSISTOR 2SD601A-Q
Q300	8-729-422-27	TRANSISTOR 2SD601A-Q
Q302	8-729-216-22	TRANSISTOR 2SA1162-G
Q303	8-729-216-22	TRANSISTOR 2SA1162-G
Q304	8-729-422-27	TRANSISTOR 2SD601A-Q
Q305	8-729-422-27	TRANSISTOR 2SD601A-Q
Q306	8-729-140-96	TRANSISTOR 2SD774-34
Q504	8-729-216-22	TRANSISTOR 2SA1162-G
Q505	8-729-422-27	TRANSISTOR 2SD601A-Q
Q800	8-729-422-27	TRANSISTOR 2SD601A-Q
Q801	8-729-422-27	TRANSISTOR 2SD601A-Q

RESISTOR

R100	1-218-179-11	METAL GLAZE	10M	5%	1/10W
R101	1-216-109-00	METAL GLAZE	330K	5%	1/10W
R102	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R103	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R104	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R107	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R108	1-216-121-91	METAL GLAZE	1M	5%	1/10W
R110	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R111	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R113	1-216-295-91	CONDUCTOR, CHIP	(2012)		
R150	1-218-179-11	METAL GLAZE	10M	5%	1/10W
R151	1-216-025-91	METAL GLAZE	100	5%	1/10W
R160	1-216-025-91	METAL GLAZE	100	5%	1/10W
R161	1-216-049-91	METAL GLAZE	1K	5%	1/10W

REF.NO.	PART NO.	DESCRIPTION		REMARK			REF.NO.	PART NO.	DESCRIPTION		REMARK		
R162	1-216-025-91	METAL GLAZE	100	5%	1/10W		R378	1-216-049-91	METAL GLAZE	1K	5%	1/10W	
R170	1-216-073-00	METAL GLAZE	10K	5%	1/10W		R379	1-216-025-91	METAL GLAZE	100	5%	1/10W	
R171	1-216-073-00	METAL GLAZE	10K	5%	1/10W		R500	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R172	1-216-073-00	METAL GLAZE	10K	5%	1/10W		R501	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R173	1-216-073-00	METAL GLAZE	10K	5%	1/10W		R502	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R174	1-216-049-91	METAL GLAZE	1K	5%	1/10W		R503	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R175	1-216-049-91	METAL GLAZE	1K	5%	1/10W		R504	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R176	1-216-073-00	METAL GLAZE	10K	5%	1/10W		R505	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R177	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W		R506	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R178	1-216-073-00	METAL GLAZE	10K	5%	1/10W		R507	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R179	1-216-073-00	METAL GLAZE	10K	5%	1/10W		R511	1-216-121-91	METAL GLAZE	1M	5%	1/10W	
R180	1-215-864-00	METAL OXIDE	150	5%	1W	F	R512	1-216-049-91	METAL GLAZE	1K	5%	1/10W	
R309	1-216-022-00	METAL GLAZE	75	5%	1/10W		R513	1-216-001-00	METAL GLAZE	10	5%	1/10W	
R310	1-216-022-00	METAL GLAZE	75	5%	1/10W		R518	1-216-097-91	METAL GLAZE	100K	5%	1/10W	
R311	1-216-081-00	METAL GLAZE	22K	5%	1/10W		R519	1-216-049-91	METAL GLAZE	1K	5%	1/10W	
R312	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W		R520	1-216-049-91	METAL GLAZE	1K	5%	1/10W	
R313	1-216-097-91	METAL GLAZE	100K	5%	1/10W		R521	1-216-035-00	METAL GLAZE	270	5%	1/10W	
R314	1-216-097-91	METAL GLAZE	100K	5%	1/10W		R522	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R315	1-216-025-91	METAL GLAZE	100	5%	1/10W		R526	1-249-393-11	CARBON	10	5%	1/4W	F
R316	1-216-097-91	METAL GLAZE	100K	5%	1/10W		R527	1-249-393-11	CARBON	10	5%	1/4W	F
R317	1-216-025-91	METAL GLAZE	100	5%	1/10W		R536	1-216-049-91	METAL GLAZE	1K	5%	1/10W	
R318	1-216-043-91	METAL GLAZE	560	5%	1/10W		R537	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R319	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W		R539	1-216-295-91	CONDUCTOR, CHIP	(2012)			
R320	1-216-037-00	METAL GLAZE	330	5%	1/10W		R544	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R321	1-216-049-91	METAL GLAZE	1K	5%	1/10W		R550	1-249-414-11	CARBON	560	5%	1/4W	F
R322	1-216-025-91	METAL GLAZE	100	5%	1/10W		R552	1-216-025-91	METAL GLAZE	100	5%	1/10W	
R323	1-216-025-91	METAL GLAZE	100	5%	1/10W		R553	1-216-097-91	METAL GLAZE	100K	5%	1/10W	
R324	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W		R554	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R325	1-216-033-00	METAL GLAZE	220	5%	1/10W		R555	1-216-049-91	METAL GLAZE	1K	5%	1/10W	
R326	1-216-035-00	METAL GLAZE	270	5%	1/10W		R571	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R327	1-216-043-91	METAL GLAZE	560	5%	1/10W		R572	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R328	1-216-049-91	METAL GLAZE	1K	5%	1/10W		R573	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R329	1-216-043-91	METAL GLAZE	560	5%	1/10W		R800	1-249-389-11	CARBON	4.7	5%	1/4W	F
R330	1-216-043-91	METAL GLAZE	560	5%	1/10W		R801	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	
R331	1-216-022-00	METAL GLAZE	75	5%	1/10W		R802	1-208-787-11	METAL GLAZE	1.6K	.50%	1/10W	
R332	1-216-022-00	METAL GLAZE	75	5%	1/10W		R803	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	
R333	1-216-295-91	CONDUCTOR, CHIP	(2012)				R804	1-216-295-91	CONDUCTOR, CHIP	(2012)			
R334	1-216-043-91	METAL GLAZE	560	5%	1/10W		R805	1-216-025-91	METAL GLAZE	100	5%	1/10W	
R335	1-216-073-00	METAL GLAZE	10K	5%	1/10W		R806	1-216-121-91	METAL GLAZE	1M	5%	1/10W	
R336	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W		R807	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R337	1-216-031-00	METAL GLAZE	180	5%	1/10W		R808	1-216-097-91	METAL GLAZE	100K	5%	1/10W	
R338	1-216-095-00	METAL GLAZE	82K	5%	1/10W		R809	1-216-097-91	METAL GLAZE	100K	5%	1/10W	
R339	1-216-025-91	METAL GLAZE	100	5%	1/10W		R810	1-216-097-91	METAL GLAZE	100K	5%	1/10W	
R340	1-216-085-00	METAL GLAZE	33K	5%	1/10W		R811	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R341	1-216-035-00	METAL GLAZE	270	5%	1/10W		R813	1-208-787-11	METAL GLAZE	1.6K	.50%	1/10W	
R342	1-216-017-91	METAL GLAZE	47	5%	1/10W		R814	1-216-049-91	METAL GLAZE	1K	5%	1/10W	
R344	1-216-025-91	METAL GLAZE	100	5%	1/10W		R815	1-216-049-91	METAL GLAZE	1K	5%	1/10W	
R345	1-216-295-91	CONDUCTOR, CHIP	(2012)				R816	1-249-429-11	CARBON	10K	5%	1/4W	
R356	1-216-121-91	METAL GLAZE	1M	5%	1/10W		R821	1-216-025-91	METAL GLAZE	100	5%	1/10W	
R362	1-216-121-91	METAL GLAZE	1M	5%	1/10W		R823	1-216-097-91	METAL GLAZE	100K	5%	1/10W	
R363	1-216-025-91	METAL GLAZE	100	5%	1/10W		R824	1-216-097-91	METAL GLAZE	100K	5%	1/10W	
R370	1-216-025-91	METAL GLAZE	100	5%	1/10W		R826	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R371	1-216-025-91	METAL GLAZE	100	5%	1/10W		R829	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R372	1-216-121-91	METAL GLAZE	1M	5%	1/10W								
R373	1-216-073-00	METAL GLAZE	10K	5%	1/10W		R830	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R374	1-216-073-00	METAL GLAZE	10K	5%	1/10W		R831	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R375	1-216-025-91	METAL GLAZE	100	5%	1/10W		R833	1-216-001-00	METAL GLAZE	10	5%	1/10W	
R377	1-216-025-91	METAL GLAZE	100	5%	1/10W		R846	1-216-073-00	METAL GLAZE	10K	5%	1/10W	

A G

NOTE: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION			REMARK
R847	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R900	1-216-025-91	METAL GLAZE	100	5%	1/10W

RESISTOR

RB100	1-239-409-11	NETWORK RESISTOR (CHIP)	47
RB101	1-239-409-11	NETWORK RESISTOR (CHIP)	47
RB102	1-239-409-11	NETWORK RESISTOR (CHIP)	47
RB103	1-239-409-11	NETWORK RESISTOR (CHIP)	47
RB145	1-236-908-11	NETWORK RESISTOR (CHIP)	10K
RB146	1-236-908-11	NETWORK RESISTOR (CHIP)	10K
RB147	1-239-409-11	NETWORK RESISTOR (CHIP)	47
RB149	1-236-908-11	NETWORK RESISTOR (CHIP)	10K
RB516	1-236-908-11	NETWORK RESISTOR (CHIP)	10K
RB517	1-236-908-11	NETWORK RESISTOR (CHIP)	10K
RB519	1-239-409-11	NETWORK RESISTOR (CHIP)	47
RB800	1-236-908-11	NETWORK RESISTOR (CHIP)	10K
RB819	1-216-182-00	NETWORK RESISTOR (CHIP)	220
RB900	1-236-908-11	NETWORK RESISTOR (CHIP)	10K
RB901	1-239-409-11	NETWORK RESISTOR (CHIP)	47
RB902	1-239-409-11	NETWORK RESISTOR (CHIP)	47

MODULATOR

RF800	1-473-156-11	MODULATOR, RF

RELAY

RY501	1-755-160-11	RELAY

TRANSFORMER

T500	1-427-947-11	TRANSFORMER, MODEM

VARISTOR

VDR500	1-810-973-21	VARISTOR

CRYSTAL

X100	1-567-098-51	VIBRATOR, CRYSTAL
X101	1-767-161-21	VIBRATOR, CRYSTAL
X301	1-760-626-11	VIBRATOR, CRYSTAL
X302	1-760-623-11	VIBRATOR, CRYSTAL
X310	1-760-625-11	VIBRATOR, CRYSTAL
X500	1-760-628-11	VIBRATOR, CRYSTAL
X502	1-760-624-11	VIBRATOR, CRYSTAL
X801	1-760-628-11	VIBRATOR, CRYSTAL

G

*** A-1316-308-A COMPLETE PCB, G**
1-533-223-11 HOLDER, FUSE
4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C601	⚠ 1-136-345-21	FILM	0.1MF	20%	125V
C602	⚠ 1-136-344-11	FILM	0.047MF	20%	125V
C603	⚠ 1-102-050-00	CERAMIC	0.01MF		500V
C604	⚠ 1-102-050-00	CERAMIC	0.01MF		500V
C605	⚠ 1-161-742-00	CERAMIC	0.0022MF	20%	125V
C606	⚠ 1-161-742-00	CERAMIC	0.0022MF	20%	125V
C607	1-104-759-11	ELECT	470MF	20%	200V
C608	1-129-722-00	FILM	0.047MF	5%	630V
C610	1-129-702-00	FILM	0.001MF	10%	630V
C611	1-136-153-00	FILM	0.01MF	5%	50V
C612	1-136-153-00	FILM	0.01MF	5%	50V
C613	1-102-978-00	CERAMIC	220pF	5%	50V
C615	1-102-244-00	CERAMIC	220pF	10%	500V
C616	1-102-244-00	CERAMIC	220pF	10%	500V
C617	1-102-244-00	CERAMIC	220pF	10%	500V
C621	1-102-244-00	CERAMIC	220pF	10%	500V
C624	1-102-244-00	CERAMIC	220pF	10%	500V
C625	1-126-948-11	ELECT	100MF	20%	35V
C626	1-126-951-11	ELECT	470MF	20%	35V
C627	1-126-951-11	ELECT	470MF	20%	35V
C628	1-104-666-11	ELECT	220MF	20%	25V
C629	1-128-546-11	ELECT	10000MF	20%	10V
C630	1-136-165-00	FILM	0.1MF	5%	50V
C632	1-126-964-11	ELECT	10MF	20%	50V
C634	1-104-665-11	ELECT	100MF	20%	25V
C635	1-104-665-11	ELECT	100MF	20%	25V
C636	1-104-665-11	ELECT	100MF	20%	25V

CONNECTOR

CN601	⚠ 1-251-135-11	INLET, AC	
CN620	* 1-750-416-11	CONNECTOR, FFC/FPC 11P	

DIODE

D601	⚠ 8-719-510-22	DIODE D3SB60
D603	8-719-911-19	DIODE 1SS119-25
D620	8-719-510-64	DIODE S2LA20F
D621	8-719-027-43	DIODE S2L20UF
D622	8-719-510-64	DIODE S2LA20F
D623	8-719-510-64	DIODE S2LA20F
D624	8-719-510-12	DIODE D10SC4M
D626	8-719-109-93	DIODE RD6.2ESB2

FUSE

F601	⚠ 1-576-193-11	FUSE 6.3A/125V
F620	⚠ 1-576-107-11	FUSE 3.15A/250V

FERRITE BEAD

FB601	⚠ 1-412-911-11	INDUCTOR, FERRITE BEAD
FB602	⚠ 1-412-911-11	INDUCTOR, FERRITE BEAD

IC

IC601	8-749-011-04	IC MA4520
IC620	8-759-982-36	IC RC78M15FA
IC621	8-759-982-36	IC RC78M15FA
IC622	8-759-012-67	IC NJM790FA
IC623	⚠ 8-719-936-96	PHOTO COUPLER PC817-B
IC624	8-759-908-15	IC TL431CLP

NOTE: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION				REMARK
		COIL				
L602	1-411-314-11	COIL, CHOKE 190UH				
L625	1-406-659-11	COIL, CHOKE 10UH				
		RESISTOR				
R600	⚠ 1-202-723-00	SOLID	2.2M	20%	1/2W	
R601	1-207-651-00	WIREWOUND	2.2	10%	3W	F
R602	1-247-891-00	CARBON	330K	5%	1/4W	
R603	1-215-927-00	METAL OXIDE	47K	5%	3W	F
R604	1-215-927-00	METAL OXIDE	47K	5%	3W	F
R605	1-247-883-00	CARBON	150K	5%	1/4W	
R606	1-247-883-00	CARBON	150K	5%	1/4W	
R607	1-216-367-11	METAL OXIDE	0.68	5%	2W	F
R608	1-249-393-11	CARBON	10	5%	1/4W	F
R610	1-215-863-11	METAL OXIDE	100	5%	1W	F
R612	1-249-422-11	CARBON	2.7K	5%	1/4W	F
R613	1-249-429-11	CARBON	10K	5%	1/4W	F
R615	1-249-414-11	CARBON	560	5%	1/4W	F
R625	1-249-417-11	CARBON	1K	5%	1/4W	
R627	1-249-407-11	CARBON	150	5%	1/4W	
R628	1-215-429-00	METAL	2.2K	1%	1/4W	
R631	1-249-427-11	CARBON	6.8K	5%	1/4W	
R632	1-249-377-11	CARBON	0.47	5%	1/4W	F
R634	1-247-807-31	CARBON	100	5%	1/4W	
R636	1-215-429-00	METAL	2.2K	1%	1/4W	
		TRANSFORMER				
T601	⚠ 1-426-717-11	TRANSFORMER, LINE FILTER (LFT)				
T620	⚠ 1-427-993-11	SRT				
		VARISTOR				
VDR601	⚠ 1-810-973-21	VARISTOR				

HA

*** A-1372-239-A HA BOARD**

CAPACITOR

C001	1-126-933-11	ELECT	100MF	20%	10V

CONNECTOR

CN001	1-750-454-11	CONNECTOR, FFC/FPC 13P
CN002	1-564-505-11	PLUG, CONNECTOR 2P

DIODE

D001	8-719-050-06	DIODE SLR-325MGT31
D002	8-719-911-19	DIODE 1SS119-25
D003	8-719-911-19	DIODE 1SS119-25
D004	8-719-911-19	DIODE 1SS119-25
D005	8-719-911-19	DIODE 1SS119-25
D006	8-719-911-19	DIODE 1SS119-25
D007	8-719-911-19	DIODE 1SS119-25
D008	8-719-911-19	DIODE 1SS119-25
D009	8-719-911-19	DIODE 1SS119-25
D010	8-719-048-77	DIODE SLR-325DCA47
D011	8-719-050-05	DIODE SLR-325VRT31

IC

IC001	8-741-780-51	IC SBX1780-51

TRANSISTOR

Q001	8-729-029-25	TRANSISTOR DTA114WSA-TP
Q002	8-729-029-25	TRANSISTOR DTA114WSA-TP
Q003	8-729-029-25	TRANSISTOR DTA114WSA-TP

RESISTOR

R001	1-249-411-11	CARBON	330	5%	1/4W
R002	1-247-815-91	CARBON	220	5%	1/4W
R003	1-247-815-91	CARBON	220	5%	1/4W
R004	1-247-815-91	CARBON	220	5%	1/4W

SWITCH

S001	1-572-198-11	SWITCH, KEYBOARD
S002	1-572-198-11	SWITCH, KEYBOARD
S003	1-572-198-11	SWITCH, KEYBOARD
S004	1-572-198-11	SWITCH, KEYBOARD
S005	1-572-198-11	SWITCH, KEYBOARD
S006	1-572-198-11	SWITCH, KEYBOARD
S007	1-572-198-11	SWITCH, KEYBOARD
S008	1-572-198-11	SWITCH, KEYBOARD

HB

*** A-1372-240-A HB BOARD**

CONNECTOR

CN050	1-564-517-11	PLUG, CONNECTOR 2P

SWITCH

S050	1-572-198-11	SWITCH, KEYBOARD

SC

*** A-1390-610-A SC BOARD**

CAPACITOR

C950	1-126-933-11	ELECT	100MF	20%	10V
C951	1-124-961-11	ELECT	2.2MF	20%	50V
C953	1-136-165-00	FILM	0.1MF	5%	50V
C954	1-136-165-00	FILM	0.1MF	5%	50V
C955	1-102-110-00	CERAMIC	220pF	10%	50V
C956	1-136-165-00	FILM	0.1MF	5%	50V
C958	1-136-165-00	FILM	0.1MF	5%	50V
C959	1-136-165-00	FILM	0.1MF	5%	50V
C960	1-126-964-11	ELECT	10MF	20%	50V
C961	1-124-960-11	ELECT	1MF	20%	50V
C962	1-102-074-00	CERAMIC	0.001MF	10%	50V
C963	1-136-153-00	FILM	0.01MF	5%	50V
C970	1-126-964-11	ELECT	10MF	20%	50V

NOTE: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION			REMARK
C971	1-124-960-11	ELECT	1MF	20% 50V	
C972	1-124-960-11	ELECT	1MF	20% 50V	
C999	1-136-165-00	FILM	0.1MF	5% 50V	
		CONNECTOR			
CN950 *	1-750-416-11	CONNECTOR, FFC/FPC 11P			
CN951	1-750-418-11	CONNECTOR, FFC/FPC 13P			
CN952	1-750-418-11	CONNECTOR, FFC/FPC 13P			
CN953	1-750-418-11	CONNECTOR, FFC/FPC 13P			
CN954	1-778-281-11	CONNECTOR, SMART CARD			
CN955	1-750-418-11	CONNECTOR, FFC/FPC 13P			
		DIODE			
D951	8-719-510-64	DIODE S2LA20F			
D952	8-719-510-64	DIODE S2LA20F			
D953	8-719-991-33	DIODE 1SS133T-77			
D954	8-719-991-33	DIODE 1SS133T-77			
D955	8-719-109-84	DIODE RD5.1ESB1			
D999	8-719-510-64	DIODE S2LA20F			
		FILTER			
FL950	1-236-071-11	ENCAPSULATED COMPONENT			
		IC			
IC950	8-749-921-21	IC SI-3120C			
	4-382-854-11	SCREW (M3X10), P, SW (+) (screw for IC950)			
IC952	8-759-991-16	IC LM358N			
		COIL			
L950	1-412-541-21	INDUCTOR	220UH		
		TRANSISTOR			
Q940	8-729-119-78	TRANSISTOR 2SC2785-HFE			
Q941	8-729-119-78	TRANSISTOR 2SC2785-HFE			
Q950	8-729-119-78	TRANSISTOR 2SC2785-HFE			
Q951	8-729-119-76	TRANSISTOR 2SA1175-HFE			
Q952	8-729-119-78	TRANSISTOR 2SC2785-HFE			
Q953	8-729-119-76	TRANSISTOR 2SA1175-HFE			
Q954	8-729-019-01	TRANSISTOR 2SD2394-EF			
Q956	8-729-119-78	TRANSISTOR 2SC2785-HFE			
Q957	8-729-119-78	TRANSISTOR 2SC2785-HFE			
Q958	8-729-140-96	TRANSISTOR 2SD774-34			
Q959	8-729-119-78	TRANSISTOR 2SC2785-HFE			
		RESISTOR			
R931	1-249-429-11	CARBON	10K	5% 1/4W	
R932	1-249-429-11	CARBON	10K	5% 1/4W	
R933	1-249-429-11	CARBON	10K	5% 1/4W	
R939	1-247-807-31	CARBON	100	5% 1/4W	
R940	1-249-421-11	CARBON	2.2K	5% 1/4W	
R941	1-249-383-11	CARBON	1.5	5% 1/4W	F
R943	1-249-417-11	CARBON	1K	5% 1/4W	
R945	1-247-807-31	CARBON	100	5% 1/4W	
R946	1-249-417-11	CARBON	1K	5% 1/4W	
R947	1-249-421-11	CARBON	2.2K	5% 1/4W	
R948	1-249-417-11	CARBON	1K	5% 1/4W	
R949	1-249-389-11	CARBON	4.7	5% 1/4W	F
R952	1-249-419-11	CARBON	1.5K	5% 1/4W	
R953	1-249-425-11	CARBON	4.7K	5% 1/4W	
R954	1-249-429-11	CARBON	10K	5% 1/4W	
R955	1-249-425-11	CARBON	4.7K	5% 1/4W	
R956	1-249-417-11	CARBON	1K	5% 1/4W	
R957	1-247-863-91	CARBON	22K	5% 1/4W	
R958	1-247-863-91	CARBON	22K	5% 1/4W	
R959	1-249-417-11	CARBON	1K	5% 1/4W	
R960	1-247-843-11	CARBON	3.3K	5% 1/4W	
R961	1-249-417-11	CARBON	1K	5% 1/4W	
R962	1-249-417-11	CARBON	1K	5% 1/4W	
R963	1-249-421-11	CARBON	2.2K	5% 1/4W	
R965	1-249-429-11	CARBON	10K	5% 1/4W	
R966	1-249-429-11	CARBON	10K	5% 1/4W	
R968	1-249-393-11	CARBON	10	5% 1/4W	F
R969	1-249-409-11	CARBON	220	5% 1/4W	F
R970	1-249-429-11	CARBON	10K	5% 1/4W	
R976	1-249-383-11	CARBON	1.5	5% 1/4W	F
R979	1-249-417-11	CARBON	1K	5% 1/4W	
R980	1-249-417-11	CARBON	1K	5% 1/4W	
R981	1-247-843-11	CARBON	3.3K	5% 1/4W	
R992	1-249-389-11	CARBON	4.7	5% 1/4W	F
R993	1-249-417-11	CARBON	1K	5% 1/4W	
R994	1-249-417-11	CARBON	1K	5% 1/4W	
R995	1-249-429-11	CARBON	10K	5% 1/4W	

REMOTE COMMANDER

8-951-869-90	REMOTE COMMANDER (RM-Y129)
4-973-375-01	BATTERY COVER (for RM-Y129)

ACCESSORIES AND PACKING MATERIALS

1-558-226-11	CORD, CONNECTION (COAXIAL)
1-575-334-11	CORD CONNECTION (AV)
1-769-758-11	CABLE, TELEPHONE
1-759-274-21	MOUSE, INTELLIGENT VCR
⚠ 1-761-676-11	CORD, POWER
* 3-701-627-00	BAG, POLYETHYLENE
3-856-591-21	INSTRUCTION MANUAL
* 4-048-663-01	CUSHION (LEFT)
* 4-048-664-01	CUSHION (RIGHT)
* 4-048-665-01	INDIVIDUAL CARTON
* 4-048-666-01	INSERT, CORRUGATED FIBERBOARD
* 4-048-667-01	SHEET, PROTECTION

NOTES:

9-965-819-01

Sony Corporation
Sony Technology Center - San Diego
Product Quality Division
Service Promotion Department

English
96KJ7450-
Printed in U.S.A