

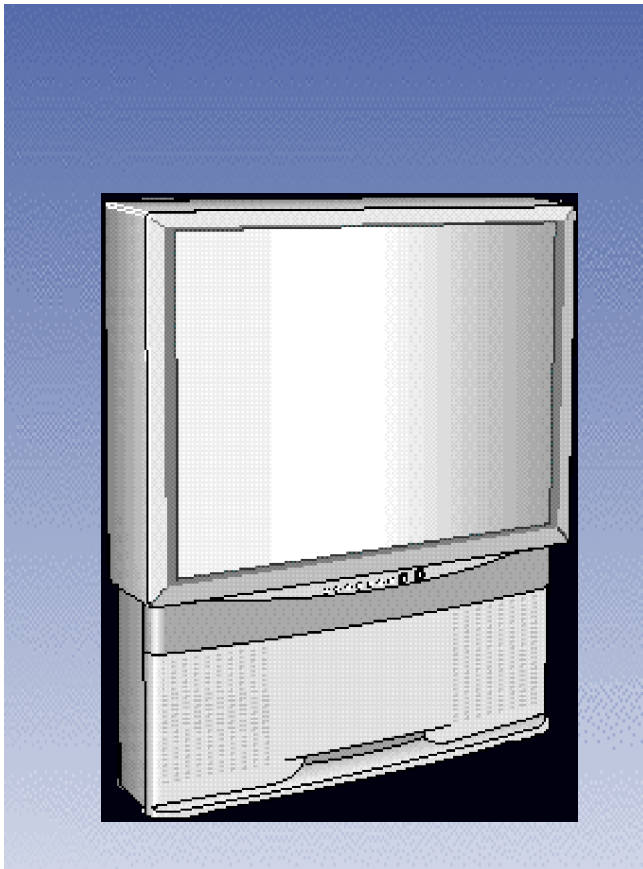


PROJECTION TV RECEIVER

Chassis : P51A
Model: PCJ522RX/XAA
PCJ612RX/XAA
PCJ522RX/XAC
PCJ612RX/XAC

SERVICE Manual

PROJECTION TV RECEIVER



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ELECTRONICS

1. Precautions

Follow these safety, servicing and ESD precautions to prevent damage and protect against potential hazards such as electrical shock and X-rays.

1-1 Safety Precautions

1. Be sure that all of the built-in protective devices are replaced. Restore any missing protective shields.
2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including: nonmetallic control knobs and compartment covers.
3. Make sure that there are no cabinet openings through which people—particularly children—might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

If the measured resistance is less than 1.0 megohm or greater than 5.2 megohms, an abnormality exists that must be corrected before the unit is returned to the customer.

4. **Leakage Current Hot Check (Figure 1-1):**
Warning: Do not use an isolation transformer during this test. Use a leakage-current tester or a metering system that complies with American National Standards Institute (ANIS C101.1, Leakage Current for Appliances), and Underwriters Laboratories (UL Publication UL1410, 59.7).
5. With the unit completely reassembled, plug the AC line cord directly into the power outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: antennas, handle brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

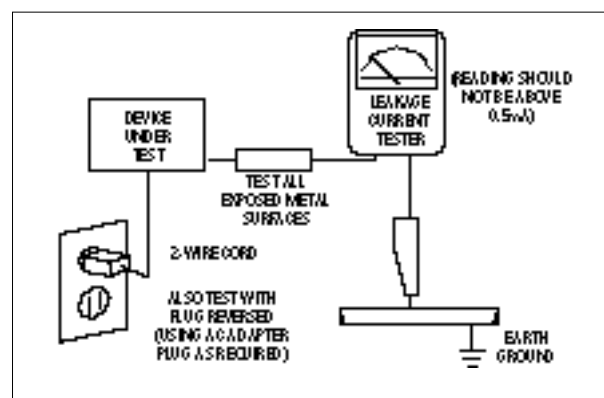


Fig. 1-1 AC Leakage Test



6. **Antenna Cold Check:**
With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. Connect one lead of the ohmmeter to an AC prong. Connect the other lead to the coaxial connector.
7. **X-ray Limits:**
The picture tube is especially designed to prohibit X-ray emissions. To ensure continued X-ray protection, replace the picture tube only with one that is the same type as the original. Carefully reinstall the picture tube shields and mounting hardware; these also provide X-ray protection.
8. **High Voltage Limits:**
High voltage must be measured each time servicing is done on the B+, horizontal deflection or high voltage circuits. Correct operation of the X-ray protection circuits must be reconfirmed whenever they are serviced. (X-ray protection circuits also may be called "horizontal disable" or "hold-down".)

Heed the high voltage limits. These include the X-ray Protection Specifications Label, and the Product Safety and X-ray Warning Note on the service data schematic.

1-1 Safety Precautions (Continued)

9. High voltage is maintained within specified limits by close-tolerance, safety-related components and adjustments. If the high voltage exceeds the specified limits, check each of the special components.
10. Design Alteration Warning:
Never alter or add to the mechanical or electrical design of this unit. Example: Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.
11. Hot Chassis Warning:
Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord. If an isolation transformer is not used, these units may be safely serviced only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC source.

To confirm that the AC power plug is inserted correctly, do the following: Using an AC voltmeter, measure the voltage between the chassis and a known earth ground. If the reading is greater than 1.0V, remove the AC power plug, reverse its polarity and reinsert. Re-measure the voltage between the chassis and ground.
12. Some TV chassis are designed to operate with 85 volts AC between chassis and ground, regardless of the AC plug polarity. These units can be safely serviced only if an isolation transformer inserted between the receiver and the power source.
13. Some TV chassis have a secondary ground system in addition to the main chassis ground. This secondary ground system is not isolated from the AC power line. The two ground systems are electrically separated by insulating material that must not be defeated or altered.
14. Components, parts and wiring that appear to have overheated or that are otherwise damaged should be replaced with parts that meet the original specifications. Always determine the cause of damage or overheating, and correct any potential hazards.
15. Observe the original lead dress, especially near the following areas: Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that leads and components do not touch thermally hot parts.
16. Picture Tube Implosion Warning:
The picture tube in this receiver employs "integral implosion" protection. To ensure continued implosion protection, make sure that the replacement picture tube is the same as the original.
17. Do not remove, install or handle the picture tube without first putting on shatterproof goggles equipped with side shields. Never handle the picture tube by its neck. Some "in-line" picture tubes are equipped with a permanently attached deflection yoke; do not try to remove such "permanently attached" yokes from the picture tube.
18. Product Safety Notice:
Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original—even if the replacement is rated for higher voltage, wattage, etc.

Components that are critical for safety are indicated in the circuit diagram by shading, () or ().
Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications. A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

1-2 Servicing Precautions

Warning 1 : First read the "Safety Precautions" section of this manual. If some unforeseen circumstance creates a conflict between the servicing and safety precautions, always follow the safety precautions.

Warning 2 : An electrolytic capacitor installed with the wrong polarity might explode.

1. Servicing precautions are printed on the cabinet. Follow them.
2. Always unplug the unit's AC power cord from the AC power source before attempting to: (a) Remove or reinstall any component or assembly, (b) Disconnect an electrical plug or connector, (c) Connect a test component in parallel with an electrolytic capacitor.
3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the portion around the serviced part has not been damaged.
5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
6. **Insulation Checking Procedure:** Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500V) to the blades of the AC plug.

The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
7. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.
8. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.
9. When some parts inside the optical engine (except lamp) are damaged, replace the whole optical engine.

1-3 Precautions for Electrostatically Sensitive Devices (ESDs)

1. Some semiconductor (“solid state”) devices are easily damaged by static electricity. Such components are called Electrostatically Sensitive Devices (ESDs); examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.
2. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. (Be sure to remove it prior to applying power—this is an electric shock precaution.)
3. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of electrostatic charge.
4. Do not use freon-propelled chemicals. These can generate electrical charges that damage ESDs.
5. Use only a grounded-tip soldering iron when soldering or unsoldering ESDs.
6. Use only an anti-static solder removal device. Many solder removal devices are not rated as “anti-static”; these can accumulate sufficient electrical charge to damage ESDs.
7. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
8. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.
9. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting a foot from a carpeted floor can generate enough static electricity to damage an ESD.

2. Reference Information

2-1 Tables of Abbreviations and Acronyms

A	Ampere	MV	Megavolt
Ah	Ampere-hour	MW	Megawatt
Å	Angstrom	M	Megohm
dB	Decibel	m	Meter
dBm	Decibel Referenced to One Milliwatt	μA	Microampere
°C	Degree Celsius	μF	Microfarad
°F	Degree Fahrenheit	μH	Microhenry
°K	degree Kelvin	μm	Micrometer
F	Farad	μs	Microsecond
G	Gauss	μW	Microwatt
GHz	Gigahertz	mA	Milliampere
g	Gram	mg	Milligram
H	Henry	mH	Millihenry
Hz	Hertz	ml	Milliliter
h	Hour	mm	Millimeter
ips	Inches Per Second	ms	Millisecond
kWh	Kilowatt-hour	mV	Millivolt
kg	Kilogram	nF	Nanofarad
kHz	Kilohertz		Ohm
k	Kilohm	pF	Picofarad
km	Kilometer	lb	Pound
km/h	Kilometer Per Hour	rpm	Revolutions Per Minute
kV	Kilovolt	rps	Revolutions Per Second
kVA	Kilovolt-ampere	s	Second (Time)
kW	Kilowatt	V	Volt
l	Liter	VA	Volt-ampere
MHz	Megahertz	W	Watt
		Wh	Watt-hour

Table 2-2 Table of Acronyms

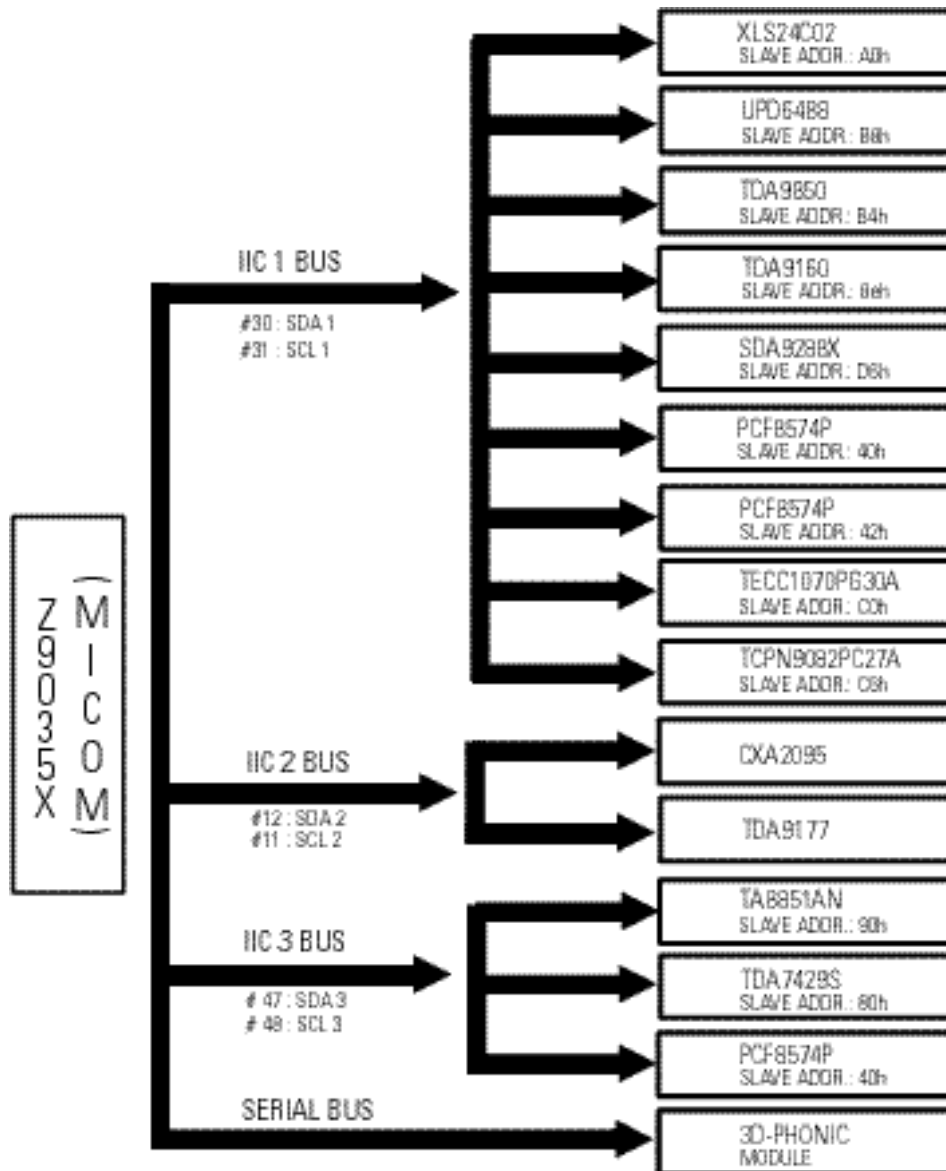
ABL	Automatic Brightness Limiter	I/O	Input/output
AC	Alternating Current	L	Left
ACC	Automatic Chroma Control	L	Low
AF	Audio Frequency	LED	Light Emitting Diode
AFC	Automatic Frequency Control	LF	Low Frequency
AFT	Automatic Fine Tuning	MOSFET	Metal-Oxide-Semiconductor-Field-Effect-Tr
AGC	Automatic Gain Control	MTS	Multi-channel Television Sound
AM	Amplitude Modulation	NAB	National Association of Broadcasters
ANSI	American National Standards Institute	NEC	National Electric Code
APC	Automatic Phase Control	NTSC	National Television Systems Committee
APC	Automatic Picture Control	OSD	On Screen Display
A/V	Audio-Video	PCB	Printed Circuit Board
AVC	Automatic Volume Control	PLL	Phase-Locked Loop
BAL	Balance	PWM	Pulse Width Modulation
BPF	Bandpass Filter	QIF	Quadrature Intermediate Frequency
B-Y	Blue-Y	R	Right
CATV	Community Antenna Television (Cable TV)	RC	Resistor & Capacitor
CB	Citizens Band	RF	Radio Frequency
CCD	Charge Coupled Device	R-Y	Red-Y
CCTV	Closed Circuit Television	SAP	Second Audio Program
Ch	Channel	SAW	Surface Acoustic Wave(Filter)
CRT	Cathode Ray Tube	SIF	Sound Intermediate Frequency
CW	Continuous Wave	SMPS	Switching Mode Power Supply
DC	Direct Current	S/N	Signal/Noise
DVM	Digital Volt Meter	SW	Switch
EIA	Electronics Industries Association	TP	Test Point
ESD	Electrostatic Discharge	TTL	Transistor Transistor Logic
ESD	Electrostatically Sensitive Device	TV	Television
FBP	Feedback Pulse	UHF	Ultra High Frequency
FBT	Flyback Transformer	UL	Underwriters Laboratories
FF	Flip-Flop	UV	Ultraviolet
FM	Frequency Modulation	VCD	Variable-Capacitance Diode
FS	Fail Safe	VCO	Voltage Controlled Oscillator
GND	Ground	VCXO	Voltage Controlled Crystal Oscillator
G-Y	Green-Y	VHF	Very High Frequency
H	High	VIF	Video Intermediate Frequency
HF	High-Frequency	VR	Variable Resistor
HI-FI	High Fidelity	VTR	Video Tape Recorder
IC	Inductance-Capacitance	VTVM	Vacuum Tube Voltmeter
IC	Integrated Circuit	TR	Transistor
IF	Intermediate Frequency		

2-2 IC Line Up

Table 2 - 3 IC Line - Up			
No.	Block Name	IC Location	IC Name
1	MAIN	IC665	TDA7265
		IC904	KS24C04
		ICS801	TNY253P
		ICS802	PC123
2	TERMINAL BOARD	IC601	TDA7429S
		IC602	KA4558
		IC905	PCF8574P
		ICV01	TA8851BN
		ICV02,ICV03	HCF4053BE
3	PIP	ICP01	TDA8601
		ICP02	TDA9160A
		ICP03	SDA9288X
4	MTS MODULE	IC101	TDA9850
5	IF MODULE	IC101	LA7565B
6	HV MODULE	IC471	TL494CN
		IC491	74HC123P
7	CONVERGENCE	ICZ104,ICZ103	STK392-010
8	SUB	IC301	LA7845
		IC801	STR-F6656
		IC802	SVD001
		IC804	SE110N
		IC806	PS2561
9	CRT	IC501,IC531,IC561	TDA6111Q
		IC01	UPD6488
10	2D-COMB	ICI02	CXA1686M
		ICC03	CXD2043Q

Table 2 - 3 IC Line - Up (Continued)			
No.	Block Name	IC Location	IC Name
11	CHROMA	IC201	CXA2095S
		IC202	TDA9177
		IC203	MC14577BP
		IC204, IC205	BCF4053B

2-3 MICOM IIC BUS LINE -UP



MEMO

3. Specifications

Broadcasting System	NTSC
Scanning System	Interlace Scanning
Tuning Range	VHF : CH2 ~ CH13 UHF : CH14 ~ CH69 Cable : CH1, CH14 ~ 125
Antenna Impedance	75 ohm Unbalanced
Intermediate Frequency	Video : 45.75 MHz Sound : 42.25 MHz Chrominance Subcarrier : 42.17 MHz
Sound Output	STD : 15W FULL MAX : 20 W
Rated Voltage	120V / 60 Hz
W/B Coordinates	Hx : 292 ± 3 Hy : 270 ± 3 Y : 3.0 ± 0.2 Lx : 278 ± 5 Ly : 246 ± 5 Y : 0.13 ± 0.02
High Voltage	29 KV
FUSE	250V/6.3A CODE NO : 3601-000300
Power Consumption	230W

MEMO

4.Alignment and Adjustments

4-1 When entering the service mode:

1. Turn on the TV, and then select "STANDARD" on the picture adjustment mode.
2. Turn off the TV (STAND-BY).
3. Enter the service mode by pressing the remote control keys in the following sequence :
MUTE →1→8→2→Power On

Note : If necessary, re-do steps 1~3.

Initial display when the service mode is switched.

1. When a RF signal is received

FACTORY
GEOMETRIC
PICTURE
SOUND
PIP
OPTION
READ
RESET

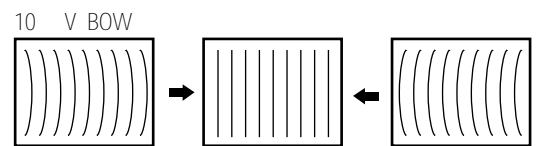
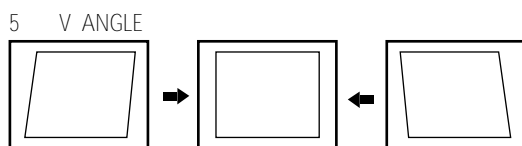
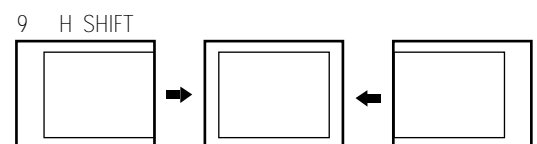
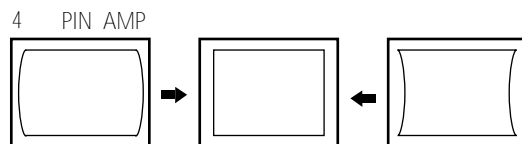
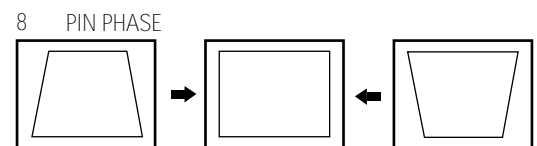
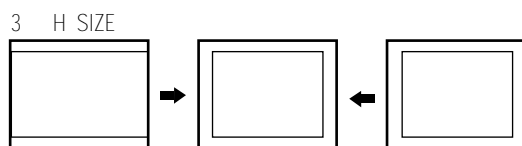
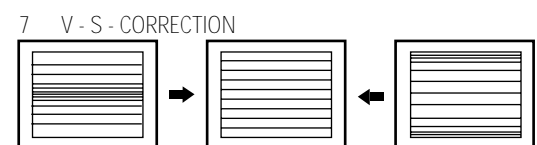
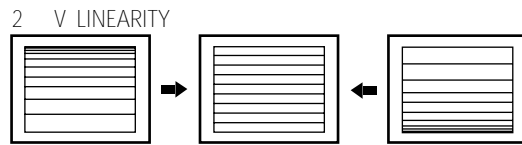
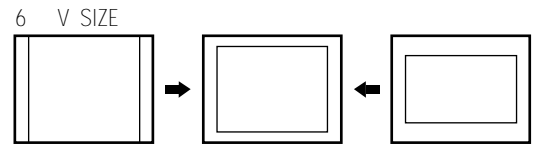
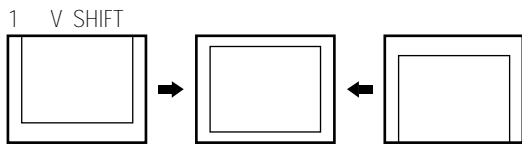
2. Service Mode Control Keys

MAIN MENU	MENU DISPLAY
CH UP/DOWN	Select item by moving cursor
VOL UP/DOWN	Decrease or increase the adjustment values

4-1-1 Factory Data

ITEM	INITIAL VALUE	FUNCTION	ITEM	INITIAL VALUE	FUNCTION
GEOMETRIC					
VS	32	V-SHIFT	HLC	8	PIN-LO-CORR
VA	32	V-SIZE	VAS	40	V-ASPECT-SIZE
VCP	0	V-COMP	VSR	25	V-SCROLL
VLN	5	V-LIN	VUV	0	V-UP-LIN
VSC	3	V-S-CORR	VLV	0	V-LO-LIN
HS	0	H-SHIFT	VJS	0	V-JUMP-SW
HPC	17	PIN-AMP	VZS	0	V-ZOOM-SW
HA	20	H-SIZE	VRP	3	VBLKW
HPP	8	PIN-PHASE	VBS	3	V-BLK-SW
HAA	7	V-ANGLE	HBS	0	H-BLK-SW
HAB	5	V-BOW	HLB	15	H-LEFT-BLK
HUC	8	PIN-UP-CORR	HRB	15	H-RIGHT-BLK
PICTURE					
DCT	1		GC	8	
DPI	1		BC	8	
AS	1		GAM	2	
DCL	1		AFC	2	
ABL	1		TOC	1	
POV	3		SSP	40	
SFO	1		AMS	1	
TA	1		FHS	0	
SCT	5		CFS	0	
SBT	8		SC	40	
SCR	4		LWC	32	
STT	11		COR	45	
GA	32				
BA	32				
SOUND					
STEREO	9		ALIGN1	27	
SAP	9		ALIGN2	25	
LEVEL	9		ALIGN3	4	
PIP					
CONTRAST	10				
HUE	32				
POS-HOR	137				
POS-VER	34				
OPTION					
BYTE 0 :	91				
BYTE 1 :	00				

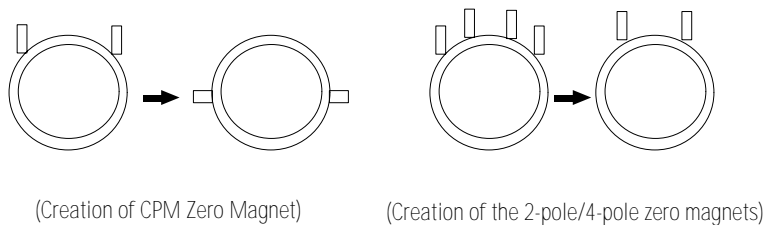
4-2 Screen Change (When adjusting I²C Bus Geometric items)



4-3 Beam Alignment

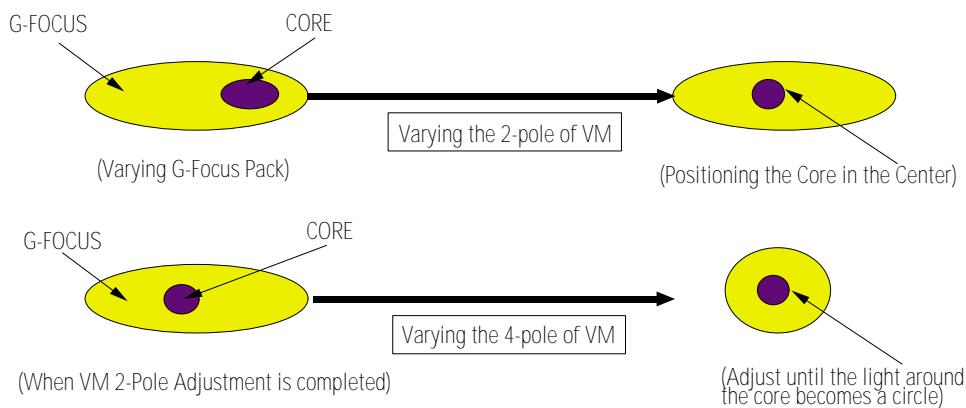
PRECAUTION

1. Input a crosshatch and dot pattern.
2. Select the "STANDARD" video mode.
3. Warm up the TV for at least 10 minutes.
4. Connect an audio oscillator to the pin jig between GT401~GT402 (located on the deflection PCB) and GND.
5. Determine the ZERO-magnet area (using the beam-alignment CY)
6. Check the squarewave at the point where the focus is misaligned (Use an audio oscillator).



ADJUSTMENT

1. Cover the Red and Blue lenses.
2. Adjust the Green lens as shown in the figures below



3. Adjust the G-Focus until any light around the core disappears.
4. Cover the Green and Blue lenses.
5. Adjust the Red lens using the same method as with the Green lens.
6. Note: The Blue lens is not adjusted because its focus varies little (VM-coil is installed).
7. After the adjustments are completed, disconnect the jig pin connector.

4-4 Other Adjustments

4-4-1 Screen Adjustment

1. Warm up the TV for at least 30 minutes.
2. Turn to the Video Mode (No Signal) using a remote-control.
3. Connect an oscilloscope to RK,GK,BK.
4. Adjust the VR (VR501, VR531, VR561) screen so that RK, GK, BK pulse is 20Vp-p each. (Turn the R,G,B VR screen fully counterclockwise in the area of each flyback line.)

4-4-2 White Balance Adjustment

1. Select the "STANDARD" video mode.
2. Input 100% white pattern.
3. In the stand-by mode, press the remote-control keys in the following sequence:
Mute → 1 → 8 → 2 → Power ON
4. Warm up the TV for at least 30 minutes.
5. Input a 10-step signal.
6. R-cut off, B-cut off, and G-cut off by pressing the Volume +/- keys.
7. Adjust the low light with viewing the dark side of the screen.
8. Select R-drive, G-drive, and B-drive by pressing the Volume +/- keys.
9. Adjust the high light with viewing the light side of the screen.
10. If necessary, redo adjustments 6~9.
11. Press the Menu key to exit.

4-4-3 Sub-Brightness Adjustment

1. Input a sub-brightness adjustment signal. (TOSHIBA PATTERN)
2. In the stand-by mode, press the remote-control keys in the following sequence :
Mute - 1 - 8 - 2 - Power ON
3. Select SBT by pressing the Volume +/- keys.
4. Adjust so that the 7th step on the right side of the screen is not seen (Use the Volume +/- keys).
5. Press the Menu key to exit.

4-4-4 High Voltage (31KV) Check

PRECAUTION

1. Input a lion head pattern.
2. Select "STANDARD" video mode.
3. Warm up the TV for at least 10 minutes.
4. Use a 1000:1 probe.

ADJUSTMENT

1. Connect the (+) terminal of the 1000:1 probe to the high voltage distributor and the (-) terminal to GND (located on the deflection board).
2. Adjust VR471 (located on the deflection board) so that the digital meter indicates DC 31V ± 0.1V.

4-4-5 F.S. (Fail Safe) Circuit Check

Note : The F.S. Circuit check must be performed after servicing.

1. Turn on the TV.
2. Select the "STANDARD" video mode.
3. Short GT18, GT17 (located on the Convergence PCB). Then, both sound and picture disappear. (Note: Even if the shorted terminals are removed, both sound and picture do not appear. This proves the F.S. circuit is working.)
4. To restore both sound and picture, turn off the TV and reset it after about 30 seconds.

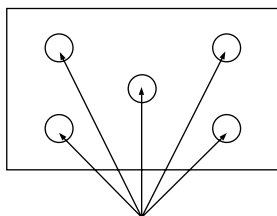
4-4-6 Static Focus Adjustment

PRECAUTION

1. Select the "STANDARD" video mode.
2. Input a crosshatch pattern.
3. Cover the lenses that are not being adjusted.
4. Connect a convergence jig and read data.
5. Adjust the lens for best focus. (See Fig, 4-1, next page)

STATIC FOCUS (CONTINUED)

Vary the focus pack VR (Red, Blue) on the front cabinet. Adjust the TV for best possible focus around the center of the crosshatch pattern, without losing overall screen balance. Figure Crosshatch Pattern Examine these points together.



Examine these points together

Fig. 4-1 Crosshatch Pattern.

4-4-7 Lens Focus Adjustment

PRECAUTIONS

1. Do this adjustment after the static focus adjustment and the tilt adjustment.
2. Select the "STANDARD" video mode. (Contrast:64, Brightness:32)
3. Input a crosshatch pattern.

ADJUSTMENT

1. Loosen the lens screws.
2. Cover the two lenses that are not being adjusted.
3. Adjust the lens, observing the color aberration vertically and horizontally within 3 blocks of the center of the crosshatch pattern.
4. When the lens is turned clockwise, the color aberration will change as follows:

<u>Lens</u>	<u>Color Aberration Change</u>
R	Orange - Crimson
G	Blue - Red
B	Purple - Green

5. Green lens adjustment:
Set the lens at the point where Blue just changes to Red. If the color aberration is irregular throughout the picture screen, adjust the lens to show Red color aberration (approximately 1~3 mm area) within a 3-block grid around the horizontal center-line. If the color aberration is irregular, adjust the lens as shown in the diagram below. (Accurate alignment of Green is important for overall color quality.)
6. Red lens adjustment
Set the Red lens at the point where Orange becomes Crimson.
7. Blue lens adjustment
Set the Blue lens at the point where Purple becomes Green.

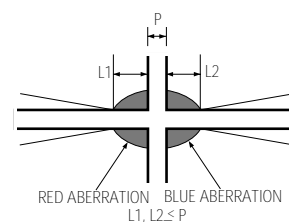


Fig. 4-2 Color Aberration

4-4-8 Horizontal Dynamic Focus Adjustment

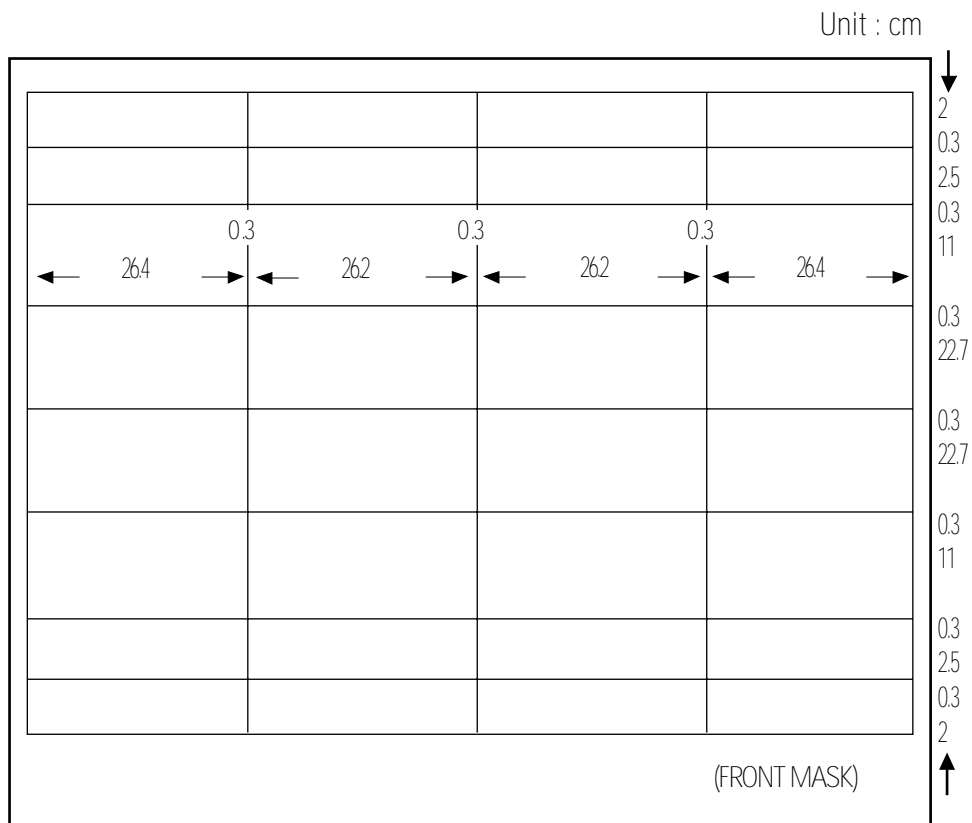
PRECAUTION

1. Input a crosshatch pattern.
2. Select the "STANDARD" video mode.
3. Warm up the set for at least 10 minutes.

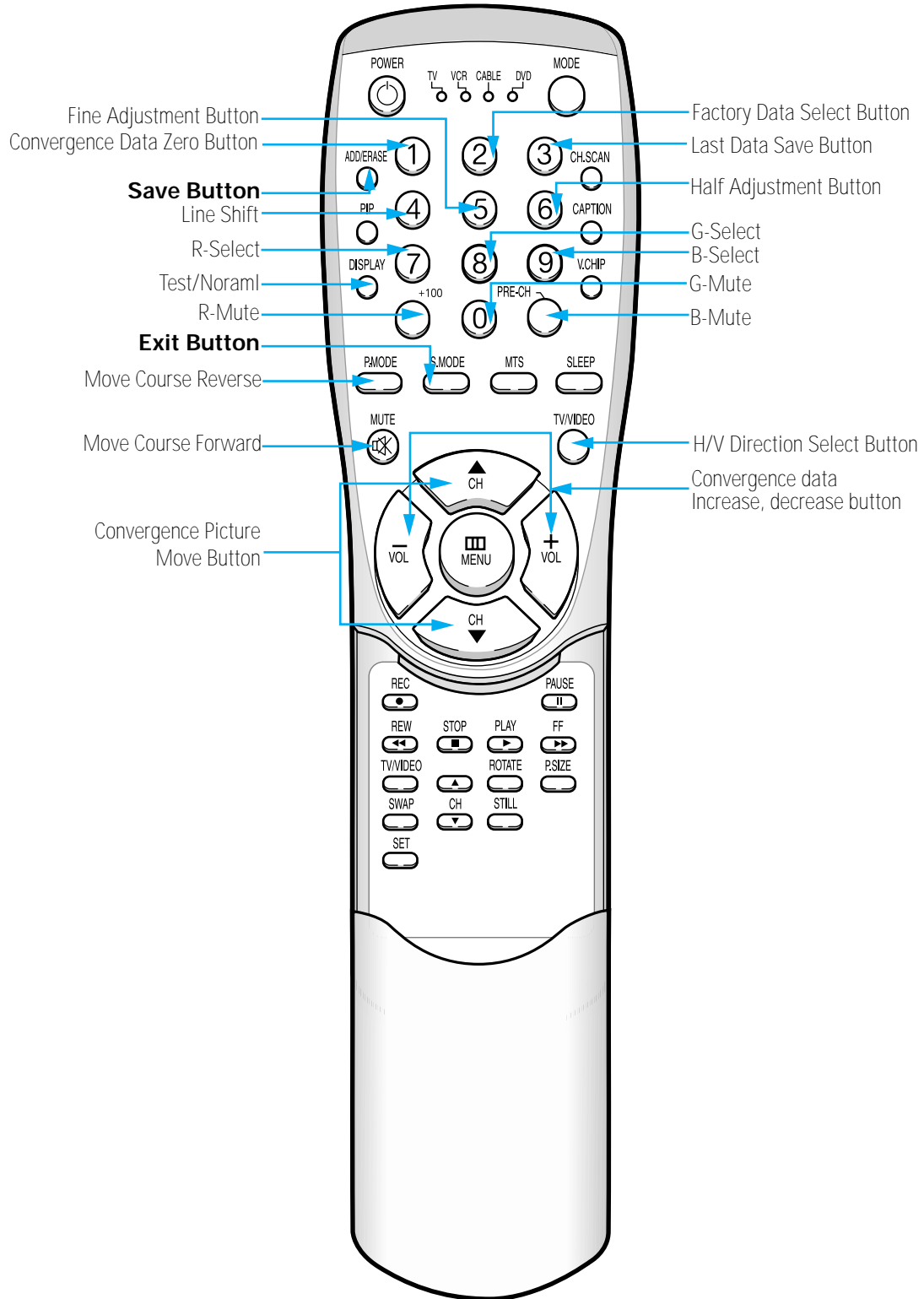
ADJUSTMENT

1. Cover the Red and Blue lenses.
2. Adjust VR491 (located on the convergence PCB, H-Parabola).
3. Balance the left and right sides of the dynamic focus lines.












4-5 Screen-Jig





4-6 Remote Control for Servicing (Convergence Mode)





4-6-1 KEY Function


1. R-SELECT 
Press to select RED color.
2. G-SELECT 
Press to select GREEN color.
3. B-SELECT 
Press to select BLUE color.
4. R-MUTE 
Press to mute RED color.
5. G-MUTE 
Press to mute GREEN color.
6. B-MUTE 
Press to mute BLUE color.
7. CANCEL KEY 
Press to revert to the previous data during the Convergence Adjustment.
8. FINE/COARSE SELECT BUTTON 
Press for minor adjustment.
If the width of the big-adjustment step is 1, then the width of the minor adjustment step is 0.5.
9. TEST/NORMAL 
Press to check TV mode in the Convergence Mode.
10. LINE SHIFT 
Press to move a line up/down or left/right.
11. FACTORY DATA SELECT BUTTON 
Press to call the factory default values.

12. H/V DIRECTION SELECT BUTTON 
Press to switch the cursor direction horizontally or vertically.

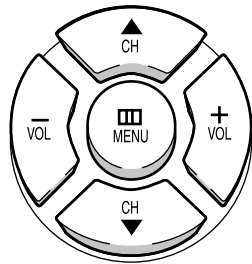
13. SAVE BUTTON 
After the Convergence Adjustments are completed, press to save data.

14. EXIT BUTTON 
After the Convergence adjustments are completed, press to exit to TV mode.


15. MOVE CURSOR FORWARD 
Press to move the cursor right or down.

16. MOVE CURSOR REVERSE 
Press to move the cursor left or up.

17. CONVERGENCE PICTURE MOVE BUTTON



18. CONVERGENCE DATA ZERO BUTTON 
Press to zero the convergence correction data.

19. HALF ADJUSTMENT BUTTON 
After big adjustments are made, press for improvement of minor adjustment.

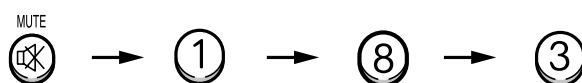
4-7 Convergence Adjustment

1. Warm up the TV for at least 30 minutes.
2. Input an NTSC Signal. (Use an antenna or AV source.)



Make sure that both deflection and convergence yokes are properly adjusted so that the center of Green, Red, Blue pattern is aligned on the center of screen jig.

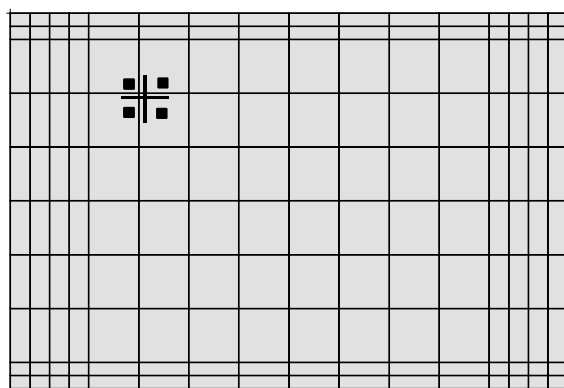
3. Enter the Convergence Mode by pressing the remote control keys in the following sequence:






If OSD is displayed as shown in figure below, press the  key to exit.



Then, redo step 3 to enter the Convergence Mode.

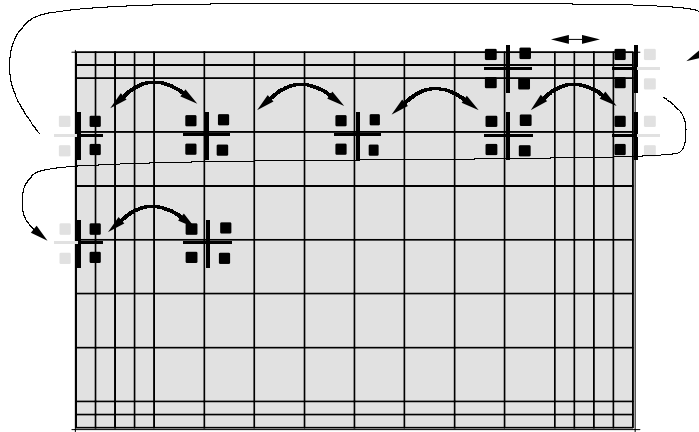
After entering the Convergence Mode, Stand by for about five seconds before doing the adjustments.




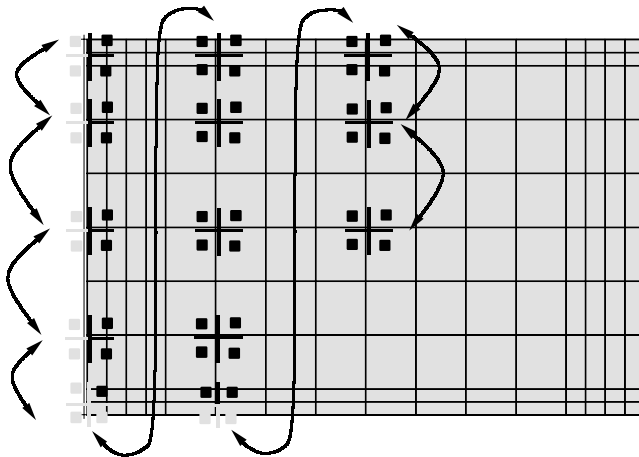
4. To adjust GREEN, first press the  and the  keys, and then press the  key.




5. The  key moves the cursor right, and the  key moves the cursor left.

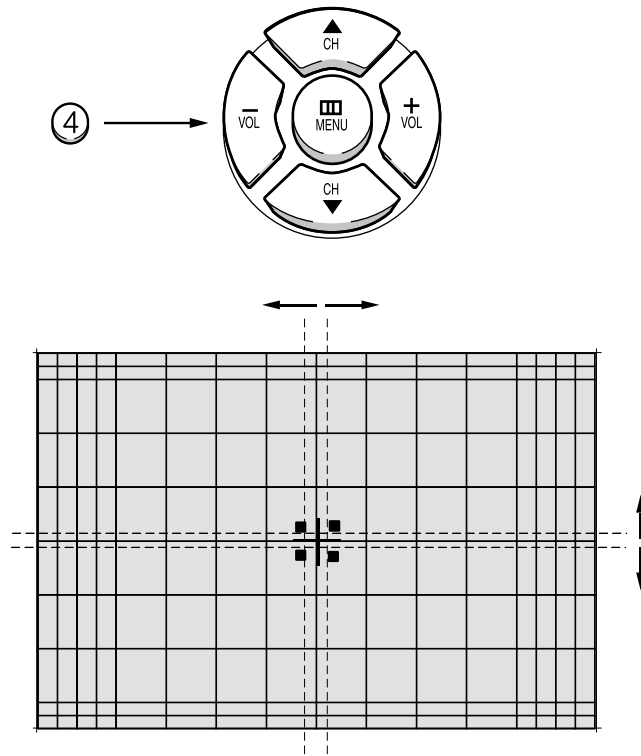




6. The ^{TV/VIDEO}  key moves the cursor horizontally or vertically.



When the ^{TV/VIDEO}  key is pressed once again, the cursor moves horizontally.

7. Use the  key for overall balance.

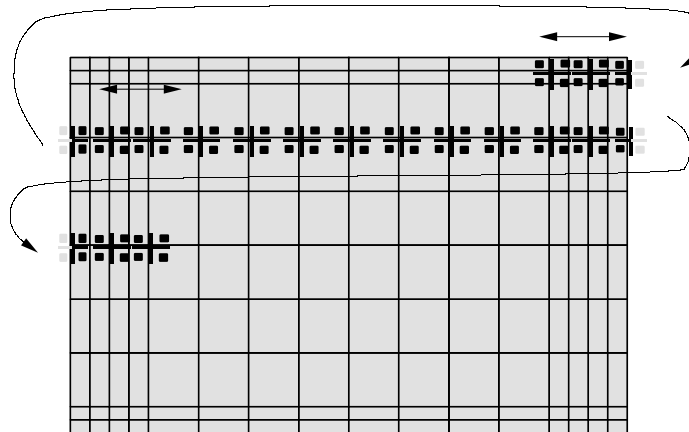
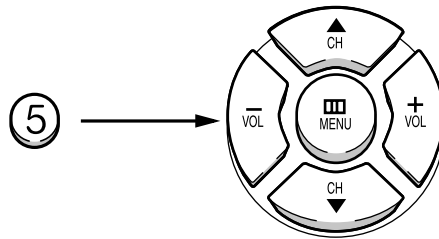


8. After the Line Shift is cancelled by pressing the  key, use the Channel and Volume keys (Up/Down) to make big adjustments.
9. After the green convergence adjustments are completed, press the  key to save the data (The minor adjustments can be done only when adjusting Red and Blue).

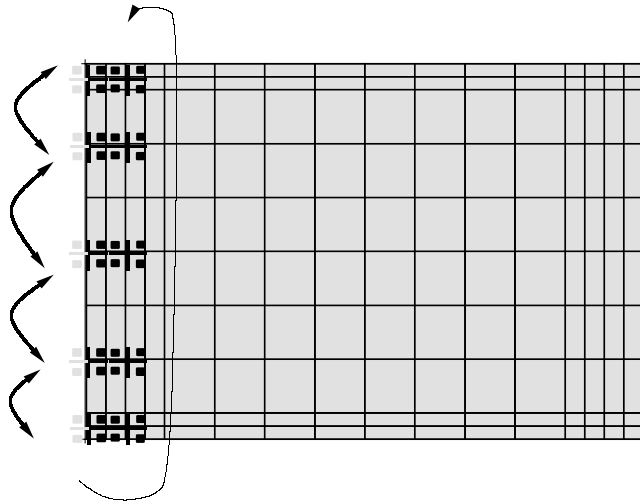
10. Superimpose the Red and Green colors by pressing the O^{+100} and the 7 keys.

11. To adjust RED, redo steps 5~8.




12. Use the 5^+ key to make minor adjustments.
 (Or the 6 key can be used for minor adjustment.)



Cursor Movement (when making minor adjustments)



When the cursor moves vertically 

13. To superimpose the blue and green colors, press (1) the  key for R-Mute, (2) the  key to cancel the B-Mute, and (3) the  key for B-select.

14. To adjust BLUE, redo steps 5 ~ 8, 12.

15. If any color is not properly adjusted when displaying the red, blue and green colors, readjust the color.

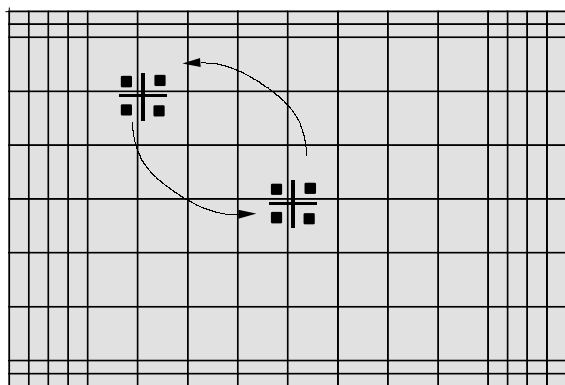


When readjusting a color, enter the minor adjustment mode. Otherwise, the existing adjustment data might be distorted.

16. After the color adjustments are completed, press the ^{ADD/ERASE} (○) key to save the data.



The cursor moves to center, and then automatically moves up and to the left about five seconds later.



17. After the Convergence Adjustments are completed, press the ^{S.MODE} (○) key to exit.

4-8 MICOM and Pins Voltage

4-8-1 Pin Layput

POWER	1		52	D2
IR-IN	2		51	CTRL 1
V-MUTE	3		50	BUS-STOP
3D-SDA	4		49	HOLD
N.C	5		48	SCL-3
N.C	6		47	SDA-3
CRTL 3	7		46	TIMER-LED
N.C	8	Z	45	SAW-MUTE
PROTECT	9	9	44	D1
N.C	10	0	43	AMP-MUTE
SCL 2	11	3	42	CTRL 2
SDA 2	12	5	41	N.C
CVBS	13	1	40	XTAL GND
LOOP FILTER	14	1	39	VCC
ANALOG GND	15	2	38	GND
SUB-AFT	16	P	37	XTAL2
KEY1	17	S	36	XTAL1
MAIN-AFT	18	C	35	/RESET
KEY2	19		34	N.C
KEY3	20		33	N.C
ANALOG GND	21		32	D3
ANALOG VCC	22		31	SCL-1
HALF TONE	23		30	SDA-1
OSD B	24		29	VSYNC
OSD G	25		28	HSYNC
OSD R	26		27	BLANK

4-8-2 Micom Pins

PIN NO.	ITEM	FUNCTION	OUT VOLT
1	POWER	POWER ON/OFF RELAY CONTROL	H--> L
2	IR IN	REMOCON INPUT	5V
3	V-MUTE	VIDEO SIGNAL MUTE	3V
4	N.C	N.C	-
5	N.C	N.C	-
6	CRTL 3	CONTROL-3PORT	5V
7	N.C	N.C	-
8	N.C	N.C	-
9	PROTECT	PROTECT PORT	-
10	N.C	N.C	-
11	SCL 2	CLOCK BUS LINE	4.5V
12	SDA 2	DATA BUS LINE	4.5V
13	CVBS	CVBS	1.7V
14	LOOP FILTER	LOOP FILTER	1.9V
15	ANALOG GND	GND	GND
16	SUB-AFT	SUB AUTO FINE TUNING CONTROL	2.64V
17	KEY 1	KEY SCAN 1	4.84V
18	MAIN-AFT	MAIN TUNER AFT	1.9V
19	KEY 2	KEY SCAN 2	-
20	KEY 3	KEY SCAN 3	-
21	ANALOG GND	GND	-
22	ANALOG VCC	VCC	5V
23	HALF TONE	SIGNAL FOR OSC-FREQUENCY OSD CONTROL	-
24	OSD B	ON SCREEN DISPLAY BLUE OUTPUT	-
25	OSD G	ON SCREEN DISPLAY GREEN OUTPUT	-
26	OSD R	ON SCREEN DISPLAY RED OUTPUT	-

PIN NO.	ITEM	FUNCTION	OUT VOLT
27	BLANK	BLAKING SIGNAL OUTPUT	-
28	HSYNC	HORIZONTAL SYNC INPUT	-
29	VSYNC	VERTICAL SYNC INPUT	-
30	SDA-1	DATA BUS LINE	4.5V
31	SCL-1	CLOCK BUS LINE	4.12V
32	D3	CONVERGENCE D3	-
33	N.C	N.C	-
34	N.C	N.C	-
35	/RESET	RESET	4.74V
36	XTAL1	XTAL 1	1.72V
37	XTAL2	XTAL 2	2.2V
38	GND	GND	-
39	VCC	VCC	5V
40	XTAL GND	GND	-
41	N.C	N.C	-
42	CRTL 2	CONTROL - 2 PORT	5V
43	AMP-MUTE	MAIN AMP MUTE	-
44	D1	CONVERGENCE D1	-
45	S/W-MUTE	SWITCH MUTE (NOT USED)	-
46	TIMER-LED	TIMER LED	4.7V
47	SDA-3	DATA BUS LINE	4.6V
48	SCL-3	CLOCK BUS LINE	4.6V
49	HOLD	HOLD	4.65V
50	BUS-STOP	I ² C BUS STOP	5V
51	CRTL 1	CONTROL - 1 PORT	4.65V
52	D2	CONVERGENCE D2	-

4-8-3 Chroma MDL

PIN NO.	ITEM	FUNCTION	OUT VOLT
1	N.C	N.C	-
2	GND	GND	GND
3	CVBS/Y	CVBS/Y INPUT	1.76V
4	CIN	C-INPUT	2.92V
5	GND	GND	GND
6	E-Pr/R	E-Pr/R INPUT	2.0V
7	E-Y/G	E-Y/G INPUT	2.0V
8	E-Pb/B	E-Pb/B INPUT	2.0V
9	E-FB	FAST BLANKING INPUT	0.25V
10	GND	GND	GND
11	HS1	1H-SYNC OUT	-
12	VS1	VS1 OUT	-
13	GND	GND	GND
14	SDA-2	SERIAL DATA LINE 2	4.7V
15	SCL-2	SERIAL CLOCK LINE 2	4.8V
16	N.C	N.C	-
17	HD	H-DRIVE OUT	1.6V
18	H-BLK	H-BLANK INPUT	-
19	VD+	VERTICAL DRIVE (+VOLTAGE)	2.90V
20	VD-	VERTICAL DRIVE (-VOLTAGE)	2.95V
21	ABL	ABL INPUT	2.15V
22	V-BLK	V-BLANKING	-
23	EW	EAST WEST OUT	2.2V
24	N.C	N.C	-
25	GND	GND	GND
26	N.C	N.C	-
27	FSC	FSC	-
28	HC	5V INPUT	-
29	GND	GND	GND
30	TEST-Y	WHEN CG ADJ PATTERN INPUT	-

PIN NO.	ITEM	FUNCTION	OUT VOLT
31	N.C	N.C	-
32	N.C	N.C	-
33	N.C	N.C	-
34	CRTL - 3	CRTL - 3	5V
35	CRTL - 1	CRTL - 1	5V
36	GND	GND	GND
37	OSD-R	OSD-R INPUT	-
38	OSD-G	OSD-G INPUT	-
39	OSD-B	OSD-B INPUT	-
40	YS	BLANK(MICOM OUT)	-
41	YM	HALF TONE INPUT	-
42	V-MUTE	VIDEO MUTE (V-CHIP ON)	4.72V
43	GND	GND	GND
44	9V	9V	9V
45	N.C	N.C	-
46	N.C	N.C	-
47	N.C	N.C	-
48	PIP-F/B	N.C	-
49	GND	GND	
50	R-OUT	R-OUT	-
51	G-OUT	G-OUT	-
52	B-OUT	B-OUT	-
53	GND	GND	GND
54	IK	IK OUT	3.65V
55	SPOT	SPOT OUT	-
56	GND	GND	GND
57	VM-Y	VM-Y OUT	5.42V
58	CTRL - 2	CTRL - 2	5V

4-8-4 PIP MODULE

PIN NO.	ITEM	FUNCTION	OUT VOLT
1	GND	GND	GND
2	TV	SUB-V INPUT	2.93V
3	GND	GND	GND
4	N.C	N.C	-
5	8V	8V INPUT	8V
6	N.C	N.C	-
7	PIP-Pr/R	PIP-Pr/R (DVD SIG) OUT	2.02V
8	PIP-Y/G	PIP-Y/G (DVD SIG) OUT	2.04V
9	PIP-Pb/B	PIP-Pb/B (DVD SIG) OUT	2.02V
10	PIP-FB	PIP FAST BLANKING	2.02V
11	12V	12V INPUT	12V
12	PIP-F/B	N.C	N.C
13	PIP-B	DVD-B IN	-
14	PIP-G	DVD-G IN	-
15	PIP-R	DVD-R IN	-
16	N.C	N.C	-
17	V-SYNC	V-SYNC INPUT	-
18	H-SYNC	H-SYNC INPUT	-
19	SCL	SERIAL CLOCK LINE	4.11V
20	SDA	SERIAL DATA LINE	4.5V
21	5V	5V INPUT	5V
22	GND	GND	GND

4-8-5 2D/COMB MODULE

PIN NO.	ITEM	FUNCTION	OUT VOLT
1	VIDEO	MAIN VIDEO INPUT	2.74V
2	GND	GND	GND
3	9V	9V INPUT	9V
4	GND	GND	GND
5	FSC	FSC	-
6	N.C	N.C	-
7	N.C	N.C	-
8	5V	5V INPUT	5V
9	Y-OUT	MAIN Y OUT	-
10	GND	GND	GND
11	C-OUT	MAIN C OUT	-
12	GND	GND	GND

4-8-6 IF MODULE

PIN NO.	ITEM	FUNCTION	OUT VOLT
1	SIF	SIF OUT	3.25V
2	9V	9V INPUT	9V
3	GND	GND	GND
4	IF	IF INPUT	4.5V
5	GND	GND	GND
6	AGC	RF AGC IN	5.37V
7	TV-VIDEO	TV-VIDEO OUT	-
8	AFT	MAIN AFT INPUT	2V
9	GND	GND	GND

4-8-7 MTS MODULE

PIN NO.	ITEM	FUNCTION	OUT VOLT
1	TV-R	TV R-SOUND OUT	-
2	TV-L	TV L-SOUND OUT	-
3	SCL	SERIAL CLOCK LINE	-
4	SDA	SERIAL DATA LINE	-
5	N.C	N.C	-
6	GND	GND	GND
7	SIF	SIF INPUT	-
8	N.C	N.C	-
9	N.C	N.C	-
10	9V	9V INPUT	9V

4-8-8 H/V MODULE

PIN NO.	ITEM	FUNCTION	OUT VOLT
1	12V	12V INPUT	12V
2	GND	GND	GND
3	HD	H-DRIVE INPUT	1.6V
4	V-BLK	V-BLANK INPUT	0.72V
5	H-BLK	H-BLANK OUT	0.54V
6	GND	GND	GND
7	PROTECT	PROTECT	ACTIV H
8	FBT-DC	FBT DC FEED BACK	4.87V
9	X-RAY	X-RAY PROTECT F/B	2.10V
10	N.C	N.C	-
11	HV-REG	HV-REG	3.54V
12	HV-DRIVE	HIGH VOLTAGE DRIVE	0.32V
13	H-DRIVE	H-DRIVE OUT	25V
14	GND	GND	GND
15	HEATER	HEATER INPUT	AC[0.7V]
16	N.C	N.C	-
17	208V	208V INPUT	208V
18	N.C	N.C	-
19	GND	GND	GND
20	V2	V2 INPUT	
21	N.C	N.C	-
22	N.C	N.C	-
23	D-FOCUS	DYNAMIC FOCUS OUT	-
24	N.C	N.C	-
25	N.C	N.C	-
26	SCREEN	SCREEN INPUT	1356V

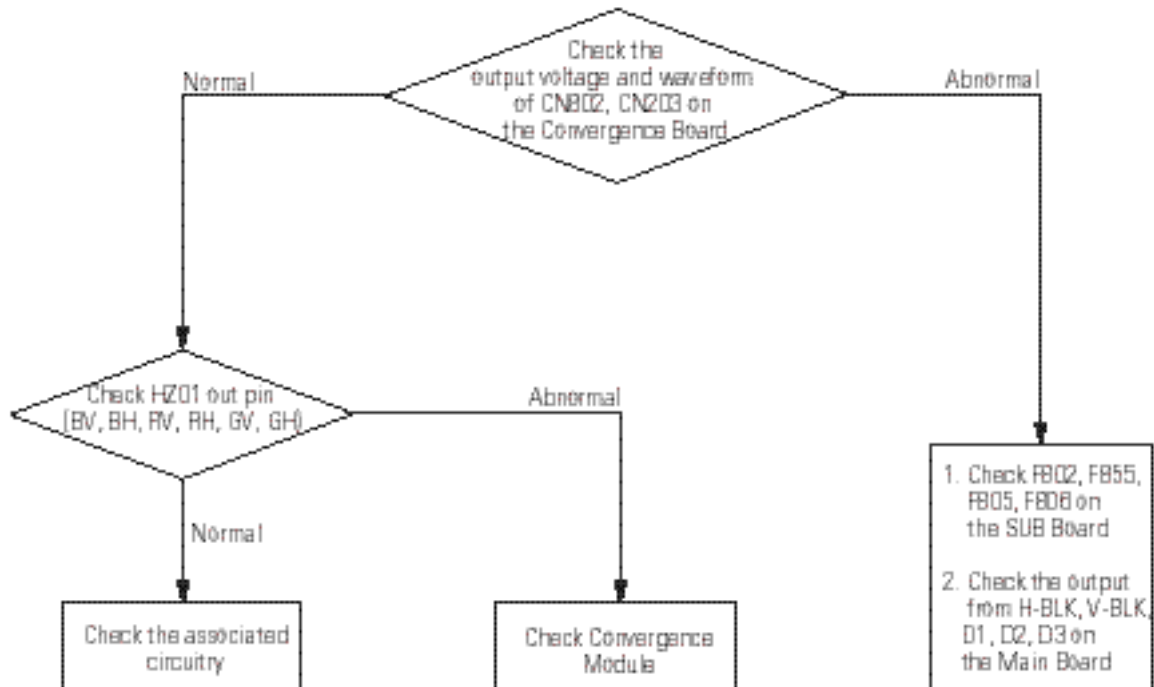
4-8-9 CONV- MODULE

PIN NO.	ITEM	FUNCTION	OUT VOLT
1	SDA	D2	-
2	SCL	D1	-
3	GND	GND	GND
4	BV	BLUE VERTICAL OUT	-
5	BH	BLUE HORIZONTAL OUT	-
6	GV	GREEN VERTICAL OUT	-
7	GH	GREEN HORIZONTAL OUT	-
8	RV	RED VERTICAL OUT	-
9	RH	RED HORIZONTAL OUT	-
10	-5.4V	-5.4V INPUT	-5.4V
11	5.4V	5.4V INPUT	+5.4V
12	V-BLK	V-BLK INPUT	-
13	GND	GND	GND
14	H-BLK	H-BLK INPUT	0.52V
15	COMP	COMP VIDEO OUTPUT (N.C)	-
16	IR	INPUT REMOCON	3V
17	CTRL	CTRL (N.C)	N.C
18	D3/SEL	D3	0.2V
19	B	WHEN TEST PATTERN B OUT	-
20	G(TEST)	WHEN TEST PATTERN G OUT	N.C
21	R	WHEN TEST PATTERN R OUT	-
22	SYNC	SYNC OUTPUT	4.41V

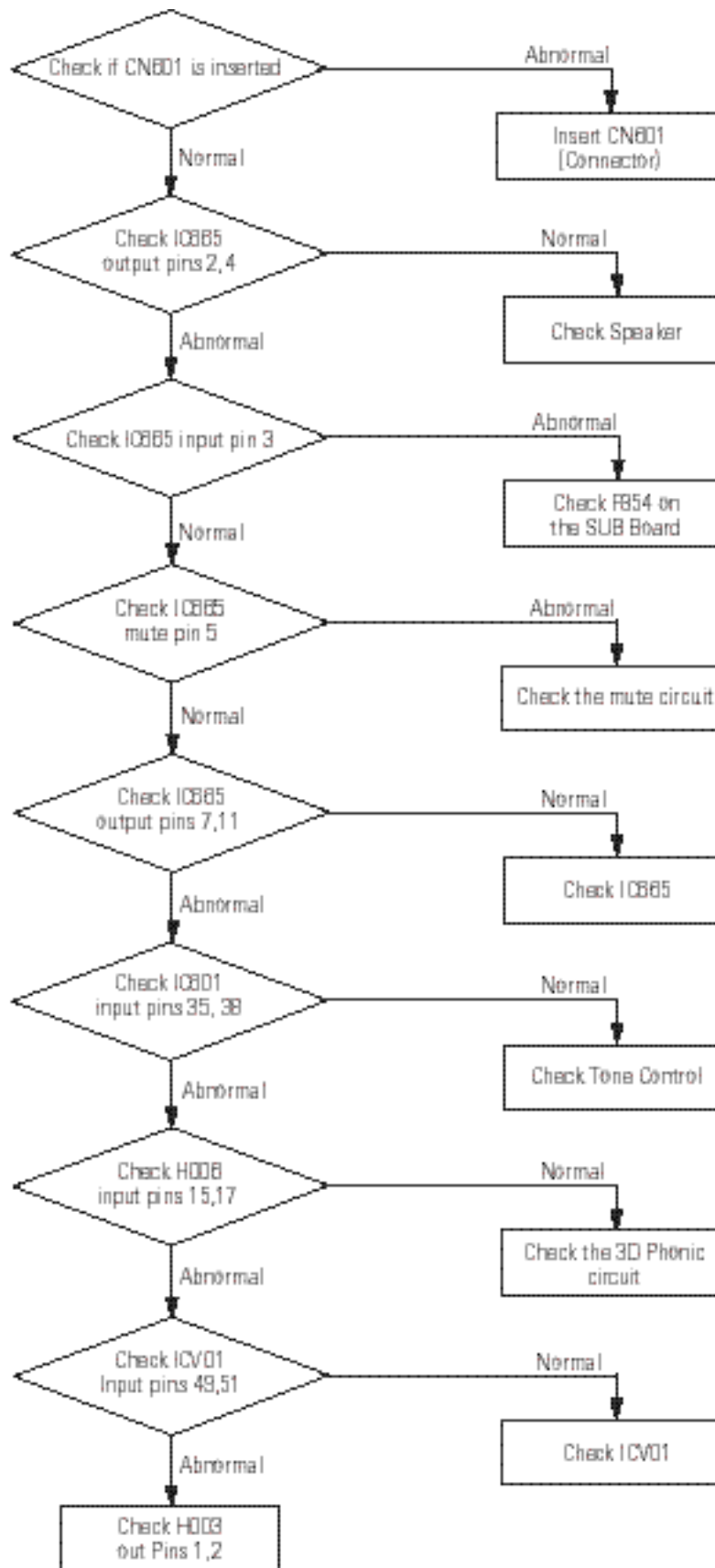
MEMO

5. Troubleshooting

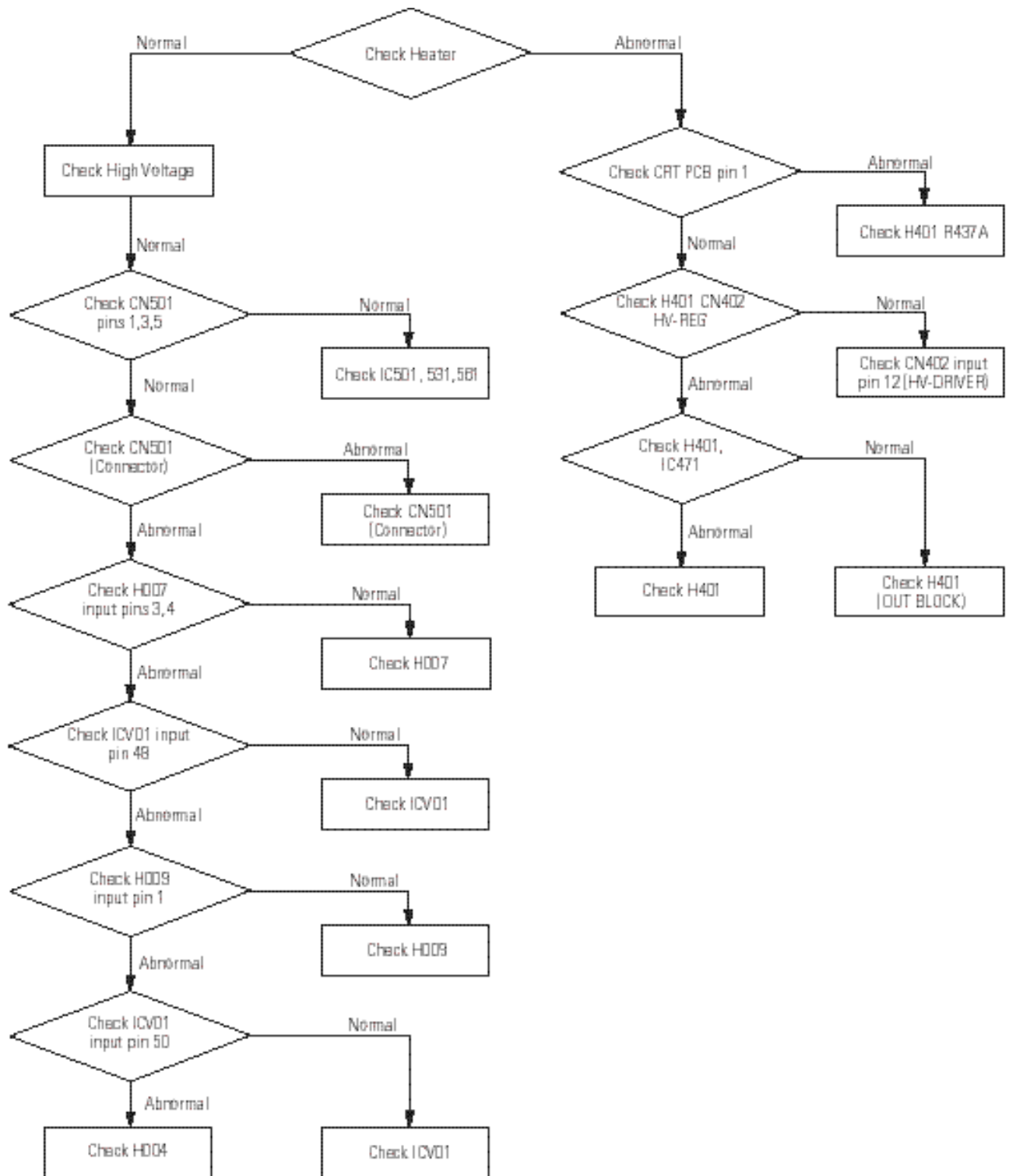
5-1 Convergence Misaligned



5-2 No Sound



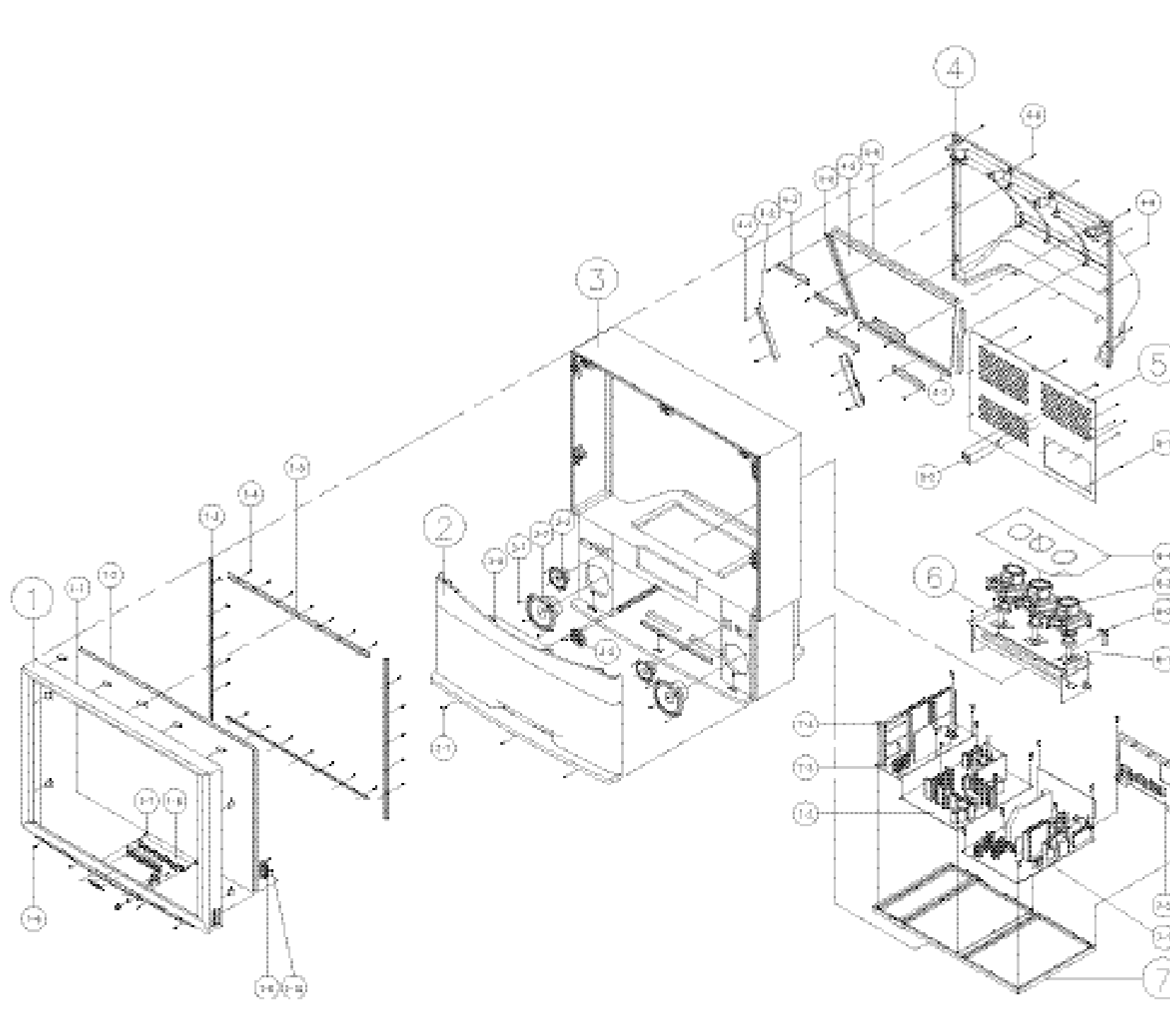
5-3 No Raster (Sound OK)



MEMO

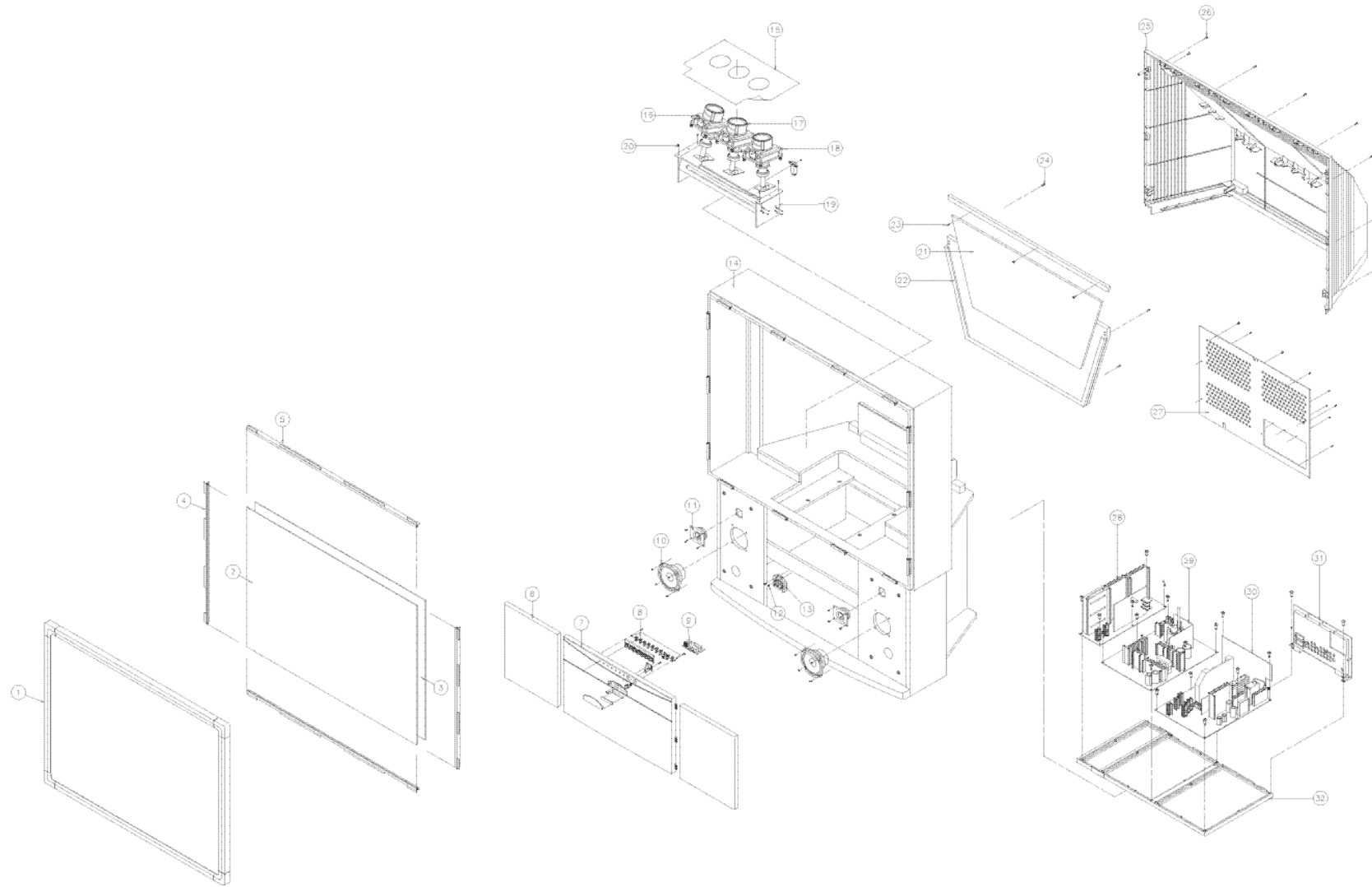
6. Exploded View & Parts List

6-1 PCJ522R



No.	DESCRIPTION	CODE - NO	SPECIFICATION	Q'TY
1	ASSY-CABINET,FRONT	AA91-10419M	HIPS HB BLK	1
1-1	SUN-SCREEN	AA67-70048A	52 PMMA	1
1-2	SCREEN-TINT	AA67-70065A	52 DNP	1
1-3	HOLDER-SCREEN	AA61-00081B	A6063 EXTR. L754	2
1-4	SCREW-TAPTITE	AA60-10011A	HH + M4 L12 ZPC	24
1-5	HOLDER-SCREEN	AA61-00081C	A6063 EXTR. L1052	2
1-6	SCREW-WOOD	AA60-10050W	W/H + M4 L20 ZPC	4
1-7	SCREW-TAPPING	AA60-10002A	RH + M4 L12 ZPC OD14	2
1-8	ASSY-PCB,CONTROL	AA95-00265B	P51A	1
1-9	ASSY-PCB,A/V FRONT	AA95-00290C	P51A	1
1-10	SCREW-TAPTITE	AA60-10011A	HH + M4 L12 ZPC	2
2	CABINET-FRONT,BOTTOM	AA64-31357A	ABS V0 BLK	1
2-1	SCREW-TAPTITE	AA60-10011A	HH + M4 L12 ZPC	3
3	ASSY-CABINET,MID	AA91-00205A	WOOD	1
3-1	SCREW-WOOD	AA60-10051A	PH + M4 L16 ZPC	24
3-2	SPEAKER	3001-001107	20W 8ohm 95+-2DB	2
3-3	SPEAKER	3001-000176	30W 8ohm 93+-2DB	2
3-4	SCREW-WOOD	AA60-10050W	W/H + M4 L20 ZPC	2
3-5	MODULE-FOCUS,PACK	AA59-40003P	F300,NTSC,43,64x62,	1
4	CABINET-BACK,TOP	AA64-30714A	HIPS HB BLK	1
4-1	SCREW-TAPTITE	6003-001026	RH + M4 L15 ZPC	16
4-2	BRACKET-MIRROR,C	AA61-10242A	SECC T1.0	2
4-3	BRACKET-MIRROR	AA61-10361A	SECC T1.0	5
4-4	SPACER-MIRROR	AA63-00021G	PVC BLK L420	2
4-5	MIRROR-BACK SURFACE	AA67-20026A	52 GLASS T3	1
4-6	SPACER-MIRROR	AA63-00021G	PVC BLK L970	1
4-7	SPACER-MIRROR	AA63-00021G	PVC BLK L680	1
4-8	SCREW-WOOD	AA60-10050W	W/H + M4 L20 ZPC	8
5	CABINET-BACK,BOARD	AA64-00501A	HIPS V0 BLK	1
5-1	SCREW-WOOD	AA60-10050W	W/H + M4 L20 ZPC	14
5-2	LABEL-WARNING	AA68-00233A	A/P 90(G)	1
6	ASSY-BRACKET,MAIN	AA91-00241A	SECC T1.6	1
6-1	SCREW-ASSY	AA60-10001A	WP + M6 L20 SCM30C	4
6-2	SCREW-TAPTITE	AA60-10011A	HH + M4 L12 ZPC	1
6-3	ASSY-CRT(R)	AA94-01640A	P16LNM07RJA,+380MG,7,BARE	1
6-3	ASSY-CRT(G)	AA94-01641A	P16LNM07HKA,+380MG,7,BARE	1
6-3	ASSY-CRT(B)	AA94-01642A	P16LNM07BMB,+380MG,7,BARE,	1
6-4	SPACER-COVER,DUST	AA60-00027A	SPONGE T2	1
7	HOLDER-CHASSIS	AA61-00051B	ABS V0 GRAY	1
7-1	ASSY-PCB,MAIN(OPT)	AA94-01636A	PCJ522RX/XAA,P51A,U.S	1
7-2	ASSY-PCB,SUB	AA94-01636A	PCJ522RX/XAA,P51A,U.S	1
7-3	ASSY-CONV.AMP	AA95-00055E	P51A	1
7-4	SCREW-TAPPING	6003-001023	RWH + B M3 L10 ZPC	21
7-5	ASSY-TERMINAL,BOARD	AA91-00158H	HIPS V0 VLK	1

6-2 PCJ612R



No.	DESCRIPTION	CODE - NO	SPECIFICATION	Q'TY
1	ASS'Y-CABINET,MASK	AA91-00140E	HB BLK SEA PCJ612R	1
2	SUN-SCREEN	AA67-70057A	61' DNP 1283*973	1
3	SCREEN-TINT	AA67-70056A	61' DNP 1283*973	1
4	HOLDER-SCREEN	AA61-00079C	PCJ613R ABS HB BLK L945	2
5	HOLDER-SCREEN	AA61-00079B	PCJ613R ABS HB BLK L1255	2
6	COVER-FRONT,WOOD	AA63-00183A	WOOD 612R	2
7	ASS'Y-CABINET,BOT	AA91-00014G	VO DG707M ALL PCJ612R	1
8	ASSY-PCB,CONTROL	AA95-00265B	P51A	1
9	ASSY-PCB,A/V FRONT	AA95-00290L	P51A	1
10	SPEAKER	3001-001107	20W 8ohm 95+-2DB	1
11	SPEAKER	3001-000176	30W 8ohm 93+-2DB	1
12	SCREW-TAPTITE	6003-001023	RWH + M3 L10 ZPC(YEL)	2
13	MODULE FOCUS-PACK	AA59-40003P	F300,NTSC,43.64X62,BK	1
14	ASS'Y-CABINET,MIDDLE	AA91-00207A	WOOD PCJ612R	1
15	SPACER-COVER,DUST	AA60-00027B	SPONGE T2.0 612R	1
16	ASSY-CRT(R)	AA94-01676A	P16LNM07RJA,+380MG,7,BARE,	1
17	ASSY-CRT(G)	AA94-01677A	P16LNM07HKA,+380MG,7,BARE,	1
18	ASSY-CRT(B)	AA94-01678A	P16LNM07BMB,+380MG,7,BARE	1
19	ASS'Y-BRACKET,MAIN	AA91-00241A	SECC T1.6 7 53J5	1
20	SCREW-TAPTITE	AA60-10011A	PC M4 L12 ZPC(BLK)	8
21	MIRROR-BACK	AA67-00020A	GLASS T3.0 1160*754*806	1
22	COVER-MIRROR,WOOD	AA63-00082A	PCH613R WOOD	1
23	SCREW-WOOD	AA60-10050W	10/H M4 L20 ZPC(BLK)	1
24	SCREW-WOOD	6005-001001	TH M4 L28 BLK SWRCH 18A	1
25	CABINET-BACK,TOP	AA4-31213B	HIPS HB BLK	1
26	SCREW-WOOD	AA60-10050W	W/H M4 20 ZPC(BLK)	13
27	CABINET-BACK,BOARD	AA64-00625A	HIPS VO BLK T3.0	1
28	ASSY-CONV,AMP	AA95-00055E	P51A	1
29	ASSY-SUB	AA95-00053F	P51A	1
30	ASSY-MAIN	AA95-00055E	P51A	1
31	ASS'Y-TERMINAL,BOARD	AA91-00158H	HIPS VO BLK PCJ612R	1
32	HOLDER-CHASSIS	AA61-00051B	ABS VO GRAY E2	1

7. Electrical Parts List

7-1 PCJ612RX/XAA (PCJ522RX/XAA and PCJ612RX/XAA Dissimilar Parts)

Loc. No.	Code No.	Description ; Specification	Remark	Loc. No.	Code No.	Description ; Specification	Remark	
ASSY-CABINET				ASSY-CABINET,MIDDLE				
		*AA90-00186ASSY-CABINET;612R,PCJ612RX/XAA				* AA91-00207AASSY-CABINET,MIDDLE;-WOOD,-PCJ612R		
SPC	AA60-00027	BSPACER-COVER,DUST:SPONGE,T2.0,-,612R,-		AL	2401-003493	C-AL:1.75uF,10%,100V,BP,BK,10x13mm,5		
HDR	AA61-00079	BHOLDER-SCREEN:-,PCJ613R,ABS,HB,BLK,L1255		BCKT	AA61-10247	ABRACKET-FOCUS:-,S46DS,SECC,T1.0,-,-		
HDR	AA61-00079	BHOLDER-SCREEN:-,PCJ613R,ABS,HB,BLK,L945		BF+CM	AA60-10051	ASCREW-WOOD:PH,+M4,L16,ZPC(BLK),SWRCH18A,		
COVM	AA63-00082	ACOVER-MIRROR,WOOD:-,PCJ613R,-,WOOD,-,-,-,-		CABMID	AA64-00514	ACABINET-MIDDLE:-,PCJ612R,-,WOOD,-,BLK,-,-		
COVF	AA63-00183	ACOVER-FRONT,WOOD:-,PCJ612R,JERSEY,WOOD,-,-,-,-		CABMID	3001-000153	SPEAKER:20W,8ohm,93dB,1.3KHz		
SPA	AA63-60131	ESPACER-FELT:FELT,T0.5,BLK,520X200,PCJ612R,-		CABMID	3001-000176	SPEAKER:30W,80HM,93DB+-2DB,65HZ		
BACK	AA64-00625	ACABINET-BACK,BOARD:-,613R,-,HIPS,V0,BLK,T3.0,-		CABMID	AA61-00030	ACASTER:SVP-614JM,POLYURETHANE,-,50,23,-,H63,-		
BACK	AA64-31213	BCABINET-BACK,TOP:-,555J,-,HIPS,HB,BLK,-,-		CABMID	AA61-00080	BHOLDER-MASK:-,PCJ613R,ABS,HB,NTR,L80		
MIRB	AA67-00020	AMIRROR-BACK:613,GLASS,T3.0,-,-,1160*754*806,BSM,-		CABMID	AA63-00105	ASPACER-FELT:FELT,T2.0,BLK,32X878,PCJ613R,-		
SUN	AA67-00022	ASUN-SCREEN:-,61,H/C,A/S,PMMA,T=82%,T2.0,1283*973,-		CABMID	AA63-00105	BSPACER-FELT:FELT,T2.0,BLK,32X1211,PCJ613R,-		
SCRN	AA67-70056	ASCREEN-TINT:0.515,61',DNP,896-985,TINT10%,2.7,1283*973,		HDRP	AA61-00146	AHOLDER-PIN,LOCKER:-,PRJT,ABS,HB,BLK,WOOD		
AC+BCM	AA60-10011	ASCREW-TAPTITE:HH,+PC,M4,L12,ZPC(BLK),SWRCH1		LEAD	AA39-20609	ALEAD CONNECTOR-ASSY:-,SMH250-02,REC,2P,400mm,1007#		
ACB+CM	AA60-10050	SCREW-WOOD:W/H,+M4,20,ZPC(BLK),SWRCH18A,		SPA	AA63-00066	BSPACER-DUAL,LOCK:#250,-,-,11X25,PROJECTION,-		
AV+CFB	AA60-10002	ASCREW-TAPPING:RH,+M4,L12,ZPC(YEL)-,OD14		SPAF	AA63-60126	ASPACER-FELT:FELT,T2,BLK,1160X15,PRJT43,52,		
BCM	AA63-60040	BSPACER-DIECAST:PU,-,-,225X23,S4388,-		SPAF	AA63-60126	DSPACER-FELT:FELT,T2,-,400X15,PRJ61,-		
BCM+CM	AA60-00015	ASCREW-ASSY:-,WP,-,M8,L25,SCM30C,-,-		SPK	AA39-20505	RLEAD CONNECTOR-ASSY:-,YSH250-04,REC,4P,1400,900,1007#22		
CMW	AA60-10050	SCREW-WOOD:W/H,+M4,20,ZPC(BLK),SWRCH18A,		ASSY-CRT-(R)				
CMW+CM	6005-001001	SCREW-WOOD:TH,+M4,L28,BLK,SWRCH18A				* AA94-01676AASSY-CRT-(R);P16LNM07RJA,+380MG,7,BARE,PCJ612R,-		
CP+CFB	AA60-10002	ASCREW-TAPPING:RH,+M4,L12,ZPC(YEL)-,OD14		LENS	AA67-10066	ALENS-ASSY:DELTA 37,-,-,CLEAR A/B,-,-,-		
FP+BF	6003-001023	SCREW-TAPTITE:RWH,+B,M3,L10,ZPC(YEL),SWRCH1		ASSY-CRT-(G)				
HC+CM	AA60-10050	SCREW-WOOD:W/H,+M4,20,ZPC(BLK),SWRCH18A,				* AA94-01677AASSY-CRT-(G);P16LNM07HKA,+380MG,7,BARE,PCJ612R,-		
HS+CM	AA60-00021	ASCREW-WOOD:RH,+M3.5,L22,ZPC(BLK),SWRCH18,-		LENS	AA67-10066	ALENS-ASSY:DELTA 37,-,-,CLEAR A/B,-,-,-		
HSS+CM	AA60-00021	ASCREW-WOOD:RH,+M3.5,L22,ZPC(BLK),SWRCH18,-		ASSY-CRT-(B)				
HV+BCM	6003-001024	SCREW-TAPTITE:RWH,+B,M4,L12,ZPC(YEL),SWRCH1				* AA94-01678AASSY-CRT-(B);P16LNM07BMB,+380MG,7,BARE,PCJ612R,-		
RNGBCM	6003-001024	SCREW-TAPTITE:RWH,+B,M4,L12,ZPC(YEL),SWRCH1		LENS	AA67-10066	ALENS-ASSY:DELTA 37,-,-,CLEAR A/B,-,-,-		
TBACBW	6003-001024	SCREW-TAPTITE:RWH,+B,M4,L12,ZPC(YEL),SWRCH1		ASSY-PCB,CRT				
VBW+CM	AA60-10050	SCREW-WOOD:W/H,+M4,20,ZPC(BLK),SWRCH18A,				* AA95-00344DASSY-PCB,CRT:-,P51A,-,USA,PCJ612R		
ASSY-CABINET,BOT						BDW-GND	AA39-20009	KLEAD CONNECTOR-ASSY:-,YFH800-01,-,1P,1617#22,1000MM
		* AA91-00014	GASSY-CABINET,BOT:-,V0,DG707M ALL,PCJ612R			CNW401	AA39-20027	DLEAD-CONNECTOR,ASSY:-,67096-006,S,6P,600,1007#26
BADGE	AA64-00406	EADGE-BRAND:AL,DG-707M SAMSUNG,SILVER,72,FORG				CNW501	AA39-20030	DLEAD-CONNECTOR,ASSY:-,67096-008,S,8P,600,1007#26
		ING,-,-				GDW-GND	AA39-20009	GLEAD-CONNECTOR,ASSY:-,YFH800-01,-,1P,700,1617#22
CAFRBOT	AA61-30001	ALATCH-DOOR:-,-,KIFUCO LA701,-				RDW-GND	AA39-20009	CLEAD CONNECTOR-ASSY:-,YFH800-01,-,1P,400,1617#22
CAFRBOT	AA61-60005	ASPRING-CS:-,SUS304,0.6,OD10.7,H10,N4,-,-		ASSY-CABINET,MASK				
CAFRBOT	AA64-10764	BKNOB-CONTROL:-,-,CHAMPAINE GOLD+UV,ABS,HB,NTR						
CAFRBOT	AA64-40494	AWINDOW-REMOCON:-,SVP-434J,-,PC,-,VIOLET,-						
DOOR	AA64-00090	DDOOR-A/V:-,PCJ612R,DG707M ALL,ABS,HB,BLK,-,-						
FRONT	AA64-00088	JCABINET-FRONT,BOT:-,PCJ612R,DG707M						
		SEA,SECA,HIPS,V0,BLK,-,-						
KC+CFB	6003-001022	SCREW-TAPTITE:RH,+B,M3,L12,ZPC(BLK),SWRCH18						
LAB	AA68-00046	CLABEL-DOOR,A,V:TETRON MAT P,E,PCJ533R,P51A EL,-,-,-						
WIN	AA64-40493	AINDICATOR-LED:-,SVP-434JA,-,ABS,-,CLR,-						
WR+CFB	6003-001022	SCREW-TAPTITE:RH,+B,M3,L12,ZPC(BLK),SWRCH18						
ASSY-CABINET,MASK								
		* AA91-00140	EASSY-CABINET,MASK:-,HB,BLK,DG902+BK901					
		SEA,PCJ612R						
FRONT	AA64-00257	BCABINET-FRONT,MASK:-,PCJ613R,L1251,ABS,HB,BLK,-,-						
FRONT	AA64-00257	CCABINET-FRONT,SIDE:-,PCJ613R,L941,ABS,HB,BLK,-,-						
HDRC	AA61-00078	BHOLDER-CORNER:-,PCJ613R,ABS,HB,BLK,-						
SPA	AA63-00063	ASPACER-DUAL,LOCK:#400,-,-,19X19,SVP-614J,-						

7-2 PCJ522RX/XAC (PCJ522RX/XAA and PCJ522RX/XAC Dissimilar Parts)

Loc. No.	Code No.	Description : Specification	Remark	Loc. No.	Code No.	Description : Specification	Remark
ASSY-CABINET,FRONT				ASSY-ACCESSORY			
	* AA91-00251A	ASSY-CABINET,FRONT:-,524J,D703+B702 COMPAC,HB,BLK			* AA94-01639A	ASSY-ACCESSORY:PCJ522RX/XAC,P51A,CANADA,SECA	
	CMPRTV	FRONTTOPAA64-31356NCABINET-FRONT, TOP:-,524J,D703+B702 C/THEATRE,HIPS,HB,BLK,-,-		CMPRTV	IBAA68-00533A	MANUAL-USERS-P51A,W/P100(G):-,FRE,-,-,B5,-,-	

7-3 PCJ612RX/XAC (PCJ522RX/XAA and PCJ612RX/XAC Dissimilar Parts)

Loc. No.	Code No.	Description : Specification	Remark	Loc. No.	Code No.	Description : Specification	Remark
ASSY-CABINET				ASSY-CABINET,MASK			
	* AA90-00186A	ASSY-CABINET:612R,PCJ612RX/XAC			* AA91-00140D	ASSY-CABINET,MASK:-,HB,BLK,DG902+BK901 SECA,PCJ612R	
AC+BCM	AA60-10011A	SCREW-TAPTITE:HH,+PC,M4,L12,ZPC(BLK),SWRCH1		FRONT	AA64-00257B	CABINET-FRONT,MASK:-,PCJ613R,L1251,ABS,HB,BLK,-,-	
ACB+CM	AA60-10050W	SCREW-WOOD:W/H,+M4,20,ZPC(BLK),SWRCH18A,		FRONT	AA64-00257C	CABINET-FRONT,SIDE:-,PCJ613R,L941,ABS,HB,BLK,-,-	
AP2273	AA68-50509A	LABEL-BOX:A/P 90(G),ALL MODEL:-,WHT,L250		HDR	AA61-00078B	HOLDER-CORNER:-,PCJ613R,ABS,HB,BLK,-	
AV+CFB	AA60-10002A	SCREW-TAPPING:RH,+M4,L12,ZPC(YEL):-,OD14		SPA	AA63-00063A	SPACER-DUAL,LOCK:#400,-,-,19X19,SVP-614J,-	
BACK	AA64-00625A	CABINET-BACK,BOARD:-,613R,-,HIPS,V0,BLK,T3.0,-					
BACK	AA64-31213B	CABINET-BACK, TOP:-,555J,-,HIPS,HB,BLK,-,-					
BCM	AA63-60040B	SPACER-DIECAST:PU,-,-,225X23,S4388,-					
BCM+CM	AA60-00015A	SCREW-ASSY:-,VP,-,M8,L25,SCM30C,-,-					
CMW	AA60-10050W	SCREW-WOOD:W/H,+M4,20,ZPC(BLK),SWRCH18A,					
CMW+CM	6005-001001	SCREW-WOOD:TH,+M4,L28,BLK,SWRCH18A					
COVERF	AA63-00183A	COVER-FRONT,WOOD:-,PCJ612R,JERSEY,WOOD,-,-,-,-					
COVERM	AA63-00082A	COVER-MIRROR,WOOD:-,PCJ613R,-,WOOD,-,-,-,-					
CP+CFB	AA60-10002A	SCREW-TAPPING:RH,+M4,L12,ZPC(YEL):-,OD14					
FP+BF	6003-001023	SCREW-TAPTITE:RWH,+B,M3,L10,ZPC(YEL),SWRCH1					
HC+CM	AA60-10050W	SCREW-WOOD:W/H,+M4,20,ZPC(BLK),SWRCH18A,					
HDRS	AA61-00079B	HOLDER-SCREEN:-,PCJ613R,ABS,HB,BLK,L1255					
HDRS	AA61-00079C	HOLDER-SCREEN:-,PCJ613R,ABS,HB,BLK,L1945					
HS+CM	AA60-00021A	SCREW-WOOD:RH,+M3.5,L22,ZPC(BLK),SWRCH18,-					
HSS+CM	AA60-00021A	SCREW-WOOD:RH,+M3.5,L22,ZPC(BLK),SWRCH18,-					
HV+BCM	6003-001024	SCREW-TAPTITE:RWH,+B,M4,L12,ZPC(YEL),SWRCH1					
MIRB	AA67-00020A	MIRROR-BACK:613, GLASS,T3.0,-,-,1160*754*806,BSM,-					
RNGBCM	6003-001024	SCREW-TAPTITE:RWH,+B,M4,L12,ZPC(YEL),SWRCH1					
SCRT	AA67-70056A	SCREEN-TINT:0.515,61*,DNP,89%- 985,TINT10%,2.7,1283*973,					
SPA	AA60-00027B	SPACER-COVER,DUST:SPONGE,T2.0,-,-,612R,-					
SPA	AA63-60131E	SPACER-FELT:FELT,TO.5,BLK,520X200,PCJ612R,-					
SUN	AA67-00022A	SUN-SCREEN:-,61,H/C,A/S,PMMA,T=82%,T2.0,1283*973,-					
TBACBW	6003-001024	SCREW-TAPTITE:RWH,+B,M4,L12,ZPC(YEL),SWRCH1					
VBW+CM	AA60-10050W	SCREW-WOOD:W/H,+M4,20,ZPC(BLK),SWRCH18A,					

Loc. No.	Code No.	Description : Specification	Remark	Loc. No.	Code No.	Description : Specification	Remark
ASSY-CABINET,BOT				ASSY-ACCESSORY			
	* AA91-00014G	ASSY-CABINET,BOT:-,V0,DG707M ALL,PCJ612R			* AA94-01639A	ASSY-ACCESSORY:PCJ522RX/XAC,P51A,CANADA,SECA	
BADGE	AA64-00406E	BADGE-BRAND:AL,DG-707M SAMSUNG,SILVER,72,FORG ING,-,-		IB	AA68-00533A	MANUAL-USERS:P51A,W/P100(G):-,FRE,-,-,B5,-,-	
CAFRBOT	AA61-30001A	LATCH-DOOR:-,-,KIFUCO LA701,-					
CAFRBOT	AA61-60005A	SPRING-CS:-,SUS304,0.6,OD10.7,H10,N4,-,-					
CAFRBOT	AA64-10764B	KNOB-CONTROL:-,-,CHAMPAIN GOLD+UV,ABS,HB,NTR					
CAFRBOT	AA64-40494A	WINDOW-REMOCON:-,SVP-434J,-,PC,-,VIOLET,-					
DOORAV	AA64-00090D	DOOR-A/V:-,PCJ612R,DG707M ALL,ABS,HB,BLK,-,-					
FRONT	AA64-00088J	CABINET-FRONT,BOT:-,PCJ612R,DG707M SEA,SECA,HIPS,V0,BLK,-,-					
KC+CFB	6003-001022	SCREW-TAPTITE:RH,+B,M3,L12,ZPC(BLK),SWRCH18					
LABEL	AA68-00046C	LABEL-DOOR,A/V:TETRON MAT P.E,PCJ533R,P51A EL,-,-,-					
WIN	AA64-40493A	INDICATOR-LED:-,SVP-434JA,-,ABS,-,CLR,-					
WR+CFB	6003-001022	SCREW-TAPTITE:RH,+B,M3,L12,ZPC(BLK),SWRCH18					

Loc. No.	Code No.	Description : Specification	Remark	Loc. No.	Code No.	Description : Specification	Remark
ASSY-CRT-(B)				CNW401	AA39-20027DLEAD-CONNECTOR,ASSY;-	.67096-006,S,6P,600,1007#26	
* AA94-01678AASSY-CRT-(B);P16LNM07BMB,+380MG,7,BARE,PCJ612R,-				CNW501	AA39-20030DLEAD-CONNECTOR,ASSY;-	.67096-008,S,8P,600,1007#26	
LENS	AA67-10066ALENS-ASSY:DELTA 37,-,-,CLEAR A/B,-,-,-			GDW-GND	AA39-20009GLEAD-CONNECTOR,ASSY;-	YFH800-01,-,1P,700,1617#22	
ASSY-PCB,CRT				RDW-GND	AA39-20009CLEAD CONNECTOR,ASSY;-	YFH800-01,-,1P,400,1617#22	
* AA95-00344DASSY-PCB,CRT;-P51A,-,USA,PCJ612R							
BDW-GND	AA39-20009KLEAD CONNECTOR,ASSY;-	YFH800-01,-,1P,1617#22,1000MM					

7-4 PCJ522RX/XAA

Loc. No.	Code No.	Description : Specification	Remark	Loc. No.	Code No.	Description : Specification	Remark
ASSY-PCB,MAIN(OPT)				C538	2401-001840	C-AL:100uF,20%,16V,GP,TP,6.3x11,5	
* AA94-01636AASSY-PCB,MAIN(OPT);PCJ522RX/XAA,P51A,U,S				C539	2401-001840	C-AL:100uF,20%,16V,GP,TP,6.3x11,5	
C101	2201-000144	C-CERAMIC,DISC:100pF,5%,50V,CH,TP,8x3,5		C540	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP,7.5x4.0x5.0mm	
C102	2201-000144	C-CERAMIC,DISC:100pF,5%,50V,CH,TP,8x3,5		C543	2201-000144	C-CERAMIC,DISC:100pF,5%,50V,CH,TP,8x3,5	
C103	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,		C544	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11,5	
C104	2401-001363	C-AL:470uF,20%,16V,GP,TP,10x12.5,5		C545	2201-000573	C-CERAMIC,DISC:47pF,5%,50V,CH,TP,6.5x3.0	
C105	2401-002619	C-AL:47uF,20%,25V,GP,TP,5x11,5		C547	2201-000573	C-CERAMIC,DISC:47pF,5%,50V,CH,TP,6.5x3.0	
C106	2201-000144	C-CERAMIC,DISC:100pF,5%,50V,CH,TP,8x3,5		C549	2401-002594	C-AL:220uF,20%,16V,GP,TP,8x11.5,5	
C107	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP,7.5x4.0x5.0mm		C550	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,	
C108	2201-000144	C-CERAMIC,DISC:100pF,5%,50V,CH,TP,8x3,5		C551	2401-000360	C-AL:100uF,20%,50V,GP,TP,8x11.5,5	
C109	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,		C552	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,	
C110	2401-001363	C-AL:470uF,20%,16V,GP,TP,10x12.5,5		C639	2401-002009	C-AL:100uF,20%,16V,GP,TP,6.3x7,5	
C112	2201-000144	C-CERAMIC,DISC:100pF,5%,50V,CH,TP,8x3,5		C640	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,	
C113	2401-002009	C-AL:100uF,20%,16V,GP,TP,6.3x7,5		C664	2401-001068	C-AL:3300uF,20%,50V,GP,BK,22x40,10	
C114	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,		C665	2401-000737	C-AL:2200uF,20%,50V,GP,TP,18x35.5,7,5	
C116	2401-000603	C-AL:1uF,20%,50V,GP,TP,5x11,5		C666	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP,7.5x4.0x5.0mm	
C117	2301-000310	C-FILM,PEF:68nF,5%,50V,TP,8.0x8.5x4.0x5,		C667	2401-000603	C-AL:1uF,20%,50V,GP,TP,5x11,5	
C118	2201-000180	C-CERAMIC,DISC:10nF,10%,50V,Y5V,TP,6.5*3		C668	2401-000603	C-AL:1uF,20%,50V,GP,TP,5x11,5	
C119	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP,7.5x4.0x5.0mm		C669	2401-000962	C-AL:22uF,20%,50V,GP,TP,5x11,5	
C121	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP,7.5x4.0x5.0mm		C670	2401-000603	C-AL:1uF,20%,50V,GP,TP,5x11,5	
C125	2401-000603	C-AL:1uF,20%,50V,GP,TP,5x11,5		C671	2401-001537	C-AL:47uF,20%,25V,GP,TP,6.3x7mm,5mm	
C126	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,		C672	2401-000360	C-AL:100uF,20%,50V,GP,TP,8x11.5,5	
C129	2201-000144	C-CERAMIC,DISC:100pF,5%,50V,CH,TP,8x3,5		C676	2401-001192	C-AL:33uF,20%,50V,GP,TP,6.3x11,5	
C130	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,		C686	2301-000192	C-FILM,PEF:1nF,5%,50V,TP,5.3x10mm,5mm	
C132	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP,7.5x4.0x5.0mm		C687	2301-000192	C-FILM,PEF:1nF,5%,50V,TP,5.3x10mm,5mm	
C133	2401-001363	C-AL:470uF,20%,16V,GP,TP,10x12.5,5		C688	2401-000192	C-AL:1000uF,20%,50V,GP,TP,16x25,7,5	
C180	2401-000603	C-AL:1uF,20%,50V,GP,TP,5x11,5		C689	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP,7.5x4.0x5.0mm	
C185	2401-001363	C-AL:470uF,20%,16V,GP,TP,10x12.5,5		C690	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP,7.5x4.0x5.0mm	
C191	2401-002619	C-AL:47uF,20%,25V,GP,TP,5x11,5		C691	2401-000192	C-AL:1000uF,20%,50V,GP,TP,16x25,7,5	
C193	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,		C701	2401-000027	C-AL:4.7uF,20%,50V,GP,TP,5x11,5	
C195	2401-002619	C-AL:47uF,20%,25V,GP,TP,5x11,5		C801	2401-002300	C-AL:47uF,20%,50V,GP,TP,6.3x11,5	
C501	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP,7.5x4.0x5.0mm		C901	2201-000292	C-CERAMIC,DISC:1nF,10%,50V,Y5P,TP,5x3,5	
C502	2401-001397	C-AL:470uF,20%,25V,GP,TP,10x16,5		C904	2202-002037	C-CERAMIC,MLC-AXIAL:100nF,80-20%,50V,Y5V	
C503	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP,7.5x4.0x5.0mm		C905	2401-001496	C-AL:47uF,20%,16V,GP,TP,5x7,5	
C504	2401-000832	C-AL:220uF,20%,25V,GP,TP,8x11.5,5		C906	2305-000149	C-FILM,MPEF:100nF,5%,100V,TP,12x12.5x6.5	
C505	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP,7.5x4.0x5.0mm		C907	2301-000111	C-FILM,PEF:1.8nF,5%,50V,TP,6.5x3.0x5.5mm	
C506	2401-002594	C-AL:220uF,20%,16V,GP,TP,8x11.5,5		C908	2201-000292	C-CERAMIC,DISC:1nF,10%,50V,Y5P,TP,5x3,5	
C507	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP,7.5x4.0x5.0mm		C909	2201-000292	C-CERAMIC,DISC:1nF,10%,50V,Y5P,TP,5x3,5	
C508	2401-002286	C-AL:470uF,20%,16V,WT,TP,10x12.5,5		C910	2201-000292	C-CERAMIC,DISC:1nF,10%,50V,Y5P,TP,5x3,5	
C513	2401-002594	C-AL:220uF,20%,16V,GP,TP,8x11.5,5		C911	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,	
C514	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP,7.5x4.0x5.0mm		C912	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,	
C515	2201-000573	C-CERAMIC,DISC:47pF,5%,50V,CH,TP,6.5x3.0		C913	2201-000193	C-CERAMIC,DISC:10pF,0.3pF,50V,CH,TP,5x3,	
C516	2201-000573	C-CERAMIC,DISC:47pF,5%,50V,CH,TP,6.5x3.0		C914	2201-000573	C-CERAMIC,DISC:47pF,5%,50V,CH,TP,6.5x3.0	
C517	2401-002594	C-AL:220uF,20%,16V,GP,TP,8x11.5,5		C915	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,	
C518	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP,7.5x4.0x5.0mm		C916	2401-002042	C-AL:220uF,20%,10V,GP,TP,6.3x11,5	
C519	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP,7.5x4.0x5.0mm		C917	2401-002144	C-AL:47uF,20%,16V,GP,TP,5x11,5	
C520	2401-002594	C-AL:220uF,20%,16V,GP,TP,8x11.5,5		C918	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,	
C521	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP,7.5x4.0x5.0mm		C919	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5	
C522	2401-002286	C-AL:470uF,20%,16V,WT,TP,10x12.5,5		C920	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,	
C537	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP,7.5x4.0x5.0mm		C925	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,	
				C926	2401-000480	C-AL:10uF,20%,50V,GP,TP,5x11,5	
				CLAMPF	AA65-30109ACLAMP-FBT-NYLON-66,V2,BLK,-,-,-		
				CLAMPW	AA65-30105BCLAMP-WIRE-NYLON 66,V2,NTR,25MM,ALL MODE		

Loc. No.	Code No.	Description : Specification	Remark
ASSY-CHASSIS,PART			
* AA90-30220F ASSY-CHASSIS,PART:P51A,PCJ522R			
CON+HC	6003-001023	SCREW-TAPTITE:RWH,+B,M3,L10,ZPC(YEL),SW	
DF+FBT	6003-001023	SCREW-TAPTITE:RWH,+B,M3,L10,ZPC(YEL),SW	
DF+HC	6003-001023	SCREW-TAPTITE:RWH,+B,M3,L10,ZPC(YEL),SW	
HDRC	AA61-00051BHOLDER-CHASSIS-;	PCJ533R,ABS,VO,GRAY,E-2	
HV	AA61-10149ABRACKET-HV-;	S4388,SECC,T1.0,-,-,-	
HV+BH	6003-001023	SCREW-TAPTITE:RWH,+B,M3,L10,ZPC(YEL),SW	
PM+HC	6003-001023	SCREW-TAPTITE:RWH,+B,M3,L10,ZPC(YEL),SW	
TBA+AV	6002-000522	SCREW-TAPPING:TH,+2,M4,L15,ZPC(BLK),SWR	
TBA+HC	6003-001023	SCREW-TAPTITE:RWH,+B,M3,L10,ZPC(YEL),SW	

ASSY-CABINET,FRONT

* AA90-70139V ASSY-CABINET:524J,PCJ522RX/XAA			
* AA91-10419M ASSY-CABINET,FRONT;-;			
ABCKET	AA91-00241A	ASSY-BRACKET,MAIN;-;	SECC T1.6 7.53J5
AV+CFT	AA60-10011A	ASCREW-TAPTITE:HH,+PC,M4,L12,ZPC(BLK),SW	
BACKT	AA64-30714A	CABINET-BACK, TOP;-;	HIPS,HB,-,BLK,-,SVP52
BACKW	AA64-00501A	CABINET-BACK,WOOD;-;	PCJ522R,HARD BOARD,H
BADGE	AA64-00406A	BADGE-BRAND,AL FORGING,SAMSUNG,DG-703P,S	
BCKETM	AA61-10242A	BRACKET-MIRROR,C;-;	S5288,SECC-1,T1.0,-,-
BCKETM	AA61-10361A	BRACKET-MIRROR;-;	S5288,SECC-1,T1.0,-,-,-
BCKETM	AA61-00153B	BRACKET-MAIN,SIDE;-;	7 PROJECTION,SECC,-
BCKTM	AA61-00152B	BRACKET-MAIN,MID;-;	7 PROJECTION,SECC,-
BCM+CM	AA60-10001A	ASCREW-ASSY:WP,-,+M6,L20,SCM30C,-;	ZPC(YE
BH+ABM	AA60-10011A	ASCREW-TAPTITE:HH,+PC,M4,L12,ZPC(BLK),SW	
BM+CBT	6003-001026	SCREW-TAPTITE:RH,+B,M4,L15,ZPC(BLK),SWR	
BMSBMM	AA60-10011A	ASCREW-TAPTITE:HH,+PC,M4,L12,ZPC(BLK),SW	
BOSSC	AA61-40012A	BOSS-CABINET:S5288,HIPS,HB,NTR,-;	
BOSSC	AA61-40026A	BOSS-CABINET:S4388,5288,HIPS,HB,NTR,-;	
BS+CFT	AA60-10011A	ASCREW-TAPTITE:HH,+PC,M4,L12,ZPC(BLK),SW	
CBB+CM	AA60-10011A	ASCREW-TAPTITE:HH,+PC,M4,L12,ZPC(BLK),SW	
CBB+TB	AA60-10011A	ASCREW-TAPTITE:HH,+PC,M4,L12,ZPC(BLK),SW	
CBT+CM	AA60-10050W	SCREW-WOOD:W/H,+M4,20,ZPC(BLK),SWRCH18A	
CFB+CM	AA60-10011A	ASCREW-TAPTITE:HH,+PC,M4,L12,ZPC(BLK),SW	
CFT+CM	AA60-10050W	SCREW-WOOD:W/H,+M4,20,ZPC(BLK),SWRCH18A	
CLAMPC	AA65-30008A	CLAMP-CORD:PE,HB,BLK,-,-,-	
CRTABM	AA60-10011A	ASCREW-TAPTITE:HH,+PC,M4,L12,ZPC(BLK),SW	
FOC+CM	AA60-10050W	SCREW-WOOD:W/H,+M4,20,ZPC(BLK),SWRCH18A	
FRONT	AA64-31357A	CABINET-FRONT,BOT;-;	SVP-524J,DG-703P,PIC
FRONT	AA64-31356M	CABINET-FRONT, TOP;-;	524J,D703+B702,NO-PE
HDRBOX	AA61-20285A	HOLDER-BOX;-;	3456,PP,VO,WHT,-
HDRS	AA61-00081B	HOLDER-SCREEN,SIDE;-;	524J,A6063 EXTR,-,-,
HDRS	AA61-00081C	HOLDER-SCREEN;-;	524J,A6063 EXTR,-,-,WHT,L
INLAY	AA64-60449B	INLAY-COVER:SP-434JMF,-;	PS,TO.5,BLK,149.
INLAY	AA64-60440E	INLAY-A/V,SIDE:PCJ533R,E2,PS,TO.3,GRY,-;	
KC+CFT	6003-001022	SCREW-TAPTITE:RH,+B,M3,L12,ZPC(BLK),SWR	
KNOCB	AA64-10764B	KNOB-CONTROL;-;	CHAMPAINNE GOLD+UV,ABS ,
KNOBP	AA64-10765F	KNOB-POWER;-;	CHAMPAINNE GOLD+UV,ABS ,HB
LED	AA64-40493A	INDICATOR-LED;-;	SVP-434JA,-,ABS,-,CLR,-
MBACK	AA67-20026A	MIRROR-BACK SURFACE:52' GLASS,3.0,BSM,-;	
PC+CFT	AA60-10002A	ASCREW-TAPPING:RH,+M4,L12,ZPC(YEL),-;	OD1
SCREEN	AA67-70065A	SCREEN-TINT:-;	52'DNP,-,-,-,1087,815
SPA	AA60-00027A	SPACER-COVER,DUST-SPONGE,T2.0,-,-,-;	43J5,-
SPAM	AA63-00021C	SPACER-MIRROR:PVC,-,BLK,L970,SP-524JMF,-	
SPAM	AA63-00021D	SPACER-MIRROR:PVC,-,BLK,L678,SP-524JMF,-	
SPAM	AA63-00021G	SPACER-MIRROR:PVC,-,BLK,L420,524J,434J,-	
SPRING	AA61-60005A	SPRING-CS;-;	SUS304,0.6,OD10.7,H10,N4,-,-
SUN	AA67-70048A	SUN-SCREEN;-;	52,H/C, A/S,PMMA,TRAN=82%,
WR+CFT	6003-001022	SCREW-TAPTITE:RH,+B,M3,L12,ZPC(BLK),SWR	
WRMC	AA64-40494A	WINDOW-REMOCON;-;	SVP-434J,-,PC,-,VIOLET,

ASSY-TERMINAL,BOARD

* AA91-00158H ASSY-TERMINAL,BOARD;-;			
TEMB	AA63-00045B	TERMINAL-BOARD ANT;-;	HIPS,-,PCJ533R,-
INLAY	AA64-00182J	INLAY-BACK:PCJ612R,NO-PC,NO-DOLBY,PS	SHE

Loc. No.	Code No.	Description : Specification	Remark
ASSY-ACCESSORY			
* AA94-01638A ASSY-ACCESSORY:PCJ522RX/XAA,P51A,U.S.A,S			
HDRLEG	AA61-20126A	HOLDER-LEG;-;	ABS,HB,BLK,-
IB	AA68-00532A	MANUAL-USERS:P51A,W/P100(G),-;	ENG,-,-,B5

ASSY-CRT-(R)

* AA94-01640A ASSY-CRT-(R):P16LNM07RJA,+380MG,7,BARE,			
AWIRE	AA91-00103C	CASSY-WIRE,CRT;-;	7CRT,PROJECTION
BKETC	AA61-00055C	BRACKET-CRT,WIRE;-;	PJT,SUS304 1/8H,-,-,-
BKETE	AA61-00054B	BRACKET-EARTH;-;	PROJECTION,PBS,-,-,-,-
BKETL	AA61-00056B	BRACKET-LENS;-;	PROJECTION,SECC,T1.6,-,-,
BKETW	AA61-00053B	BRACKET-WIRE;-;	PROJECTION,SECC-1,T1.6,-,
CASE	AA64-00206B	CASE-COUPLER,RED;-;	PROJECTION,-,ALDC8,-,
CRTM	AA03-10026U	CRT-MONO;-;	P16LNM07RJA,-,7INCH,90deg,90
△DY	AA27-50005L	DEFLECTION-YOKE;-;	DPD-5292AL(S),7/PJT C
HDRC	AA61-00057C	HOLDER-CAP;-;	7 PROJECTION,PC,-,CLEAR,-
LEAD	AA39-00018A	LEAD CONNECTOR-ASSY;-;	YFH800-01,YRH187RH
LENSA	AA67-10005A	LENS-ASSY;-;	DELTA,CLEAR,S4388,-,77,-
LENSA	AA67-10008A	LENS;-;	DELTA,RED,PJT,-,77,79,-
MAGN	AA27-00003B	MAGNET-CONVERGENCE;-;	JH92LT-029,29.1MM
SCREW	AA60-10011A	ASCREW-TAPTITE:HH,+PC,M4,L12,ZPC(BLK),SW	
SPAC	AA63-00091B	SPACER-CLENS:EPDM,-,BLK,-;	PROJECTION,-
SPACAP	AA63-00061B	SPACER-CAP:EPDM,-,BLK,-;	PROJECTION,-
SPACRT	AA63-00060B	SPACER-CRT:EPDM,-,BLK,7,PROJECTION,-	
SPADY	AA63-60025A	SPACER-DY:NEOPRENE,-,BLK,VO,S4388,-	
SPAF	AA63-00099A	SPACER-FELT:FELT,T1.0,BLK,-,PJT,-	
SPAL	AA63-00076A	SPACER-LENS:FELT,T1.0,BROWN,7CRT,PROJE	

ASSY-CRT-(G)

* AA94-01641A ASSY-CRT-(G):P16LNM07HKA,+380MG,7,BARE,			
AWIRE	AA91-00103C	CASSY-WIRE,CRT;-;	7CRT,PROJECTION
CASE	AA64-00207B	CASE-COUPLER,GREEN;-;	PROJECTION,7,ALDC8
CRTB	AA61-00055C	BRACKET-CRT,WIRE;-;	PJT,SUS304 1/8H,-,-,-
CRTM	AA03-10026V	CRT-MONO;-;	P16LNM07HKA,-,7INCH,90deg,90
DY	AA27-50005L	DEFLECTION-YOKE;-;	DPD-5292AL(S),7/PJT C
EARB	AA61-00054B	BRACKET-EARTH;-;	PROJECTION,PBS,-,-,-,-
HDRCAP	AA61-00057C	HOLDER-CAP;-;	7 PROJECTION,PC,-,CLEAR,-
LEAD	AA39-00018A	LEAD CONNECTOR-ASSY;-;	YFH800-01,YRH187RH
LENSA	AA67-10005A	LENS-ASSY;-;	DELTA,CLEAR,S4388,-,77,-
LENSB	AA61-00056B	BRACKET-LENS;-;	PROJECTION,SECC,T1.6,-,-,
LENSD	AA67-10071A	LENS-DELTA 77 79;-;	GREEN,C ELEMENT,
MAGNET	AA27-00003B	MAGNET-CONVERGENCE;-;	JH92LT-029,29.1MM
SCREW	AA60-10011A	ASCREW-TAPTITE:HH,+PC,M4,L12,ZPC(BLK),SW	
SPACAP	AA63-00061B	SPACER-CAP:EPDM,-,BLK,-;	PROJECTION,-
SPACL	AA63-00091B	SPACER-CLENS:EPDM,-,BLK,-;	PROJECTION,-
SPACRT	AA63-00060B	SPACER-CRT:EPDM,-,BLK,7,PROJECTION,-	
SPADY	AA63-60025A	SPACER-DY:NEOPRENE,-,BLK,VO,S4388,-	
SPAF	AA63-00099A	SPACER-FELT:FELT,T1.0,BLK,-,PJT,-	
SPALEN	AA63-00076A	SPACER-LENS:FELT,T1.0,BROWN,7CRT,PROJE	
WIREF	AA61-00053B	BRACKET-WIRE;-;	PROJECTION,SECC-1,T1.6,-,

ASSY-CRT-(B)

* AA94-01642A ASSY-CRT-(B):P16LNM07BMB,+380MG,7,BARE,			
ALENS	AA67-10005A	LENS-ASSY;-;	DELTA,CLEAR,S4388,-,77,-
AWIRE	AA91-00103C	CASSY-WIRE,CRT;-;	7CRT,PROJECTION
BKETC	AA61-00055C	BRACKET-CRT,WIRE;-;	PJT,SUS304 1/8H,-,-,-
BKETE	AA61-00054B	BRACKET-EARTH;-;	PROJECTION,PBS,-,-,-,-
BKETW	AA61-00053B	BRACKET-WIRE;-;	PROJECTION,SECC-1,T1.6,-,
CAPS	AA63-00061B	SPACER-CAP:EPDM,-,BLK,-;	PROJECTION,-
CASEC	AA64-00208B	CASE-COUPLER,BLUE;-;	PROJECTION,7,ALDC,-
CLENS	AA63-00091B	SPACER-CLENS:EPDM,-,BLK,-;	PROJECTION,-
CRTM	AA03-10026W	CRT-MONO;-;	P16LNM07BMB,-,7INCH,90deg,90
CRTS	AA63-00060B	SPACER-CRT:EPDM,-,BLK,7,PROJECTION,-	
△DY	AA27-50005L	DEFLECTION-YOKE;-;	DPD-5292AL(S),7/PJT C
DYS	AA63-60025A	SPACER-DY:NEOPRENE,-,BLK,VO,S4388,-	
FELTS	AA63-00099A	SPACER-FELT:FELT,T1.0,BLK,-,PJT,-	

Loc. No.	Code No.	Description : Specification	Remark	Loc. No.	Code No.	Description : Specification	Remark
CZ150	2201-000516	C-CERAMIC,DISC:4.7nF,+100-0%,500V,Y5U,TP		CZ121	2201-000764	C-CERAMIC,DISC:82pF,5%,50V,NPO,TP,8x3.5,	
CZ151	2401-001513	C-AL:47uF,20%,16V,WT,TP,5x11.5		CZ126	2201-000499	C-CERAMIC,DISC:390pF,5%,50V,SL,TP,8.0x3.	
CZ152	2401-001157	C-AL:33uF,20%,160V,GP,TP,12.5x20.5		CZ127	2201-000499	C-CERAMIC,DISC:390pF,5%,50V,SL,TP,8.0x3.	
CZ153	2401-001513	C-AL:47uF,20%,16V,WT,TP,5x11.5		CZ128	2201-000499	C-CERAMIC,DISC:390pF,5%,50V,SL,TP,8.0x3.	
CZ155	2201-000604	C-CERAMIC,DISC:56pF,+100-0%,500V,SL,TP,7		CZ132	2201-000976	C-CERAMIC,DISC:22pF,5%,50V,CH,TP,5.0x3.0	
CZ167	2401-001220	C-AL:4.7uF,20%,160V,GP,TP,8x11.5,5		CZ133	2201-000863	C-CERAMIC,DISC:680pF,10%,50V,Y5P,TP,5x3,	
CZ167A	2401-001220	C-AL:4.7uF,20%,160V,GP,TP,8x11.5,5		CZ135	2201-000863	C-CERAMIC,DISC:680pF,10%,50V,Y5P,TP,5x3,	
DZ116	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,		CZ136	2201-000976	C-CERAMIC,DISC:22pF,5%,50V,CH,TP,5.0x3.0	
DZ117	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,		CZ137	2201-000863	C-CERAMIC,DISC:680pF,10%,50V,Y5P,TP,5x3,	
DZ118	0402-000546	DIODE-RECTIFIER:TVR10G,400V,1.0A,DO-41,T		CZ138	2201-000327	C-CERAMIC,DISC:2.2nF,10%,50V,Y5V,TP,6.5x	
DZ119	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,		CZ139	2201-000327	C-CERAMIC,DISC:2.2nF,10%,50V,Y5V,TP,6.5x	
DZ120	0402-000546	DIODE-RECTIFIER:TVR10G,400V,1.0A,DO-41,T		CZ144	2401-001840	C-AL:100uF,20%,16V,GP,TP,6.3x11.5	
DZ121	0402-000546	DIODE-RECTIFIER:TVR10G,400V,1.0A,DO-41,T		CZ145	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,	
LZ112	2701-000002	INDUCTOR-AXIAL:100uH,10%,4.2x9.8mm		CZ146	2401-001840	C-AL:100uF,20%,16V,GP,TP,6.3x11.5	
LZ114	3301-000287	CORE-FERRITE BEAD:AA,3.5x1x6mm,1500,2400		CZ147	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,	
LZ115	3301-000287	CORE-FERRITE BEAD:AA,3.5x1x6mm,1500,2400		CZ151	2202-000121	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP	
LZ116	3301-000287	CORE-FERRITE BEAD:AA,3.5x1x6mm,1500,2400		CZ152	2202-000121	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP	
PCB	AA41-00018APCB-V/M MODULE:P15A,1L,FR,1.245X245X1.6T			CZ153	2202-000121	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP	
OZ103	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T		CZ154	2202-000121	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP	
OZ104	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T		CZ155	2202-000121	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP	
OZ105	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T		CZ156	2202-000121	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP	
OZ106	0501-000283	TR-SMALL SIGNAL:KSA539,PNP,400mW,TO-92,T		D453	0402-001286	DIODE-RECTIFIER:RP1H,2000V,1A,-,TP	
OZ107	0502-000131	TR-POWER:2SA1011-D,PNP,1.2W,TO-220,-,60	H/SINK	D501	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
OZ108	0502-000153	TR-POWER:2SC2344-D,NPN,1.2W,TO-220,-,60	H/SINK	DZ120	0403-000297	DIODE-ZENER:MTZ6.2B,6.2V,5.96-6.27V,500m	
RZ154	2003-000532	R-METALOXIDE(S):18ohm,5%,2W,AF,TP,4x12m		DZ121	0403-000297	DIODE-ZENER:MTZ6.2B,6.2V,5.96-6.27V,500m	
RZ156	2001-000832	R-CARBON:510OHM,5%,1/8W,AA,TP,1.8X3.2MM		DZ123	0403-000297	DIODE-ZENER:MTZ6.2B,6.2V,5.96-6.27V,500m	
RZ165	2001-000331	R-CARBON:12KOHM,5%,1/8W,AA,TP,1.8X3.2MM		DZ126	0402-000546	DIODE-RECTIFIER:TVR10G,400V,1.0A,DO-41,T	
RZ166	2001-000258	R-CARBON:1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M		DZ127	0402-000546	DIODE-RECTIFIER:TVR10G,400V,1.0A,DO-41,T	
RZ167	2001-000258	R-CARBON:1.8KOHM,5%,1/8W,AA,TP,1.8X3.2M		DZ128	0403-000297	DIODE-ZENER:MTZ6.2B,6.2V,5.96-6.27V,500m	
RZ167A	2001-000554	R-CARBON:270OHM,5%,1/8W,AA,TP,1.8X3.2MM		△ICZ101	1203-000284	IC-POSI.FIXED REG.:7806,TO-220,3P,-,PLAS	H/SINK
RZ168	2003-002157	R-METALOXIDE:220OHM,5%,2W,AG,TP,6X16MM		△ICZ102	1203-000121	IC-NEGA.FIXED REG.:7906,TO-220,3P,-,PLAS	
RZ169	2001-000019	R-CARBON(S):100HM,5%,1/2W,AA,TP,2.4X6.4M		△ICZ103	1201-001512	IC-VIDEO AMP:392,SIP,22P,-,THREE,-,PLAST	H/SINK
RZ170	2001-000666	R-CARBON:330HM,5%,1/8W,AA,TP,1.8X3.2MM		△ICZ104	1201-001512	IC-VIDEO AMP:392,SIP,22P,-,THREE,-,PLAST	H/SINK
RZ171	2001-000666	R-CARBON:330HM,5%,1/8W,AA,TP,1.8X3.2MM		LZ101	2701-001030	INDUCTOR-AXIAL:43UH,10%,14X4.5MM	
RZ172	2001-000241	R-CARBON:1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M		LZ102	2701-001030	INDUCTOR-AXIAL:43UH,10%,14X4.5MM	
RZ173	2001-001139	R-CARBON(S):39KOHM,5%,1/2W,AA,TP,2.4X6.4		LZ107	2701-000142	INDUCTOR-AXIAL:1uH,10%,2.5x3.4mm	
RZ174	2001-001139	R-CARBON(S):39KOHM,5%,1/2W,AA,TP,2.4X6.4		LZ108	2701-000142	INDUCTOR-AXIAL:1uH,10%,2.5x3.4mm	
RZ175	2001-000241	R-CARBON:1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M		LZ109	2701-000142	INDUCTOR-AXIAL:1uH,10%,2.5x3.4mm	
RZ176	2001-000221	R-CARBON:1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		LZ110	2701-000142	INDUCTOR-AXIAL:1uH,10%,2.5x3.4mm	
RZ177	2001-000331	R-CARBON:12KOHM,5%,1/8W,AA,TP,1.8X3.2MM		LZ111	2701-000142	INDUCTOR-AXIAL:1uH,10%,2.5x3.4mm	
RZ178	2001-000221	R-CARBON:1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M		LZ112	2701-000142	INDUCTOR-AXIAL:1uH,10%,2.5x3.4mm	
RZ179	2003-000713	R-METALOXIDE(S):47ohm,5%,2W,AF,TP,4x12m		PCB	AA41-00135APCB-CONVERGENCE:P15A,1L,CEM-1,330X245X1.		
RZ180	2001-001100	R-CARBON(S):2.7OHM,5%,1/2W,AA,TP,2.4X6.4		R382	2002-001006	R-COMPOSITION:4.7Kohm,5%,1/2W,AA,TP,3.7x	
RZ181	2001-001100	R-CARBON(S):2.7OHM,5%,1/2W,AA,TP,2.4X6.4		R476	2004-004046	R-METAL(S):430Kohm,1%,1/2W,AA,TP,2.5x6.5	
RZ182	2003-000713	R-METALOXIDE(S):47ohm,5%,2W,AF,TP,4x12m		R476A	2004-004001	R-METAL(S):180Kohm,1%,1/2W,AA,TP,2.5x6.5	
RZ183	2003-001018	R-METALOXIDE(S):220ohm,5%,2W,AF,TP,3.9x		R476B	2004-001892	R-METAL(S):162Kohm,1%,1/2W,AA,TP,2.5x6.5	
				R476C	2004-004046	R-METAL(S):430Kohm,1%,1/2W,AA,TP,2.5x6.5	
				R478	2004-001892	R-METAL(S):162Kohm,1%,1/2W,AA,TP,2.5x6.5	
				R501	2004-002016	R-METAL(S):15Kohm,1%,1/2W,AA,TP,2.5x6.5m	
				R502	2004-001369	R-METAL(S):1.2Kohm,1%,1/2W,AA,TP,2.4x6.4	
				RFZ19	2008-000261	R-FUSIBLE(S):150ohm,5%,1W,AF,TP,3.9x10mm	
				RFZ20	2008-000261	R-FUSIBLE(S):150ohm,5%,1W,AF,TP,3.9x10mm	
				RFZ21	2008-000261	R-FUSIBLE(S):150ohm,5%,1W,AF,TP,3.9x10mm	
				RFZ22	2008-000261	R-FUSIBLE(S):150ohm,5%,1W,AF,TP,3.9x10mm	
				RFZ50	2008-000261	R-FUSIBLE(S):150ohm,5%,1W,AF,TP,3.9x10mm	
				RFZ51	2008-000261	R-FUSIBLE(S):150ohm,5%,1W,AF,TP,3.9x10mm	
				RFZ52	2008-000261	R-FUSIBLE(S):150ohm,5%,1W,AF,TP,3.9x10mm	
				RFZ53	2008-000261	R-FUSIBLE(S):150ohm,5%,1W,AF,TP,3.9x10mm	
CZ101	2401-001429	C-AL:470uF,20%,50V,GP,TP,13x20.5		RZ104	2001-001114	R-CARBON(S):270OHM,5%,1/2W,AA,TP,2.4X6.4	
CZ102	2401-001429	C-AL:470uF,20%,50V,GP,TP,13x20.5		RZ105	2001-001114	R-CARBON(S):270OHM,5%,1/2W,AA,TP,2.4X6.4	
CZ103	2401-000689	C-AL:2200uF,20%,16V,GP,TP,13x25.5		RZ106	2001-001114	R-CARBON(S):270OHM,5%,1/2W,AA,TP,2.4X6.4	
CZ105	2401-000689	C-AL:2200uF,20%,16V,GP,TP,13x25.5		RZ107	2001-001114	R-CARBON(S):270OHM,5%,1/2W,AA,TP,2.4X6.4	
CZ106	2201-000180	C-CERAMIC,DISC:10nF,10%,50V,Y5V,TP,6.5*3		RZ108	2001-001114	R-CARBON(S):270OHM,5%,1/2W,AA,TP,2.4X6.4	
CZ107	2201-000180	C-CERAMIC,DISC:10nF,10%,50V,Y5V,TP,6.5*3		RZ109	2001-001114	R-CARBON(S):270OHM,5%,1/2W,AA,TP,2.4X6.4	
CZ108	2201-000499	C-CERAMIC,DISC:390pF,5%,50V,SL,TP,8.0x3.		RZ110	2001-000563	R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CZ109	2201-000499	C-CERAMIC,DISC:390pF,5%,50V,SL,TP,8.0x3.		RZ111	2001-000563	R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CZ110	2201-000499	C-CERAMIC,DISC:390pF,5%,50V,SL,TP,8.0x3.		RZ112	2001-000563	R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
CZ111	2201-000976	C-CERAMIC,DISC:22pF,5%,50V,CH,TP,5.0x3.0		RZ113	2001-000591	R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
CZ112	2201-000863	C-CERAMIC,DISC:680pF,10%,50V,Y5P,TP,5x3,		RZ114	2001-000857	R-CARBON:560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
CZ113	2201-000976	C-CERAMIC,DISC:22pF,5%,50V,CH,TP,5.0x3.0		RZ115	2001-000591	R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
CZ114	2201-000863	C-CERAMIC,DISC:680pF,10%,50V,Y5P,TP,5x3,		RZ116	2001-000857	R-CARBON:560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
CZ115	2201-000976	C-CERAMIC,DISC:22pF,5%,50V,CH,TP,5.0x3.0		RZ117	2001-000591	R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
CZ116	2201-000863	C-CERAMIC,DISC:680pF,10%,50V,Y5P,TP,5x3,		RZ118	2001-000857	R-CARBON:560OHM,5%,1/8W,AA,TP,1.8X3.2MM	
CZ117	2201-000327	C-CERAMIC,DISC:2.2nF,10%,50V,Y5V,TP,6.5x		RZ119	2001-000003	R-CARBON:330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
CZ118	2201-000327	C-CERAMIC,DISC:2.2nF,10%,50V,Y5V,TP,6.5x		RZ120	2001-000281	R-CARBON:100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
CZ119	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,		RZ121	2001-000281	R-CARBON:100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
CZ120	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP,		RZ123	2003-002148	R-METALOXIDE:3.9OHM,2%,2W,AF,TP,3.9X10M	

ASSY-PCB,CONVERGENCE

* AA95-00055EASSY-PCB,CONVERGENCE-;PCJ522RX/XAA,P51A

C491	2306-000322	C-FILM,MPPF:12nF,5%,1.6KV,TP,29x20.5x13,	
CN203	AA39-20067GLEAD CONNECTOR-ASSY:-YBNH250-10,67096-0		
CN401	AA39-20068ALEAD-CONNECTOR,ASSY:-YBNH025-08,67096-0		
CN402	AA39-20071BLEAD-CONNECTOR,ASSY:-YBNH025-12,67096-0		
CN403	3711-002643 CONNECTOR-HEADER:BOX,4P,1R,2.5MM,STRAIGH		
CN802	AA39-20068ALEAD-CONNECTOR,ASSY:-YBNH025-08,67096-0		

Loc. No.	Code No.	Description : Specification	Remark	Loc. No.	Code No.	Description : Specification	Remark
RZ124	2003-002148	R-METALOXIDE:3.90HM,2%,2W,AF,TP,3.9X10M		C493	2201-000119	C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP	
RZ125	2003-002148	R-METALOXIDE:3.90HM,2%,2W,AF,TP,3.9X10M		C494	2201-000471	C-CERAMIC,DISC:0.33nF,10%,50V,Y5P,TP,4x3	
RZ126	2003-002148	R-METALOXIDE:3.90HM,2%,2W,AF,TP,3.9X10M		C495	2301-000204	C-FILM,PEF:2.7nF,5%,50V,TP,7.4x3.9x13mm,	
RZ127	2003-002147	R-METALOXIDE:3.30HM,2%,2W,AF,TP,3.9X10M		C496	2401-000832	C-AL:220uF,20%,25V,GP,TP,8x11.5,5	
RZ128	2003-002147	R-METALOXIDE:3.30HM,2%,2W,AF,TP,3.9X10M		CN401	3711-001049	CONNECTOR-HEADER BOX,6P,1R,2.5mm,ANGLE,-	
RZ129	2003-001024	R-METALOXIDE(S):150ohm,5%,2W,AF,TP,3.9x		CN402	3711-002709	CONNECTOR-HEADER NOWALL,12P,1R,2.5MM,ANG	
RZ130	2003-001024	R-METALOXIDE(S):150ohm,5%,2W,AF,TP,3.9x		CN403	AA39-20052ALEAD-CONNECTOR,ASSY:-,YBNH025-04,YSH025-		
RZ131	2003-001024	R-METALOXIDE(S):150ohm,5%,2W,AF,TP,3.9x		CN404	3711-001283	CONNECTOR-HEADER NOWALL,14P,1R,2.5mm,ANG	
RZ132	2003-001024	R-METALOXIDE(S):150ohm,5%,2W,AF,TP,3.9x		D342	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
RZ133	2001-000563	R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM		D343	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
RZ134	2001-000563	R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM		D344	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
RZ135	2001-000563	R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM		D352	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
RZ136	2001-000591	R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		D353	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
RZ137	2001-000857	R-CARBON:560OHM,5%,1/8W,AA,TP,1.8X3.2MM		D355	0402-000546	DIODE-RECTIFIER:TVR10G,400V,1.0A,DO-41,T	
RZ138	2001-000591	R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		D363	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
RZ139	2001-000857	R-CARBON:560OHM,5%,1/8W,AA,TP,1.8X3.2MM		D364	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
RZ140	2001-000591	R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		D371	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
RZ141	2001-000857	R-CARBON:560OHM,5%,1/8W,AA,TP,1.8X3.2MM		D372	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
RZ142	2003-002147	R-METALOXIDE:3.30HM,2%,2W,AF,TP,3.9X10M		D373	0402-000243	DIODE-RECTIFIER:RC2-V1,200V,0.2A,DO-201	
RZ143	2003-002147	R-METALOXIDE:3.30HM,2%,2W,AF,TP,3.9X10M		D384	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
RZ144	2003-002148	R-METALOXIDE:3.90HM,2%,2W,AF,TP,3.9X10M		D385	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
RZ145	2003-002148	R-METALOXIDE:3.90HM,2%,2W,AF,TP,3.9X10M		D386	0403-000663	DIODE-ZENER:MTZ3.3B,3.3V,3.32-3.53V,500m	
RZ146	2003-002148	R-METALOXIDE:3.90HM,2%,2W,AF,TP,3.9X10M		D395	0403-000355	DIODE-ZENER:UZ5.1BSB,5.1V,4.97-5.18V,500	
RZ147	2003-002148	R-METALOXIDE:3.90HM,2%,2W,AF,TP,3.9X10M		D442	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
RZ148	2003-001024	R-METALOXIDE(S):150ohm,5%,2W,AF,TP,3.9x		D443	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
RZ149	2003-001024	R-METALOXIDE(S):150ohm,5%,2W,AF,TP,3.9x		D451	0402-000216	DIODE-RECTIFIER:ERC2-06,600V,1.0A,DO-20	
SG303	AA27-90001BCOIL-SPARK,GAP:S-23,1.5KV,-,-,-			D456	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
VR472	2103-001086	VR-SEMI:100KOHM,25%,0.3W,TOP		D457	0403-000551	DIODE-ZENER:MTZ3.9B,3.9V,3.89-4.16V,500m	
VR491	2103-000669	VR-SEMI:10Kohm,25%,1/5W,TOP		D474	0403-000531	DIODE-ZENER:MTZ13B,13V,12.55-13.21V,500m	
				D475	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
				D476	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
				D477	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
				D478	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
				D479	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
				D480	0402-000132	DIODE-RECTIFIER:1N4004,400V,1A,DO-41,TP	
				D482	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
				D483	0403-000563	DIODE-ZENER:MTZ9.1B,9.1V,8.57-9.01V,500m	
				D491	0401-000005	DIODE-SWITCHING:1N4148,100V,200MA,DO-35,	
				D492	0403-000666	DIODE-ZENER:MTZ5.1A,5.1V,4.81-5.07V,500m	
				△IC471	1203-000610	IC-PWMCONTROLLER:494,DIP,16P,300MIL,PLA	
				△IC481	1203-001217	IC-POS:ADJUST REG.:431,TO-92,3P,4.58MIL	
				△IC491	0801-000659	IC-CMOSLOGIC:74HC123,MULTIVIBATOR,DIP,1	
				L341	2701-000116	INDUCTOR-AXIAL:10uH,10%,4.2x9.8mm	
				L351	AA27-10003MCOIL-CHOKE:-,6100uH,J,40,34mA,TP,EL6067R		
				PCB	AA41-00021APCB-HV MODULE:P51A,1L,FR,1.330X245X1.6T,		
				Q342	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
				Q343	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
				Q344	0501-000283	TR-SMALL SIGNAL:KSA539,PNP,400mW,TO-92,T	
				Q350	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
				Q351	0501-000283	TR-SMALL SIGNAL:KSA539,PNP,400mW,TO-92,T	
				Q352	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
				Q353	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
				Q354	0501-000283	TR-SMALL SIGNAL:KSA539,PNP,400mW,TO-92,T	
				Q355	0501-000366	TR-SMALL SIGNAL:KSC2330-Y,NPN,1W,TO-92L,	
				Q371	0502-000442	TR-POWER:2SC4636RB,NPN,2W,TO-220,ST,10-	H/SINK
				Q381	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
				Q382	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
				Q401	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
				Q402	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
				Q421	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
				△Q422	0502-001118	TR-POWER:KSC2335,NPN,40W,TO-220,ST,30-6	
				Q451	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
				Q452	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
				Q453	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
				Q454	0501-000283	TR-SMALL SIGNAL:KSA539,PNP,400mW,TO-92,T	
				Q461	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
				Q471	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
				Q473	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
				Q481	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
				Q482	0501-000283	TR-SMALL SIGNAL:KSA539,PNP,400mW,TO-92,T	
				Q483	0501-000283	TR-SMALL SIGNAL:KSA539,PNP,400mW,TO-92,T	
				Q491	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T	
R339	2001-000613	R-CARBON:3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M		R340	2001-000241	R-CARBON:1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R340	2001-000241	R-CARBON:1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M		R341	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
R341	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		R342	2001-000273	R-CARBON:100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
R342	2001-000273	R-CARBON:100KOHM,5%,1/8W,AA,TP,1.8X3.2M		R343	2001-000812	R-CARBON:5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	

ASSY-PCB,H/V MDL

* AA95-00056DASSY-PCB,H/V MDL:-,PCJ522RX/XAA,P51A,-,-,-

BK01	AA61-10068ABRACKET-PCB:-,M2160,SPT,TO,3,-,-,-	
BK02	AA61-10068ABRACKET-PCB:-,M2160,SPT,TO,3,-,-,-	
BK03	AA61-10068ABRACKET-PCB:-,M2160,SPT,TO,3,-,-,-	
C341	2401-001914 C-AL:1uF,20%,50V,BP,TP,5x11,5	
C342	2401-000962 C-AL:22uF,20%,50V,GP,TP,5x11,5	
C351	2305-000443 C-FILM,MPEF:51nF,5%,100V,TP,-,5mm	
C352	2401-000480 C-AL:10uF,20%,50V,GP,TP,5x11,5	
C353	2201-000863 C-CERAMIC,DISC:680pF,10%,50V,Y5P,TP,5x3,	
C354	2301-000261 C-FILM,PEF:4.7nF,5%,100V,TP,10.5x12.5x6.	
C355	2401-000480 C-AL:10uF,20%,50V,GP,TP,5x11,5	
C356	2201-000180 C-CERAMIC,DISC:10nF,10%,50V,Y5V,TP,6.5*3	
C357	2401-001989 C-AL:4.7uF,20%,50V,BP,TP,5x11,5	
C358	2401-000471 C-AL:10uF,20%,50V,BP,TP,5x11,5mm	
C360	2305-000355 C-FILM,MPEF:330nF,5%,63V,TP,-,5mm	
C361	2306-000122 C-FILM,MPPF:100nF,5%,50V,TP,7.3x4.0x5.0m	
C362	2305-000149 C-FILM,MPEF:100nF,5%,100V,TP,12x12.5x6.5	
C371	2401-000302 C-AL:100uF,20%,25V,GP,TP,6.3x11,5	
C372	2401-000480 C-AL:10uF,20%,50V,GP,TP,5x11,5	
C373	2401-000302 C-AL:100uF,20%,25V,GP,TP,6.3x11,5	
C374	2401-001621 C-AL:6.8uF,20%,450V,GP,TP,13x20,5	
C405	2201-000558 C-CERAMIC,DISC:470pF,10%,50V,Y5P,TP,5x3,	
C406	2201-000370 C-CERAMIC,DISC:220pF,10%,50V,Y5P,TP,4.0X	
C421	2401-000302 C-AL:100uF,20%,25V,GP,TP,6.3x11,5	
C422	2301-000289 C-FILM,PEF:5.6nF,5%,50V,TP,7x6x3,5	
C429	2305-000704 C-FILM,MPEF:100nF,5%,250V,TP,16.5x10.3x5	
C454	2303-000331 C-FILM,PPF:4.7nF,5%,630V,TP,19.5x12x7.7.	
C455	2401-001527 C-AL:47uF,20%,250V,HR,TP,13x25mm,5m	
C456	2201-000132 C-CERAMIC,DISC:100pF,10%,500V,Y5P,TP,6x4	
C461	2201-000600 C-CERAMIC,DISC:560pF,10%,50V,Y5P,TP,5x3,	
C462	2301-000246 C-FILM,PEF:33nF,5%,100V,TP,7x5.0x9.5mm,5	
C466	2305-001023 C-FILM,MPEF:680nF,10%,63V,TP,7.5x5.5x14.	
C480	2306-000122 C-FILM,MPPF:100nF,5%,50V,TP,7.3x4.0x5.0m	
C481	2401-000914 C-AL:22uF,20%,16V,GP,TP,5x11,5	
C482	2305-000178 C-FILM,MPEF:10nF,5%,100V,TP,-,5mm	
C484	2401-001026 C-AL:3.3uF,20%,50V,GP,TP,5x11,5	
C485	2201-000146 C-CERAMIC,DISC:100pF,5%,50V,SL,TP,5x3,5	
C486	2201-000146 C-CERAMIC,DISC:100pF,5%,50V,SL,TP,5x3,5	
C487	2401-001026 C-AL:3.3uF,20%,50V,GP,TP,5x11,5	
C488	2401-002144 C-AL:47uF,20%,16V,GP,TP,5x11,5	
C489	2401-001840 C-AL:100uF,20%,16V,GP,TP,6.3x11,5	
C490	2201-000119 C-CERAMIC,DISC:100nF,+80-20%,50V,Y5V,TP	
C492	2401-002144 C-AL:47uF,20%,16V,GP,TP,5x11,5	

Loc. No.	Code No.	Description : Specification	Remark	Loc. No.	Code No.	Description : Specification	Remark
CV02	2305-000665	C-FILM,MPEF:100nF,5%,63V,TP,7.5x4.0x5.0mm		C155	2203-000126	C-CERAMIC,CHIP:1.2nF,10%,50V,X7R,TP,2012	
CV03	2401-001914	C-AL:1uF,20%,50V,BP,TP,5x11,5		C156	2203-000126	C-CERAMIC,CHIP:1.2nF,10%,50V,X7R,TP,2012	
CV04	2201-000138	C-CERAMIC,DISC:100pF,10%,50V,Y5P,TP,4.0X		C157	2203-000126	C-CERAMIC,CHIP:1.2nF,10%,50V,X7R,TP,2012	
CV05	2301-000247	C-FILM,PEF:33nF,5%,50V,TP,8.1x4.5x13mm,5		C158	2203-000126	C-CERAMIC,CHIP:1.2nF,10%,50V,X7R,TP,2012	
CV06	2301-000192	C-FILM,PEF:1nF,5%,50V,TP,5.3x10mm,5mm		C159	2203-000126	C-CERAMIC,CHIP:1.2nF,10%,50V,X7R,TP,2012	
DZV01	0403-000297	DIODE-ZENER:MTZ6.2B,6.2V,5.96-6.27V,500m		C160	2203-000126	C-CERAMIC,CHIP:1.2nF,10%,50V,X7R,TP,2012	
△ ICV01	0801-000659	IC-CMOSLOGIC:74HC123,MULTIVIBRATOR,DIP,1		C161	2203-001680	C-CERAMIC,CHIP:68nF,20%,50V,Z5U,TP,2012	
LV01	2701-000114	INDUCTOR-AXIAL:10uH,10%,2.5x3.4mm		C162	2203-001077	C-CERAMIC,CHIP:0.056nF,5%,50V,NPO,TP,201	
LV02	2701-000142	INDUCTOR-AXIAL:1uH,10%,2.5x3.4mm		C163	2404-000123	C-TA,CHIP:10uF,20%,16V,-,TP,6032,2.9mm	
LV03	2701-000114	INDUCTOR-AXIAL:10uH,10%,2.5x3.4mm		C164	2203-001214	C-CERAMIC,CHIP:8.2nF,10%,50V,X7R,TP,2012	
PCB	AA41-00190	PCB-H/V, BLK:P51A,1L,FR-1,245x245x1.6T,20		C165	2203-000444	C-CERAMIC,CHIP:1nF,10%,50V,X7R,TP,2012,-	
QV01	0501-000389	TR-SMALL SIGNAL:KSC815,NPN,400mW,TO-92,T		C166	2404-000123	C-TA,CHIP:10uF,20%,16V,-,TP,6032,2.9mm	
RV01	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C167	2203-001214	C-CERAMIC,CHIP:8.2nF,10%,50V,X7R,TP,2012	
RV02	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C168	2203-000444	C-CERAMIC,CHIP:1nF,10%,50V,X7R,TP,2012,-	
RV03	2001-000591	R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M		C169	2203-001680	C-CERAMIC,CHIP:68nF,20%,50V,Z5U,TP,2012	
RV04	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C170	2404-000123	C-TA,CHIP:10uF,20%,16V,-,TP,6032,2.9mm	
RV05	2001-000290	R-CARBON:10KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C171	2203-001214	C-CERAMIC,CHIP:8.2nF,10%,50V,X7R,TP,2012	
RV06	2001-000563	R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C172	2203-000444	C-CERAMIC,CHIP:1nF,10%,50V,X7R,TP,2012,-	
RV07	2001-000522	R-CARBON:22KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C173	2404-000123	C-TA,CHIP:10uF,20%,16V,-,TP,6032,2.9mm	
RV09	2001-000904	R-CARBON:620OHM,5%,1/8W,AA,TP,1.8X3.2MM		C174	2203-001214	C-CERAMIC,CHIP:8.2nF,10%,50V,X7R,TP,2012	
RV11	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C175	2203-000444	C-CERAMIC,CHIP:1nF,10%,50V,X7R,TP,2012,-	
RV12	2004-000218	R-METAL:10Kohm,1%,1/8W,AA,TP,1.8x3.2mm		C176	2404-000123	C-TA,CHIP:10uF,20%,16V,-,TP,6032,2.9mm	
RV13	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		C177	2203-001214	C-CERAMIC,CHIP:8.2nF,10%,50V,X7R,TP,2012	
				C178	2203-000444	C-CERAMIC,CHIP:1nF,10%,50V,X7R,TP,2012,-	
				C179	2404-000123	C-TA,CHIP:10uF,20%,16V,-,TP,6032,2.9mm	
				C180	2203-001214	C-CERAMIC,CHIP:8.2nF,10%,50V,X7R,TP,2012	
				C181	2203-000444	C-CERAMIC,CHIP:1nF,10%,50V,X7R,TP,2012,-	
				C182	2203-001077	C-CERAMIC,CHIP:0.056nF,5%,50V,NPO,TP,201	
				C183	2404-000125	C-TA,CHIP:10uF,20%,16V,-,TP,5054,1.5mm	
				C184	2404-000125	C-TA,CHIP:10uF,20%,16V,-,TP,5054,1.5mm	
				C185	2404-000125	C-TA,CHIP:10uF,20%,16V,-,TP,5054,1.5mm	
				C186	2404-000125	C-TA,CHIP:10uF,20%,16V,-,TP,5054,1.5mm	
				C187	2203-001680	C-CERAMIC,CHIP:68nF,20%,50V,Z5U,TP,2012	
				C188	2404-000125	C-TA,CHIP:10uF,20%,16V,-,TP,5054,1.5mm	
				C189	2404-000125	C-TA,CHIP:10uF,20%,16V,-,TP,5054,1.5mm	
				C190	2203-001680	C-CERAMIC,CHIP:68nF,20%,50V,Z5U,TP,2012	
				C191	2305-000289	C-FILM,MPEF:220nF,5%,63V,TP,-,5mm	
				C192	2203-000192	C-CERAMIC,CHIP:100nF,+80-20%,50V,Y5V,TP,	
				C193	2404-000123	C-TA,CHIP:10uF,20%,16V,-,TP,6032,2.9mm	
				C194	2203-001680	C-CERAMIC,CHIP:68nF,20%,50V,Z5U,TP,2012	
				C195	2404-000275	C-TA,CHIP:100UF,10%,10V,GP,TP,7343	
				C196	2203-000634	C-CERAMIC,CHIP:0.022nF,5%,50V,NPO,TP,201	
				C197	2203-000634	C-CERAMIC,CHIP:0.022nF,5%,50V,NPO,TP,201	
				C198	2203-000634	C-CERAMIC,CHIP:0.022nF,5%,50V,NPO,TP,201	
				C199	2401-000027	C-AL:4.7uF,20%,50V,GP,TP,5x11,5	
				C201	2404-000256	C-TA,CHIP:47UF,20%,16V,GP,TP,7343	
				C202	2203-000683	C-CERAMIC,CHIP:0.027nF,5%,50V,NPO,TP,201	
				C203	2203-000429	C-CERAMIC,CHIP:0.018nF,5%,50V,NPO,TP,201	
				C204	2203-001002	C-CERAMIC,CHIP:0.047nF,5%,50V,NPO,TP,201	
				C205	2203-001002	C-CERAMIC,CHIP:0.047nF,5%,50V,NPO,TP,201	
				C206	2404-000123	C-TA,CHIP:10uF,20%,16V,-,TP,6032,2.9mm	
				C207	2203-001680	C-CERAMIC,CHIP:68nF,20%,50V,Z5U,TP,2012	
				C208	2203-000444	C-CERAMIC,CHIP:1nF,10%,50V,X7R,TP,2012,-	
				C210	2404-000123	C-TA,CHIP:10uF,20%,16V,-,TP,6032,2.9mm	
				C220	2203-001002	C-CERAMIC,CHIP:0.047nF,5%,50V,NPO,TP,201	
				C301	2203-000634	C-CERAMIC,CHIP:0.022nF,5%,50V,NPO,TP,201	
				C302	2203-000634	C-CERAMIC,CHIP:0.022nF,5%,50V,NPO,TP,201	
				C303	2203-000634	C-CERAMIC,CHIP:0.022nF,5%,50V,NPO,TP,201	
				CN001	3711-002709	CONNECTOR-HEADER:NOWALL,12P,1R,2.5MM,ANG	
				CN002	3711-002708	CONNECTOR-HEADER:NOWALL,10P,1R,2.5MM,ANG	
				CP101	2901-000233	FILTER-EMISMD:50V,300mA,-,330pF,4.5x1.8	
				CP102	2901-000233	FILTER-EMISMD:50V,300mA,-,330pF,4.5x1.8	
				CP103	2901-000229	FILTER-EMISMD:50V,300mA,-,22nF,4.5x1.8x	
				CP104	2901-000229	FILTER-EMISMD:50V,300mA,-,22nF,4.5x1.8x	
				CP105	2901-000229	FILTER-EMISMD:50V,300mA,-,22nF,4.5x1.8x	
				CP106	2901-000229	FILTER-EMISMD:50V,300mA,-,22nF,4.5x1.8x	
				CP107	2901-000229	FILTER-EMISMD:50V,300mA,-,22nF,4.5x1.8x	
				CP108	2901-000232	FILTER-EMISMD:50V,300mA,-,10nF,4.5x1.8x	
				CP109	2901-000232	FILTER-EMISMD:50V,300mA,-,10nF,4.5x1.8x	
				CP110	2901-000232	FILTER-EMISMD:50V,300mA,-,10nF,4.5x1.8x	
				CP120	2901-000226	FILTER-EMISMD:25V,200mA,-,100pF,3.2x1.2	
				CP121	2901-000226	FILTER-EMISMD:25V,200mA,-,100pF,3.2x1.2	
				CP122	2901-000226	FILTER-EMISMD:25V,200mA,-,100pF,3.2x1.2	
				CP123	2901-000226	FILTER-EMISMD:25V,200mA,-,100pF,3.2x1.2	
				CP124	2901-000226	FILTER-EMISMD:25V,200mA,-,100pF,3.2x1.2	
				CP125	2901-000226	FILTER-EMISMD:25V,200mA,-,100pF,3.2x1.2	
				CP126	2901-000226	FILTER-EMISMD:25V,200mA,-,100pF,3.2x1.2	

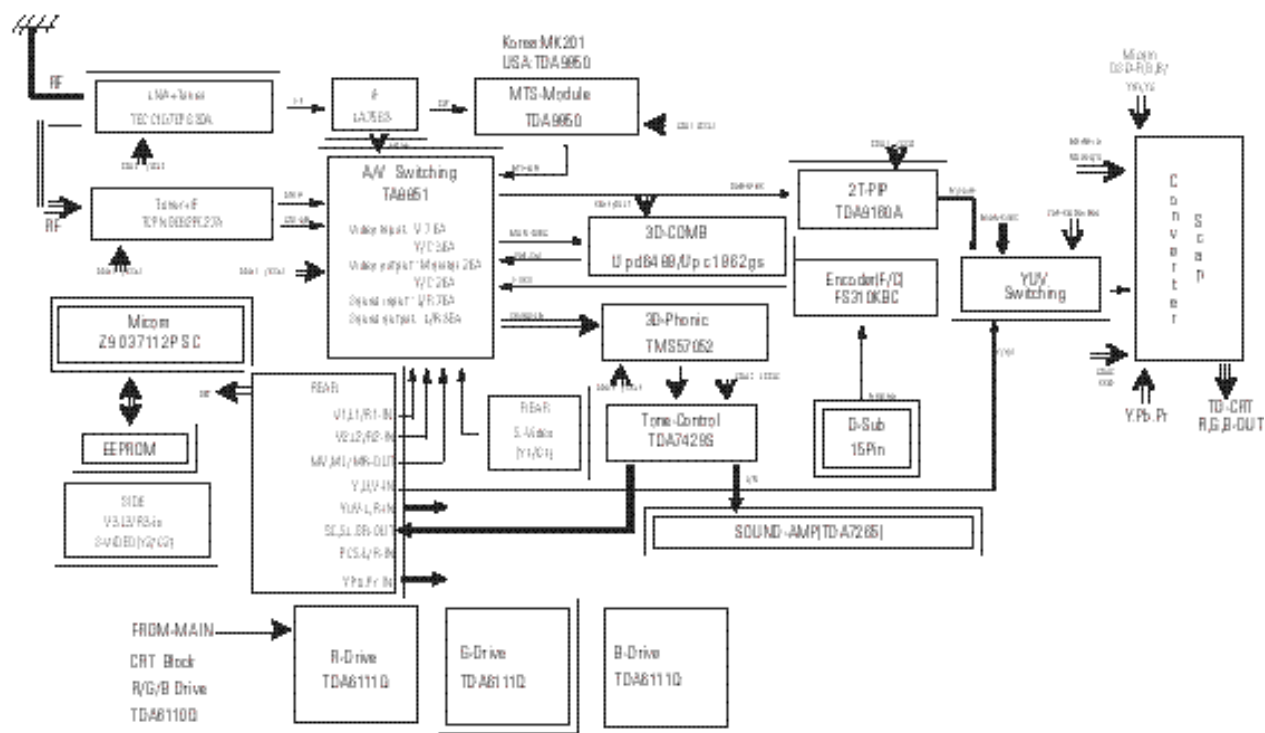
ASSY-PCB,CONV MDL

* AA95-90027 VASSY-PCB,CONV MDL-;SVP524JA,KPT51A,PAL-

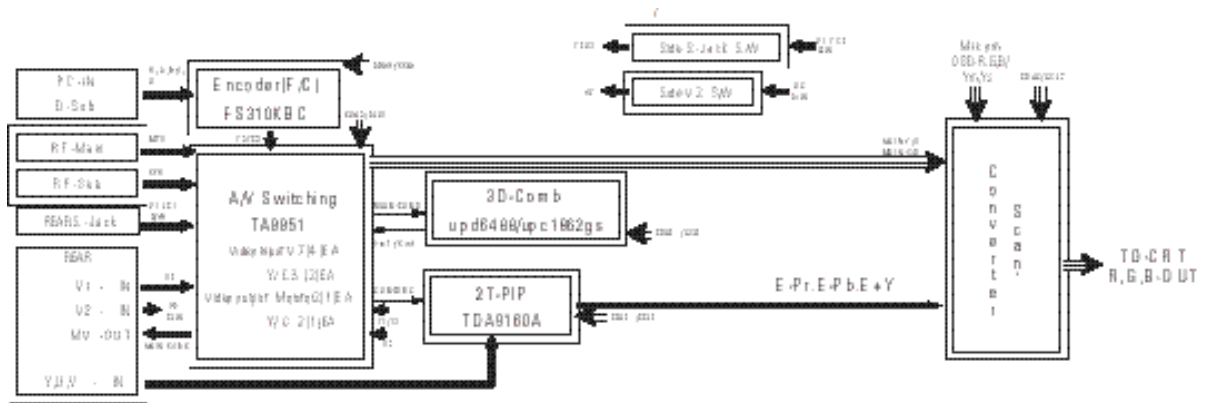
Loc. No.	Code No.	Description : Specification	Remark	Loc. No.	Code No.	Description : Specification	Remark
	CP127	2901-000226 FILTER-EMISMD:25V,200mA,-,100pF,3.2x1.2			Q130	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT-	
	D100	0401-000003 DIODE-SWITCHING:1SS193,80V,100mA,SOT-23,			Q131	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT	
	D101	0405-000128 DIODE-VARACTOR:1SV214,30V,10nA,USC,TP			Q132	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT-	
	D104	0403-000689 DIODE-ZENER-DTZ5.1A,5.1V,4.84-5.04V,200m			Q133	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT	
	D106	0401-000003 DIODE-SWITCHING:1SS193,80V,100mA,SOT-23,			Q134	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT-	
	D110	0401-000008 DIODE-SWITCHING:DAN217,80V,100mA,SOT-23,			Q135	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT	
	D111	0401-000003 DIODE-SWITCHING:1SS193,80V,100mA,SOT-23,			Q136	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT-	
	D112	0401-000008 DIODE-SWITCHING:DAN217,80V,100mA,SOT-23,			Q137	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT-	
	D113	0401-000003 DIODE-SWITCHING:1SS193,80V,100mA,SOT-23,			Q138	0501-000280 TR-SMALL SIGNAL:KSA1182,PNP,150mW,SOT-23	
	D114	0401-000008 DIODE-SWITCHING:DAN217,80V,100mA,SOT-23,			Q139	0501-000280 TR-SMALL SIGNAL:KSA1182,PNP,150mW,SOT-23	
	D115	0401-000003 DIODE-SWITCHING:1SS193,80V,100mA,SOT-23,			Q140	0501-000280 TR-SMALL SIGNAL:KSA1182,PNP,150mW,SOT-23	
	D116	0401-000003 DIODE-SWITCHING:1SS193,80V,100mA,SOT-23,			Q141	0501-000280 TR-SMALL SIGNAL:KSA1182,PNP,150mW,SOT-23	
	D117	0401-000003 DIODE-SWITCHING:1SS193,80V,100mA,SOT-23,			Q142	0501-000280 TR-SMALL SIGNAL:KSA1182,PNP,150mW,SOT-23	
	D200	0403-000689 DIODE-ZENER-DTZ5.1A,5.1V,4.84-5.04V,200m			Q143	0501-000280 TR-SMALL SIGNAL:KSA1182,PNP,150mW,SOT-23	
	D201	0403-000689 DIODE-ZENER-DTZ5.1A,5.1V,4.84-5.04V,200m			Q144	0501-000280 TR-SMALL SIGNAL:KSA1182,PNP,150mW,SOT-23	
	D203	0403-000689 DIODE-ZENER-DTZ5.1A,5.1V,4.84-5.04V,200m			Q145	0501-000280 TR-SMALL SIGNAL:KSA1182,PNP,150mW,SOT-23	
	△IC104	1001-000105 IC-ANALOG SWITCH:CD4066BM,BILATERAL CMOS			Q146	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT-	
	△IC106	1201-000167 IC-OPAMP:358,SOP,8P,150MIL,DUAL,100V/mV			Q200	0505-000257 FET-SILICON:2SK217,N,-,20mA,-,150mW,SOT	
	△IC112	AA13-30006BIC-MCU-,AT89C52-24,-,DIP,-,40P,600MI			Q201	0505-000257 FET-SILICON:2SK217,N,-,20mA,-,150mW,SOT	
	△IC113	1002-000131 IC-A/D&D/ACONVERTER:PCM55HP,16BIT,SOP,2			Q202	0505-000257 FET-SILICON:2SK217,N,-,20mA,-,150mW,SOT	
	△IC114	1002-000131 IC-A/D&D/ACONVERTER:PCM55HP,16BIT,SOP,2			Q203	0505-000257 FET-SILICON:2SK217,N,-,20mA,-,150mW,SOT	
	△IC115	1002-000131 IC-A/D&D/ACONVERTER:PCM55HP,16BIT,SOP,2			Q204	0505-000257 FET-SILICON:2SK217,N,-,20mA,-,150mW,SOT	
	△IC132	0801-001156 IC-CMOS LOGIC:74HC4066,BILATERAL SWITCH,			Q205	0505-000257 FET-SILICON:2SK217,N,-,20mA,-,150mW,SOT	
	△IC133	0801-001156 IC-CMOS LOGIC:74HC4066,BILATERAL SWITCH,			R100	2007-000282 R-CHIP:100KOHM,5%,1/10W,DA,TP,2012	
	△IC135	1001-000105 IC-ANALOG SWITCH:CD4066BM,BILATERAL CMOS			R101	2007-000282 R-CHIP:100KOHM,5%,1/10W,DA,TP,2012	
	△IC136	1001-000105 IC-ANALOG SWITCH:CD4066BM,BILATERAL CMOS			R102	2007-000468 R-CHIP:1KOHM,5%,1/10W,DA,TP,2012	
	△IC141	1103-000139 IC-EEPROM:24C16,2KX8BIT,DIP,8P,300MIL,10			R103	2007-000468 R-CHIP:1KOHM,5%,1/10W,DA,TP,2012	
	△IC142	1201-000480 IC-VIDEOAMP:14577,SOP,8P,150MIL,DUAL,7d			R104	2007-000468 R-CHIP:1KOHM,5%,1/10W,DA,TP,2012	
	△IC143	AA13-10001XIC-ASIC-,DCS04,QFP,160P,CONV CONTROL			R105	2007-000586 R-CHIP:22KOHM,5%,1/10W,DA,TP,2012	
	L100	AA26-10001YTRANS-IF-,5CA,IF,10uH,5mm,-,2.52MHz,ST			R106	2007-000468 R-CHIP:1KOHM,5%,1/10W,DA,TP,2012	
	L102	2703-000248 INDUCTOR-SMD 820uH,5%,4.5x3.2x3.2mm			R107	2007-000468 R-CHIP:1KOHM,5%,1/10W,DA,TP,2012	
	L103	2703-000248 INDUCTOR-SMD 820uH,5%,4.5x3.2x3.2mm			R108	2007-000468 R-CHIP:1KOHM,5%,1/10W,DA,TP,2012	
	L104	2703-000248 INDUCTOR-SMD 820uH,5%,4.5x3.2x3.2mm			R109	2007-000872 R-CHIP:4.7KOHM,5%,1/10W,DA,TP,2012	
	L105	2703-000248 INDUCTOR-SMD 820uH,5%,4.5x3.2x3.2mm			R110	2007-000409 R-CHIP:15KOHM,5%,1/10W,DA,TP,2012	
	L106	2703-000248 INDUCTOR-SMD 820uH,5%,4.5x3.2x3.2mm			R111	2007-000572 R-CHIP:220OHM,5%,1/10W,DA,TP,2012	
	L107	2703-000248 INDUCTOR-SMD 820uH,5%,4.5x3.2x3.2mm			R112	2007-000409 R-CHIP:15KOHM,5%,1/10W,DA,TP,2012	
	L108	2703-000155 INDUCTOR-SMD:1mH,5%,3.2x4.5x3.2mm			R113	2007-000468 R-CHIP:1KOHM,5%,1/10W,DA,TP,2012	
	L109	2703-000155 INDUCTOR-SMD:1mH,5%,3.2x4.5x3.2mm			R114	2007-000586 R-CHIP:22KOHM,5%,1/10W,DA,TP,2012	
	L110	2703-000155 INDUCTOR-SMD:1mH,5%,3.2x4.5x3.2mm			R115	2007-000830 R-CHIP:39KOHM,5%,1/10W,DA,TP,2012	
	L111	2703-000155 INDUCTOR-SMD:1mH,5%,3.2x4.5x3.2mm			R116	2007-000468 R-CHIP:1KOHM,5%,1/10W,DA,TP,2012	
	L112	2703-000155 INDUCTOR-SMD:1mH,5%,3.2x4.5x3.2mm			R118	2007-000830 R-CHIP:39KOHM,5%,1/10W,DA,TP,2012	
	L113	2703-000155 INDUCTOR-SMD:1mH,5%,3.2x4.5x3.2mm			R119	2007-000586 R-CHIP:22KOHM,5%,1/10W,DA,TP,2012	
	L121	2901-000297 FILTER-EMI ON BOARD-,3A,-,3.5x5,TP,-			R120	2007-000415 R-CHIP:150OHM,5%,1/10W,DA,TP,2012	
	L122	2703-000392 INDUCTOR-SMD:10uH,5%,4.5x3.2x2.2mm			R121	2007-000300 R-CHIP:10KOHM,5%,1/10W,DA,TP,2012	
	L123	2703-000392 INDUCTOR-SMD:10uH,5%,4.5x3.2x2.2mm			R122	2007-000586 R-CHIP:22KOHM,5%,1/10W,DA,TP,2012	
	L124	2703-000392 INDUCTOR-SMD:10uH,5%,4.5x3.2x2.2mm			R123	2007-000282 R-CHIP:100KOHM,5%,1/10W,DA,TP,2012	
	PCB	AA41-10897P PCB-CONV:KPT51A,2L,FR-4,245x180x1.6T,A2			R125	2007-000586 R-CHIP:22KOHM,5%,1/10W,DA,TP,2012	
	Q100	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT-			R130	2007-000872 R-CHIP:4.7KOHM,5%,1/10W,DA,TP,2012	
	Q101	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R131	2007-000872 R-CHIP:4.7KOHM,5%,1/10W,DA,TP,2012	
	Q102	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R132	2007-000872 R-CHIP:4.7KOHM,5%,1/10W,DA,TP,2012	
	Q103	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R133	2007-000872 R-CHIP:4.7KOHM,5%,1/10W,DA,TP,2012	
	Q104	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R134	2007-000872 R-CHIP:4.7KOHM,5%,1/10W,DA,TP,2012	
	Q105	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R135	2007-000872 R-CHIP:4.7KOHM,5%,1/10W,DA,TP,2012	
	Q106	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R136	2007-000872 R-CHIP:4.7KOHM,5%,1/10W,DA,TP,2012	
	Q107	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R137	2007-000872 R-CHIP:4.7KOHM,5%,1/10W,DA,TP,2012	
	Q108	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R138	2007-000468 R-CHIP:1KOHM,5%,1/10W,DA,TP,2012	
	Q109	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R139	2007-000267 R-CHIP:1.8KOHM,5%,1/10W,DA,TP,2012	
	Q110	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R140	2007-000304 R-CHIP:10MOHM,5%,1/10W,DA,TP,2012	
	Q111	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R141	2007-000468 R-CHIP:1KOHM,5%,1/10W,DA,TP,2012	
	Q112	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R150	2007-000300 R-CHIP:10KOHM,5%,1/10W,DA,TP,2012	
	Q113	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R151	2007-000872 R-CHIP:4.7KOHM,5%,1/10W,DA,TP,2012	
	Q114	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R152	2007-000493 R-CHIP:2.2KOHM,5%,1/10W,DA,TP,2012	
	Q115	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R153	2007-000872 R-CHIP:4.7KOHM,5%,1/10W,DA,TP,2012	
	Q116	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R154	2007-000300 R-CHIP:10KOHM,5%,1/10W,DA,TP,2012	
	Q117	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R155	2007-000872 R-CHIP:4.7KOHM,5%,1/10W,DA,TP,2012	
	Q118	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R157	2007-001166 R-CHIP:750OHM,5%,1/10W,DA,TP,2012	
	Q119	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R158	2007-000300 R-CHIP:10KOHM,5%,1/10W,DA,TP,2012	
	Q120	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R159	2007-000221 R-CHIP:1.2KOHM,5%,1/10W,DA,TP,2012	
	Q121	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R160	2007-000300 R-CHIP:10KOHM,5%,1/10W,DA,TP,2012	
	Q122	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R161	2007-000468 R-CHIP:1KOHM,5%,1/10W,DA,TP,2012	
	Q123	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R162	2007-000468 R-CHIP:1KOHM,5%,1/10W,DA,TP,2012	
	Q124	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R163	2007-000468 R-CHIP:1KOHM,5%,1/10W,DA,TP,2012	
	Q125	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R164	2007-000300 R-CHIP:10KOHM,5%,1/10W,DA,TP,2012	
	Q126	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R165	2007-000380 R-CHIP:13KOHM,5%,1/10W,DA,TP,2012	
	Q127	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R168	2007-000653 R-CHIP:27KOHM,5%,1/10W,DA,TP,2012	
	Q128	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R170	2007-000029 R-CHIP:0OHM,5%,1/10W,DA,TP,2012	
	Q129	0501-000342 TR-SMALL SIGNAL:KSC1623-Y,NPN,200mW,SOT			R172	2007-000029 R-CHIP:0OHM,5%,1/10W,DA,TP,2012	

8. Block Diagrams

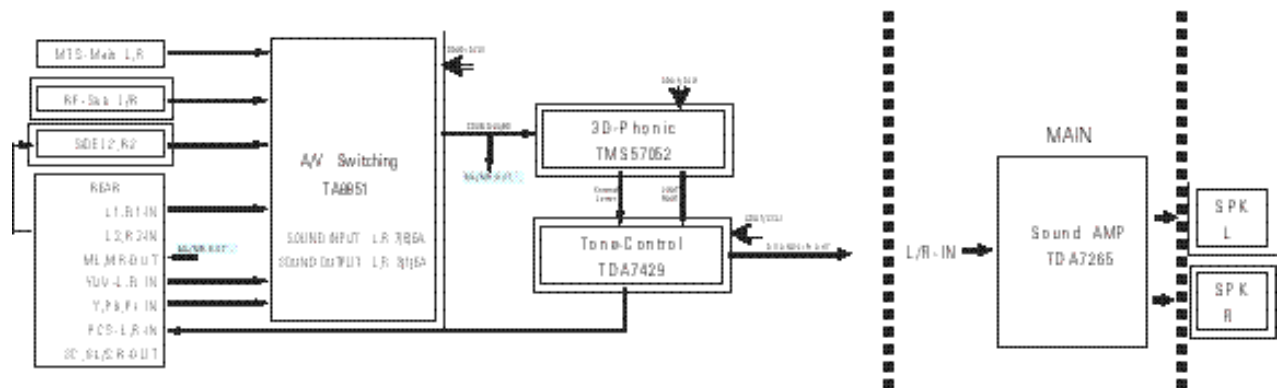
8-1 Main Signal



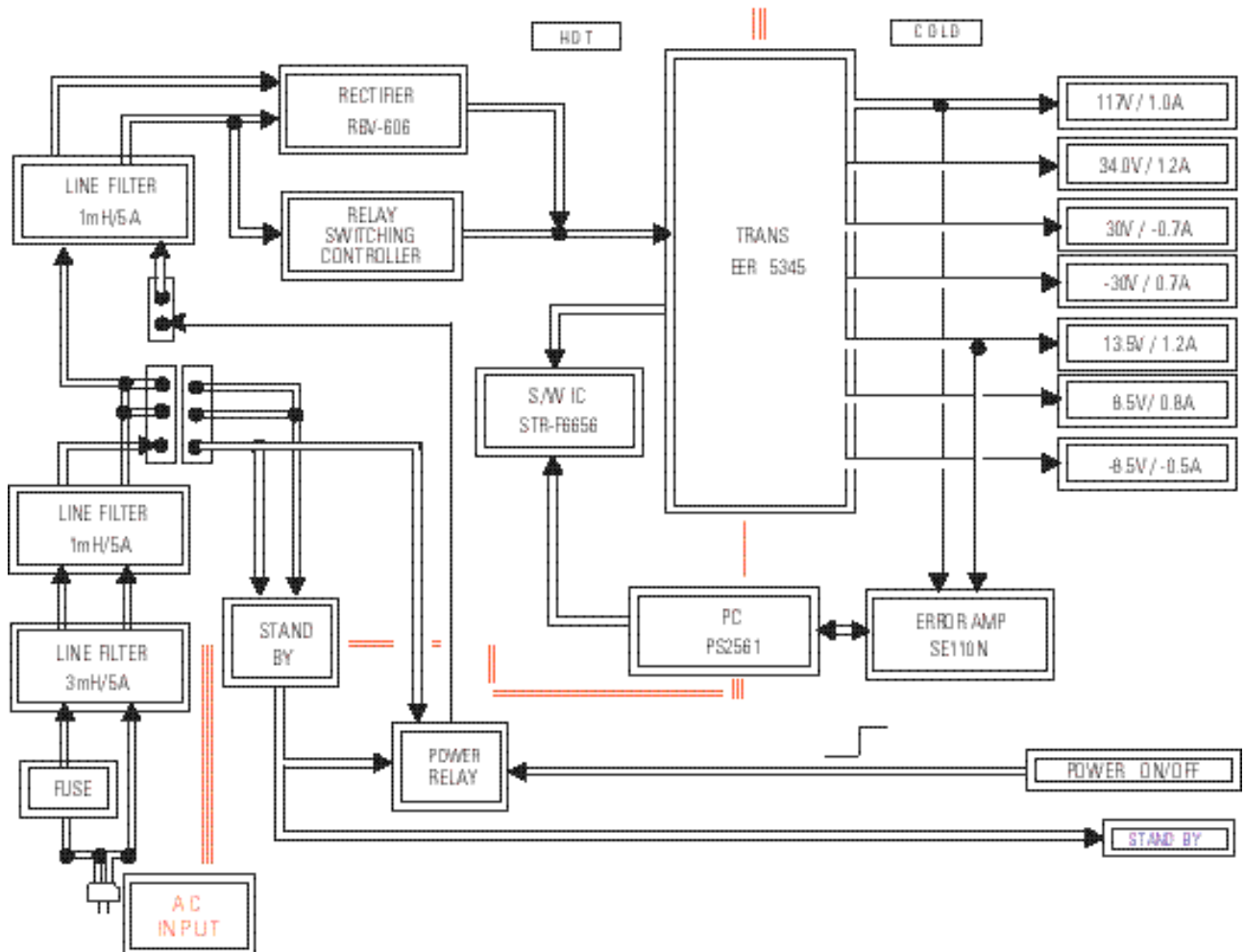
8-2 VIDEO SIGNAL



8-3 Sound SIGNAL



8-4 POWER SUPPLY



MEMO

9. Wiring Diagram

