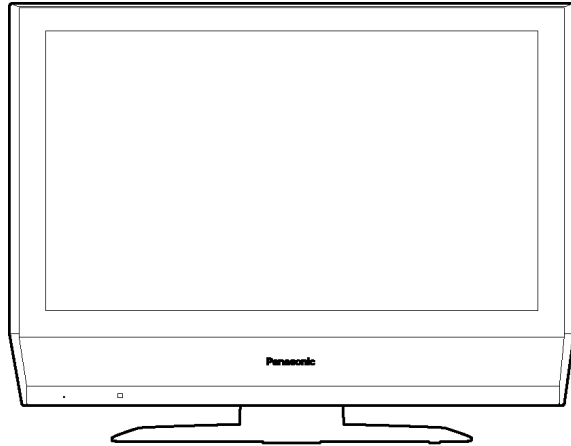


Service Manual

LCD Television



TC-26LX70L
TC-32LX70L
LH58A Chassis

Specifications

Power Source	AC 110-220 V, 50/60 Hz	
Power Consumption		
Average use	105 W (TC-26LX70L) 118 W (TC-32LX70L)	
Maximum Current	1.3 A (TC-26LX70L) 1.5 A (TC-32LX70L)	
Standby condition	0.6 W	
Aspect Ratio	16 : 9	
Visible screen size (W × H × Diagonal)	26.0 " DIAGONAL (66.1 cm DIAGONAL) (TC-26LX70L) 31.5 " DIAGONAL (80.0 cm DIAGONAL) (TC-32LX70L) 576 mm × 324 mm × 661 mm (TC-26LX70L) 698 mm × 392 mm × 800 mm (TC-32LX70L)	
(No. of pixels)	1,049,088 (1,366 (W) × 768(H)) [4,098 × 768 dots]	
Sound		
Speaker	60 mm × 120 mm Gama completa × 2 pcs	
Audio Output	20 W [10 W + 10 W] (10 % THD)	
Headphones	M3 (3.5mm) Jack × 1	
Channel Capability	VHF/UHF: 2 - 69, CATV: 1 - 125	
Operating Conditions	Temperature: 32 °F - 95 °F (0 °C - 35 °C)	
Connection Terminals		
INPUT 1-2	VIDEO:	RCA PIN Type × 1 1.0 V [p-p] (75 ohm)
	S-VIDEO:	Mini DIN 4-pin Y: 1.0 V [p-p] (75 ohm) C: 0.286 V [p-p] (75 ohm)
	AUDIO L-R:	RCA PIN Type × 2 0.5 V [rms]
INPUT 3	VIDEO:	RCA PIN Type × 1 1.0 V [p-p] (75 ohm)
	AUDIO L-R:	RCA PIN Type × 2 0.5 V [rms]
COMPONENT	Y:	1.0 V [p-p] (including synchronization)
VIDEO INPUT	P _B , P _R :	± 0.35 V [p-p]

HDMI AUDIO IN OUTPUT	AUDIO L-R:	RCA PIN Type × 2 0.5 V [rms]
	TYPE A Connector × 1	
	AUDIO L-R:	RCA PIN Type × 2 0.5 V [rms]
	VIDEO:	RCA PIN Type × 1 1.0 V [p-p] (75 ohm)
FEATURES	AUDIO L-R:	RCA PIN Type × 2 0.5 V [rms]
	3D Y/C Digital Comb Filter, CLOSED CAPTION, V-Chip	
	HDMI	
	Vesa compatible	
Dimensions (W × H × D)		
	Including TV stand	657 mm × 525 mm × 239 mm (TC-26LX70L)
		791 mm × 615 mm × 239 mm (TC-32LX70L)
	TV Set only	657 mm × 473 mm × 117 mm (TC-26LX70L)
		791 mm × 563 mm × 117 mm (TC-32LX70L)
Mass	14.0 kg NET (TC-26LX70L)	
	17.0 kg NET (TC-32LX70L)	

Note:

Design and Specifications are subject change without notice. Weight and Dimensions shown are approximate.

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Applicable signals

* Mark: Applicable input signal for Component (Y, P_B, P_R) and HDMI

	horizontal frequency (kHz)	vertical frequency (kHz)	COMPONENT	HDMI
525 (480) / 60i	15.73	59.94	*	*
525 (480) /60p	31.47	59.94	*	*
750 (720) /60p	45.00	59.94	*	*
1,125 (1,080) /60i	33.75	59.94	*	*

Note:

- Signals other than those shown above may not be displayed properly.
- The above signals are reformatted for optimal viewing on your display.

2 Safety Precautions

2.1. General Guidelines

1. When conducting repairs and servicing, do not attempt to modify the equipment, its parts or its materials.
2. When wiring units (with cables, flexible cables or lead wires) are supplied as repair parts and only one wire or some of the wires have been broken or disconnected, do not attempt to repair or re-wire the units. Replace the entire wiring unit instead.
3. When conducting repairs and servicing, do not twist the Faston connectors but plug them straight in or unplug them straight out.
4. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
5. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
6. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

2.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be 100Mohm and over.

When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

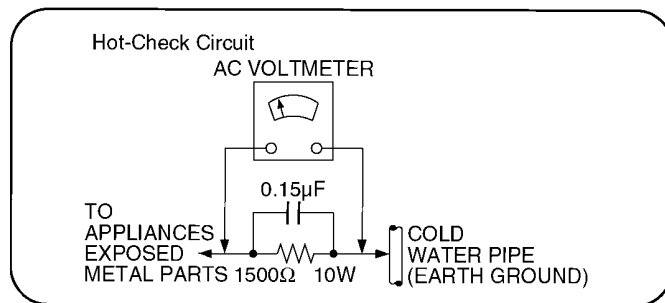


Figure 1

2.1.2. Leakage Current Hot Check (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 1.5kohm, 10 watts resistor, in parallel with a 0.15µF capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

3 Prevention of Electrostatic Discharge (ESD) to Electrostatically Sensitive (ES) Devices

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


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

Caution

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

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

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by  in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

4 About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

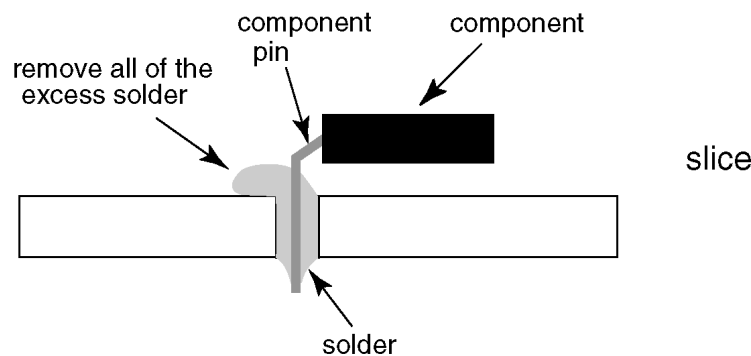
PCBs manufactured using lead free solder will have the PbF within a leaf Symbol **PbF** stamped on the back of PCB.

Caution

- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).

If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.

- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)

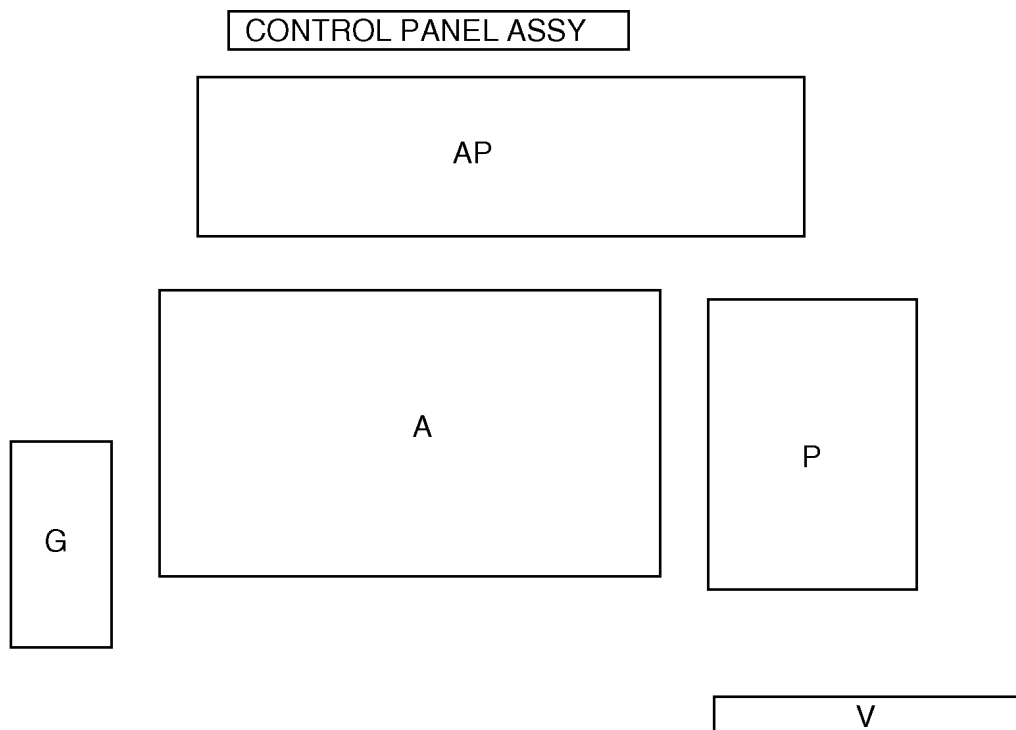


Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

0.3mm X 100g	0.6mm X 100g	1.0mm X 100g

5 Chassis Board Layout

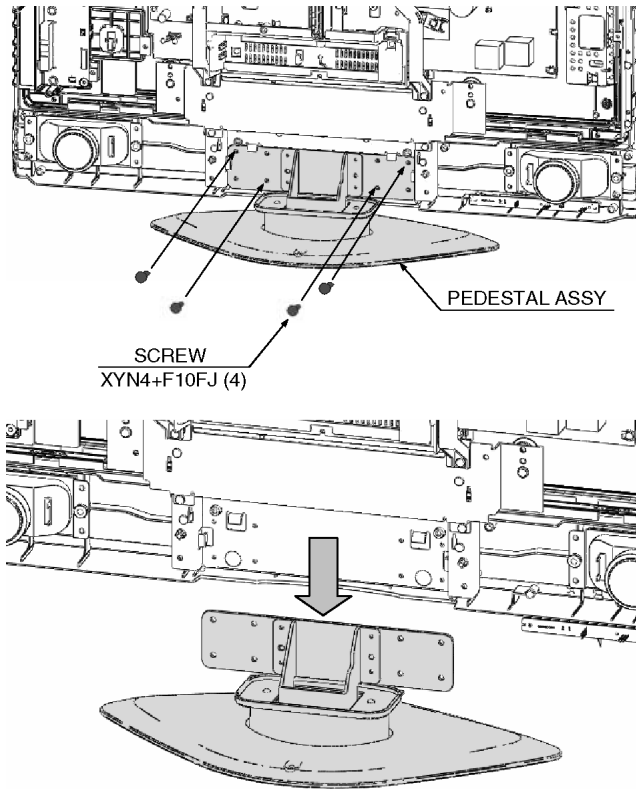


Board Name	Function
A-Board	Main(Rear Terminal, AV Switch, MCU, Audio & Video Processor, LVDS)
AP-Board	DC-DC, Power switch
G-Board	Video3, Headphone jack
V-Board	Remote Receiver, LED
P-Board	Power (AC/DC) None serviceable P-Board should be exchanged for service.
Control Panel Assy	Control Button None serviceable Control Panel Assy should be exchanged for service.

6 Disassembly for Service

6.1. Pedestal assy

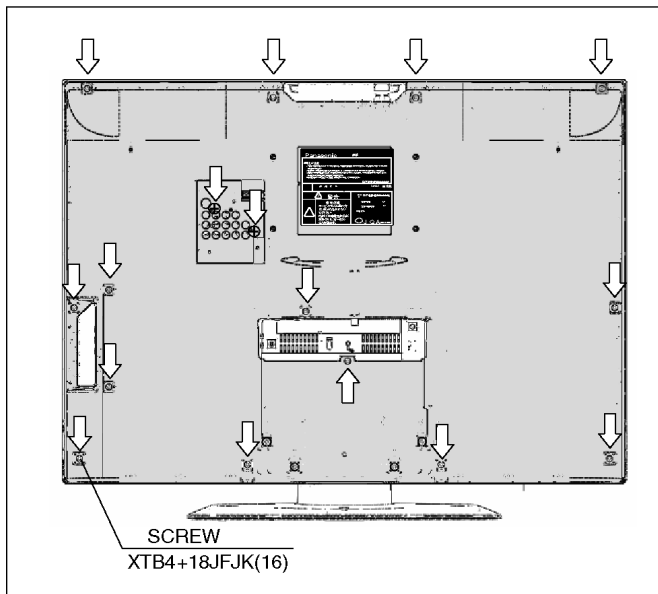
1. Lay down the unit so that the rear cover faces upward.
2. Remove the 4 screws.
3. Remove the pedestal assy.



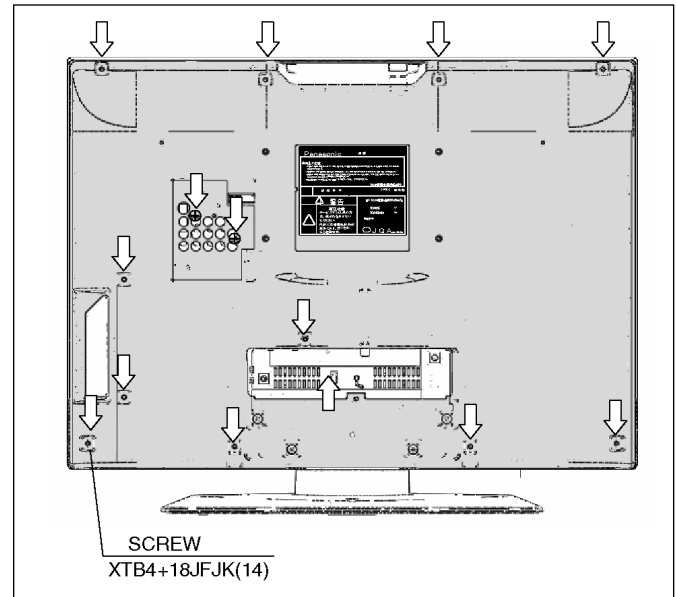
6.2. Rear cover

1. Remove the 16 (32") / 14 (26") screws.
2. Remove the rear cover.

32inch

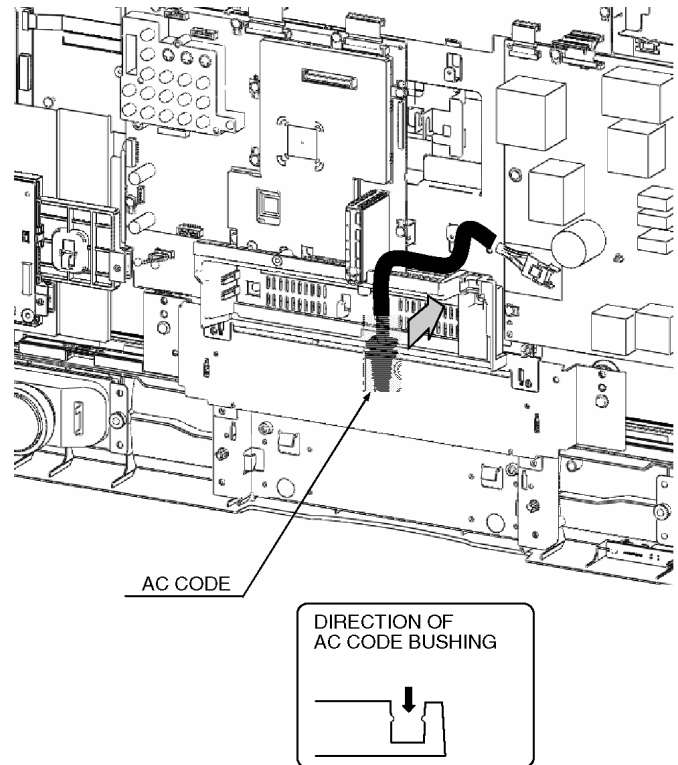


26inch



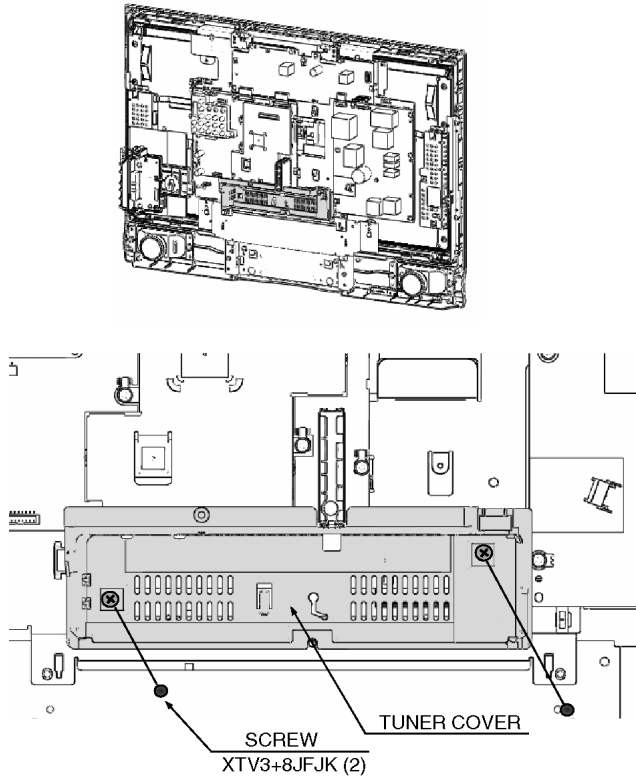
6.3. AC cord

1. Remove the bushing of the AC cord from the tuner cover.
2. Disconnect the connector (CN1) of AC cord.



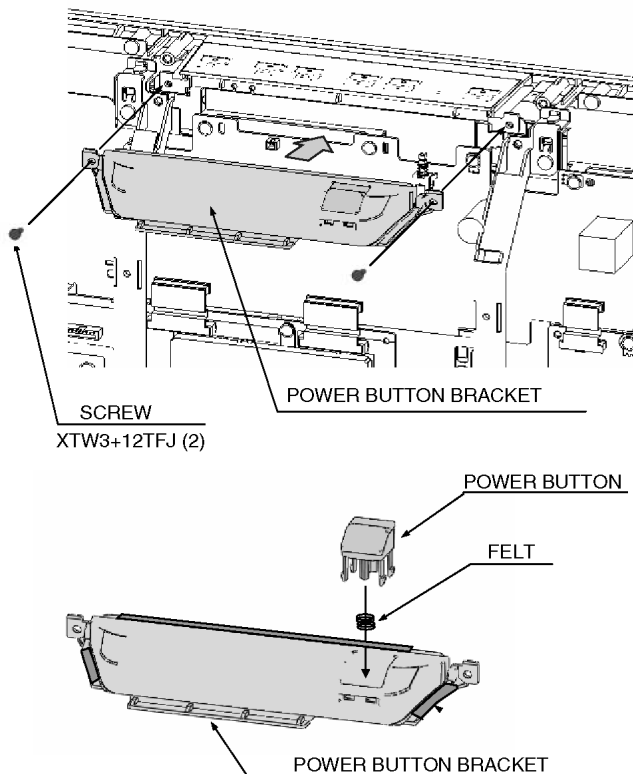
6.4. Tuner cover

1. Remove the 2 screws.
2. Remove the tuner cover.



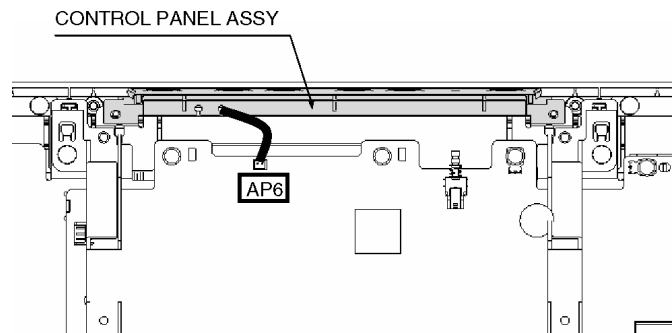
6.5. Power button bracket

1. Remove the 2 screws.
2. Remove the power button bracket.



6.6. Control panel assy

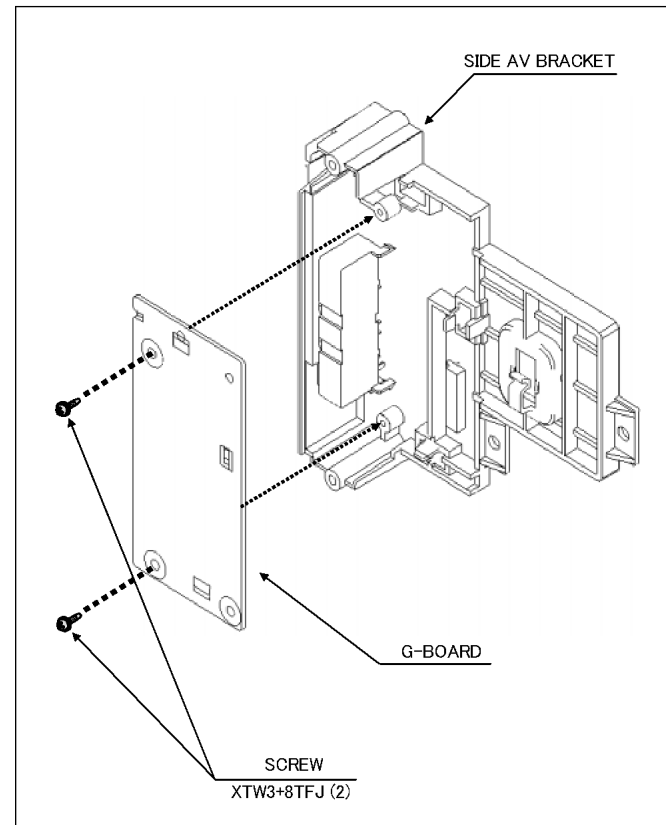
1. Remove the power button bracket. (See section 6.5.)
2. Disconnect the connector (AP6).
3. Remove the control panel assy.



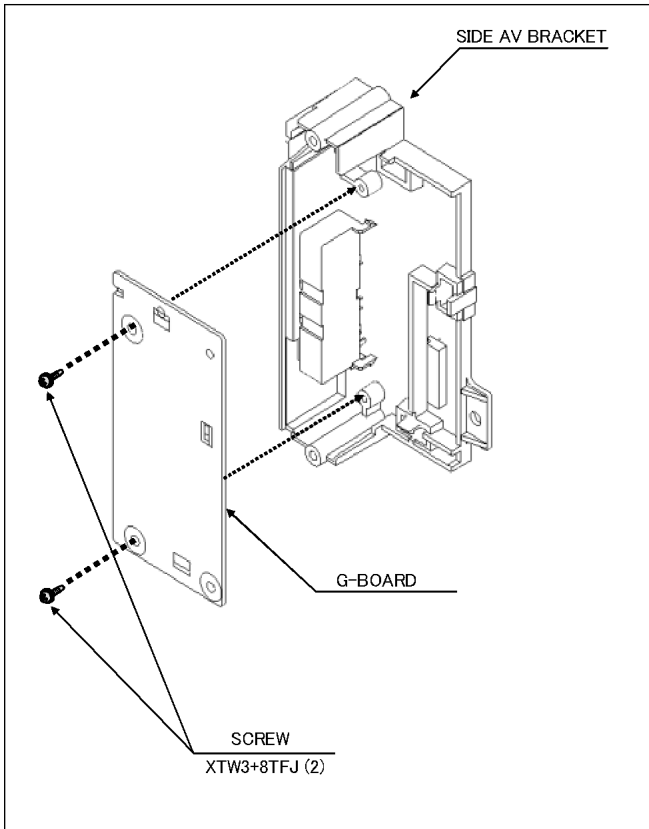
6.7. G-Board

1. Remove the 2 screws.
2. Disconnect the connector (G4).
3. Remove the G-Board.

32inch



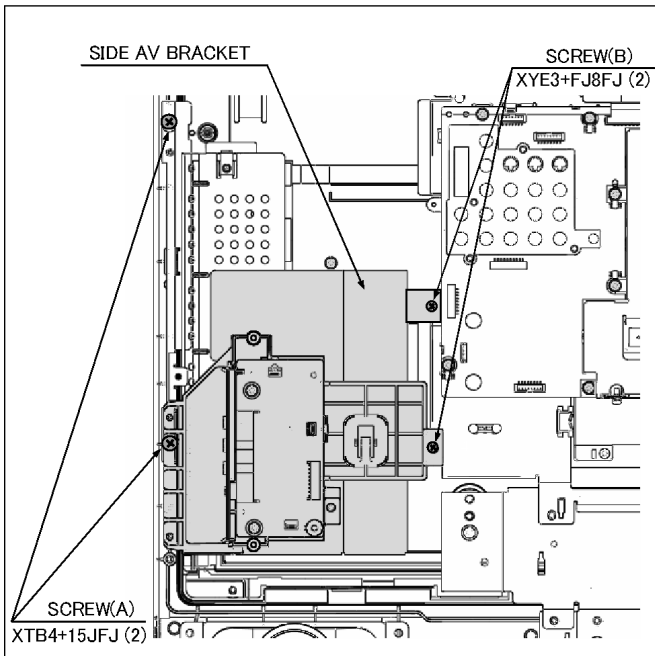
26inch



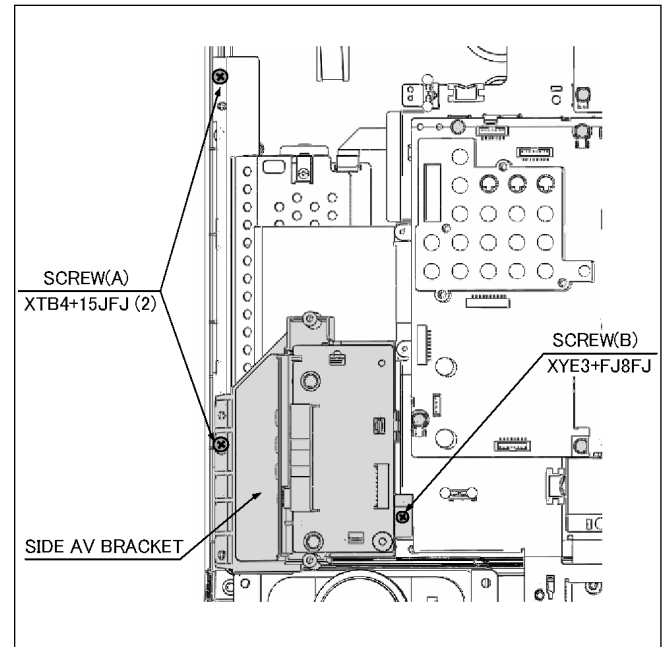
6.8. Side AV bracket and Inverter shield

1. Remove the screw (A).
2. Remove the screw (B).

32inch



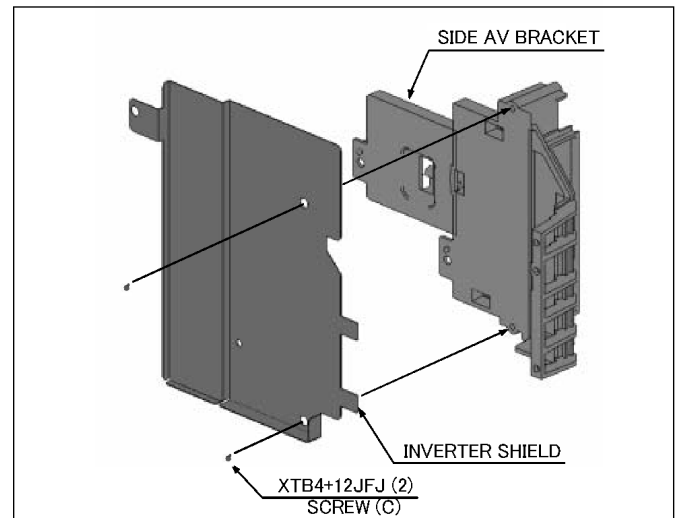
26inch



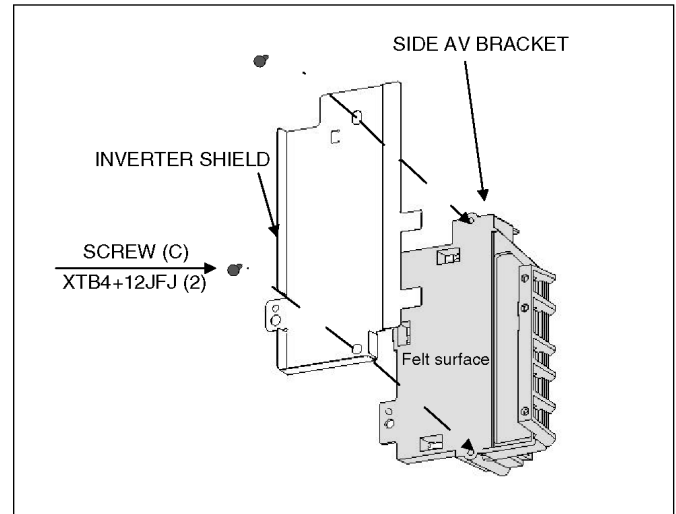
3. Remove the 2 screws (C).

4. Remove the side AV bracket and the inverter shield.

32inch

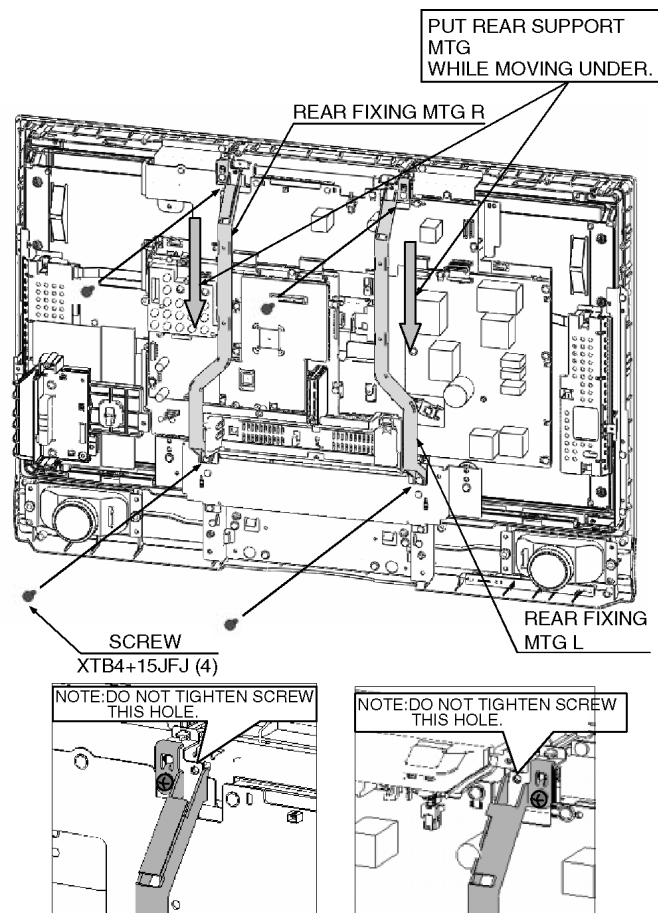


26inch



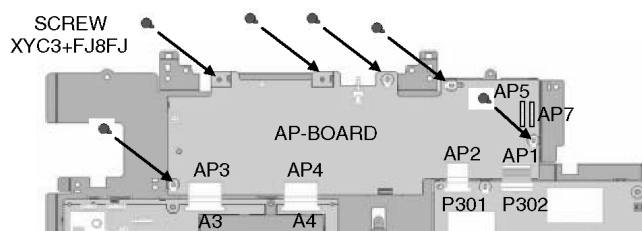
6.9. Rear fixing MTG

1. Remove the 4 screws.
2. Remove the rear fixing MTG.



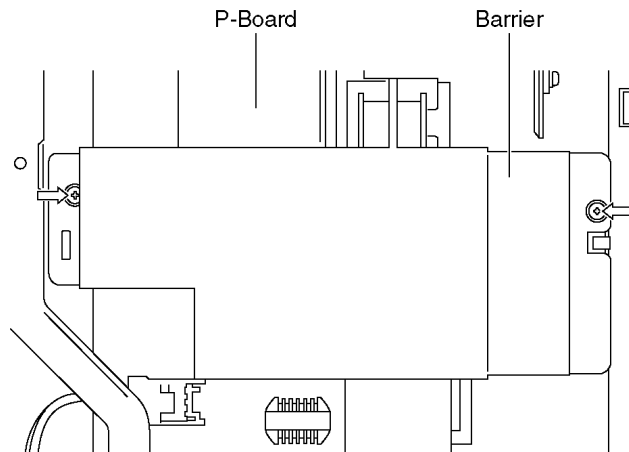
6.10. AP-Board

1. Remove the 6 screws.
2. Disconnect the connectors (A3/A4/AP5/AP7/P301/P302).
3. Remove the AP-Board.

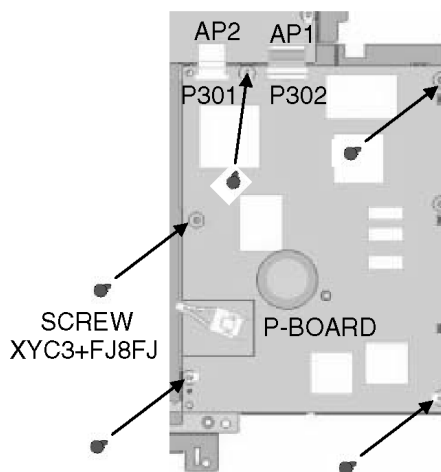


6.11. P-Board

1. Remove the 2 screws.
2. Remove the Barrier.

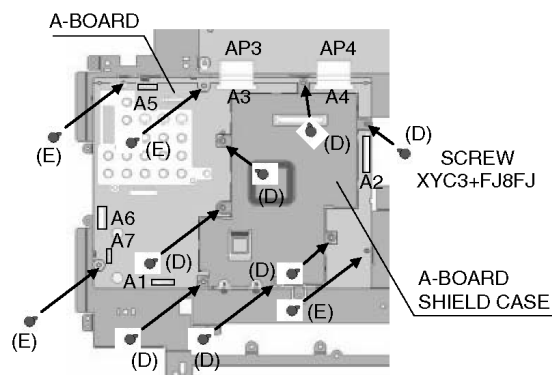


3. Disconnect the connectors (P301/P302).
4. Remove the 5 screws.
5. Remove the P-Board.



6.12. A-Board

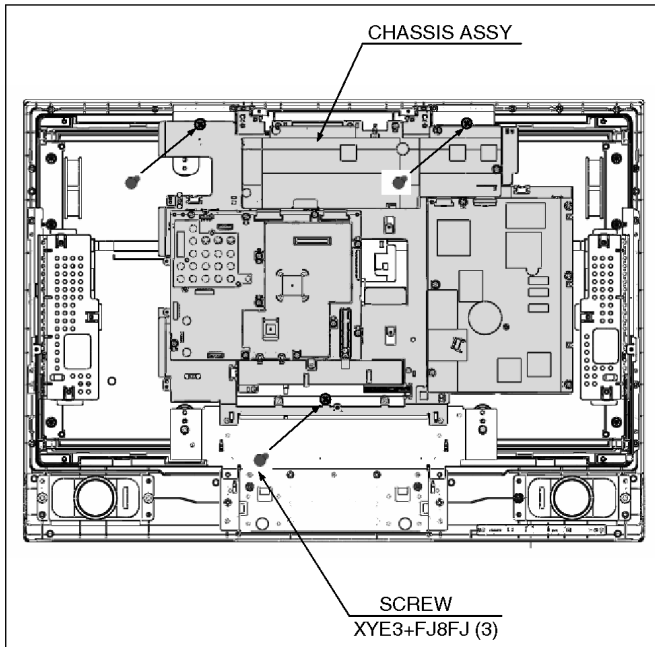
1. Remove the 7 screws (D).
2. Remove the A-Board shield case.
3. Remove the 4 screws (E).
4. Disconnect the connectors (A1/A2/A3/A4/A5/A6/A7).
5. Remove the A-Board.



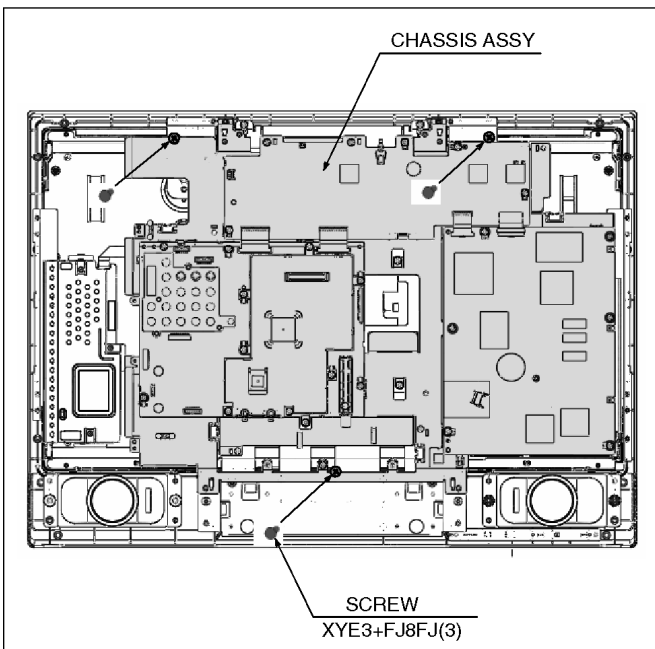
6.13. Chassis assy

1. Remove the 3 screws.
2. Remove the chassis assy.

32inch



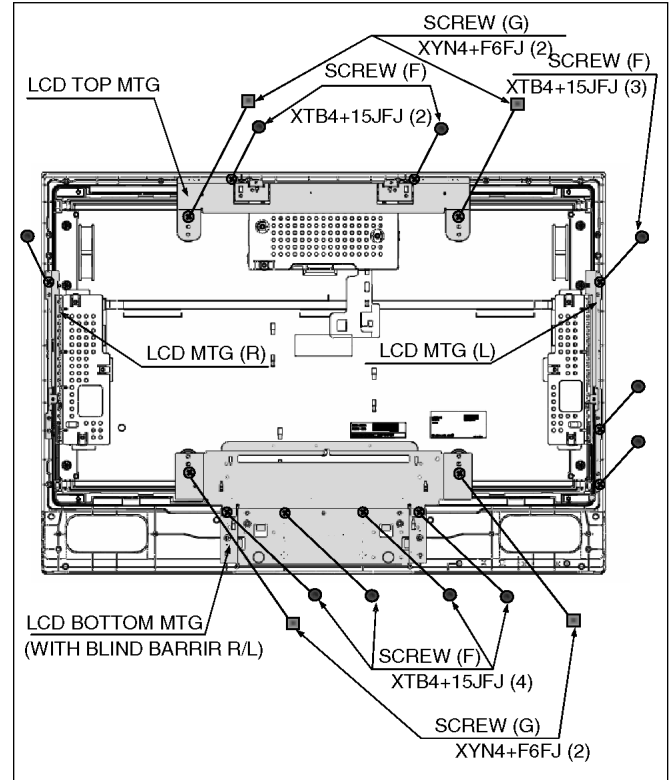
26inch



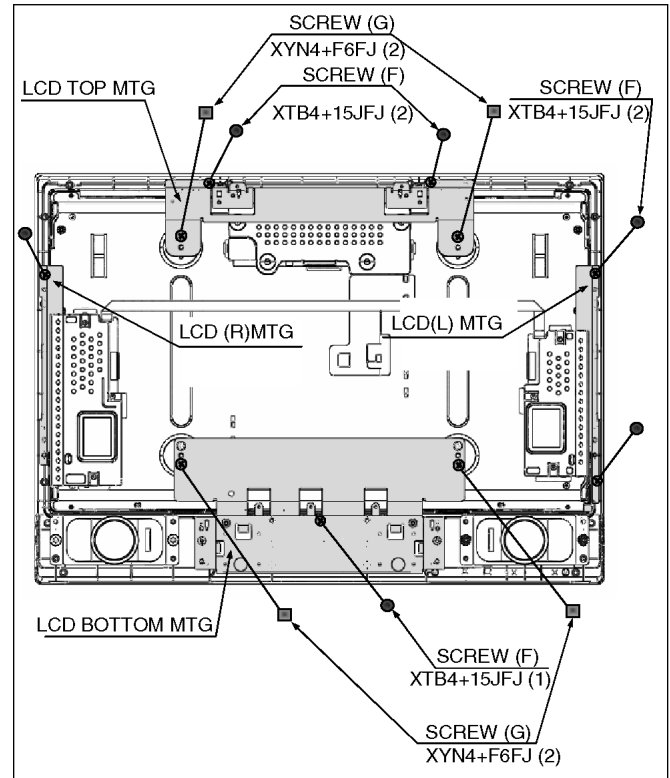
6.14. LCD MTG and LCD panel

1. Remove the 10 (32") / 6 (26") screws (F).
2. Remove the 4 (32") / 4 (26") screws (G).
3. Remove the LCD MTG.

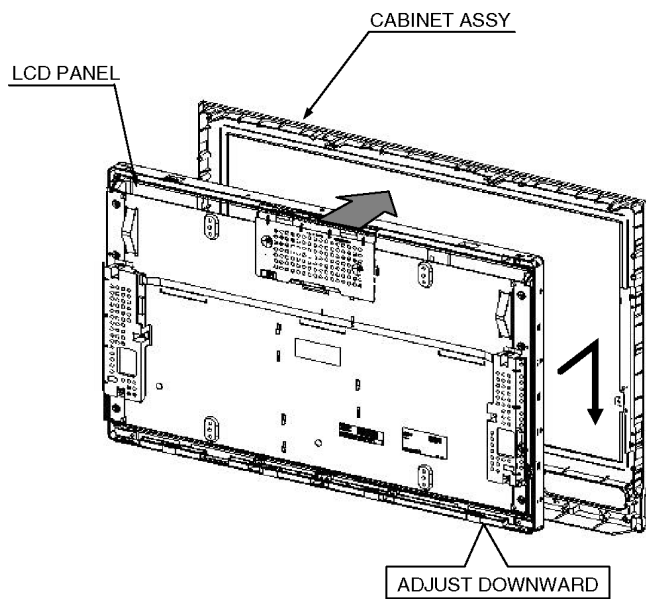
32inch



26inch

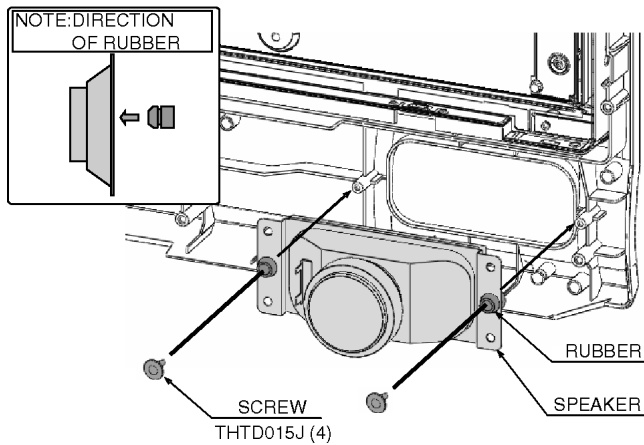
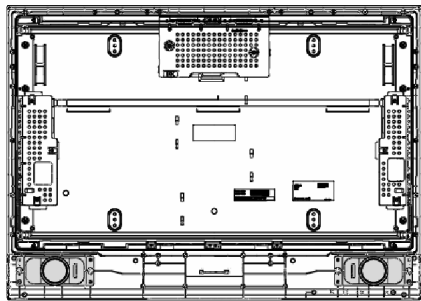


4. Remove the LCD panel.



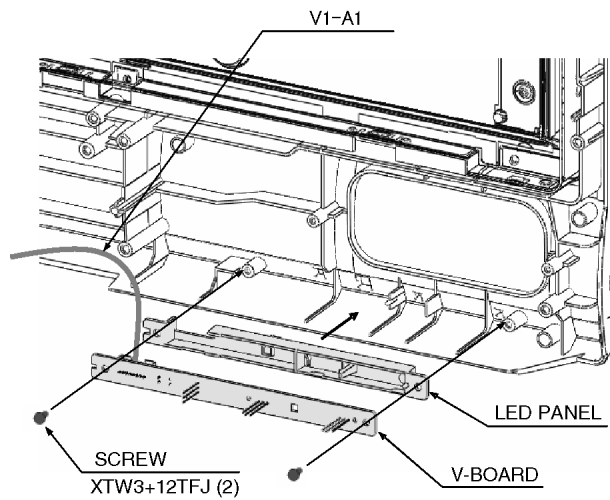
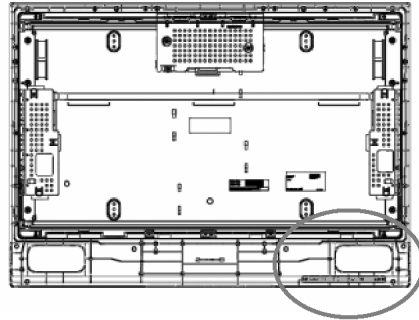
6.15. Speaker

1. Remove the 2 screws.
2. Remove the speaker.



6.16. V-Board

1. Remove the 2 screws.
2. Disconnect the connector (V1).
3. Remove the V-Board.



7 Caution statement

7.1. Caution statement.

Caution:

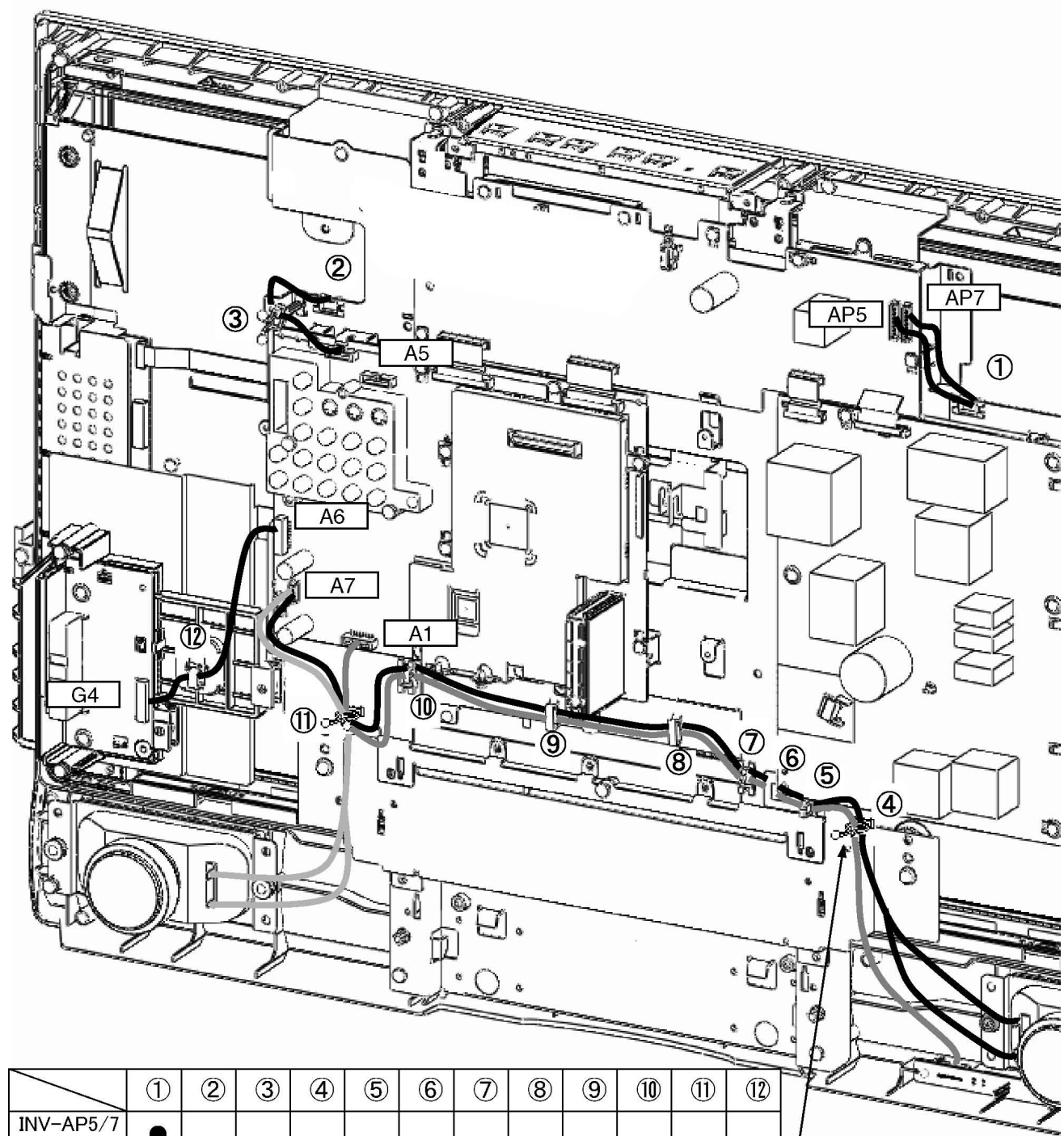
Please confirm that all flexible cables are assembled correctly.

Also make sure that they are locked in the connectors.

Verify by giving the flexible cables a very slight pull.

8 Location of Lead Wiring

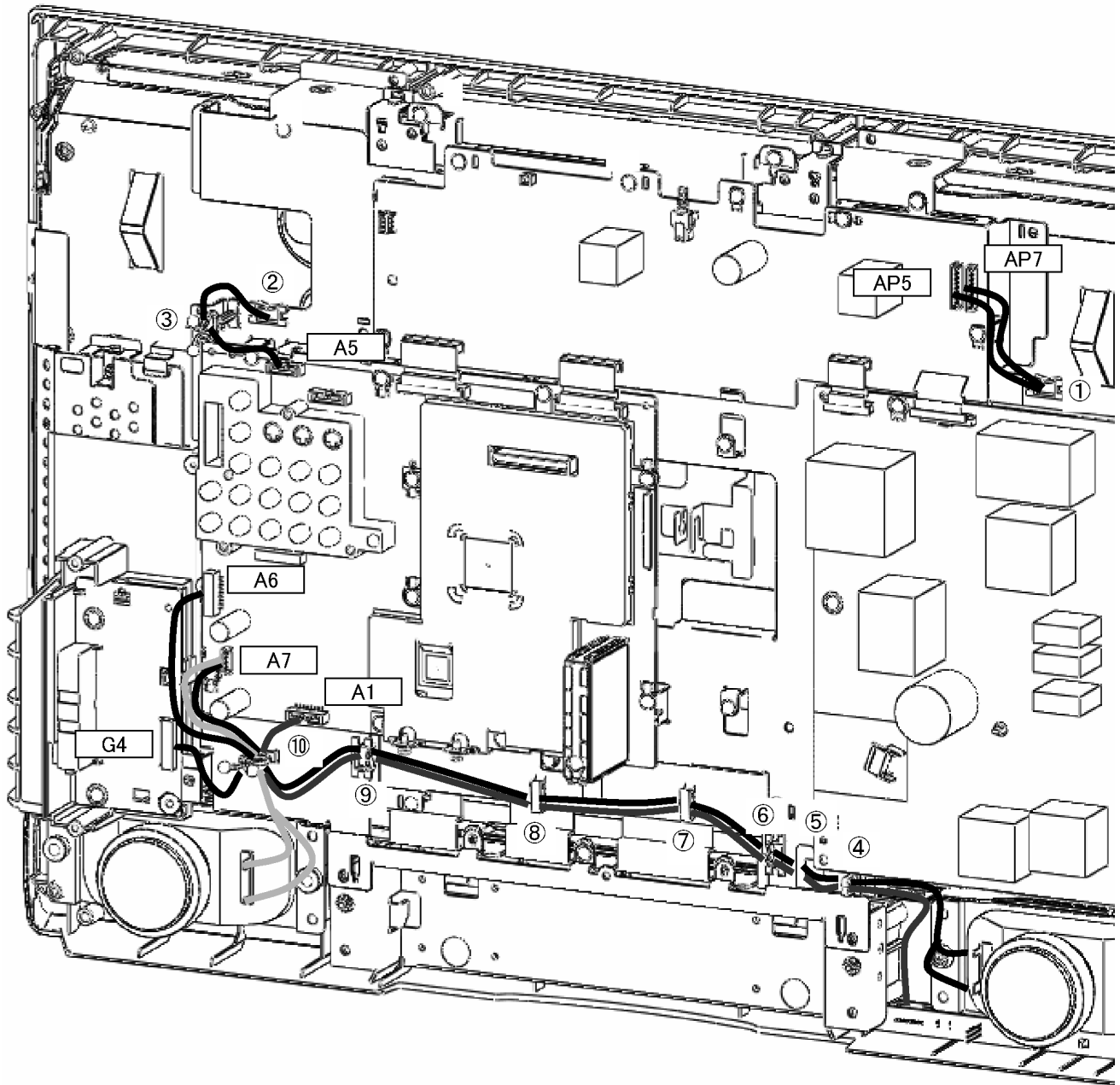
8.1. Wire dressing (32 inch)



	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫
INV-AP5/7	●											
V1-A1							●	●	●	●	●	
SP(R)-A7				●	●	●	●	●	●	●	●	
SP(L)-A7				●	●	●	●	●	●	●	●	
G4-A6												●
INV-A5		●	●									

TMME047
CLAMPER

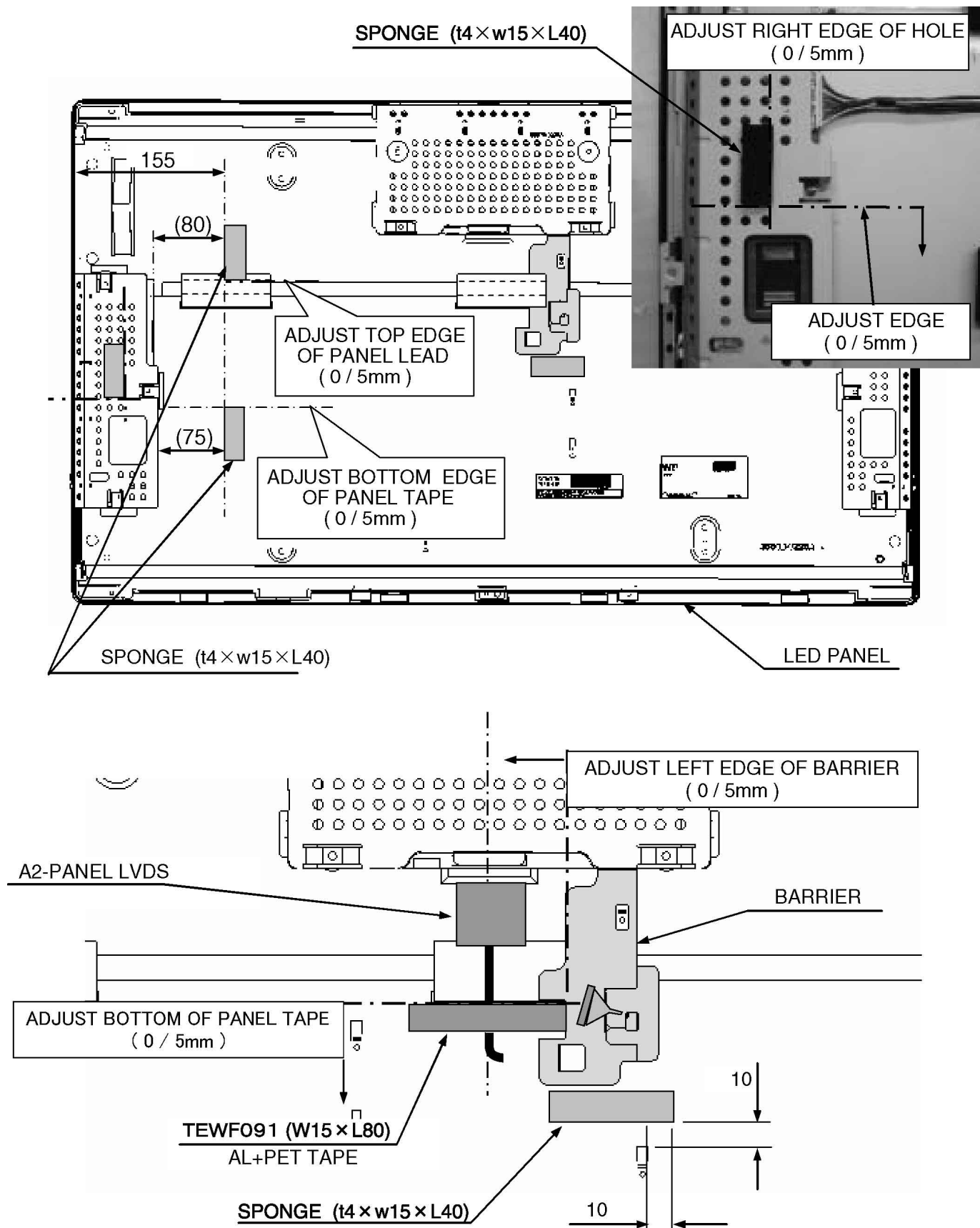
8.2. Wire dressing (26 inch)



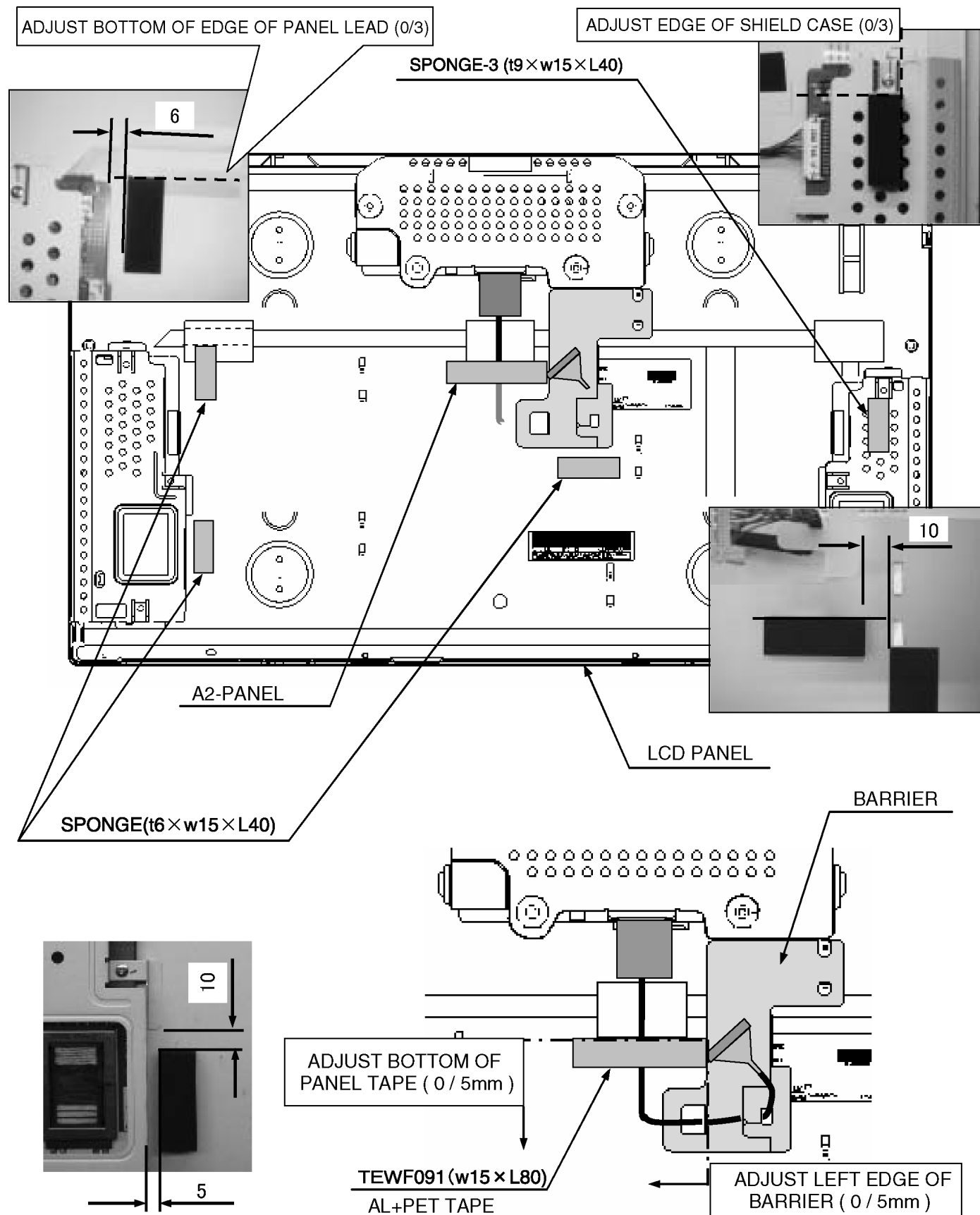
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
INV-AP5/7	●									
V1-A1				●	●	●	●	●	●	●
SP(R)-A7										●
SP(L)-A7				●	●	●	●	●	●	●
G4-A6										●
INV-A5		●	●							

9 EMI Processing

9.1. EMI (32 inch)



9.2. EMI (26 inch)



10 Self-check Function

Use the self-check function to test the unit.

1. Checking the IIC bus lines
2. Power LED Blinking timing

10.1. Check of the IIC bus lines

10.1.1. How to access

Produce TV reception screen, and while pressing [VOLUME (-)] button on the main unit, press [SLEEP] button on the remote control for more than 3 seconds.

10.1.2. Exit

Press the POWER button twice (off/on) to return to the normal screen.

10.1.3. Screen display

```
SELF CHECK                00100 -0010B
UV      OK      AVSWA  OK      FPGA   OK
HDMI    OK      MEM    OK      VCTP    OK
CEC     OK
```

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Electric Industrial Co.,Ltd

10.1.4. Check Point

Confirm the following parts if NG was displayed.

DISPLAY	Ref.No.	Description	P.C.B.
UV	TU001	TUNER	A-BOARD
	IC2202	SOUND MULTI PLEX DECODER	A-BOARD
AVSWA	IC2006	AUDIO SW	A-BOARD
FPGA	IC4004	LVDS, IPS	A-BOARD
HDMI	IC5004	HDMI I/F	A-BOARD
MEM	IC1102	EEPROM (VCTP)	A-BOARD
VCTP	IC4001	DIGITAL VIDEO PROCESSOR	A-BOARD
CEC	IC5002	EEPROM (HDMI)	A-BOARD

10.2. Power LED Blinking timing chart

1. Subject

Information of LED Flashing timing chart.

2. Contents

When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinks of the Power LED on the front panel of the unit.

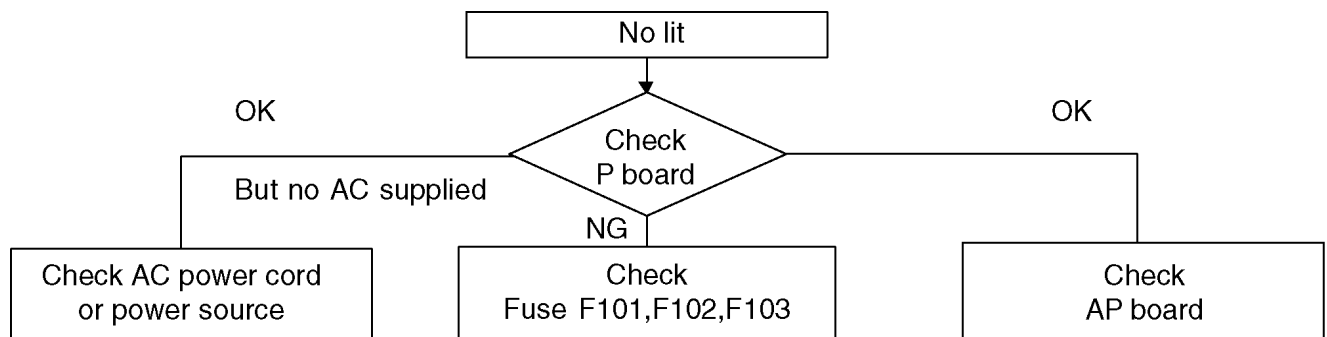
Blinking Times	Blinking timing	Contents	Check point
2	<p>Once 3 sec</p> <p>Light</p> <p>No Light</p>	INVERTER SOS	LCD PANEL
6		SUB 9V	A-Board
7		SHORT DET	AP-Board
8		FPGA SOS	A-Board

10.3. No Power

First check point

There are following 2 states of No Power indication by power LED.

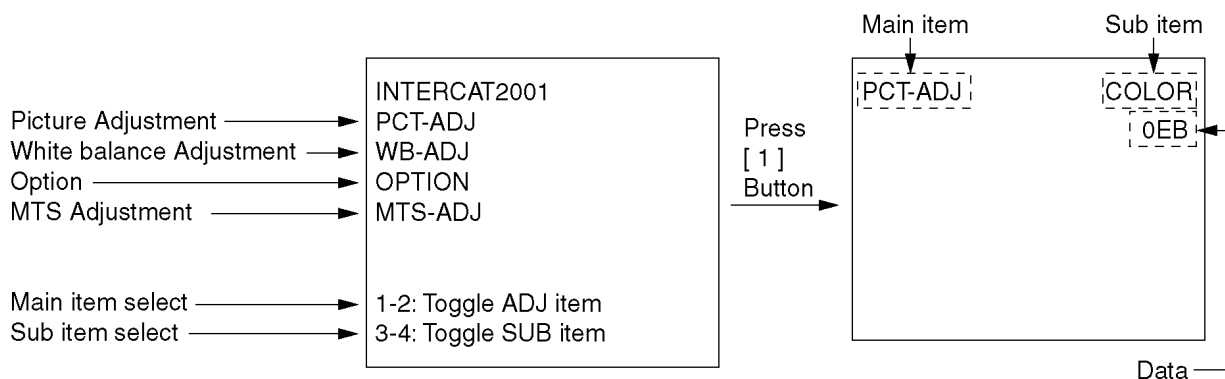
1. No lit
2. Red is lit then turns red blinking a few seconds later. (See 10.2.)



11 Service Mode

11.1. How to enter into Service Mode

While pressing [VOLUME (-)] button of the main unit, press [RECALL] button of the remote control three times within 3 seconds.



11.1.1. Key command

“1” button...Main items Selection in forward direction

“2” button...Main items Selection in reverse direction

“3” button...Sub items Selection in forward direction

“4” button...Sub items Selection in reverse direction

“VOL” button...Value of sub items change in forward direction (+), in reverse direction (-)

11.1.2. Contents of adjustment mode

- Value is shown as a hexadecimal number.
- Preset value differs depending on models.
- After entering the adjustment mode, take note of the value in each item before starting adjustment.

Main item	Sub item	Sample Data	Remark
PCT-ADJ	COLOR	0EB	
	TINT	00	
	BACK-L	FA	
	B-Y-G	62	
	R-Y-A	00	
WB-ADJ	R-GAIN	FF	
	G-GAIN	FB	
	B-GAIN	F4	
	R-CENT	E9	
	G-CENT	80	
OPTION	B-CENT	9F	
	OPT00	00	
	EEP COPY	ALL	
MTS-ADJ	CEC-CHK	OFF	
	MTSIN	27	
	SEPAL	0B	
	SEPAH	20	

11.1.3. How to exit

Switch off the power with the [POWER] button on the main unit or the [POWER] button on the remote control.

12 Adjustment

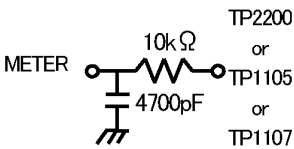
12.1. Voltage chart of AP-board

VOLTAGE	TEST POINT	SPECIFICATION
SUB_5V	TP7203	5±0.3V
SUB_9V	TP7205	9±0.5V
BT_30V	TP7601	31±1.5V
SOUND_18V	TP7201	19±0.5V
PANEL_12V	TP7702	12±0.5V

12.2. White balance adjustment

Instrument Name	Remarks
1. Remote control 2. LCD WB meter (Minolta CA-110 equivalent) 3. Communication jig 4. Computer for external control	Measurement distance is 21cm
Procedure	Remarks
1. Enter the White Balance adjustment mode in Check mode, It checked 300cd/m ² or more that measure luminance when white. (Display menu: vivid-basic, LCD-AI: off, backlight: +30) (If it is 300cd/m ² or less, measures again when cold on after 30 minutes.) 2. It decide "basic color-1" and "basic color-2" when peak adjustment that to measure luminance and the degree coordinates of color when white. 3. The degree of color is set to a target two other than "basic color-1" (locked 0xff) of R-GAIN, G-GAIN and B-GAIN, when displayed white. If can not set to the degree of target color, The degree of color is set to a target two other than "basic color-2" (locked 0xff) of two item. color temp. - cool target color (x0,y0) =(0.271±0.002, 0.275±0.002) color temp. - normal target color (x0,y0) =(0.285±0.002, 0.293±0.002) color temp. - warm target color (x0,y0) =(0.314±0.002, 0.324±0.002) basic-color1/2 RED GREEN BLUE Adjust x-axis B-GAIN① R-GAIN② R-GAIN① Adjust x-axis B-GAIN② R-GAIN① R-GAIN② * Point of the degree coordinates of color becomes large when R-GAIN and G-GAIN are enlarged. Point of the degree coordinates of color becomes small when B-GAIN is enlarged. * Case of adjust by remote controller, It chooses from the items of R-GAIN,G-GAIN and B-GAIN by [3] and [4] key on remote controller. And value is changed by volume [+] and [-] key. It will be easy to converge if ① is adjusted preferentially 4. Next, The degree of color is set to a target two other than "basic color : G-CENT" (locked 0x80) of R-CENT and CENT when displayed gray. basic-color GREEN The method of adjustment Adjust x-axis R-CENT When it is enlarged that point of the degree coordinates of color becomes large. Adjust y-axis B-CENT When it is enlarged that point of the degree coordinates of color becomes small. *Case of adjust by remote controller, It chooses from the items of R-CENT, and B-CENT by [3] and [4] key on remote controller. And value is changed by volume [+] and [-] key. 5. If It converges on the degree of target color, the data is written to EEPROM. *Case of adjust by remote controller, Long aggressiveness [8] key on remote controller in the state of R-CENT,G-CENT and B-CENT 6. Check to the degree coordinates of color when white and gray are in x=0.271±0.003 y=0.275±0.003 (when color temp is cool) x=0.285±0.010 y=0.293±0.010 (when color temp is normal) x=0.314±0.015 y=0.324±0.015 (when color temp is warm)	Time to aging is a thing for 20 minutes or more. The panel is left for three hours or more in 20-25 °C. All processes from assembly to completion are done in a surrounding environment from the room temperature 20 °C to 25 °C. Change to the color temp. by remote controller or PC. and Adjustment forthree color.

12.3. MTS input level adjustment

Instrument Name	Connect to	Remarks
1. FILTER JIG 2. RMS VOLTAGE METER 3. RF SIGNAL GENERATOR	TP2200-GND or TP1105-GND or TP1107-GND FILTER JIG RF ANT. INPUT	
Procedure		Remarks
1. Apply following RF signal at antenna input. Video : Flat field , 30% modulation Audio : 300Hz ,100% modulation ,monaural (70dB±5dB ,75ohmOPEN ,P/S 10dB). NOTE : Make sure 75us Pre-emphasis is off. 2. Choose MTSIN in MTS adjustment of factory mode. 3. Adjust "MTSIN" data (Input level) until the RMS voltage. Meter indicates <u>106mVrms±6mVrms</u> .		

12.4. MTS stereo separation adjustment

Instrument Name	Connect to	Remarks
1. OSCILLOSCOPE 2. RF SIGNAL GENERATOR	TP1104-GND or TP1106-GND or Monitor out R-GND RF ANT. INPUT	
Procedure		Remarks
1. Select stereo mode in the audio menu. 2. Apply following RF signal at antenna Input. Video : Flat field , 30% modulation. Audio : 300Hz ,30% modulation ,stereo (Left only) (70dB±5dB ,75ohmOPEN ,P/S 10dB) Note : After setting 30% modulation with P.L. SW And N.R. SW off , turn P.L. SW and N.R. SW ON. 3. Choose SEPAL in MTS adjustment of factory mode. 4. Adjust "SEPAL" data (Low-level separation) until the amplitude of the waveform on the oscilloscope is MINIMUM. 5. Apply following RF signal at antenna Input. Video : Flat field , 30% modulation Audio : 3kHz ,30% modulation ,stereo (Left only) (70dB±5dB ,75ohmOPEN ,P/S 10dB) Note : After setting 30% modulation with P.L.. SW And N.R. SW off , turn P.L. SW and N.R. SW ON. 6. Choose SEPAH in MTS adjustment of factory mode. 7. Adjust "SEPAH" data (High-level separation) until the amplitude of the waveform on the oscilloscope is MINIMUM. 8. Repeat step 2. to 7. Until Low-level separation and High-level separation satisfy above-mentioned conditions.		The separation must be more than 20 dB at 300Hz and 3kHz.. More than 18dB when measures at monitorOut.

13 Hotel mode

1. Purpose

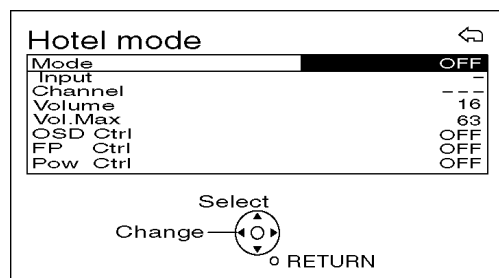
Restrict a function for hotels.

2. Access command to the Hotel mode setup menu

In order to display the Hotel mode setup menu, please enter the following command **(within 2 second)**.

[TV] : Vol. "Down" + [REMOTE] : TV/VIDEO (3 times)

Then, the Hotel mode setup menu is displayed.



3. To exit the Hotel mode setup menu

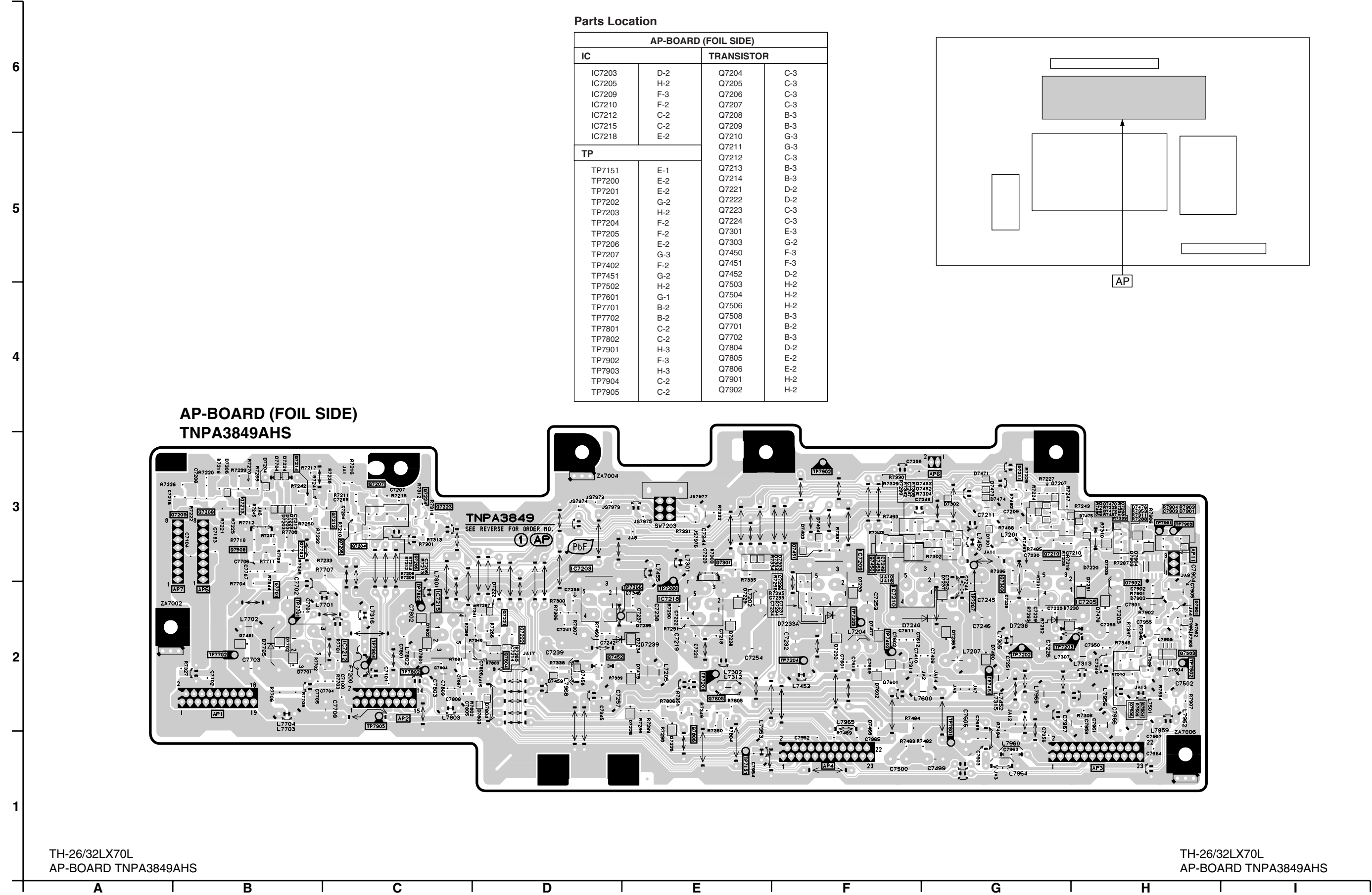
Select the "mode" in the hotel mode setting menu is mode "off", and switch off the power with the [POWER] button on the main unit or the [POWER] button on the remote control.

4. Explain the Hotel mode setup menu

item	Function
Mode	Select hotel mode ON/OFF
Input	Select input signal modes. Set the input, when each time power is switched on. Selection: -/RF/COMP/HDMI1/VIDEO1/ VIDEO2/VIDEO3 · Off: give priority to a last memory.
Channel	Select channel when input signal is RF. Set the channel, each time power is switched on. Selection: Any channel number or "-". "-" means the channel when turns off.
Volume	Adjust the volume when each time power is switched on. Range: 0 to 63
Vol. Max	Adjust maximum volume. Range: 0 to 63
OSD Ctrl	Restrict the OSD. Selection: OFF/PATTERN1 · OFF: No restriction · PATTERN1: restriction
FP Ctrl	Select front key conditions. Selection: Off/Pattern1/All · Off: altogether valid. · Pattern: only input key is valid. · All: altogether invalid.
Pow Ctrl	Select POWER-ON/OFF condition when AC power cord is disconnected and then connected. OFF: The same condition when AC power cord is disconnected. ON: Forced power ON condition.

14 Conductor Views

14.1. AP-Board



6

5

4

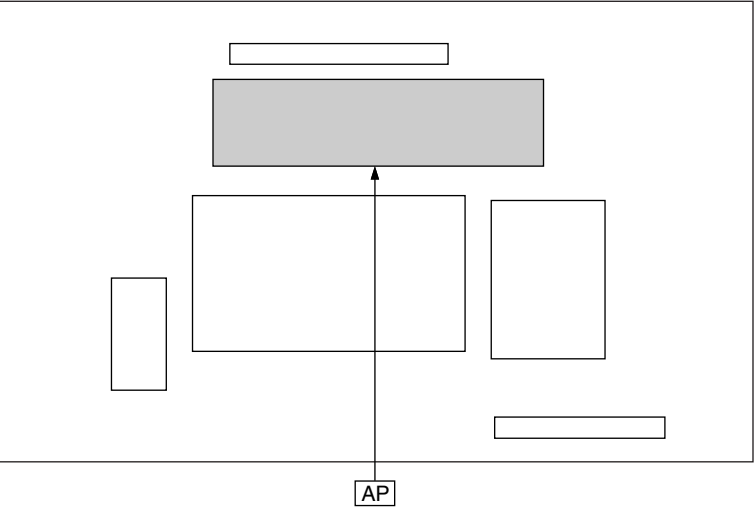
3

2

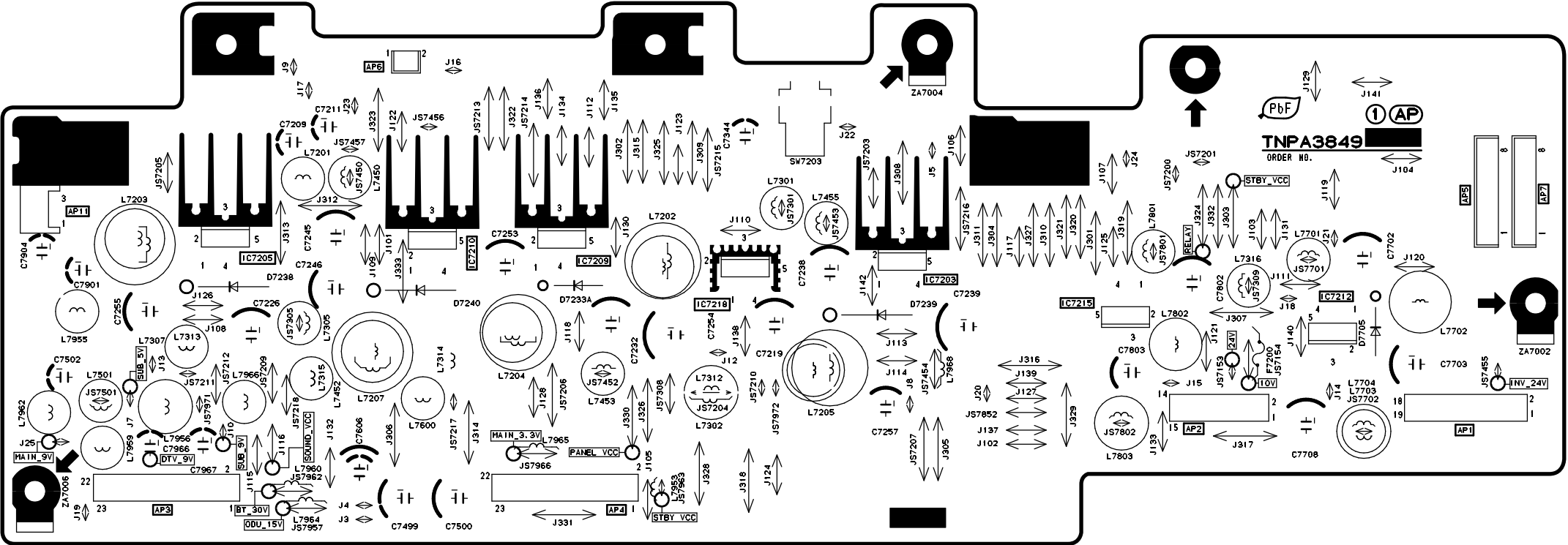
1

Parts Location

AP-BOARD (COMPONENT SIDE)	
IC	
IC7203	E-2
IC7205	B-2
IC7209	D-2
IC7210	C-2
IC7212	G-2
IC7215	F-2
IC7218	E-2



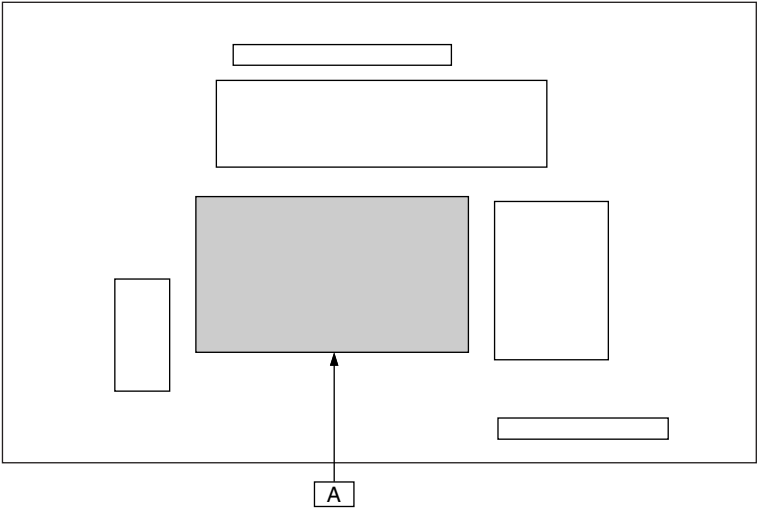
AP-BOARD (COMPONENT SIDE)
TNPA3849AHS



A vertical axis with tick marks and labels 1, 2, 3, 4, 5, 6.



TH-26LX70L	TH-32LX70L
A-BOARD TNPH0677AGS	A-BOARD TNPH0677ABS



Parts Location

A-BOARD (FOIL SIDE)									
IC		TRANSISTOR		TP					
IC1101	G-2	Q1147	G-2	TP0	G-4	TP1021	E-1	TP1809	G-2
IC1803	H-1	Q1148	G-2	TP1	G-4	TP1024	E-1	TP1810	G-1
IC1806	H-2	Q1149	G-4	TP2	G-4	TP1036	G-1	TP1811	G-2
IC1807	E-1	Q1151	H-1	TP3	G-4	TP1040	H-1	TP1812	G-1
IC2006	C-2	Q1153	E-3	TP4	G-4	TP1042	H-1	TP1813	H-1
IC2007	B-3	Q1215	E-2	TP5	G-4	TP1074	C-1	TP1814	H-1
IC2202	G-5	Q1216	E-2	TP6	G-4	TP1075	C-1	TP1817	E-1
IC4002	E-4	Q1801	H-1	TP7	G-4	TP1076	D-1	TP1818	E-1
IC4003	G-2	Q1802	H-1	TP8	G-4	TP1077	C-1	TP1819	E-1
IC5001	F-5	Q1803	D-1	TP9	G-4	TP1078	D-1	TP1820	E-1
IC5002	E-6	Q1804	C-1	TP049	C-1	TP1079	C-1	TP1822	E-1
IC5003	E-6	Q1805	C-1	TP050	C-1	TP1101	F-4	TP1824	E-1
		Q1806	D-1	TP051	C-1	TP1106	H-4	TP1825	F-1
		Q1807	F-1	TP052	C-1	TP1107	H-5	TP1826	H-2
		Q1808	F-1	TP053	C-1	TP1108	G-5	TP1828	E-1
		Q1809	G-1	TP054	G-3	TP1176	F-4	TP2008	C-6
		Q2031	D-2	TP055	G-3	TP1201	G-2	TP2009	C-5
		Q2032	D-2	TP056	G-3	TP1202	D-2	TP2200	H-6
		Q2307	B-4	TP062	H-3	TP1203	D-2	TP4008	G-2
		Q2308	B-4	TP063	H-3	TP1204	H-1	TP4061	C-1
		Q3005	D-2	TP064	H-3	TP1205	D-2	TP5001	F-6
		Q3006	D-3	TP065	H-3	TP1206	D-2	TP5002	E-6
		Q3007	D-3	TP066	H-3	TP1207	D-2	TP5003	F-6
		Q3008	D-3	TP067	H-3	TP1208	D-2	TP5004	E-6
		Q3009	D-3	TP068	H-3	TP1701	H-3	TP5005	F-6
		Q3860	F-1	TP069	H-3	TP1702	H-3	TP5006	F-6
		Q3861	F-1	TP070	H-3	TP1703	H-3	TP5008	E-5
		Q3862	F-1	TP071	H-3	TP1704	H-3	TP5009	D-6
		Q5003	E-5	TP072	H-3	TP1705	H-3	TP5010	E-6
		Q5004	E-5	TP073	H-3	TP1706	H-3	TP5011	E-6
		Q5008	E-6	TP074	H-3	TP1707	H-3		
		Q5009	E-5	TP075	H-3	TP1708	H-3		
		Q5022	F-5	TP076	H-3	TP1709	H-3		
		Q5025	F-5	TP077	H-3	TP1710	H-3		
				TP078	H-3	TP1711	H-2		
				TP079	H-3	TP1712	H-3		
				TP081	H-3	TP1713	H-3		
				TP082	H-3	TP1805	H-1		
				TP084	H-3	TP1806	G-1		
				TP086	G-3	TP1807	G-1		
						TP1808	G-1		

TC-26/32LX70L
A-BOARD PARTS LOCATION

Parts Location

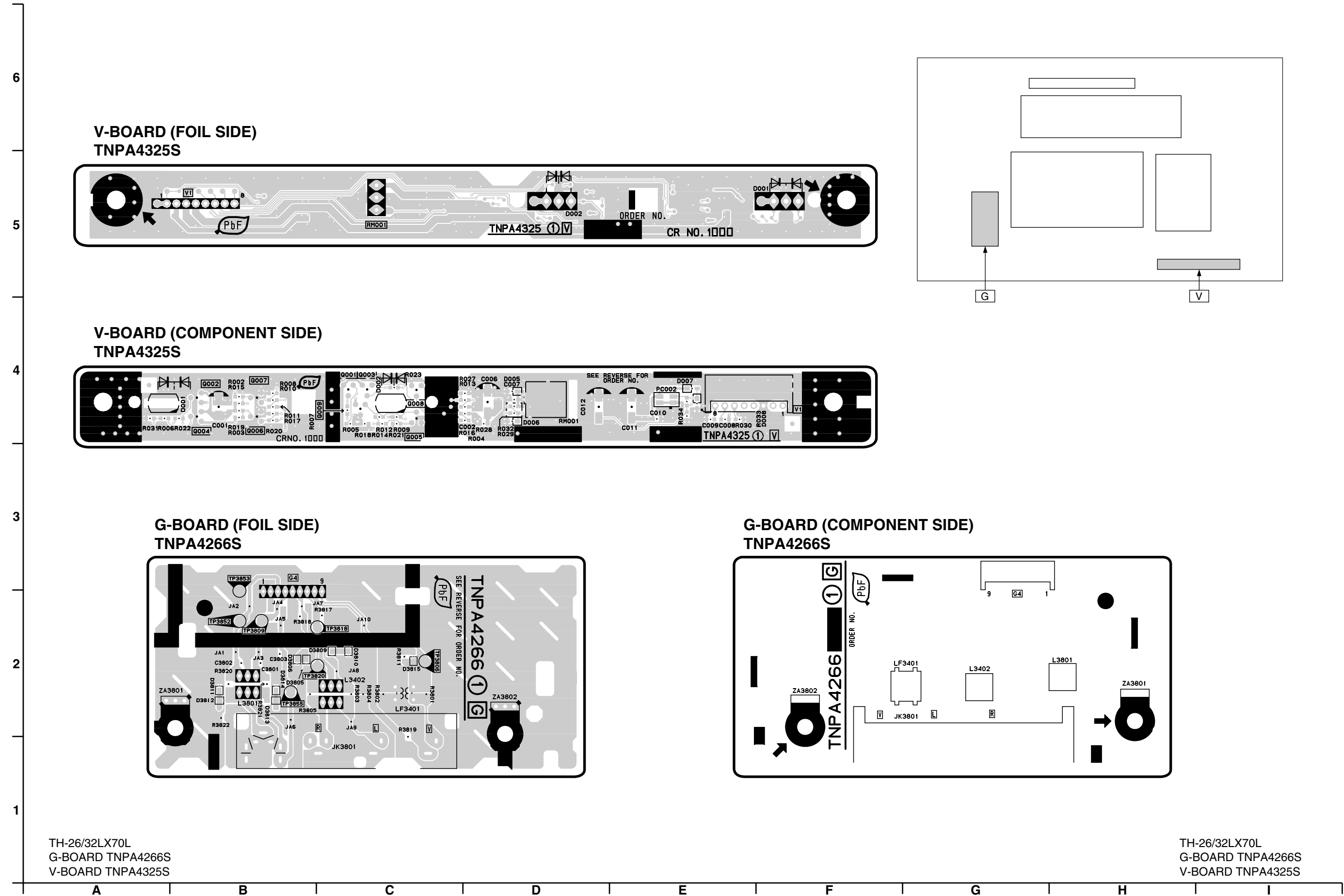
A-BOARD (COMPONENT SIDE)					
IC		TRANSISTOR		TP	
IC1102	C-4	Q001	B-4	TP1104	B-4
IC1804	B-4	Q1141	D-2	TP1105	C-5
IC1805	C-4	Q1142	D-2	TP1815	A-1
IC1808	B-1	Q1143	D-2	TP1816	E-1
IC2001	G-6	Q1144	D-1	TP1821	E-1
IC2005	H-4	Q1145	D-2	TP1823	E-1
IC4001	D-4	Q1146	C-2	TP1829	A-1
IC4004	B-3	Q1150	C-3	TP1830	E-1
IC4005	B-2	Q1152	C-5	TP1831	F-1
IC4801	D-2	Q1810	C-1	TP1832	A-2
IC5004	E-5	Q1811	D-1		
IC5005	F-5	Q2019	G-4		
		Q2020	G-5		
		Q2030	G-4		
		Q2303	F-5		
		Q2305	G-5		
		Q2306	G-5		
		Q2312	G-5		
		Q2313	G-5		
		Q3001	F-4		
		Q3002	F-4		
		Q3003	F-4		
		Q3004	F-4		
		Q4001	E-3		
		Q4002	B-2		
		Q4003	B-2		
		Q4120	C-3		
		Q4121	C-2		
		Q4801	D-2		
		Q5001	E-6		
		Q5002	F-2		
		Q5018	D-6		
		Q5019	D-6		
		Q5020	D-6		
		Q5021	D-6		
		Q5023	F-5		
		Q5024	D-5		

TC-26/32LX70L
A-BOARD PARTS LOCATION

TH-26LX70L	TH-32LX70L
A-BOARD TNPH0677AGS	A-BOARD TNPH0677ABS

A	B	C	D	E	F	G	H	I
---	---	---	---	---	---	---	---	---

14.3. G and V-Board









15 Schematic and Block Diagram

15.1. Schematic Diagram Notes

Important Safety Notice

Components identified by \triangle mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

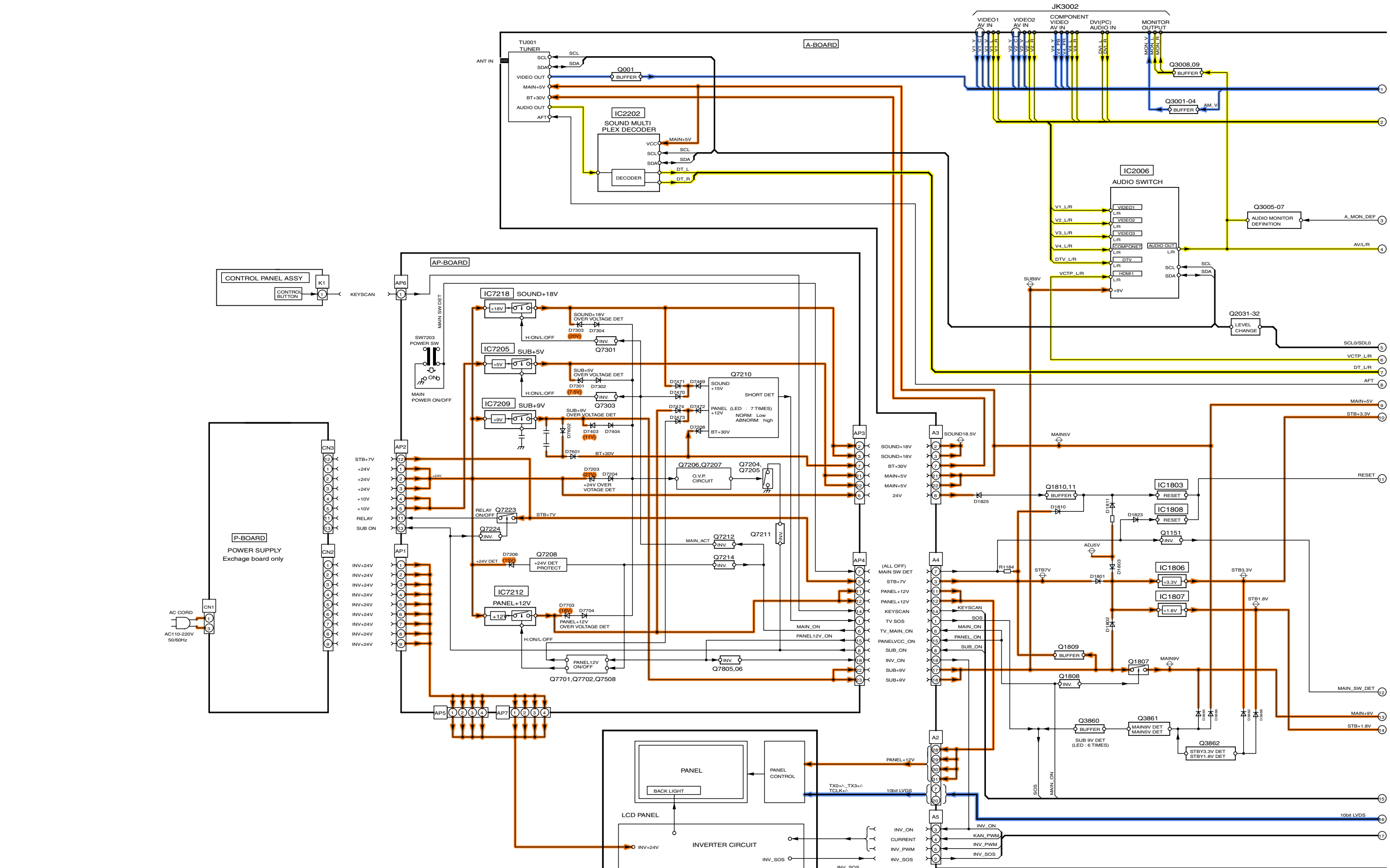
Notes:

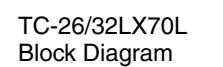
- 1. **Resistor**
Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
- 2. **Capacitor**
Unit of capacitance is μ F, unless otherwise noted.
- 3. Coil
Unit of inductance is H, unless otherwise noted.
- 4. Test Point
 : Test Point position
- 5. Earth Symbol
 : Chassis Earth (Cold)  : Line Earth (Hot)
- 6. Voltage Measurement
Voltage is measured by a DC voltmeter.
Conditions of the measurement are the following:
Power Source AC110-220V, 50/60Hz
Receiving Signal Colour Bar signal (RF)
All customer's controls Maximum positions
- 7. When arrow mark () is found, connection is easily found from the direction of arrow.
- 8. Indicates the major signal flow. : Video  Audio 
- 9. This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks:

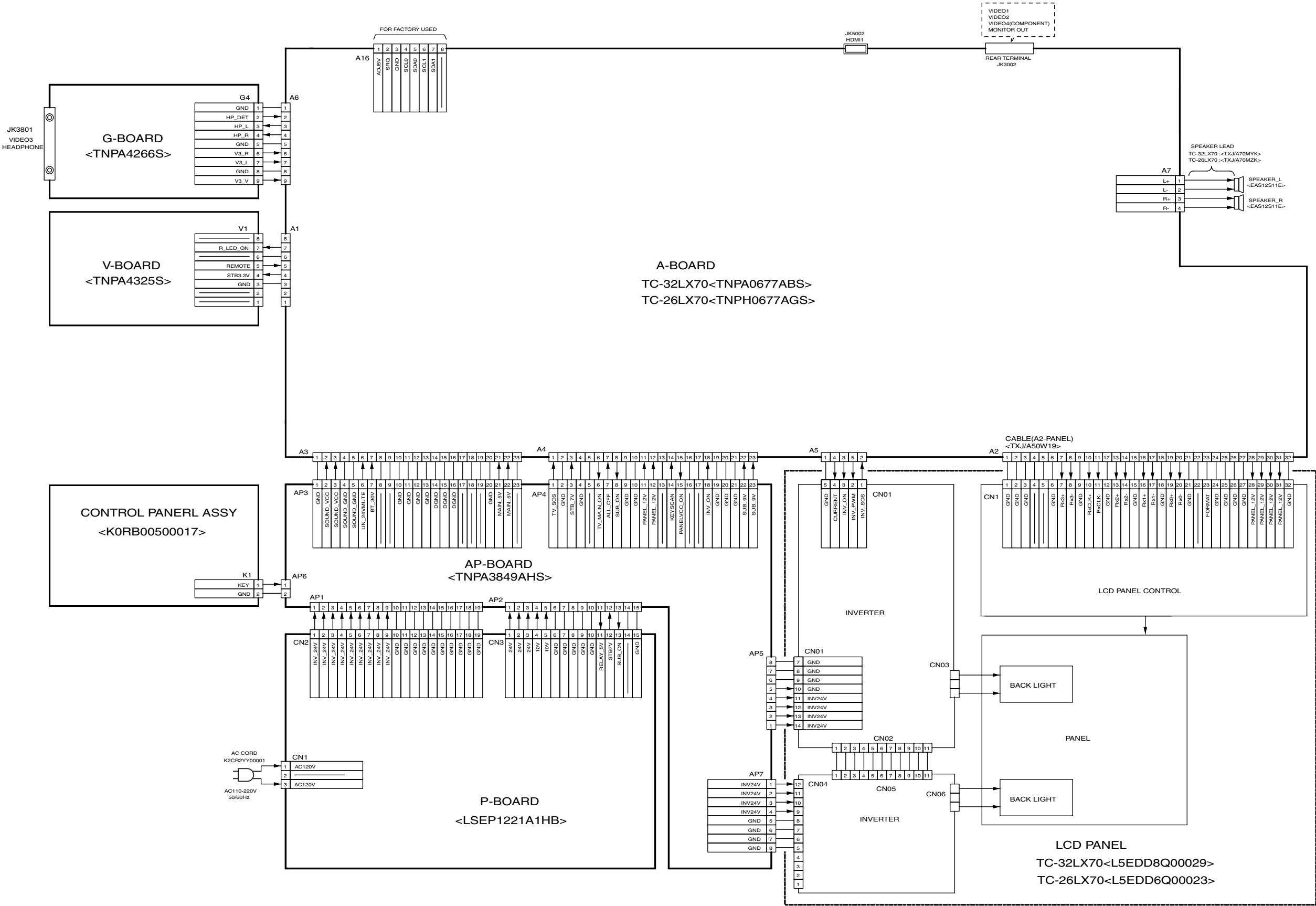
- 1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.
All circuits, except the Power Circuit, are cold.
Precautions
 - a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
 - b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
 - c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
Connect the earth of instruments to the earth connection of the circuit being measured.
 - d. Make sure to disconnect the power plug before removing the chassis.

15.2. Block Diagram (1 of 2)





15.4. Interconnection Schematic Diagram

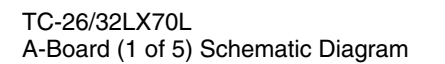


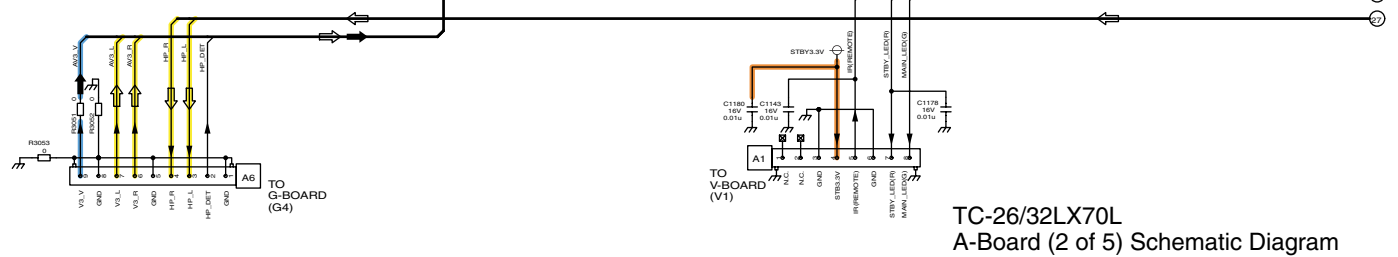
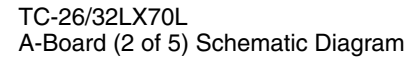
TC-26/32LX70L
Interconnection Schematic Diagram

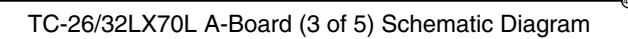
TC-26/32LX70L
Interconnection Schematic Diagram

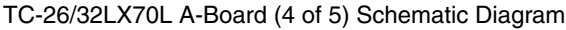


TC-26/32LX70L
AP-Board (2 of 2) Schematic Diagram

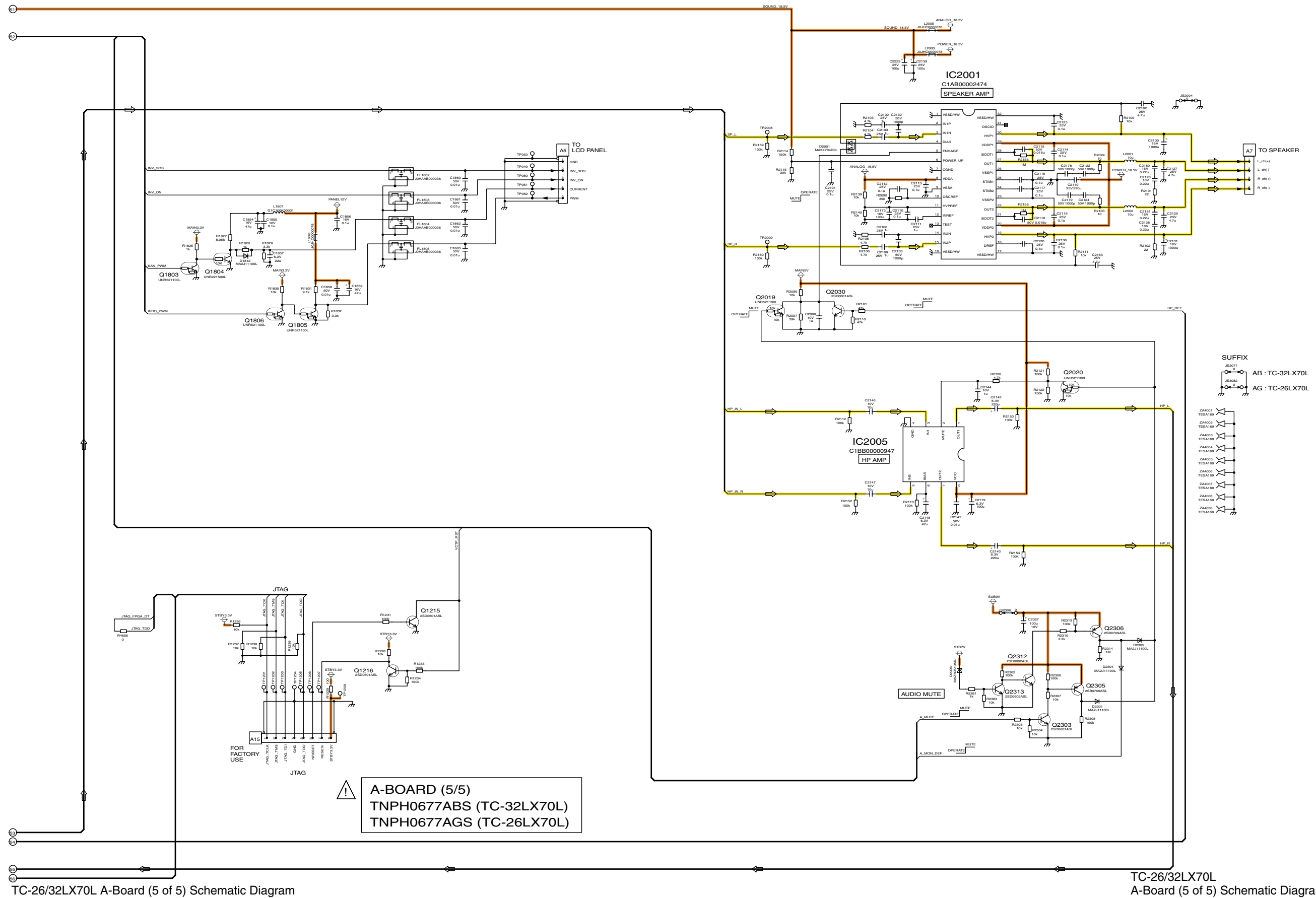








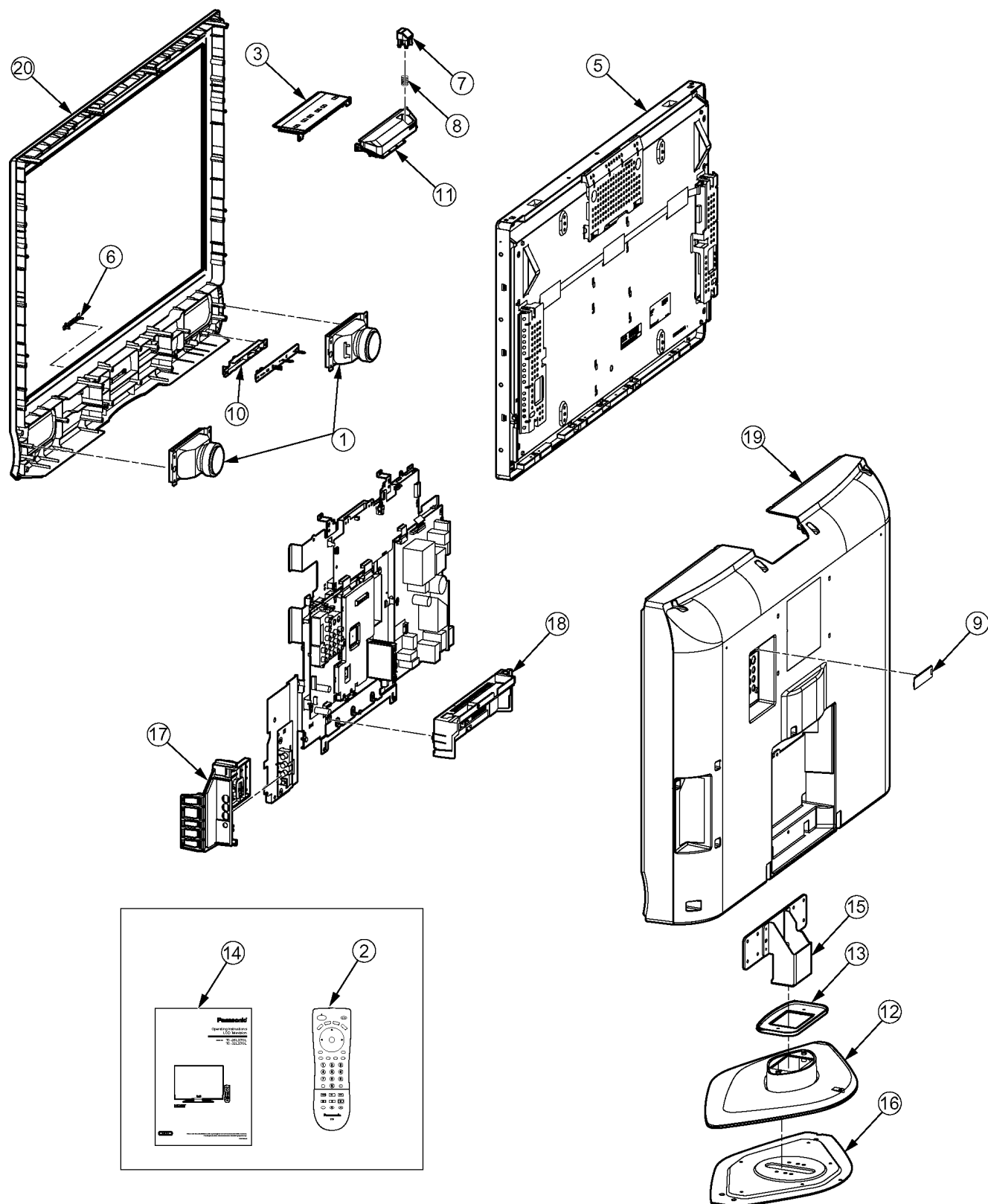
15.11. A-Board (5 of 5) Schematic Diagram





16 Exploded View and Replacement Parts List

16.1. Exploded View



16.2. Replacement Parts List Notes

Important Safety Notice

*Components identified by \triangle mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.*

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W
Type Allowance

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V
Type Allowance

Type	Allowance
C : Carbon	F : $\pm 1\%$
F : Fuse	G : $\pm 2\%$
M : Metal Oxide	J : $\pm 5\%$
Metal Film	K : $\pm 10\%$
S : Solid	M : $\pm 20\%$
W : Wire Wound	

Type	Allowance
C : Ceramic	C : $\pm 0.25\text{pF}$
E : Electrolytic	D : $\pm 0.5\text{pF}$
P : Polyester	F : $\pm 1\text{pF}$
Polyprop	G : $\pm 3\text{pF}$
lene	J : $\pm 5\text{pF}$
T : Tantalum	K : $\pm 10\text{pF}$
	L : $\pm 15\text{pF}$
	M : $\pm 20\text{pF}$
	P : +100%, -0%
	Z : +80%, -20%

16.3. Mechanical Replacement Parts List

Note:

All parts except parts mentioned [PAVCA] in the Remarks column are supplied by PAVC-CSG.

Parts mentioned [PAVCA] are supplied by PAVCA.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	EAS12S11E	SP UNIT	2	PAVCA
2	EUR7613Z90R	REMOTE CONTROL	1	
3	K0RB00500017	CONTROL PANERL ASSY	1	CIRCUIT BOARD PAVCA
	K2CR2YY00001	AC CORD	1	PAVCA △
5	L5EDD8Q00029	LCD PANEL	1	TC-32LX70L PAVCA △
5	L5EDD6Q00023	LCD PANEL	1	TC-26LX70L PAVCA △
6	TBMA216-1	PANASONIC BADGE	1	
7	TBX2AA3502	POWER BUTTON (BLK)	1	PAVCA
8	TES4G204	SPRING	1	
	THTD015J	SCREW (SP)	4	
9	TKK2AA7901	COVER (ADJ. WINDOW)	1	PAVCA
10	TKK2AA8111	LED PANEL	1	PAVCA
11	TKP2AA3901	POWER BUTTON BRACKET	1	PAVCA
12	TKX0A3702-1	PEDESTAL COVER	1	PAVCA
13	TKX0A3802	BLIND COVER	1	PAVCA
	TMM6428-1	CLAMPER	1	
	TMM7464-2	CLAMPER	1	
	TMM76416-1	CLAMPER	1	
	TMME047	CLAMPER	1	TC-32LX70L
	TMME075	EADG SADOLE	4	
	TMME110	CLAMPER	2	
	TMMJ097	RUBBER (SPEAKER)	4	
14	TQB2AA0758	INSTRUCTION BOOK (ENG/SPA/FRE)	1	PAVCA △
15	TUX0A145	STAND METAL	1	PAVCA
16	TUX0A147-1	BASE PEDESTAL	1	PAVCA
17	TXFKP06RSER	SIDE AV BRACKET	1	TC-32LX70L PAVCA △
17	TXFKP05RSER	SIDE AV BRACKET	1	TC-26LX70L PAVCA △
18	TXFKP10RSER	TUNER COVER	1	PAVCA
19	TXFKU25RSER	REAR COVER	1	TC-32LX70L PAVCA △
19	TXFKU21RSER	REAR COVER	1	TC-26LX70L PAVCA △
20	TXFKY18RSER	CABINET ASSY	1	TC-32LX70L PAVCA △
20	TXFKY14RSER	CABINET ASSY	1	TC-26LX70L PAVCA △
	TXJ/A50W19	A2-PANEL	1	
	TXJ/A70MYK	SPEAKER LEAD A7-SP (LEFT/RIGHT)	1	TC-32LX70L PAVCA
	TXJ/A70MZK	SPEAKER LEAD G7-SP (LEFT/RIGHT)	1	TC-26LX70L PAVCA
	UR76EC0303F	BATTERY COVERS	1	PAVCA
	XTB4+12JFJ	SCREW	2	TC-32LX70L
	XTB4+15JFJ	SCREW	15	TC-32LX70L
	XTB4+15JFJ	SCREW	11	TC-26LX70L
	XTB4+18JFJK	SCREW (BCX11)	16	TC-32LX70L
	XTB4+18JFJK	SCREW (BCX11)	14	TC-26LX70L
	XTV3+8JFJK	SCREW (TUNER COVER)	2	
	XTW3+12TFJ	SCREW	4	
	XTW3+8TFJ	SCREW	2	
	XYE3+FJ8FJ	SCREW	24	
	XYE3+FJ8FJ	SCREW	5	TC-32LX70L
	XYE3+FJ8FJ	SCREW	6	TC-26LX70L
	XYN3+J8FJ	SCREW	1	
	XYN3+J8FJ	SCREW	1	
	XYN4+F10FJ	SCREW (PEDESTAL)	4	
	XYN4+F6FJ	SCREW (LCD BTM MTG)	4	

16.4. Electrical Replacement Parts List

Note:

All parts except parts mentioned [PAVCA] in the Remarks column are supplied by PAVC-CSG.

Parts mentioned [PAVCA] are supplied by PAVCA.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
A1	K1KA08AA0714	8P CONNECTOR	1	
A2	K1KB30B00044	30P CONNECTOR	1	
A3,A4	K1KB23A00003	23P CONNECTOR	2	
A5	K1KA05AA0714	5P CONNECTOR	1	PAVCA
A6	K1KA09AA0714	9P CONNECTOR	1	PAVCA
A7	K1KA04AA0190	4P CONNECTOR	1	
A14	K1KA10AA0105	10P CONNECTOR	1	
A15	K1KA08AA0104	8P CONNECTOR	1	
A16	K1KA08AA0714	8P CONNECTOR	1	
AP1	K1KA19A00007	19P CONNECTOR	1	
AP2	K1KA15A00118	15P CONNECTOR	1	
AP3,P4	K1KA23A00003	23P CONNECTOR	2	
AP5	K1KA08AA0192	8P CONNECTOR	1	
AP6	K1KA02AA0193	2P CONNECTOR	1	
AP7	K1KA08AA0192	8P CONNECTOR	1	
C002,03	F2A0J681A272	E 680UF, 6.3V	2	
C004	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C008	ECJ1VB1C224K	C 0.22UF, K, 16V	1	
C009	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C010	F1G1A104A012	C 0.01UF, K, 10V	1	
C011	EEEB1V100R	E 10UF, 35V	1	
C014	EEEB0J101P	C 100PF, J, 6.3V	1	
C015,16	ECJ1VC1H100C	C 10PF, C, 50V	2	
C026	F1G1A104A012	C 0.01UF, K, 10V	1	
C1006	F2G0J470A019	E 47UF 6.3V	1	
C1007	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C1143	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C1168	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1178	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C1180	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C1181	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C1821	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C1822	F1G1A104A012	C 0.01UF, K, 10V	1	
C1828	EEEB1C470P	C 47PF, J, 16V	1	
C1830	EEEB1A471UP	C 470PF, J, 10V	1	
C1831	F1G1A104A012	C 0.01UF, K, 10V	1	
C1832	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C1834	ECJ2XB1C474K	C 0.47UF, Z, 16V	1	
C1835	ECJ1VB1C563K	C 0.056UF, K, 16V	1	
C1836	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1838	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C1839	ECJ0EC1H101J	C 100PF, K, 50V	1	
C1840	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C1842,43	ECJ1VB0J105K	C 1UF, K, 16V	2	
C1844,45	EEEB0G470R	C 47PF, J, 4V	2	
C1848,49	ECJ1VB0J105K	C 1UF, K, 16V	2	
C1850,51	F1G1A104A012	C 0.01UF, K, 10V	2	
C1852,53	EEEB0G470R	C 47PF, J, 4V	2	
C1854	EEEB1C470P	C 47PF, J, 16V	1	
C1855,56	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1857	EEEB0J220R	C 22PF, J, 6.3V	1	
C1858	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C1859	EEEB1C470P	C 47PF, J, 16V	1	
C1860-63	ECJ1VB1H103K	C 0.001UF, K, 50V	4	
C1866	EEEB1A101P	C 100PF, J, 10V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1867,68	ECJ3YB1C475K	C 0.047UF, K, 16V	2	
C1869	EEEB1A101P	C 100PF, J, 10V	1	
C1870,71	ECJ3YB1C475K	C 0.047UF, K, 16V	2	
C1872	ECJ1VB1E272K	C 2700PF, K, 25V	1	
C1874	EEEB0G471P	C 470PF, J, 4V	1	
C1875	EEFCD0G560R	56UF,	1	
C1876	ECJ3YB1C475K	C 0.047UF, K, 16V	1	
C1877,78	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1880	EEEB1A101P	C 100PF, J, 10V	1	
C1881,82	ECJ3YB1C475K	C 0.047UF, K, 16V	2	
C1883	EEEB1A101P	C 100PF, J, 10V	1	
C1884,85	ECJ3YB1C475K	C 0.047UF, K, 16V	2	
C1886	ECJ1VB1E272K	C 2700PF, K, 25V	1	
C1888	EEEB0G471P	C 470PF, J, 4V	1	
C1889	EEFCD0G560R	56UF,	1	
C1890	ECJ3YB1C475K	C 0.047UF, K, 16V	1	
C1891,92	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C1898	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C1900,01	ECJ3YB1A106M	C 10UF, M,6.3V	2	
C1902	ECJ0EC1H101J	C 100PF, K, 50V	1	
C1903	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C1904	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C1905	EEFCD0G560R	56UF,	1	
C1906	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C2068	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C2101	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C2102,03	ECJ2FB1E105K	C 1UF, K, 25V	2	
C2106	ECJ2FB1E105K	C 1UF, K, 25V	1	
C2109	ECJ2FB1E105K	C 1UF, K, 25V	1	
C2110	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C2111	ECJ2FB1E105K	C 1UF, K, 25V	1	
C2112-14	ECJ1VB1E104K	C 0.10UF, K, 25V	3	
C2115	ECJ1VB1H153K	C 0.015UF, K, 50V	1	
C2116,17	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2118	ECJ1VB1H153K	C 0.015UF, K, 50V	1	
C2119,20	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2122	F1G1H1020008	E 1000UF, 50V	1	
C2124	F1G1H1020008	E 1000UF, 50V	1	
C2125	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C2126	ECJ1VB1C224K	C 0.22UF, K, 16V	1	
C2127	ECJ2FB1E475M	C 4.7UF, K, 25V	1	
C2128	ECJ1VB1C224K	C 0.22UF, K, 16V	1	
C2129	ECJ2FB1E475M	C 4.7UF, K, 25V	1	
C2130,31	ECA1CM102	E 1000UF, 16V	2	
C2132,33	ECJ1VB1H102K	C 1000UF, Z, 50V	2	
C2138	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C2139	EEEB1E101P	C 100PF, J, 25V	1	
C2140	EEUF1V221E	E 220UF, 35V	1	
C2141	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2142,43	EEEB0J221UP	C 220PF, J, 6.3V	2	
C2144	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C2145	EEEB0J470R	C 47PF, J, 6.3V	1	
C2146,47	ECJ3YB1A106M	C 10UF, M,6.3V	2	
C2148-55	ECJ1VB1A105K	C 0.01UF, Z, 50V	8	
C2156	ECJ3YB1A106M	C 10UF, M,6.3V	1	
C2159	ECJ3YB1A106M	C 10UF, M,6.3V	1	
C2160,61	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C2162,63	ECJ2FB1E475M	C 4.7UF, K, 25V	2	
C2164,65	EEEB1C101UP	C 100PF, J, 16V	2	
C2168	EEEB1C101UP	C 100PF, J, 16V	1	
C2169	EEEB1C220UR	C 22PF, J, 16V	1	
C2170	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C2171	EEEB1C101UP	C 100PF, J, 16V	1	
C2172	EEEB0J101P	C 100PF, J, 6.3V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2173	EEH1B1C101UP	C 100PF, J, 16V	1	
C2174	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C2178,79	F1G1H1020008	E 1000UF, 50V	2	
C2180,81	ECJ1VB1C224K	C 0.22UF, K, 16V	2	
C2201	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C2211	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C2212	ECJ2FF1A475Z	C 4.7UF, Z, 10V	1	
C2213	F3H1E106A052	C 10UF, J, 25V	1	
C2214	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C2215	ECJ0EB1C223K	C 0.022UF, K, 16V	1	
C2216	F3F1C335A045	C 3.3UF, J, 16V	1	
C2217-19	ECJ2XB1H104K	C 0.1UF, K, 50V	3	
C2220	EEH1B1C100R	C 10PF, J, 16V	1	
C2221	ECJ1VB1A474K	C 0.47UF, Z, 50V	1	
C2222	ECJ0EB1A473K	C 0.047UF, K, 10V	1	
C2223	EEH1B1E101P	C 100PF, J, 25V	1	
C2367	EEH1B1C101UP	C 100PF, J, 16V	1	
C3062,63	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C3064	EEH1B1A471UP	C 470PF, J, 10V	1	
C3065	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3067	ECJ2FB0J106M	C 10UF, Z, 6.3V	1	
C3068	ECJ0EC1H820J	C 820PF, K, 50V	1	
C3069	ECJ0EC1H330J	C 330PF, K, 50V	1	
C3070	ECJ0EC1H121J	C 120PF, K, 50V	1	
C3071	ECJ0EC1H100D	C 10PF, K, 50V	1	
C3072	ECJ0EC1H330J	C 330PF, K, 50V	1	
C3073	ECJ3YB1A106M	C 10UF, M, 6.3V	1	
C3076	ECJ3YB1A106M	C 10UF, M, 6.3V	1	
C3077	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C3078-81	ECJ1VB1A105K	C 0.01UF, Z, 50V	4	
C3801-03	ECJ2XC1H102J	C 1000PF, J, 50V	3	
C3860	ECJ2FB0J106M	C 10UF, Z, 6.3V	1	
C4001	J0JCC0000100	CHIP INDUCTOR	1	
C4004-08	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C4009	ECJ2FB0J106M	C 10UF, Z, 6.3V	1	
C4013-18	ECJ1XB1C104K	C 0.1UF, Z, 16V	6	
C4019-23	ECJ2FB0J106M	C 10UF, Z, 6.3V	5	
C4024-31	ECJ1XB1C104K	C 0.1UF, Z, 16V	8	
C4033	ECJ0EC1H101J	C 100PF, K, 50V	1	
C4034,35	F1G1A104A012	C 0.01UF, K, 10V	2	
C4036,37	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4038,39	ECJ3YB1A106M	C 10UF, M, 6.3V	2	
C4040-46	F1G1A104A012	C 0.01UF, K, 10V	7	
C4049-51	F1G1A104A012	C 0.01UF, K, 10V	3	
C4054	F1G1A104A012	C 0.01UF, K, 10V	1	
C4055	ECJ2FB0J106M	C 10UF, Z, 6.3V	1	
C4056	F1G1A104A012	C 0.01UF, K, 10V	1	
C4057	ECJ2FB0J106M	C 10UF, Z, 6.3V	1	
C4058-60	F1G1A104A012	C 0.01UF, K, 10V	3	
C4061	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4062	EEH1B1C470P	C 47PF, J, 16V	1	
C4064	F1G1A104A012	C 0.01UF, K, 10V	1	
C4065	F1G1H1020008	E 1000UF, 50V	1	
C4066,67	F1G1A104A012	C 0.01UF, K, 10V	2	
C4068	ECJ2FB0J106M	C 10UF, Z, 6.3V	1	
C4069	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4070	F1G1A104A012	C 0.01UF, K, 10V	1	
C4071,72	ECJ1VC1H150J	C 15PF, J, 50V	2	
C4073	EEH1B1C470P	C 47PF, J, 16V	1	
C4074	F1G1A104A012	C 0.01UF, K, 10V	1	
C4075	ECJ2FB0J106M	C 10UF, Z, 6.3V	1	
C4076-82	F1G1A104A012	C 0.01UF, K, 10V	7	
C4083	F1G1H1020008	E 1000UF, 50V	1	
C4084-94	F1G1A104A012	C 0.01UF, K, 10V	11	
C4095	ECJ2FB0J106M	C 10UF, Z, 6.3V	1	
C4096	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C4097	F1G1A104A012	C 0.01UF, K, 10V	1	
C4098	ECJ1VB1H102K	C 1000UF, Z, 50V	1	
C4099	ECJ2FB0J106M	C 10UF, Z, 6.3V	1	
C4100,01	F1G1A104A012	C 0.01UF, K, 10V	2	
C4102	ECJ2FB0J106M	C 10UF, Z, 6.3V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4103	ECJ0EC1H120J	C 120PF, K, 50V	1	
C4104,05	ECJ0EC1H220J	C 220PF, K, 50V	2	
C4109	F1G1A104A012	C 0.01UF, K, 10V	1	
C4110	ECJ2FF1A335Z	C 3.3UF, Z, 10V	1	
C4111	ECJ2FB0J106M	C 10UF, Z, 6.3V	1	
C4112	F1G1A104A012	C 0.01UF, K, 10V	1	
C4114	EEFCD0G560R	56UF,	1	
C4115	ECJ0EC1H120J	C 120PF, K, 50V	1	
C4128	EEH1B1C470P	C 47PF, J, 16V	1	
C4129	ECJ2FB0J106M	C 10UF, Z, 6.3V	1	
C4139-44	F1G1H1020008	E 1000UF, 50V	6	
C4145	EEFCD0G560R	56UF,	1	
C4146	ECJ0EC1H120J	C 120PF, K, 50V	1	
C4147	ECJ1VB1H102K	C 1000UF, Z, 50V	1	
C4148,49	ECJ2FB0J106M	C 10UF, Z, 6.3V	2	
C4150	ERJ2GEJ472	M 4.7KOHM, J, 0.063W	1	
C4801	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4802	ECJ2FB0J106M	C 10UF, Z, 6.3V	1	
C4803	F1G1A104A012	C 0.01UF, K, 10V	1	
C4807,08	ECJ0EB1C103K	C 0.010UF, K, 16V	2	
C5002	F1G1A104A012	C 0.01UF, K, 10V	1	
C5004	F1G1A104A012	C 0.01UF, K, 10V	1	
C5006	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C5008	F1G1A104A012	C 0.01UF, K, 10V	1	
C5010	ECJ2FB0J106M	C 10UF, Z, 6.3V	1	
C5012	F1G1A104A012	C 0.01UF, K, 10V	1	
C5016	ECJ2FB0J106M	C 10UF, Z, 6.3V	1	
C5017	F1G1A104A012	C 0.01UF, K, 10V	1	
C5018	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C5019	F1G1A104A012	C 0.01UF, K, 10V	1	
C5020	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C5021	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C5022	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C5023	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C5024,25	F1G1A104A012	C 0.01UF, K, 10V	2	
C5026	ECJ2FB0J106M	C 10UF, Z, 6.3V	1	
C5027	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C5028,29	F1G1A104A012	C 0.01UF, K, 10V	2	
C5030	ECJ1VC1H150J	C 15PF, J, 50V	1	
C5031-33	F1G1A104A012	C 0.01UF, K, 10V	3	
C5034	ECJ1VC1H150J	C 15PF, J, 50V	1	
C5036	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C5038	F1G1A104A012	C 0.01UF, K, 10V	1	
C5040,41	F1G1A104A012	C 0.01UF, K, 10V	2	
C5042	ECJ2FB0J106M	C 10UF, Z, 6.3V	1	
C5043-48	F1G1A104A012	C 0.01UF, K, 10V	6	
C5049	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	
C5050	ECJ1VC1H471J	C 470PF, J, 50V	1	
C5051	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5054	ECJ1XC1H221J	C 220PF, J, 50V	1	
C5055,56	F1G1A104A012	C 0.01UF, K, 10V	2	
C5060,61	F1G1A104A012	C 0.01UF, K, 10V	2	
C7100-04	ECJ2XB1H104K	C 0.1UF, K, 50V	5	
C7204-07	ECJ2YB1A105K	C 1UF, K, 10V	4	
C7208	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	
C7209	F2A1C101A121	E 100UF, 16V	1	
C7210	ECJ2VB1C224K	C 0.22UF, K, 16V	1	
C7211	ECA1HM330	E 33UF, 50V	1	
C7212	ECJ2VB1H103K	C 0.01UF, K, 50V	1	
C7218	ECJ2VB1H103K	C 0.01UF, K, 50V	1	
C7219	ECA1HM221	E 220UF, 50V	1	
C7221	ECJ2VB1H103K	C 0.01UF, K, 50V	1	
C7223	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C7225	ECJ2VB1H103K	C 0.01UF, K, 50V	1	
C7226	ECA1HM221	E 220UF, 50V	1	
C7228	ECJ2VB1H103K	C 0.01UF, K, 50V	1	
C7230	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C7231	ECJ2VB1H103K	C 0.01UF, K, 50V	1	
C7232	ECA1HM221	E 220UF, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7234	ECJ2VB1H103K	C 0.01UF, K, 50V	1	
C7236	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C7253	ECA1CM102	E 1000UF, 16V	1	
C7254	EEUFC1E102	E 1000UF, 25V	1	
C7255	ECA1CM102	E 1000UF, 16V	1	
C7258	ECJ2VB1C224K	C 0.22UF, K, 16V	1	
C7349,50	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C7409,10	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C7601	ECJ2FB1E105K	C 1UF, K, 25V	1	
C7602,03	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C7605	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C7606	ECA1HM221	E 220UF, 50V	1	
C7609,10	ECJ2FB1E105K	C 1UF, K, 25V	2	
C7611,12	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C7701	ECJ2VB1H103K	C 0.01UF, K, 50V	1	
C7702	ECA1HM221	E 220UF, 50V	1	
C7703	EEUFC1C681	E 680UF, 16V	1	
C7705	ECJ2VB1H103K	C 0.01UF, K, 50V	1	
C7706	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C7952	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C7954	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C7956,57	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C7965	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
D1001	B3CKE0000007	DIODE	1	
D1102	MA22D3900L	DIODE	1	
D1801-03	MA22D3900L	DIODE	3	
D1808,09	MA8043-M	ZENER DIODE	2	
D1810-12	MA2J11100L	DIODE	3	
D1813	B0JCPG000005	DIODE	1	
D1815	MA2J11100L	DIODE	1	
D1816	B0JCPG000005	DIODE	1	
D1818	MA2J11100L	DIODE	1	
D1823	MA2J11100L	DIODE	1	
D1825	MAZ81500ML	ZENER DIODE	1	
D2001	MA3X704D0L	ZENER DIODE	1	
D2006	MAZ80510ML	ZENER DIODE	1	
D2301	MA2J11100L	DIODE	1	
D2304,05	MA2J11100L	DIODE	2	
D3001-32	MA8140M	ZENER DIODE	32	
D3805,06	MA8140M	ZENER DIODE	2	
D3809,10	MA8140M	ZENER DIODE	2	
D3815	MA8140M	ZENER DIODE	1	
D3862	MAZ80560ML	ZENER DIODE	1	
D3865,66	1SS355	DIODE	2	
D3868	MAZ80560ML	ZENER DIODE	1	
D4121	MA2J11100L	DIODE	1	
D5002	EZJZ0V800008B	VARISTOR	1	
D5004	EZJZ0V800008B	VARISTOR	1	
D5006	EZJZ0V800008B	VARISTOR	1	
D5008	EZJZ0V800008B	VARISTOR	1	
D5010	EZJZ0V800008B	VARISTOR	1	
D5013,14	EZJZ0V800008B	VARISTOR	2	
D5017,18	EZJZ0V800008B	VARISTOR	2	
D5020	EZJZ0V800008B	VARISTOR	1	
D5022	B0HCMM000014	DIODE	1	
D5023	MA2J72800L	DIODE	1	
D5026	B0HCMM000014	DIODE	1	
D7203	MAZ82700ML	ZENER DIODE	1	
D7204	MA2J11100L	DIODE	1	
D7206	MAZ81500ML	ZENER DIODE	1	
D7207	MA2J72900L	DIODE	1	
D7208	MA2J11100L	DIODE	1	
D7228	B0HCMM000014	DIODE	1	
D7229	B0JCPG000005	DIODE	1	
D7230	B0HCMM000014	DIODE	1	
D7231	B0JCPG000005	DIODE	1	
D7232	B0HCMM000014	DIODE	1	
D7233A	RK34	DIODE	1	
D7301	MA8075M	ZENER DIODE	1	
D7302	MA2J11100L	DIODE	1	
D7303	MAZ82700ML	ZENER DIODE	1	
D7304	MA2J11100L	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D7403	MA8130MTX	ZENER DIODE	1	
D7404	MA2J11100L	DIODE	1	
D7468	MA152K	DIODE	1	
D7469-74	MA2J11100L	DIODE	6	
D7601,02	B0HCMM000014	DIODE	2	
D7702	B0HCMM000014	DIODE	1	
D7703	MA8180-M	ZENER DIODE	1	
D7704	MA2J11100L	DIODE	1	
D7705	RK34	DIODE	1	
FL1802-05	JOHAAB000036	LC FILTER	4	
FL4001-03	JOMAB0000169	LC FILTER	3	
FL5001	ECJ2YB1A105K	C 1UF, K, 10V	1	
G4	K1KA09BA0061	9P CONNECTOR	1	
IC1102	TVRP544S	IC	1	TC-32LX70L PAVCA
IC1102	TVRP545S	IC	1	TC-26LX70L PAVCA
IC1803	C0EBF0000354	IC	1	
IC1804,05	C0CBCYE00001	IC	2	
IC1806,07	C0DBAMH00014	IC	2	
IC1808	C0EBF0000335	IC	1	
IC2001	C1AB00002474	IC	1	
IC2005	C1BB00000947	IC	1	
IC2006	C1AB00002484	IC	1	PAVCA
IC2202	AN5829SV	IC	1	
IC4001	TVRP546S	IC	1	PAVCA
IC4002	AN77L08M	IC	1	
IC4003	C1ZBZ0003307	IC	1	PAVCA
IC4004	C1ZBZ0003191	IC	1	△
IC4005	C0ABFA000012	INTEGRATED CIRCUIT	1	
IC5002	TVRN837S	IC	1	PAVCA
IC5004	C1AB00002535	IC	1	
IC5005	C0DBFFD00003	IC	1	
IC7205	C0DAAZG00010	IC	1	
IC7209	C0DAAZG00010	IC	1	
IC7212	C0DAAZG00010	IC	1	
IC7218	C0DAAZG00010	IC	1	
J16	ERDS2FJ101	CARBON RESISTOR	1	
JA1	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
JA2	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
JA3	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
JA6	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
JA8	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
JA11	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
JA14,15	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
JA17	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
JK3002	K1U935A00002	CONNECTOR UNIT	1	PAVCA
JK3801	K4BC14B00004	AV TERMINAL	1	PAVCA
JK5002	K1FA119E0001	CONNECTOR	1	
JS1801,02	JOJCC0000100	CHIP INDUCTOR	2	
JS1803-06	DOYAR0000007	M 0.0 OHM, J,0.063W	4	
JS2004	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	
JS2018,19	DOYAR0000007	M 0.0 OHM, J,0.063W	2	
JS2306	DOYAR0000007	M 0.0 OHM, J,0.063W	1	
JS3077	JOJCC0000100	CHIP INDUCTOR	1	TC-32LX70L
JS7976,77	ERJ6GEY0R00V	M 0 OHM, 1/10W	2	
JS7979	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	
JS3082	JOJCC0000100	CHIP INDUCTOR	1	TC-26LX70L
L001	TALL08N470KA	INDUCTION COIL	1	
L1805,06	JOJHC0000078	CHIP INDUCTOR	2	
L1807	GLC100K00031	INDUCTION COIL	1	
L1808,09	JOJHC0000078	CHIP INDUCTOR	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L1810	G1C220MA0077	INDUCTOR COIL	1	
L1811	G1C330MA0167	INDUCTOR COIL	1	
L1812	G1C220MA0077	INDUCTOR COIL	1	
L1813	G1C330MA0167	INDUCTOR COIL	1	
L2001,02	G0A100ZA0033	CHOKE COIL	2	
L2003-05	J0JHC0000078	CHIP INDUCTOR	3	
L3001,02	G1C5R6K00007	INDUCTION COIL	2	
L3801	G0BYYYY00016	CHOKE COIL	1	
L4001-12	J0JHC0000078	CHIP INDUCTOR	12	
L4014,15	J0JHC0000078	CHIP INDUCTOR	2	
L4801	J0JHC0000045	CHIP INDUCTOR	1	
L4904	J0JHC0000078	CHIP INDUCTOR	1	
L5005-07	J0JHC0000078	CHIP INDUCTOR	3	
L5009	J0JHC0000078	CHIP INDUCTOR	1	
L5010	J0JBC0000080	CHIP INDUCTOR	1	
L5011-13	J0JHC0000078	CHIP INDUCTOR	3	
L7201	G0A680GA0002	INDUCTION COIL	1	
L7202	G0A101ZA0038	CHOKE COIL	1	
L7203	TLUADTB820K	PEAKING COIL	1	
L7204	G0C101K00023	INDUCTION COIL	1	
L7313,14	EXCELD25C	BEAD CHOKE	2	
L7316	G0A100GA0013	CHOKE COIL	1	
L7600	G0A100GA0013	CHOKE COIL	1	
L7702	G0A101ZA0038	CHOKE COIL	1	
L7959	G0A100GA0013	CHOKE COIL	1	
NPM	LSEP1221A1HB	MODULE P	1	△
Q001	2SB0709ARL	TRANSISTOR	1	
Q1002	2SB0709ARL	TRANSISTOR	1	
Q1007	2SD0601ARL	TRANSISTOR	1	
Q1151,52	2SB0709ARL	TRANSISTOR	2	
Q1153	2SD0601ARL	TRANSISTOR	1	
Q1215,16	2SD0601ARL	TRANSISTOR	2	
Q1801	B1DHDC000028	TRANSISTOR	1	
Q1802,03	UN5211	TRANSISTOR	2	
Q1804	UN2215	TRANSISTOR	1	
Q1805,06	UN5211	TRANSISTOR	2	
Q1807	B1DHDC000028	TRANSISTOR	1	
Q1808	UN5211	TRANSISTOR	1	
Q1809-11	2SD0601ARL	TRANSISTOR	3	
Q2019,20	UN5211	TRANSISTOR	2	
Q2030	2SD0601ARL	TRANSISTOR	1	
Q2031,32	B1CBHD000002	FET	2	
Q2303	2SD0601ARL	TRANSISTOR	1	
Q2305,06	2SB0709ARL	TRANSISTOR	2	
Q2312,13	2SD602A-R	TRANSISTOR	2	
Q3001	2SD0601ARL	TRANSISTOR	1	
Q3002	2SB0709ARL	TRANSISTOR	1	
Q3003	2SD0601ARL	TRANSISTOR	1	
Q3004	2SB0709ARL	TRANSISTOR	1	
Q3005,06	2SD0601ARL	TRANSISTOR	2	
Q3007	2SB0709ARL	TRANSISTOR	1	
Q3008,09	2SD0601ARL	TRANSISTOR	2	
Q3860	2SD0601ARL	TRANSISTOR	1	
Q3861	2SB0709ARL	TRANSISTOR	1	
Q3862	2SD0601ARL	TRANSISTOR	1	
Q4001	2SD0601ARL	TRANSISTOR	1	
Q4002,03	2SB0709ARL	TRANSISTOR	2	
Q4120,21	UN5211	TRANSISTOR	2	
Q5002,03	2SD0601ARL	TRANSISTOR	2	
Q5008	B1MBACA00008	TRANSISTOR	1	
Q5019-21	2SD0601ARL	TRANSISTOR	3	
Q5022	UN5214TX	TRANSISTOR	1	
Q5023	B1MBACA00008	TRANSISTOR	1	
Q5024	2SD0601ARL	TRANSISTOR	1	
Q5025	UN5214TX	TRANSISTOR	1	
Q7204	2SD0601ARL	TRANSISTOR	1	
Q7205,06	2SB0709ARL	TRANSISTOR	2	
Q7207,08	2SD0601ARL	TRANSISTOR	2	
Q7210	2SB0709ARL	TRANSISTOR	1	
Q7211	2SD602A-R	TRANSISTOR	1	
Q7212	2SD0601ARL	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q7214	2SD0601ARL	TRANSISTOR	1	
Q7223	2SB0709ARL	TRANSISTOR	1	
Q7224	2SD0601ARL	TRANSISTOR	1	
Q7301	2SD0601ARL	TRANSISTOR	1	
Q7303	2SD0601ARL	TRANSISTOR	1	
Q7508	2SD0601ARL	TRANSISTOR	1	
Q7701,02	2SD0601ARL	TRANSISTOR	2	
Q7805,06	2SD0601ARL	TRANSISTOR	2	
R001	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
R003	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R004	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R009,10	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1002	D0GB473JA057	M 47KOHM,J,1/16W	1	
R1008	D0GB473JA057	M 47KOHM,J,1/16W	1	
R1010	D0GB473JA057	M 47KOHM,J,1/16W	1	
R1015	D0GB103JA057	M 10KOHM,J,1/16W	1	
R1022	D0GB152JA057	M 1.5KOHM,J,1/16W	1	
R1028	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R1029	D0GB102JA057	M 1KOHM,J,1/16W	1	
R1030	J0JCC0000100	CHIP INDUCTOR	1	
R1167	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
R1171,72	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R1173	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R1174-77	J0JCC0000100	CHIP INDUCTOR	4	
R1178	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1179	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1180	ERJ2GED563X	M 56KOHM ,J,0.063W	1	
R1183	ERJ2GED563X	M 56KOHM ,J,0.063W	1	
R1184	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1185	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
R1186	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R1187	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1188	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R1189	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R1192	ERJ2GEJ562	M 5.6KOHM, J,0.063W	1	
R1194,95	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R1228	D0GB103JA057	M 10KOHM,J,1/16W	1	
R1229	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R1231	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R1233,34	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R1236-39	D0GB103JA057	M 10KOHM,J,1/16W	4	
R1700	ERJ3GEYJ912	M 9.31KOHM,J,1/16W	1	
R1701,02	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	2	
R1811	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1812	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R1813	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1814	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
R1815	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1816	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R1818	D0GB102JA057	M 1KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1819	ERJ3EKF5231	M5.23KOHM, 1/16W	1	
R1820	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R1821	ERJ3EKF2372	M23.7KOHM, 1/16W	1	
R1822	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R1825	D0GB102JA057	M 1KOHM,J,1/16W	1	
R1827	ERJ3EKF8061V	M8.06KOHM, 1/16W	1	PAVCA
R1828	D0GB102JA057	M 1KOHM,J,1/16W	1	
R1829	ERJ3EKF3301	M 3.3KOHM, 1/16W	1	
R1831	ERJ3EKF9101	M 9.1KOHM, 1/16W	1	
R1832	ERJ3EKF3301	M 3.3KOHM, 1/16W	1	
R1835	D0GB103JA057	M 10KOHM,J,1/16W	1	
R1838	ERJ3EKF5102	M51.0KOHM, 1/16W	1	
R1839	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R1840	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	
R1842	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R1843	D0GB154JA057	M 150KOHM,J,1/16W	1	
R1844	ERJ3EKF1802	M 18KOHM, 1/16W	1	
R1845	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R1846	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	
R1848	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R1849	D0GB154JA057	M 150KOHM,J,1/16W	1	
R1850,51	J0JCC0000100	CHIP INDUCTOR	2	
R1857,58	ERJ3GEYJ474	M 470KOHM,J,1/16W	2	
R1859	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
R1861	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R1862	D0GB123JA057	M 12KOHM,J,1/16W	1	
R1864	J0JCC0000100	CHIP INDUCTOR	1	
R1866	J0JCC0000100	CHIP INDUCTOR	1	
R1868,69	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1870	ERJ12YJ181U	M 180OHM,J, 1/2W	1	
R1873	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
R1874	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R1875,76	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1877	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R1878	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1879	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1880	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
R2096	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R2097	ERJ2GEJ393	M 39KOHM,J,0.063W	1	
R2098	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R2099,00	ERJ3GEYJ100	M 10 OHM,J,1/16W	2	
R2101,02	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R2103-06	ERJ3EKF4701	M 4.7KOHM, 1/16W	4	
R2109	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R2110	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R2111	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R2112,13	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R2114	ERJ2GEJ154	M 150KOHM, J,0.063W	1	
R2115	ERJ2GEJ393	M 39KOHM,J,0.063W	1	
R2118,19	D0GB102JA057	M 1KOHM,J,1/16W	2	
R2120	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R2121	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R2122	ERJ2GEJ154	M 150KOHM, J,0.063W	1	
R2123-32	D0GB102JA057	M 1KOHM,J,1/16W	10	
R2133,34	ERJ2GEJ103	M 10KOHM, J,0.063W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2135,36	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2139,40	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R2141,42	D0GB103JA057	M 10KOHM,J,1/16W	2	
R2143	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R2148,49	ERJ2GEJ562	M 5.6KOHM, J,0.063W	2	
R2150,51	D0YAR0000007	M 0.0 OHM, J,0.063W	2	
R2152-54	ERJ2GEJ104	M 100KOHM, J,0.063W	3	
R2155,56	D0GB105JA057	M 1MOHM,J,1/16W	2	
R2159,60	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R2161	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R2208	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
R2209,10	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R2211,12	ERJ2GEJ102X	M 1KOHM, J,0.063W	2	
R2220	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
R2303,04	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R2306	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R2307	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R2308	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R2310	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2313	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R2314	ERJ2GEJ105	M 1MOHM, J,0.063W	1	
R2381	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
R2382	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R2383	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R3001,02	D0GB184JA057	M 180KOHM,J,1/16W	2	
R3003-05	ERJ6RED750	M 75 OHM, 1/10W	3	
R3006,07	D0GB184JA057	M 180KOHM,J,1/16W	2	
R3008-10	ERJ6RED750	M 75 OHM, 1/10W	3	
R3011,12	D0GB184JA057	M 180KOHM,J,1/16W	2	
R3013-15	ERJ6RED750	M 75 OHM, 1/10W	3	
R3016,17	D0GB184JA057	M 180KOHM,J,1/16W	2	
R3019	ERJ6RED750	M 75 OHM, 1/10W	1	
R3020,21	ERJ3GEYJ431V	M 430 OHM,J,1/16W	2	
R3022	ERJ6GEYG331	M 330 OHM,J,1/10W	1	
R3023	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3024	ERJ6GEYG271	M 270 OHM,J,1/10W	1	
R3026	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R3027	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3028	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R3029	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R3031	ERJ3EKF2200	M 220 OHM, 1/16W	1	
R3032	D0GB102JA057	M 1KOHM,J,1/16W	1	
R3033	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3034	D0GB184JA057	M 180KOHM,J,1/16W	1	
R3035,36	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3037,38	ERJ2GEJ101	M 100 OHM, J, 0.063W	2	
R3039	ERJ2GEJ105	M 1MOHM, J, 0.063W	1	
R3040	ERJ2GEJ274	M 270KOHM, J, 0.063W	1	
R3041	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R3042	ERJ2GEJ102X	M 1KOHM, J, 0.063W	1	
R3043	D0GB184JA057	M 180KOHM, J, 1/16W	1	
R3051-53	J0JCC0000100	CHIP INDUCTOR	3	
R3100-30	J0JCC0000100	CHIP INDUCTOR	31	
R3131,32	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	2	
R3133,34	D0GB225JA057	M 2.2MOHM, J, 1/16W	2	
R3135,36	D0GB105JA057	M 1MOHM, J, 1/16W	2	
R3801-05	ERJ8GEY0R00	M 0 OHM, 1/8W	5	
R3811	ERJ6RED750	M 75 OHM, 1/10W	1	
R3817,18	ERJ6GEYJ184	M 180KOHM, J, 1/10W	2	
R3861	ERJ3GEYJ333	M 33KOHM, J, 1/16W	1	
R3862	ERJ3GEYD153V	M 15KOHM, J, 1/16W	1	
R3863	ERJ3GEYJ563	M 56KOHM, J, 1/16W	1	
R3864	ERJ3GEYJ333	M 33KOHM, J, 1/16W	1	
R3865,66	ERJ3GEYJ563	M 56KOHM, J, 1/16W	2	
R3873	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R3876	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R3879	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R3880	D0GB102JA057	M 1KOHM, J, 1/16W	1	
R4001	ERJ3EKF7151	M 7.15KOHM, 1/16W	1	
R4003	D0GB102JA057	M 1KOHM, J, 1/16W	1	
R4004	J0JCC0000100	CHIP INDUCTOR	1	
R4005	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R4007,08	ERJ3GEYJ101	M 100 OHM, J, 1/16W	2	
R4009,10	EXB38VR000V	RESISTOR ARRAY	2	
R4011,12	D0GB102JA057	M 1KOHM, J, 1/16W	2	
R4014	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4015	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
R4018	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R4021	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R4023	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4025	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4026	J0JCC0000100	CHIP INDUCTOR	1	
R4028	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R4031,32	J0JCC0000100	CHIP INDUCTOR	2	
R4034	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4038	ERJ2GEJ822	M 8.2KOHM, J, 0.063W	1	
R4039	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R4040	ERJ3EKF3901	M 3.9KOHM, 1/16W	1	
R4042	ERJ3EKF3901	M 3.9KOHM, 1/16W	1	
R4044	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R4047-50	ERJ3GEYJ101	M 100 OHM, J, 1/16W	4	
R4053	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4055	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4057-59	ERJ3GEYJ101	M 100 OHM, J, 1/16W	3	
R4061	J0JCC0000100	CHIP INDUCTOR	1	
R4062	D0GB102JA057	M 1KOHM, J, 1/16W	1	
R4063	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4064	D0GB473JA057	M 47KOHM, J, 1/16W	1	
R4065	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R4066	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4069	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4071	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R4072	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4077	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R4078	D0GB102JA057	M 1KOHM, J, 1/16W	1	
R4079	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4080	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R4082	J0JCC0000100	CHIP INDUCTOR	1	
R4084	D0GB102JA057	M 1KOHM, J, 1/16W	1	
R4087	D0GB102JA057	M 1KOHM, J, 1/16W	1	
R4089	D0GB151JA057	M 150 OHM, J, 1/16W	1	
R4092	D0GB102JA057	M 1KOHM, J, 1/16W	1	
R4093	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R4094	D0GB151JA057	M 150 OHM, J, 1/16W	1	
R4097-00	D0GB151JA057	M 150 OHM, J, 1/16W	4	
R4101	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R4102	D0GB151JA057	M 150 OHM, J, 1/16W	1	
R4103	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R4104	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	1	
R4105,06	D0GB103JA057	M 10KOHM, J, 1/16W	2	
R4107	D0GB151JA057	M 150 OHM, J, 1/16W	1	
R4108	D0GB102JA057	M 1KOHM, J, 1/16W	1	
R4109	D0GB151JA057	M 150 OHM, J, 1/16W	1	
R4110	D0GB102JA057	M 1KOHM, J, 1/16W	1	
R4111	D0GB151JA057	M 150 OHM, J, 1/16W	1	
R4113	D0GB151JA057	M 150 OHM, J, 1/16W	1	
R4115	D0GB151JA057	M 150 OHM, J, 1/16W	1	
R4117	D0GB151JA057	M 150 OHM, J, 1/16W	1	
R4119,20	J0JCC0000100	CHIP INDUCTOR	2	
R4122	J0JCC0000100	CHIP INDUCTOR	1	
R4123	D0GB151JA057	M 150 OHM, J, 1/16W	1	
R4124	J0JCC0000100	CHIP INDUCTOR	1	
R4125-27	D0GB151JA057	M 150 OHM, J, 1/16W	3	
R4128	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R4129	D0GB182JA057	M 1.8KOHM, J, 1/16W	1	
R4130	J0JCC0000100	CHIP INDUCTOR	1	
R4131,32	ERJ3GEYJ221	M 220 OHM, J, 1/16W	2	
R4133	J0JCC0000100	CHIP INDUCTOR	1	
R4134,35	ERJ3GEYJ331	M 330 OHM, J, 1/16W	2	
R4136	ERJ3GEYJ223	M 22KOHM, J, 1/16W	1	
R4138,39	D0GB103JA057	M 10KOHM, J, 1/16W	2	
R4140	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R4141	ERJ3GEYJ121	M 120 OHM, J, 1/16W	1	
R4146	J0JCC0000100	CHIP INDUCTOR	1	
R4149	D0YAR0000007	M 0.0 OHM, J, 0.063W	1	
R4189	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4190	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R4191-93	D0GB103JA057	M 10KOHM, J, 1/16W	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4194	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R4195	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4196	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R4197	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4198	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R4199	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R4200	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R4201	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R4202	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R4203	D0GB102JA057	M 1KOHM, J, 1/16W	1	
R4204-08	ERJ3EKF1600	M 160 OHM, 1/16W	5	
R4209,10	J0JCC0000100	CHIP INDUCTOR	2	
R4213	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R4215	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4216	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R4217,18	ERJ3GEYJ101	M 100 OHM, J, 1/16W	2	
R4219,20	D0GB102JA057	M 1KOHM, J, 1/16W	2	
R4221,22	D0GB103JA057	M 10KOHM, J, 1/16W	2	
R4225	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R4226	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	1	
R4227	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R4228	D0GB102JA057	M 1KOHM, J, 1/16W	1	
R4229,30	ERJ3GEYJ392	M 3.9KOHM, J, 1/16W	2	
R4232	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4240-43	D0GB103JA057	M 10KOHM, J, 1/16W	4	
R4244	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4245-48	ERJ2GEJ103	M 10KOHM, J, 0.063W	4	
R4249,50	ECJ0EC1H560J	C 560PF, K, 50V	2	
R4251-62	ERJ2GEJ103	M 10KOHM, J, 0.063W	12	
R4265	D0YAR0000007	M 0.0 OHM, J, 0.063W	1	
R4266	ERJ2GEJ1R8X	M 1.8OHM, J, 0.063W	1	
R4267	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R4268	ERJ3GEYJ223	M 22KOHM, J, 1/16W	1	
R4269	ERJ3GEYJ333	M 33KOHM, J, 1/16W	1	
R4271-80	ERJ3GEYJ221	M 220 OHM, J, 1/16W	10	
R4281,82	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	2	
R4324	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R4325,26	D0YAR0000007	M 0.0 OHM, J, 0.063W	2	
R4656	J0JCC0000100	CHIP INDUCTOR	1	
R4666,67	J0JCC0000100	CHIP INDUCTOR	2	
R4750-59	D0YAR0000007	M 0.0 OHM, J, 0.063W	10	
R5002	ERJ3GEYJ390	M 39 OHM, J, 1/16W	1	
R5006	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R5015-22	ERJ3GEYJ2R7	M 2.7HM, J, 1/16W	8	
R5025	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R5026	J0JDC0000046	CHIP INDUCTOR	1	
R5027	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R5029	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R5031	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R5036	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R5040	D0GB473JA057	M 47KOHM, J, 1/16W	1	
R5041	ERJ3GEYJ560	M 56 OHM, J, 1/16W	1	
R5045	ERJ3GEYJ560	M 56 OHM, J, 1/16W	1	
R5048,49	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5052,53	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	2	
R5055	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R5057	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R5058	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R5060	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R5061,62	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R5063	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R5064	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R5065	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R5066	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R5067	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R5068	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R5069	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R5070	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R5073	D0GB105JA057	M 1MOHM, J, 1/16W	1	
R5075	ERJ3GEYJ821	M 820 OHM, J, 1/16W	1	
R5077	D0GB182JA057	M 1.8KOHM, J, 1/16W	1	
R5078	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R5080	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R5081	D0GB182JA057	M 1.8KOHM, J, 1/16W	1	
R5082	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R5083	EXB38V470J	RESISTOR ARRAY	1	
R5084	EXB2HV470JV	RESISTOR ARRAY	1	
R5085	J0JBC0000099	CHIP INDUCTOR	1	PAVCA
R5086	EXB2HV470JV	RESISTOR ARRAY	1	
R5088	J0JCC0000100	CHIP INDUCTOR	1	
R5091	J0JCC0000100	CHIP INDUCTOR	1	
R5093	ERJ3GEYJ273	M 27KOHM, J, 1/16W	1	
R5094	ERJ3GEYJ221	M 220 OHM, J, 1/16W	1	
R5095	ERJ3GEYJ224	M 220KOHM, J, 1/16W	1	
R5096	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R5097	D0GB473JA057	M 47KOHM, J, 1/16W	1	
R5098	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R5099	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R5100	D0GB225JA057	M 2.2MOHM, J, 1/16W	1	
R5101	J0JCC0000100	CHIP INDUCTOR	1	
R5102	ERJ3GEYJ223	M 22KOHM, J, 1/16W	1	
R5103	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R5104	D0GB102JA057	M 1KOHM, J, 1/16W	1	
R5107	EXB2HVR000	RESISTOR ARRAY	1	
R5108,09	EXB2HV104JV	RESISTOR ARRAY	2	
R5110	ERJ2GEJ561	M 60 OHM, J, 0.063W	1	
R5111-13	ERJ2GEJ104	M 100KOHM, J, 0.063W	3	
R5114	J0JCC0000100	CHIP INDUCTOR	1	
R5116-19	J0JCC0000100	CHIP INDUCTOR	4	
R5124	J0JCC0000100	CHIP INDUCTOR	1	
R5125	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R5129	J0JCC0000100	CHIP INDUCTOR	1	
R5130,31	D0GB473JA057	M 47KOHM, J, 1/16W	2	
R7208	ERJ6GEYG221	M 220 OHM, J, 1/10W	1	
R7209	ERJ6GEYG103	M 10KOHM, J, 1/10W	1	
R7210,11	ERJ6GEYF473	M 47KOHM, J, 1/10W	2	
R7212	ERJ6GEYG103	M 10KOHM, J, 1/10W	1	
R7213-16	ERJ6GEYF472	M 4.7KOHM, J, 1/10W	4	
R7217	ERJ6GEYG102	M 1KOHM, J, 1/10W	1	
R7218	ERJ6GEYOR00V	M 0 OHM, 1/10W	1	
R7219	ERJ6GEYG103	M 10KOHM, J, 1/10W	1	
R7220	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
R7221	ERJ14YJ152U	M 15KOHM, J, 1/4W	1	
R7223	ERJ6GEYG222	M 2.2KOHM, J, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7224	ERJ6GEYG152	M 1.5KOHM,J,1/10W	1	
R7225	ERJ14YJ122U	M 12KOHM, J,1/4W	1	PAVCA
R7227	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7228,29	ERJ6GEYF473	M 47KOHM,J,1/10W	2	
R7232,33	ERJ14YJ152U	M 15KOHM, J,1/4W	2	
R7234	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	
R7237,38	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R7241	ERJ6GEYF472	M 4.7KOHM,J,1/10W	1	
R7242	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
R7243	ERJ6ENF7151	M7.15KOHM, 1/10W	1	
R7247	ERJ6ENF3012	M30.1KOHM, 1/10W	1	
R7250	ERJ6GEYF472	M 4.7KOHM,J,1/10W	1	
R7286,87	ERJ6GEY0R00V	M 0 OHM, 1/10W	2	
R7289	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	
R7290	ERJ6ENF1021	M 1.0KOHM, 1/10W	1	
R7291	ERJ6ENF1132	M11.3KOHM, 1/10W	1	
R7292	ERJ6ENF1101	M 1.1KOHM, 1/10W	1	
R7293	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R7294	ERJ6ENF1021	M 1.0KOHM, 1/10W	1	
R7295	ERJ6ENF4871	M4.87KOHM, 1/10W	1	
R7301	ERJ6GEYF472	M 4.7KOHM,J,1/10W	1	
R7303	ERJ6GEYG102	M 1KOHM,J,1/10W	1	
R7308	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	
R7312	ERJ6GEYF472	M 4.7KOHM,J,1/10W	1	
R7313	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
R7314	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R7321	ERJ6GEYG102	M 1KOHM,J,1/10W	1	
R7330	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R7334	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R7335,36	ERJ6GEYF473	M 47KOHM,J,1/10W	2	
R7344	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
R7345	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7349	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R7350,51	ERJ6GEYF473	M 47KOHM,J,1/10W	2	
R7484	ERJ12YJ560	M 56 OHM,J, 1/2W	1	
R7485	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	
R7486	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R7487	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	
R7488	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7492,93	ERJ6GEY0R00V	M 0 OHM, 1/10W	2	
R7494	ERJ14YJ222	M 22KOHM, J,1/4W	1	
R7702	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R7703	ERJ6ENF6651	M6.65KOHM, 1/10W	1	
R7704	ERJ6GEYG102	M 1KOHM,J,1/10W	1	
R7705	ERJ12YJ471	M 470OHM,J, 1/2W	1	
R7707	ERJ6GEYF123	M 12KOHM,J,1/10W	1	
R7708	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7709	ERJ6GEYF472	M 4.7KOHM,J,1/10W	1	
R7710	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
R7711	ERJ6GEYF472	M 4.7KOHM,J,1/10W	1	
R7712	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7804	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R7805	ERJ6GEYG102	M 1KOHM,J,1/10W	1	
RM1001	PNA4701M05TV	REMOCON RECEIVER	1	
RTL	TNPA4266S	CIRCUIT BOARD G	1	PAVCA △
RTL	TNPH0677ABS	CIRCUIT BOARD A	1	TC-32LX70L PAVCA △
RTL	TNPH0677AGS	CIRCUIT BOARD A	1	TC-26LX70L PAVCA △
RTL	TNPA4325S	CIRCUIT BOARD V	1	PAVCA △
RTL	TNPA3849AHS	CIRCUIT BOARD AP	1	PAVCA △
SW7203	K0F122A00172	SWITCREMOTE CONTROLH	1	
TP2200	ERD25V0R00	C 0 OHM, 1/4W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
TU001	ENG36A16GLF	TUNER	1	△
V1	K1KA08BA0061	8P CONNECTOR	1	
X4001	H0J202500011	CRYSTAL	1	
X5001	H0J283500018	CRYSTAL	1	
ZA4001-08	TESA169	SHIELD CLIP	8	
ZA4030	TESA169	SHIELD CLIP	1	
ZA7002	K9ZZ00001279	CONNECTOR	1	
ZA7004	K9ZZ00001279	CONNECTOR	1	
ZA7006	K9ZZ00001279	CONNECTOR	1	