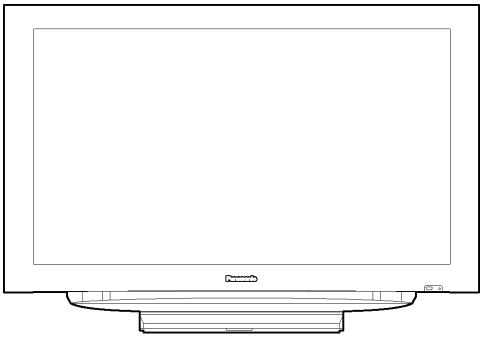
ORDER NO.MTNC080206CE
B05 Canada: B07

Service Manual

26 inch/32 inch Class LCD HDTV



Model No. TC-26LX85
TC-32LX85

LH70 Chassis

⚠ 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 Safety Precautions

1.1. General Guidelines

1. 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.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.
4. When conducting repairs and servicing, do not attempt to modify the equipment, its parts or its materials.
5. 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.
6. When conducting repairs and servicing, do not twist the Faston connectors but plug them straight in or unplug them straight out.

1.1.1. 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 100 Mohm and over.
   When the exposed metal does not have a return path to the chassis, the reading must be ∞.

1.1.2. 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.

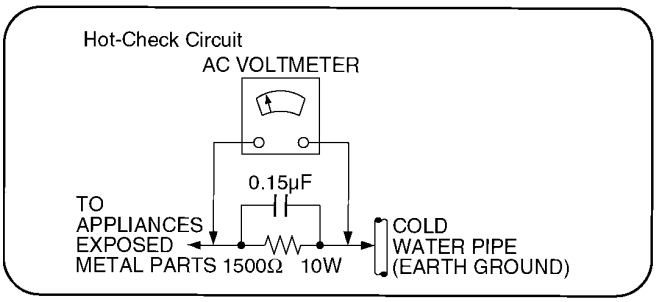


Figure 1

2 Warning

2.1. 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.

2.2. About lead free solder (PbF)

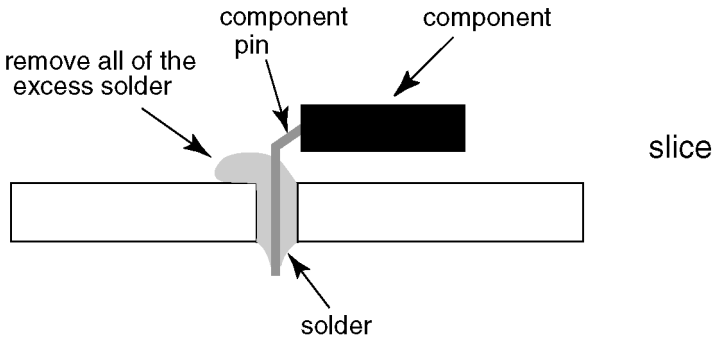
Note: Lead is listed as (Pb) in the periodic table of elements.
In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.
The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).
That is Tin (Sn), Silver (Ag) and Copper (Cu) although 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.

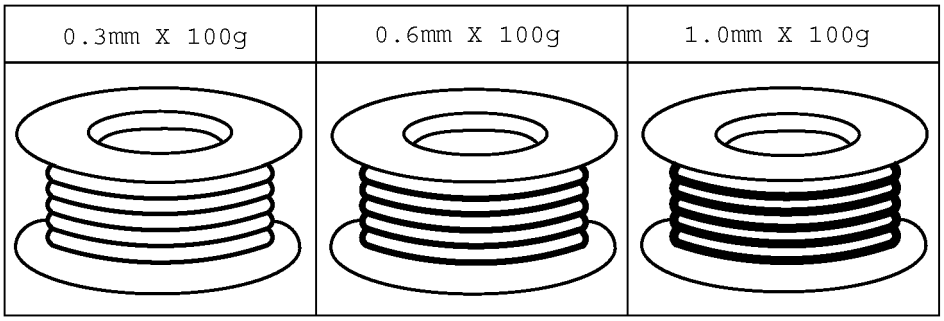
Caution

- 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)



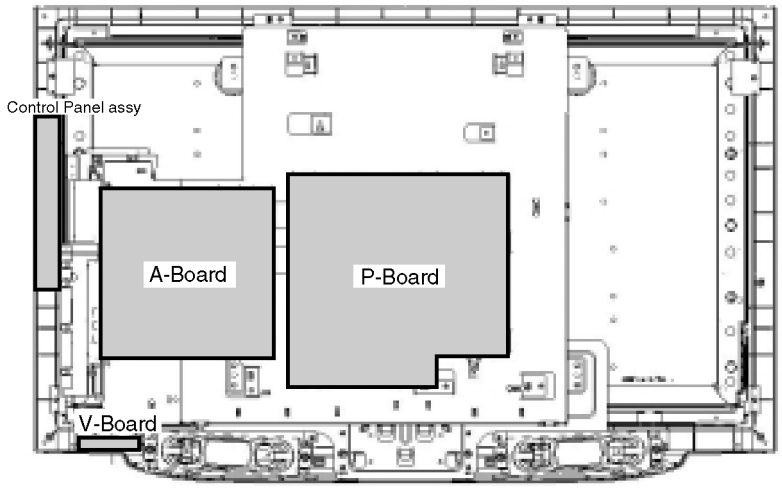
Suggested Pb free solder

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.



3 Service Navigation

3.1. Service Hint



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

3.2. 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.

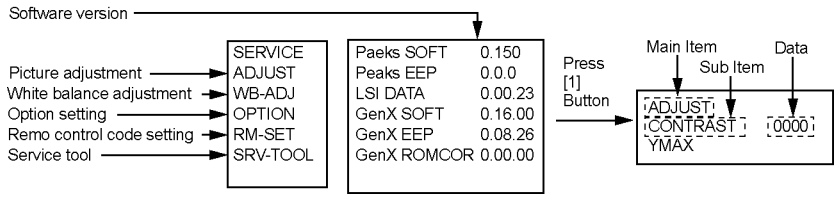
4 Specifications

Power Source	AC 120 V, 60 Hz	
Power Consumption		
Maximum	124 W (TC-26LX85), 142 W (TC-32LX85)	
Standby Condition	0.6 W	
Display panel		
Aspect Ratio	16:9	
Visible screen size	26 inch class (26.0 inches measured diagonally) (TC-26LX85) 32 inch class (31.5 inches measured diagonally) (TC-32LX85)	
(W × H × Diagonal)	22.7 inch × 12.8 inch × 26.0 inch (576 mm × 324 mm × 661 mm) (TC-26LX85) 27.5 inch × 15.4 inch × 31.5 inch (698 mm × 392 mm × 800 mm) (TC-32LX85)	
(No. of pixels)	1,049,088 (1,366 (W) × 768(H)) [4,098 × 768 dots] (TC-26LX85) 1,049,088 (1,366 (W) × 768(H)) [4,098 × 768 dots] (TC-32LX85)	
Sound		
Speaker	1 way 2 speakers slim under SP System	
Audio Output	10 W [5 W + 5 W] (10 % THD) (TC-26LX85) 20 W [10 W + 10 W] (10 % THD) (TC-32LX85)	
Channel Capability-ATSC/NTSC (Digital/Analog)	VHF/ UHF: 2 - 69, CATV: 1 - 135	
Operating Conditions	Temperature:	32 °F - 95 °F (0 °C - 35°C)
	Humidity:	20 % - 80 % RH (non-condensing)
Connection Terminals		
VIDEO IN 1	VIDEO:	RCA PIN Type × 1 1.0 V[p-p] (75 Ω)
	S VIDEO:	Mini DIN 4-pin Y: 1.0 V[p-p] (75 Ω) C: 0.286 V [p-p] (75 Ω)
	AUDIO L - R:	RCA PIN Type × 2 0.5 V [rms]
VIDEO IN 2	VIDEO:	RCA PIN Type × 1 1.0 V [p-p] (75 Ω)
	AUDIO L - R:	RCA PIN Type × 2 0.5 V [rms]
COMPONENT IN 1	Y:	1.0 V [p-p] (including synchronization)
	PB, PR:	±0.35 V [p-p]
	AUDIO L-R:	RCA PIN Type × 2 0.5 V [rms]
HDMI 1-3	TYPE A Connector × 3 . ● This TV supports [HDAVI Control 3] function.	
Card slot	SD CARD slot × 1	
PROG OUT	AUDIO L - R:	RCA PIN Type × 2 0.5 V [rms]
DIGITAL AUDIO OUT	PCM / Dolby Digital, Fiber Optic	
FEATURES	CLOSED CAPTION, V-Chip HDMI (HDAVI Control 3) Vesa compatible, Photo viewer	
Dimensions (W × H × D)		
Including TV stand	27.6 inch × 19.4 inch × 8.9 inch (700 mm × 491 mm × 225 mm) (TC-26LX85) 32.3 inch × 22.7 inch × 8.9 inch (819 mm × 575 mm × 225 mm) (TC-32LX85)	
TV Set only	27.6 inch × 17.8 inch × 4.8 inch (700 mm × 451 mm × 120 mm) (TC-26LX85) 32.3 inch × 21.1 inch × 4.8 inch (819 mm × 534 mm × 120 mm) (TC-32LX85)	
Mass	28.7 lb. (13 kg) NET (TC-26LX85) 35.3 lb. (16 kg) NET (TC-32LX85)	

5 Service Mode

5.1. How to enter into Service Mode

While pressing [VOLUME (-)] button of the main unit, press [INFO] button of the remote control three times within 2 seconds.



5.1.1. 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 (-)

5.1.2. 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
ADJUST	CONTRAST	000	
	COLOR	42	
	TINT	00	
	SUB-BRT	808	
	BACKLGT	27B	
	B-Y-G	36	
	R-Y-A	00	
WB-ADJ	R-GAIN	FF	
	G-GAIN	F1	
	B-GAIN	E6	
	R-CENT	7F	
	G-CENT	80	
	B-CENT	70	
OPTION	Boot	ROM	Factory Preset.
	STBY-SET	00	
	Emergency	OFF	
	CLK MODE	00	
	CLOCK	000	
RM-SET	CODE	A	Fixed.
SRV-TOOL		00	See next.

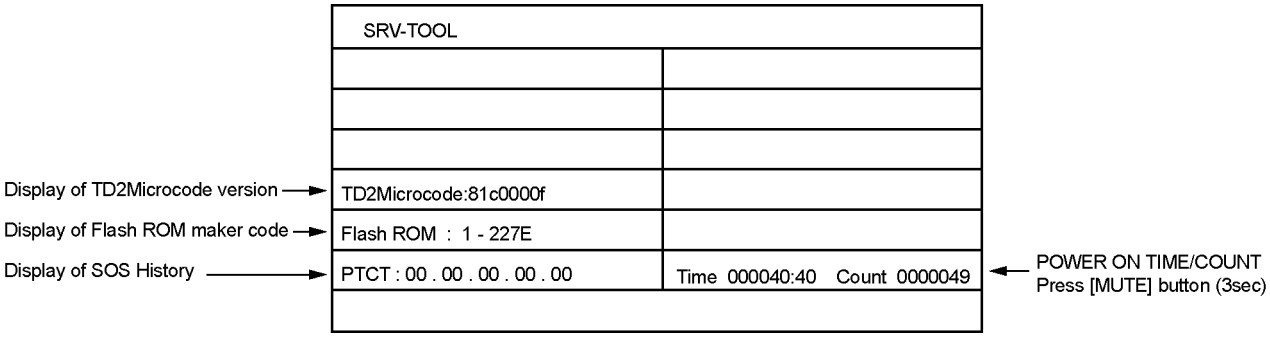
5.1.3. How to exit

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

5.2. SRV-TOOL

5.2.1. How to access

1. Select [SRV-TOOL] in Service Mode.
2. Press [OK] button on the remote control.



5.2.2. Display of SOS History

SOS History (Number of LED blinking) indication.
From left side; Last SOS, before Last, three occurrence before, 2nd occurrence after shipment, 1st occurrence after shipment.
This indication except 2nd and 1st occurrence after shipment will be cleared by [Self-check indication and forced to factory shipment setting].

5.2.3. POWER ON TIME/COUNT

Note : To display TIME/COUNT menu, highlight position, then press MUTE for (3sec).
Time : Cumulative power on time, indicated hour : minute by decimal
Count : Number of ON times by decimal
Note : This indication will not be cleared by either of the self-checks or any other command.

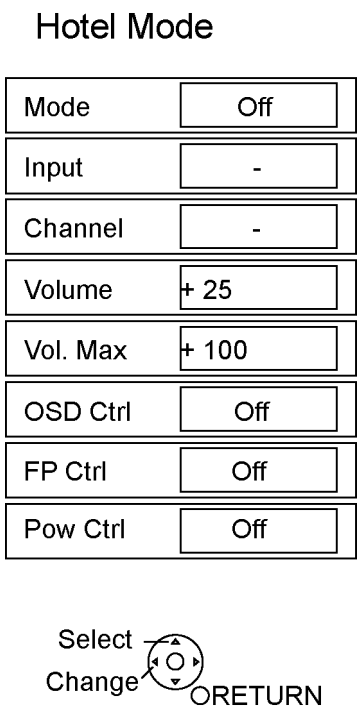
5.2.4. Exit

1. Disconnect the AC cord from wall outlet.

5.3. 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
   Disconnect AC power cord from wall outlet.
4. Explain the Hotel mode setup menu

item	Function
Mode	Select hotel mode off/on
Input	Select input signal modes. Set the input, when each time power is switched on. Selection: -/RF/Component/HDMI1/HDMI2/Video1/ Video2 • 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 100
Vol. Max	Adjust maximum volume. Range: 0 to 100
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. • Pattern1: 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.

6 Troubleshooting Guide

Use the self-check function to test the unit.

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

6.1. Check of the IIC bus lines

6.1.1. How to access

Self-check indication only:

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

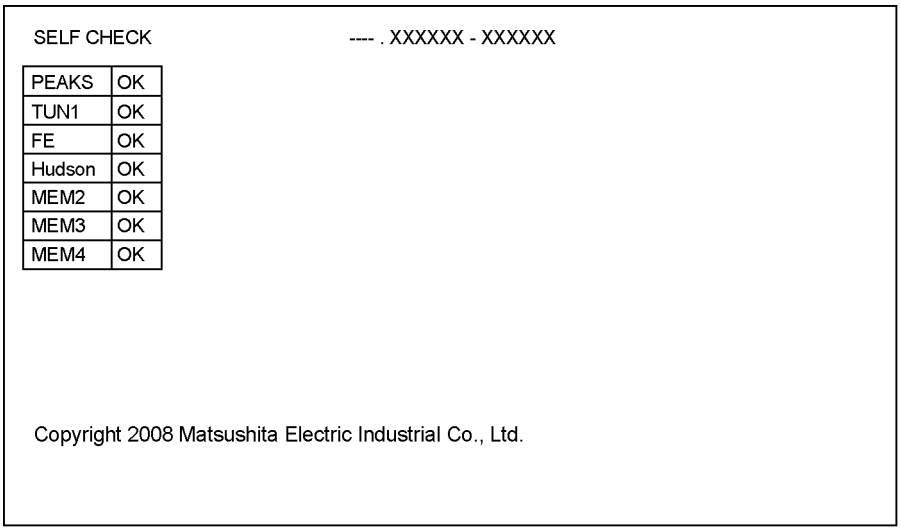
Self-check indication and forced to factory shipment setting:

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

6.1.2. Exit

Disconnect the AC cord from wall outlet.

6.1.3. Screen display



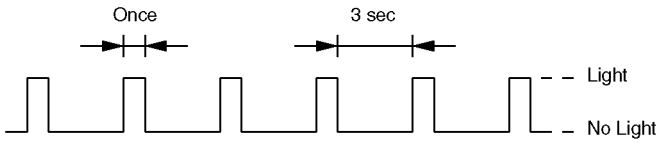
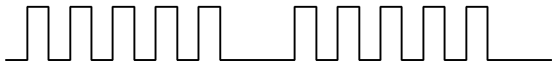
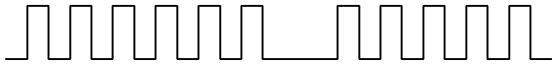
6.1.4. Check Point

Confirm the following parts if NG was displayed.

DISPLAY	Ref. No.	Description	P.C.B.
PEAKS	IC8001	PEAKS LITE 2P	A-Board
TUN1	TU8300	TUNER	A-Board
FE	IC8300	FRONT END	A-Board
Hudson	IC4003	Hudson2	A-Board
MEM2	IC8503	EEPROM	A-Board
MEM3	IC4004	EEPROM	A-Board
MEM4	IC4504	EEPROM	A-Board

6.2. 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.

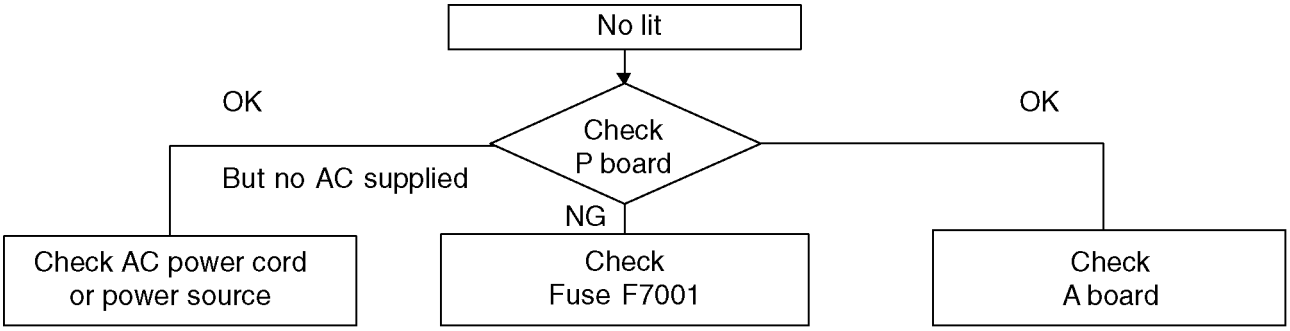
Blinking Times	Blinking timing	Contents	Check point
1		INVERTER SOS	LCD PANEL
3		SOS BT 30V / SUB 9V	P-Board
4		DTV 12V	P-Board
5		MAIN 9V	P-Board
6		SUB 5V	A-Board
7		SUB 3.3V	A-Board
8		MAIN 3.3V	A-Board
9		SOUND SOS	A-Board
13		EMERGENCY SOS (Communication Error between IC8001 and IC4003.)	A-Board

6.3. 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 6.2.)

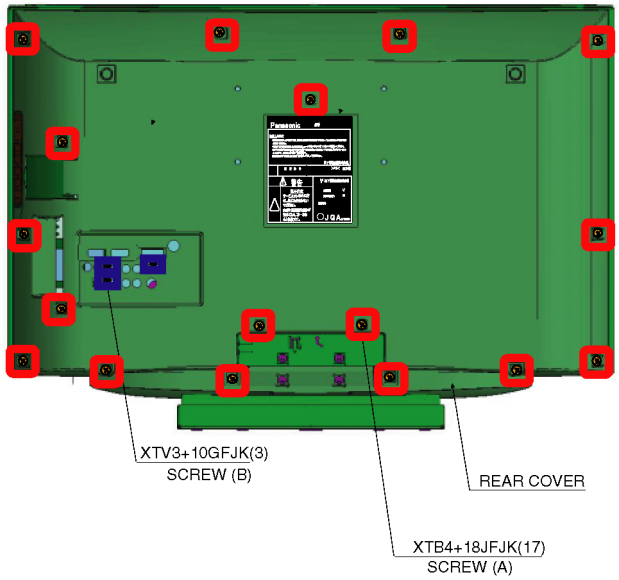


7 Disassembly and Assembly Instructions

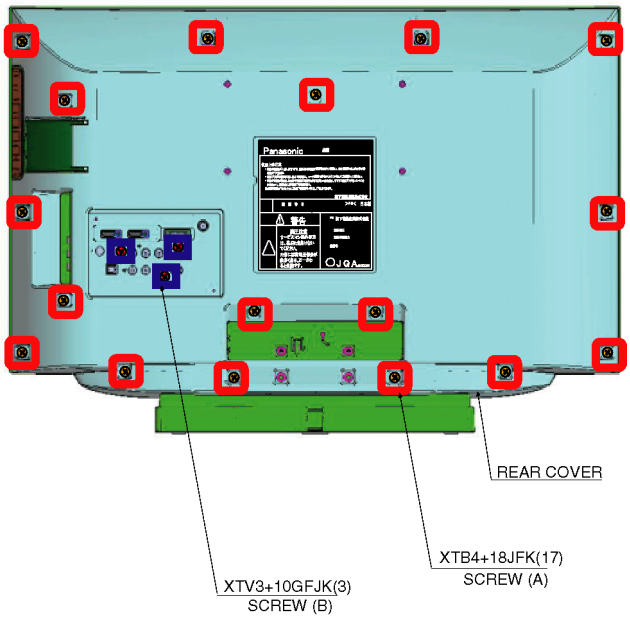
7.1. Rear cover

1. Remove the 17 screws (A).
2. Remove the 3 screws (B),
3. Remove the rear cover.

32 inch

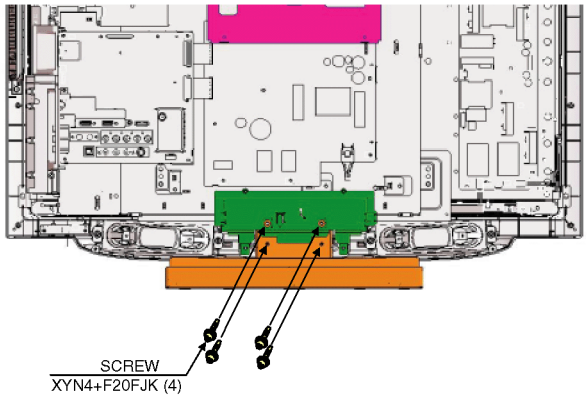


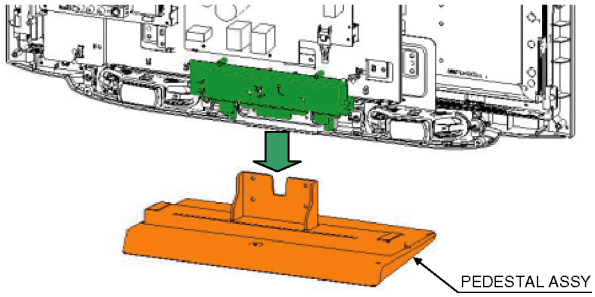
26 inch



7.2. Pedestal assy

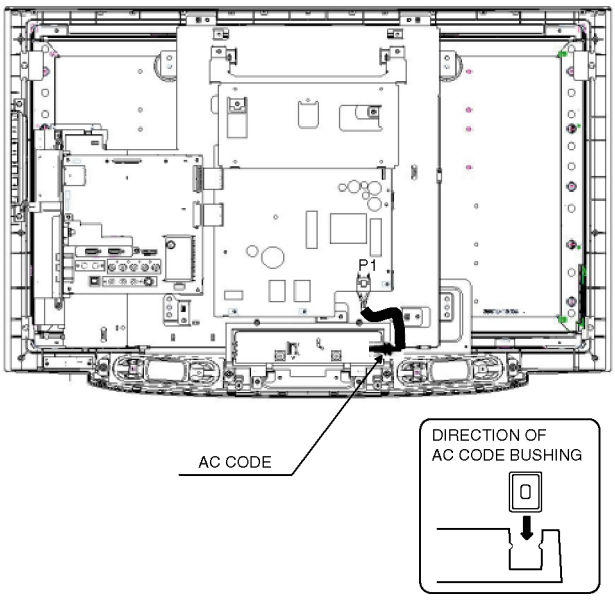
1. Lay down the unit so that the rear cover faces upward.
2. Remove the 4 screws.
3. Remove the pedestal assy.





7.3. AC cord

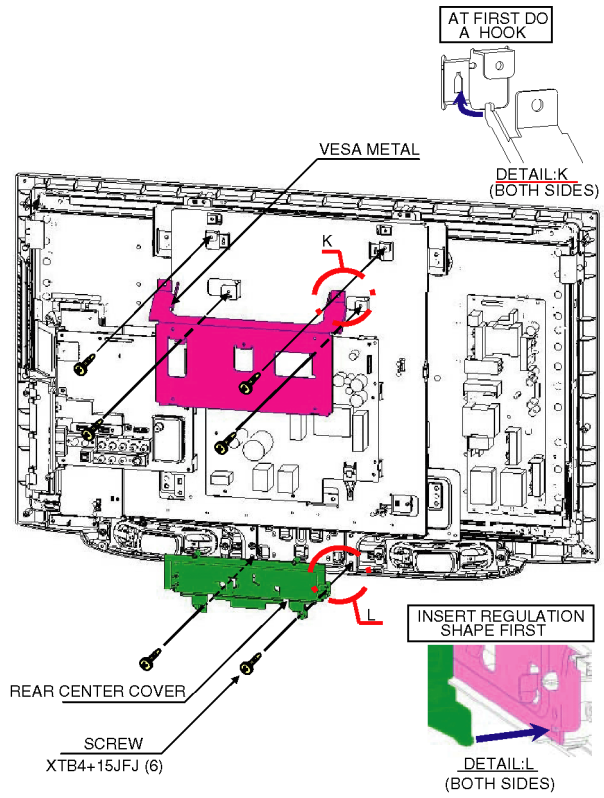
1. Remove the bushing of the AC cord from the tuner cover.
2. Disconnect the connector (P1) of AC cord.



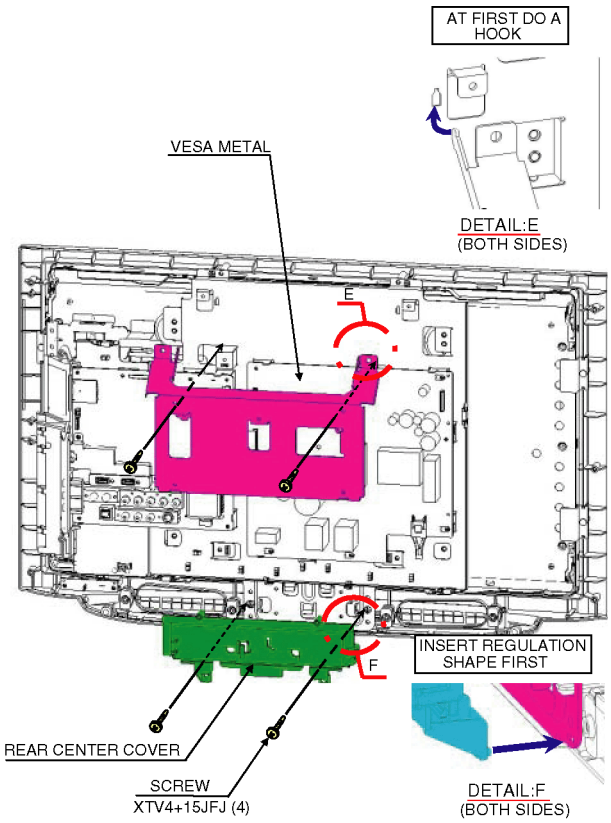
7.4. VESA metal and Rear center cover

1. Remove the 6 (32 inch) / 4 (26 inch) screws.
2. Remove the VESA metal and Rear center cover.

32 inch

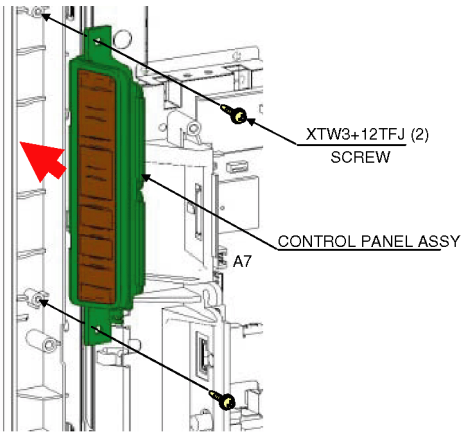


26 inch



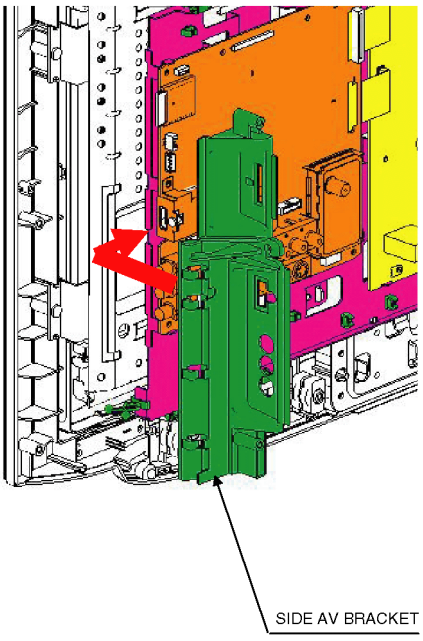
7.5. Control panel assy

1. Disconnect the connector (A7).
2. Remove the 2 screws.
3. Remove the control panel assy.



7.6. Side AV bracket and Inverter shield

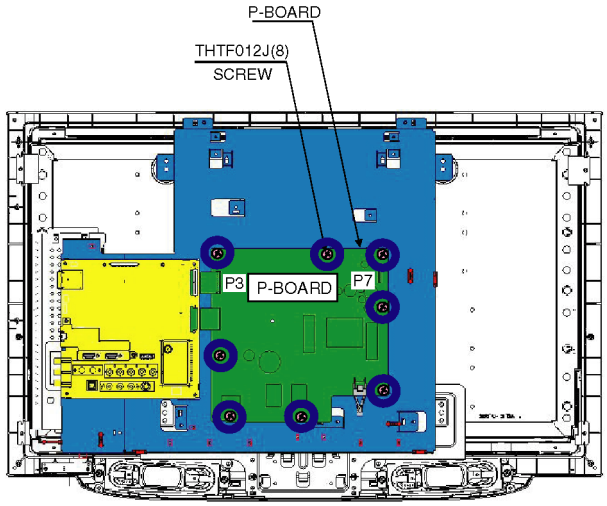
1. Remove the side AV bracket.



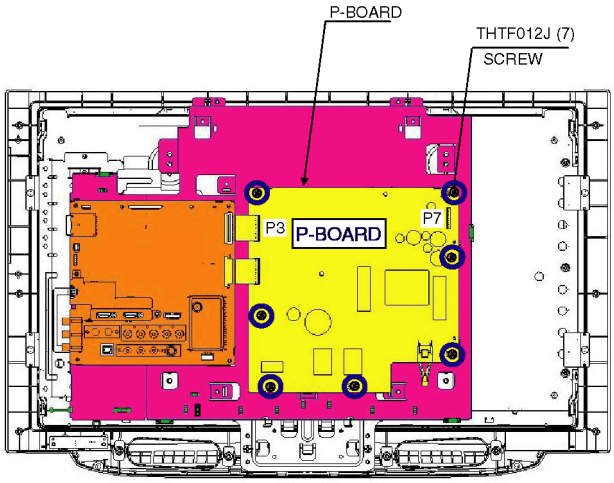
7.7. P-Board

1. Remove the 7 (32 inch) / 6 (26 inch) screws.
2. Disconnect the connectors (P3/P7).
3. Remove the P-Board.

32 inch

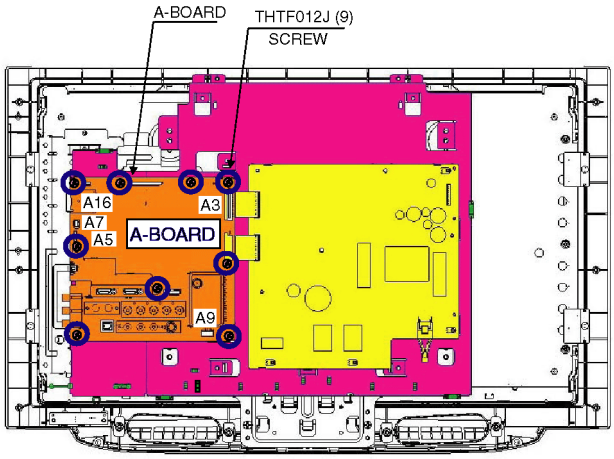


26 inch



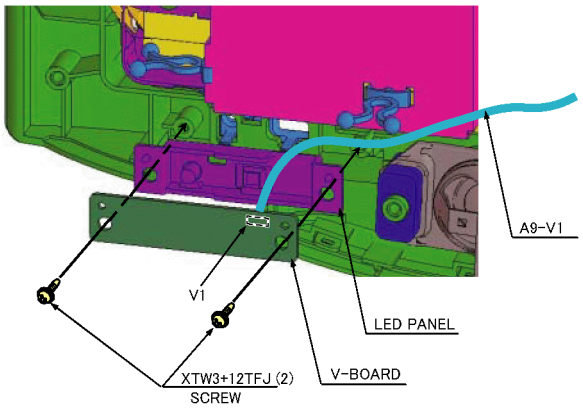
7.8. A-Board

1. Remove the 9 screws.
2. Disconnect the connector (A2/A3/A5/A7/A9/A16).
3. Remove the A-Board.

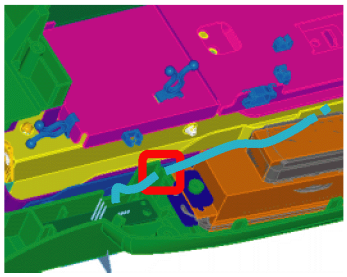


7.9. V-Board

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



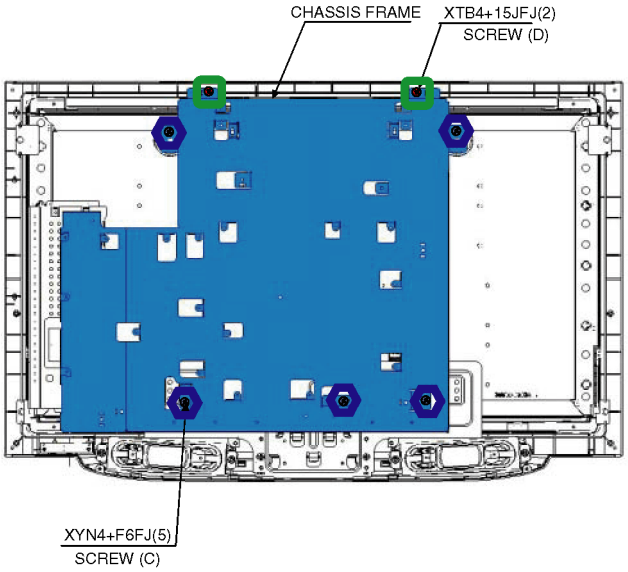
A LEAD WIRE IS HUNG ON THE HOOK OF THE CABINET.



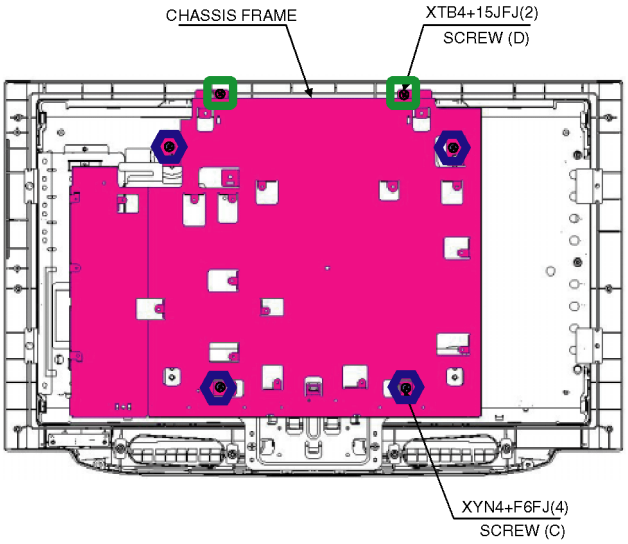
7.10. Chassis frame

1. Remove the 5 (32 inch) / 4 (26 inch) screws (C).
2. Remove the 2 screws (D).
3. Remove the chassis frame.

32 inch



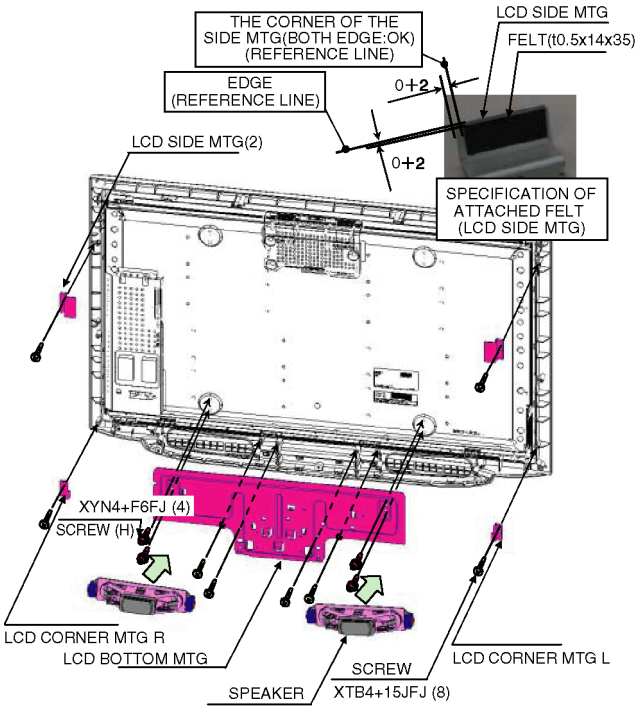
26 inch



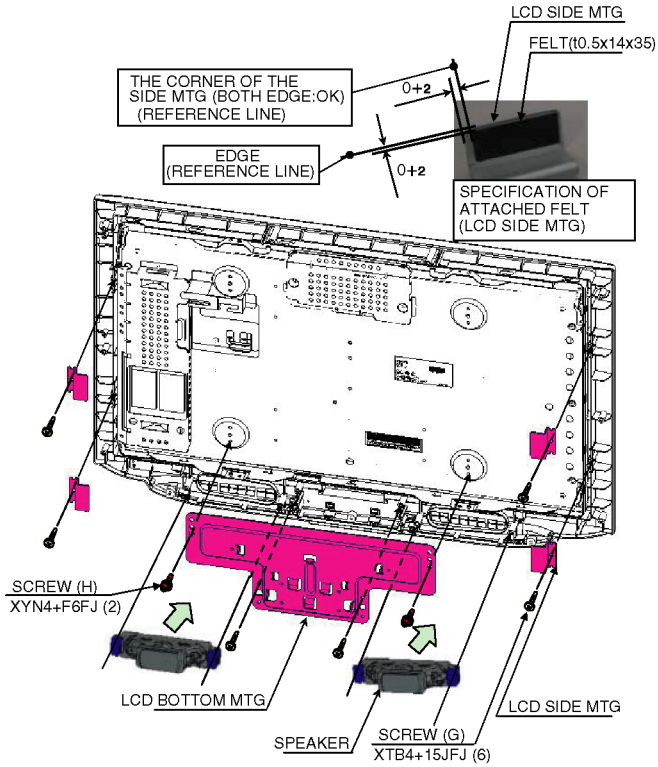
7.11. LCD MTG and Speaker

1. Remove the 8 (32 inch) / 6 (26 inch) screws (G).
2. Remove the 4 (32 inch) / 2 (26 inch) screws (H)
3. Remove the LCD MTG and Speaker.

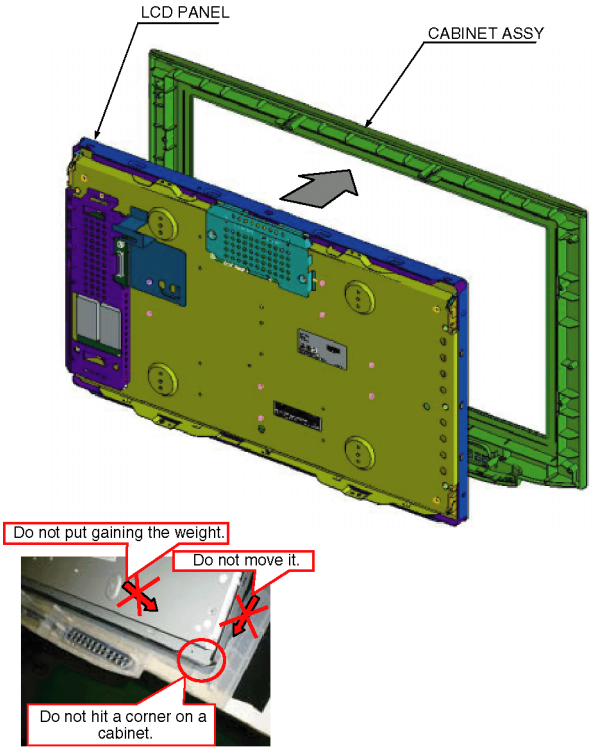
32 inch



26 inch

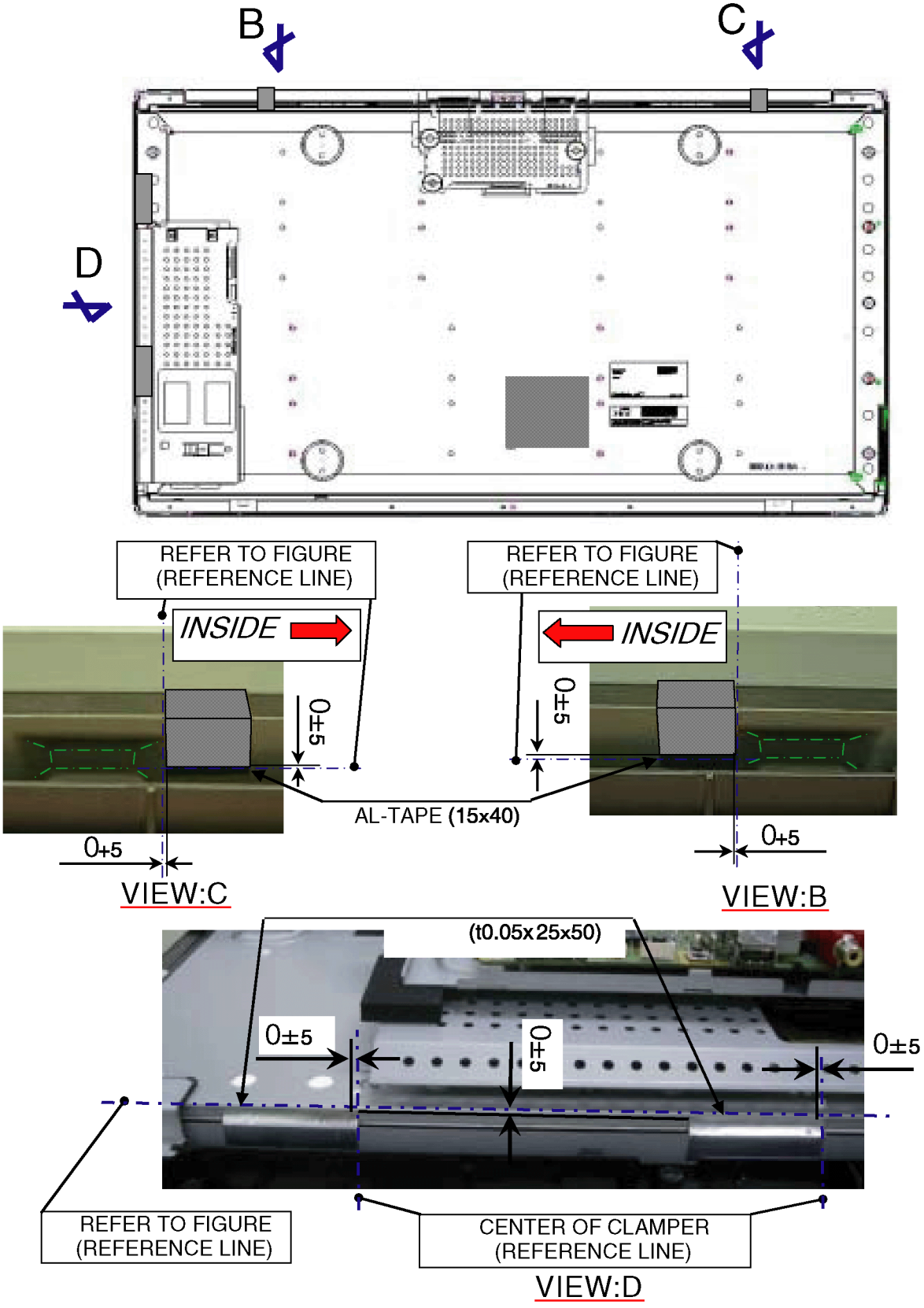


4. Remove the LCD panel.

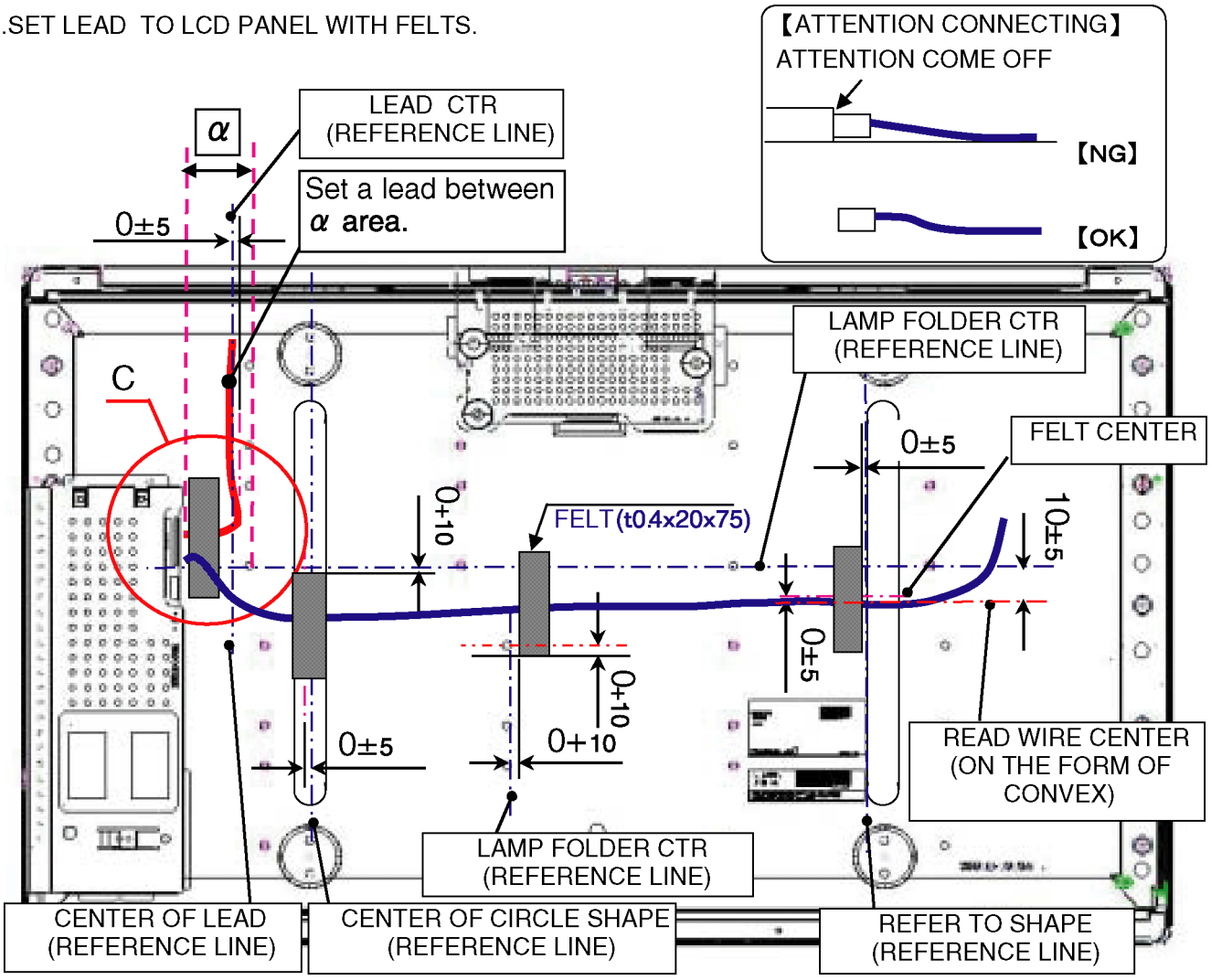


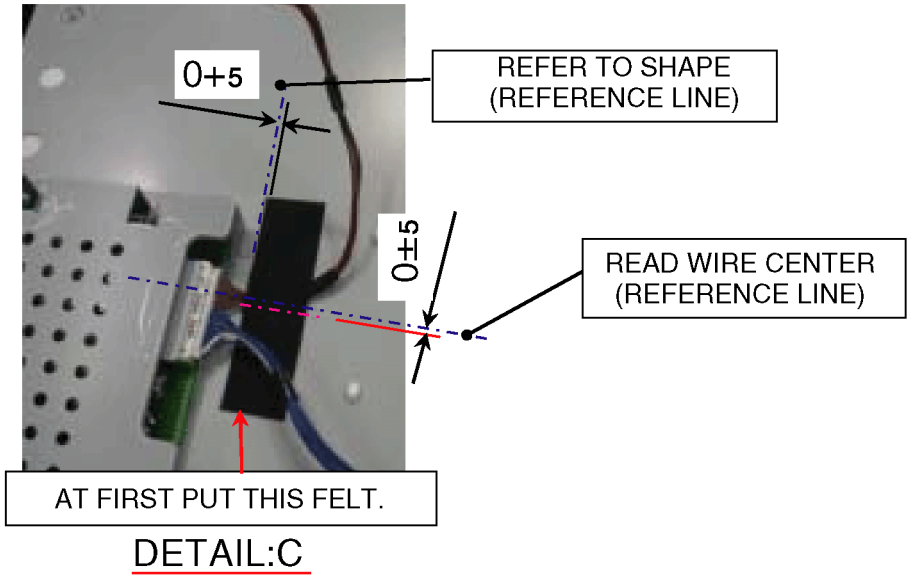
7.12. EMI processing (32 inch)

1.PUT AL-TAPE.



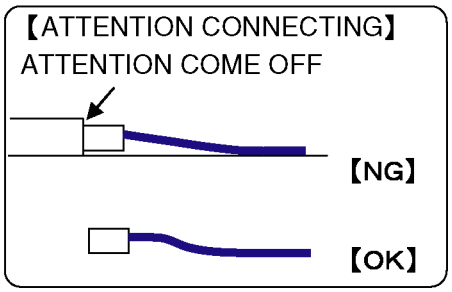
1.SET LEAD TO LCD PANEL WITH FELTS.

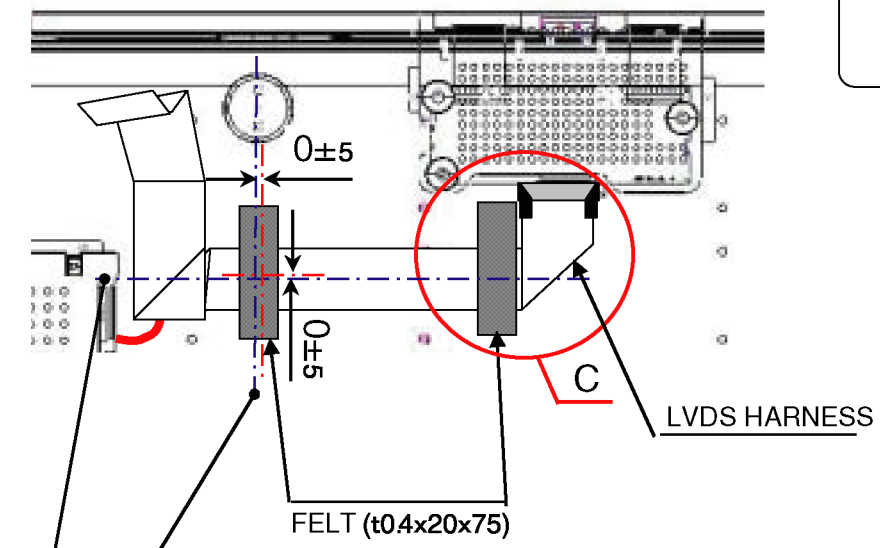


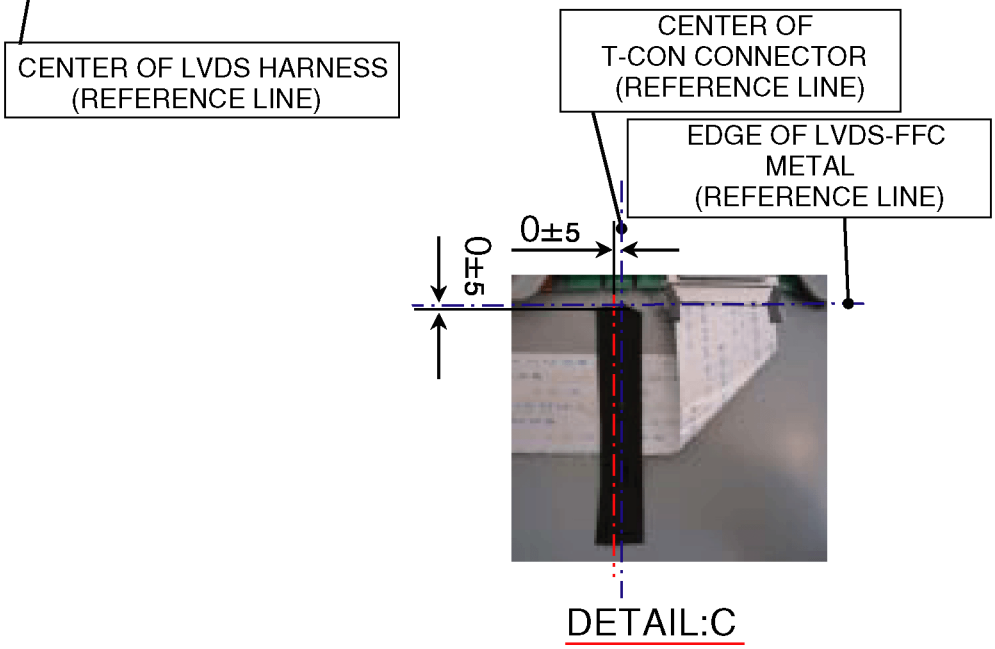


DETAIL:C

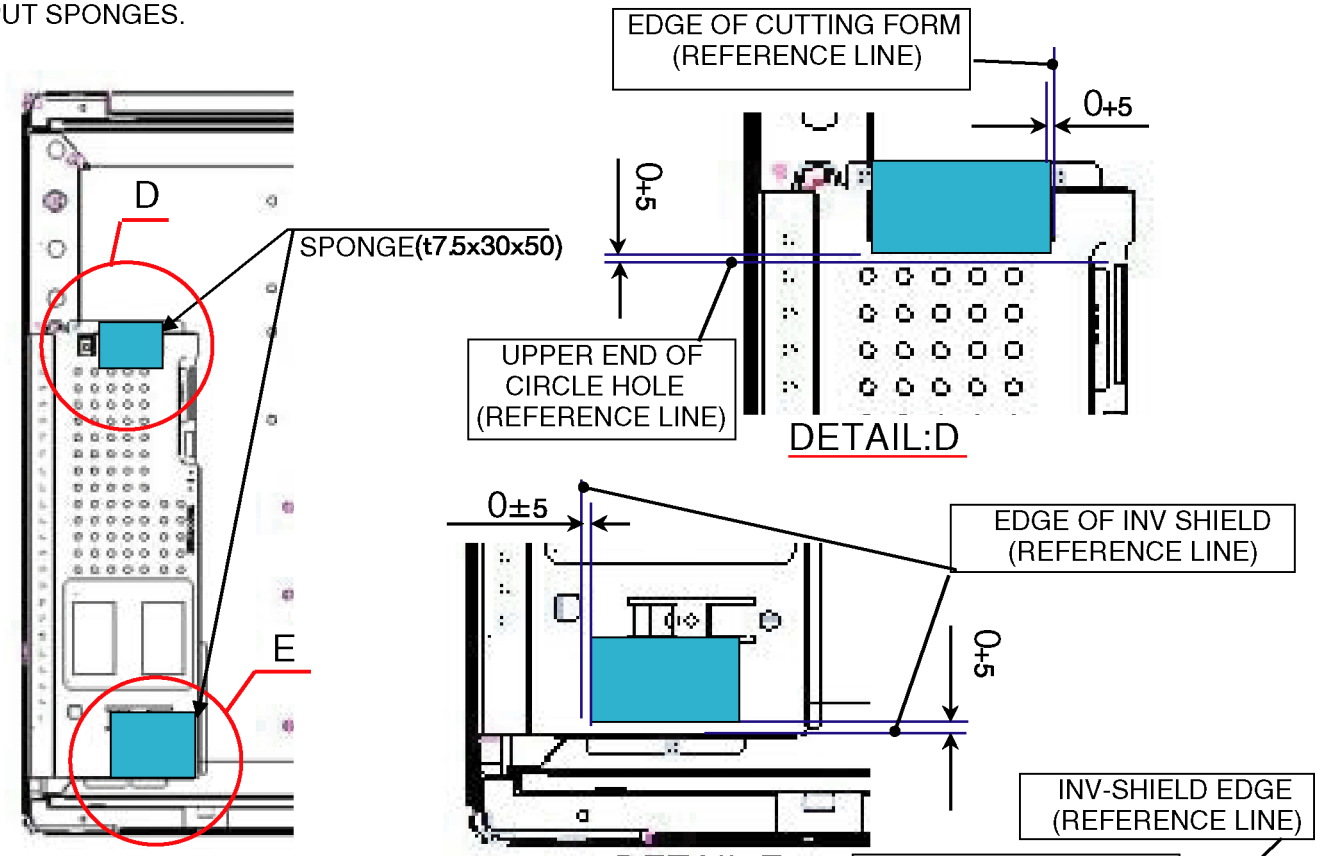
2.PUT LVDS HARNESS TO LCD PANEL WITH FELTS.



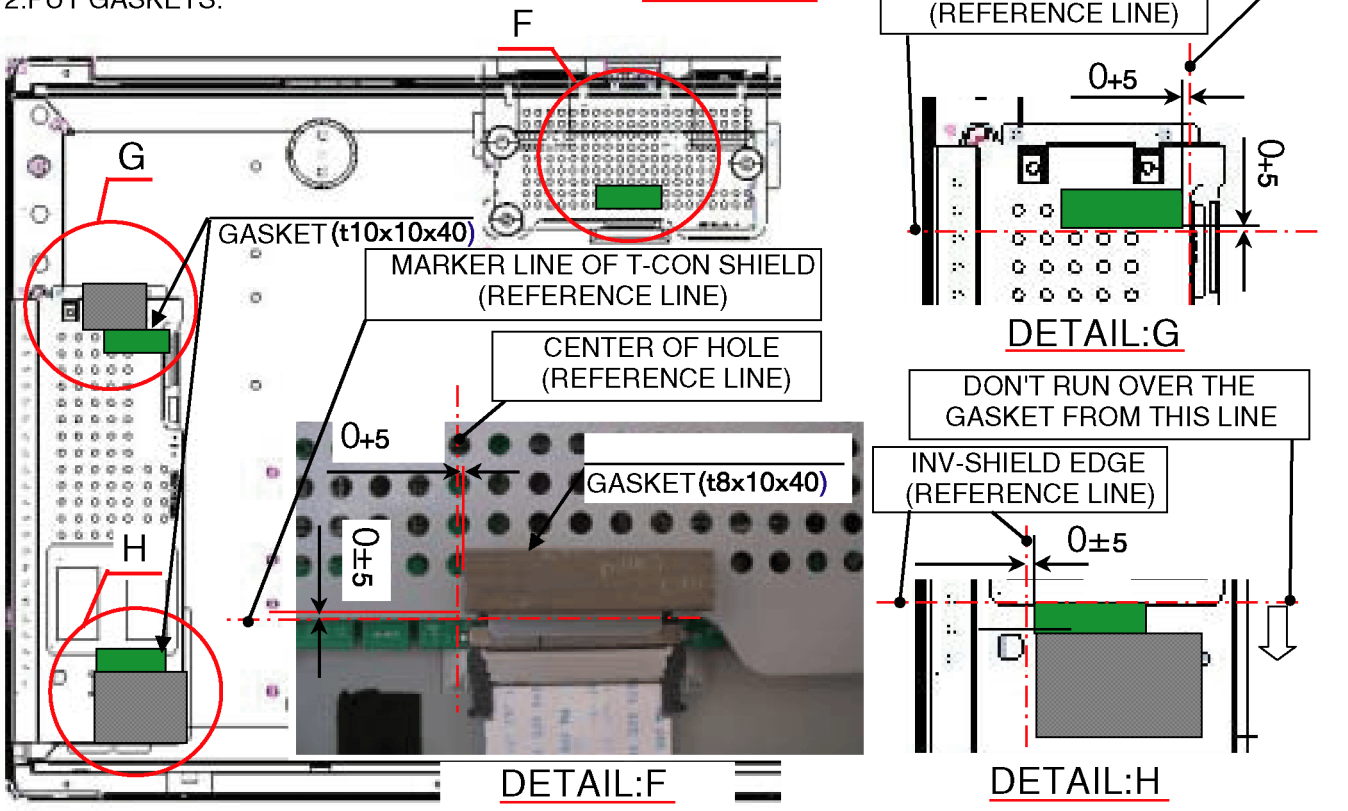




1.PUT SPONGES.

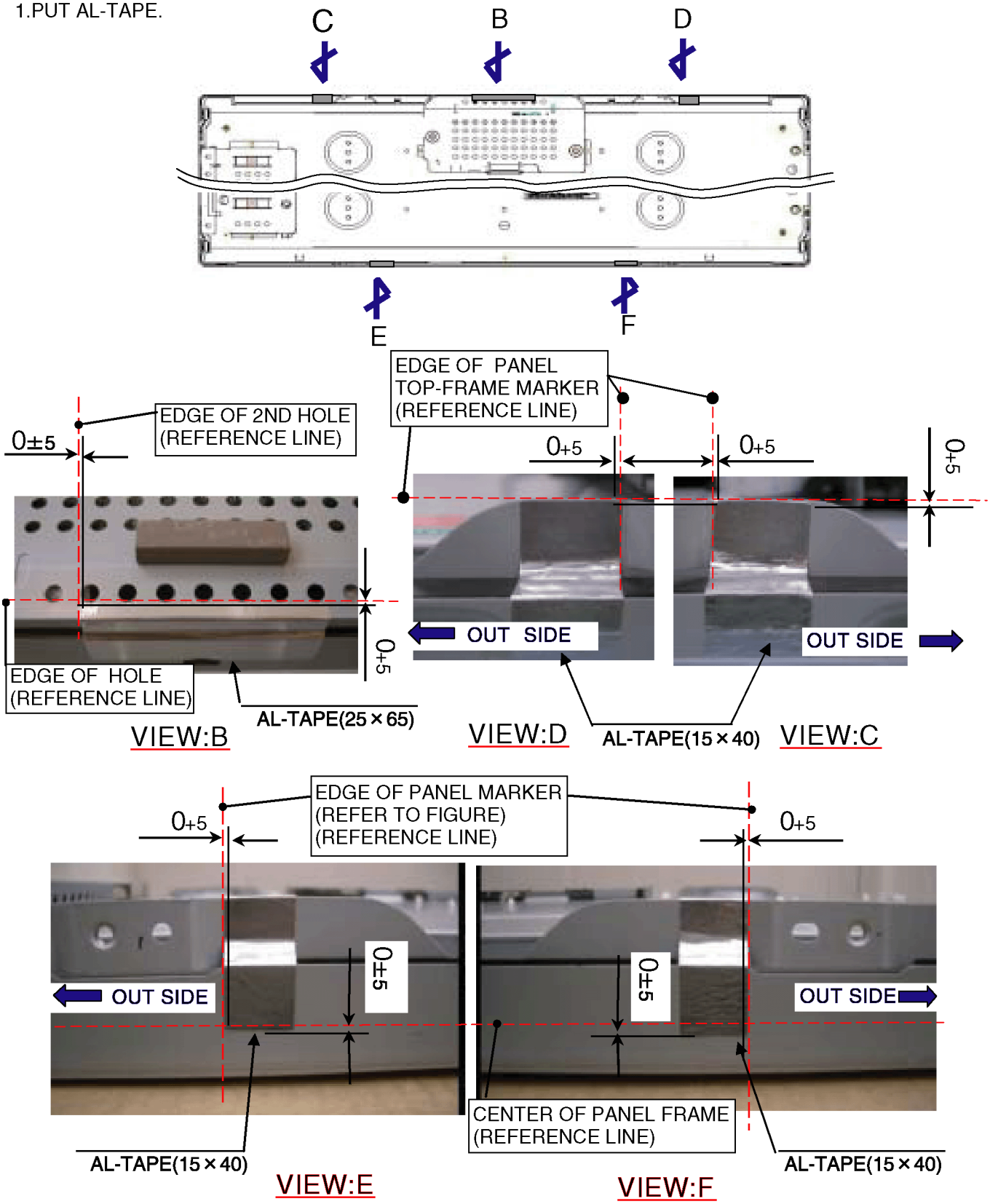


2.PUT GASKETS.

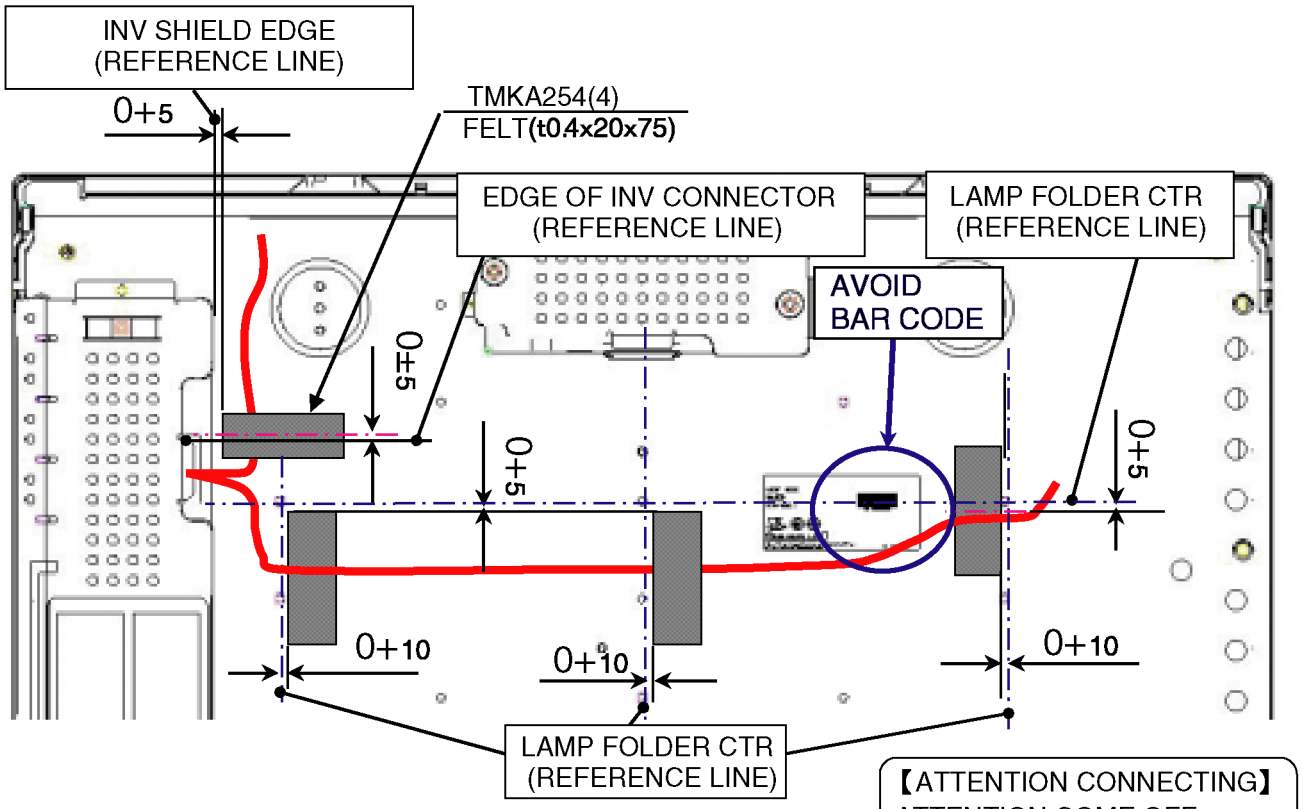


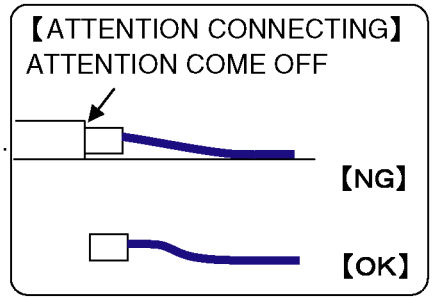
7.13. EMI processing (26 inch)

1.PUT AL-TAPE.

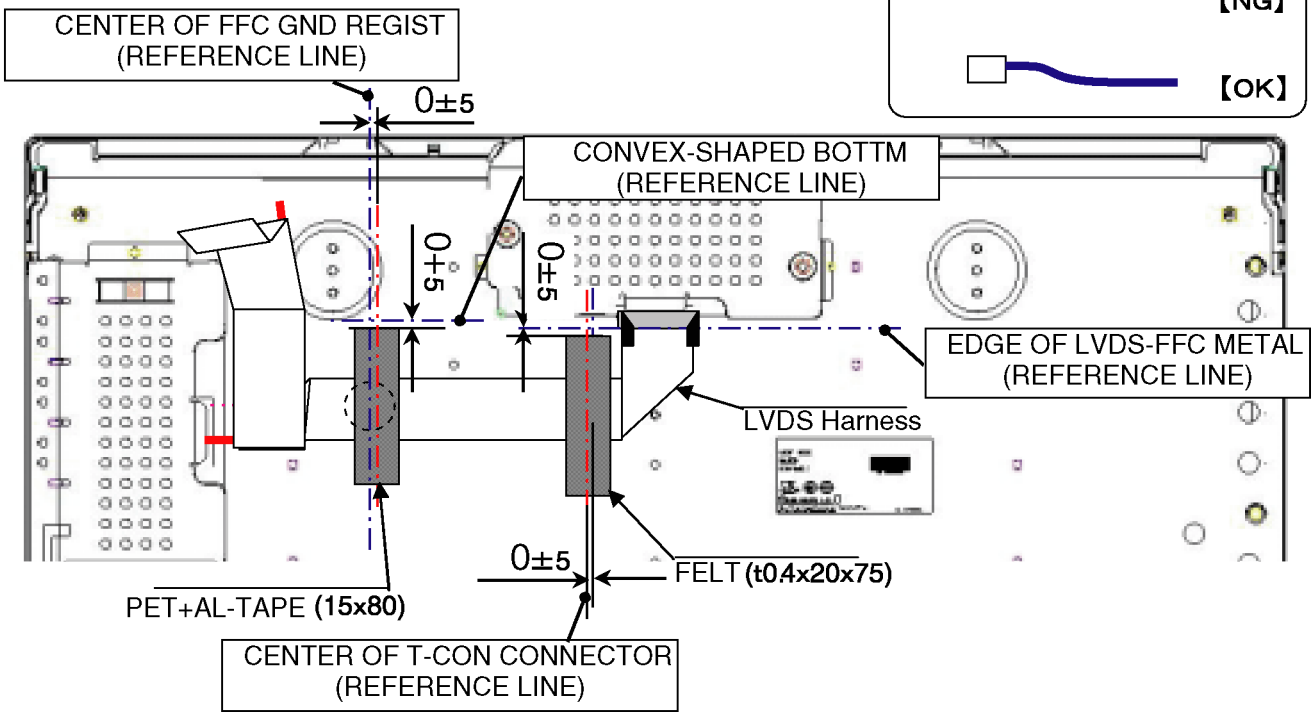


1.SET LEAD TO LCD PANEL WITH FELTS.

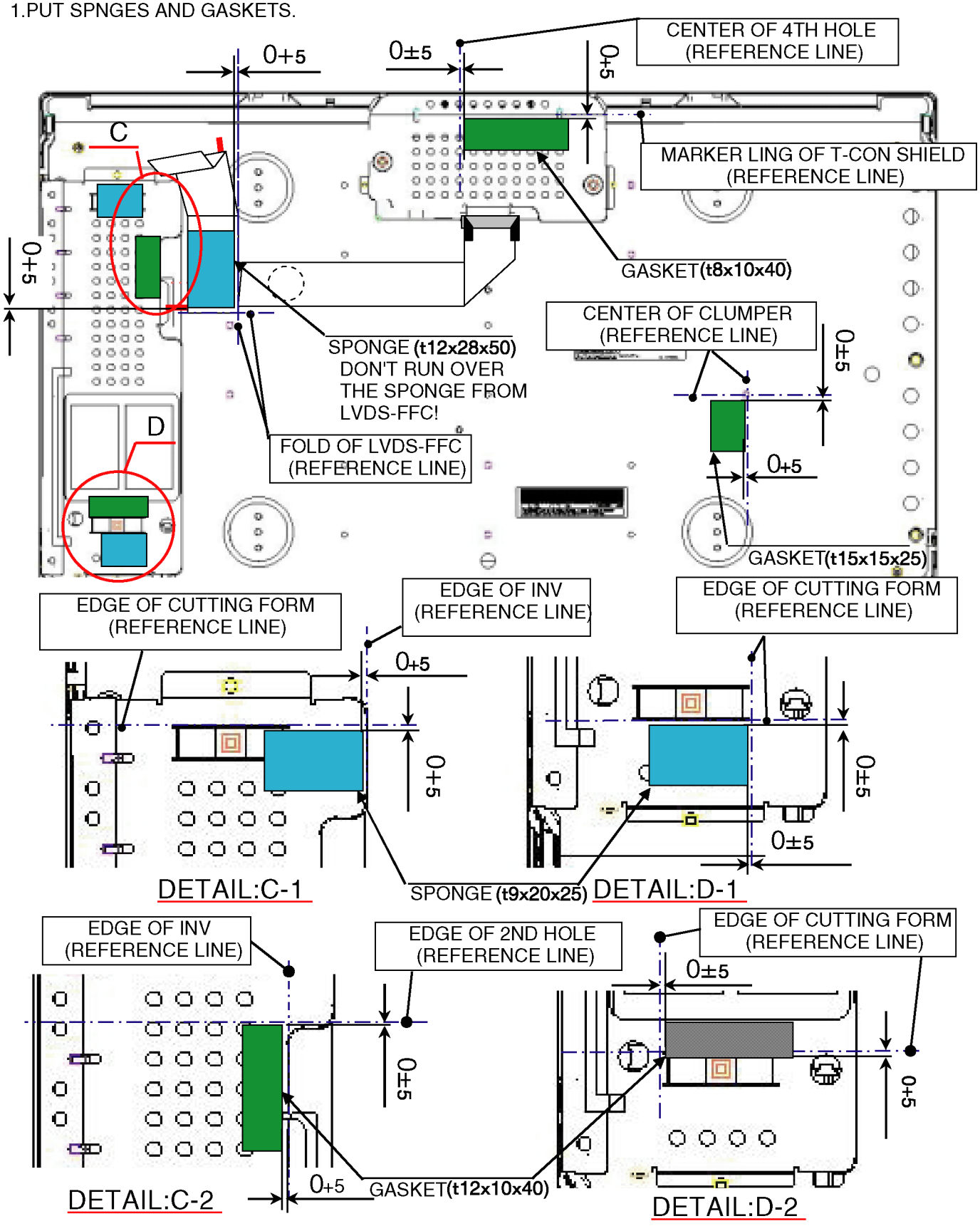




2.PUT LVDS HARNESS TO LCD PANEL WITH FELT AND PET+AL-TAPE.



1.PUT SPNGES AND GASKETS.



8 Measurements and Adjustments

8.1. Voltage chart of P-board

VOLTAGE	TEST POINT	SPECIFICATION
24V	TP7070	24.0±1.2V
SUB_5V	TP7015	5.13±0.25V
SUB_9V	TP7055	9.27±0.45V
BT_30V	TP7072	31.5±2.5V
SOUND_15V	TP7050	15.0V±1.2V
DTV12V	TP7057	12.0±1.2V
PANEL_12V	TP7058	12.0±0.6V
STB_5V	TP7061	5.0±0.5V

8.2. Voltage chart of A-board

VOLTAGE	TEST POINT	SPECIFICATION
STB3.3V	TP4003	3.3±0.16V
STB1.8V	TP7006	1.83±0.09V
SUB1.2V	TP5601	1.26±0.06V
SUB1.8V	TP5602	1.83±0.09V
SUB3.3V	TP5600	3.3±0.16V

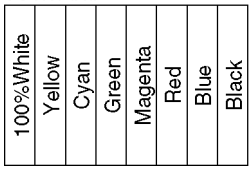
8.3. Picture level adjustment (RF)

Instrument Name	Remarks
1. REMOTE TRANSMITTER 2. Ex. Signal (Standard signal)	
Adjustment or Inspection Procedure	Remarks
<procedure> 1. Receive the RF standard signal (Need standard sync signal). (Screen mode: ZOOM or FULL Picture mode: DYNAMIC AI: OFF AI Picture: OFF) *BACK LIGHT +30 **<Inspection>** 1. Enter Service mode, and select MAIN_ADJ PICTURE. Volume UP/DOWN key makes GAIN displayed under PICTURE to set. Pushing the remote controller [OK] key for about 3 seconds, GAIN is suited to the adjustment value automatically.	

8.4. Picture level adjustment (VIDEO)

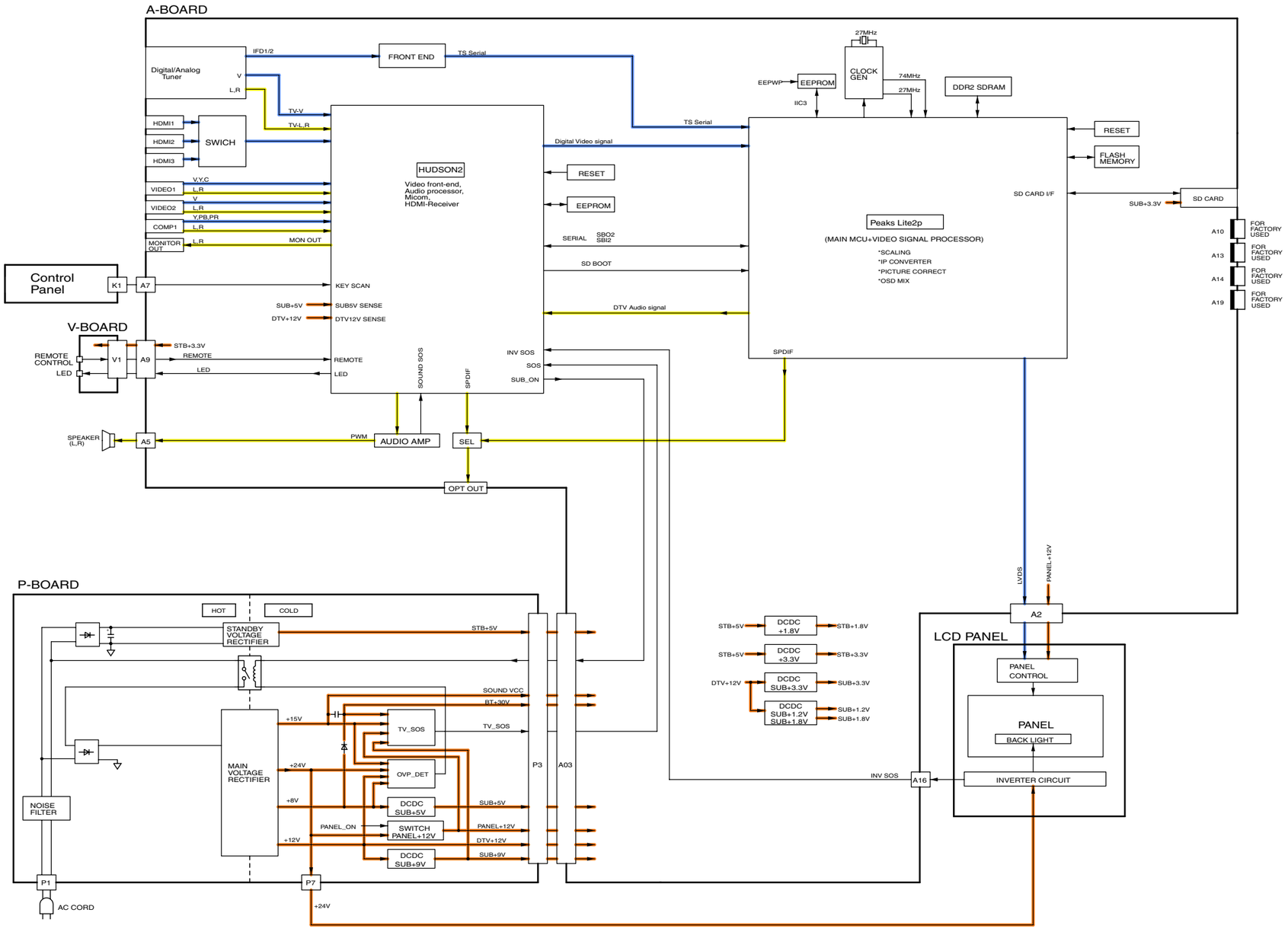
Instrument Name	Remarks
1. REMOTE TRANSMITTER 2. Video signal generator (Standard)	
Adjustment or Inspection Procedure	Remarks
<procedure> 1. Receive the CVBS standard signal. (Need standard sync signal). (ASPECT: ZOOM or FULL, Picture mode: VIVID, AI Picture: OFF) * BACK LIGHT MAX VALUE **<Inspection>** 1. Enter Service mode, and select ADJUST CONTRAST. Volume UP/DOWN key makes GAIN value displayed on the right of CONTRAST to set. Pushing the remote controller [OK] key for about 3 seconds, GAIN is suited to the adjustment value automatically.	

8.5. Picture level adjustment (YUV)

Instrument Name	Remarks
1. REMOTE TRANSMITTER 2. Component Video signal generator (88 Color bar (100% White))	
Adjustment or Inspection Procedure	Remarks
<procedure> 1. Receive 88 color bar (100% White). (ASPECT: ZOOM or FULL, Picture mode: VIVID, AI Picture: OFF) * BACK LIGHT MAX VALUE **<Inspection>** 1. Enter Service mode, and select ADJUST CONTRAST. Volume UP/DOWN key makes GAIN value displayed on the right of CONTRAST to set. Pushing the remote controller [OK] key for about 3 seconds, GAIN is suited to the adjustment value automatically. 8Color bar  	

9 Block Diagram

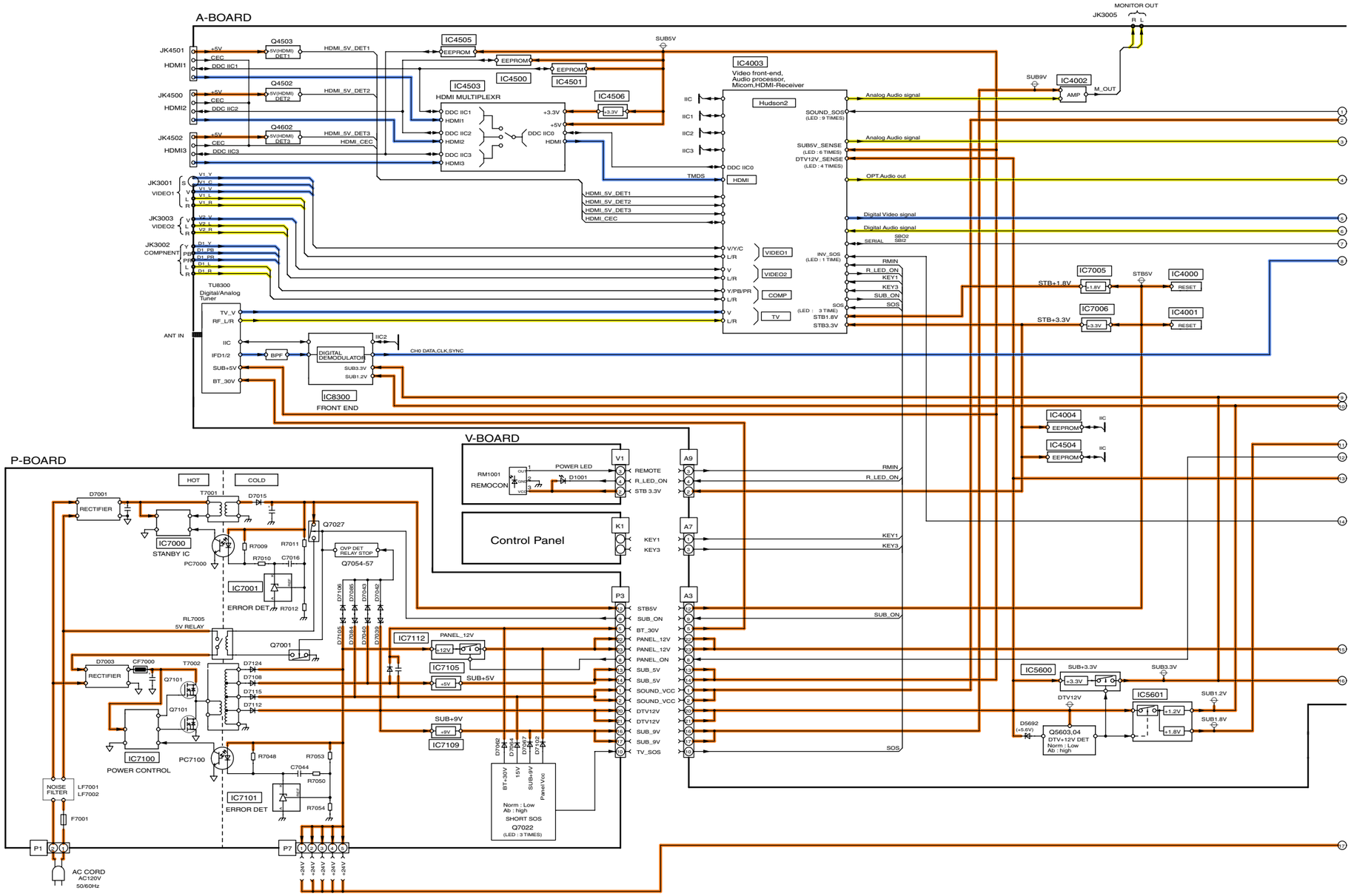
9.1. Block Diagram (1 of 3)



TC-32/26LX85
Block Diagram (1/3)

TC-32/26LX85
Block Diagram (1/3)

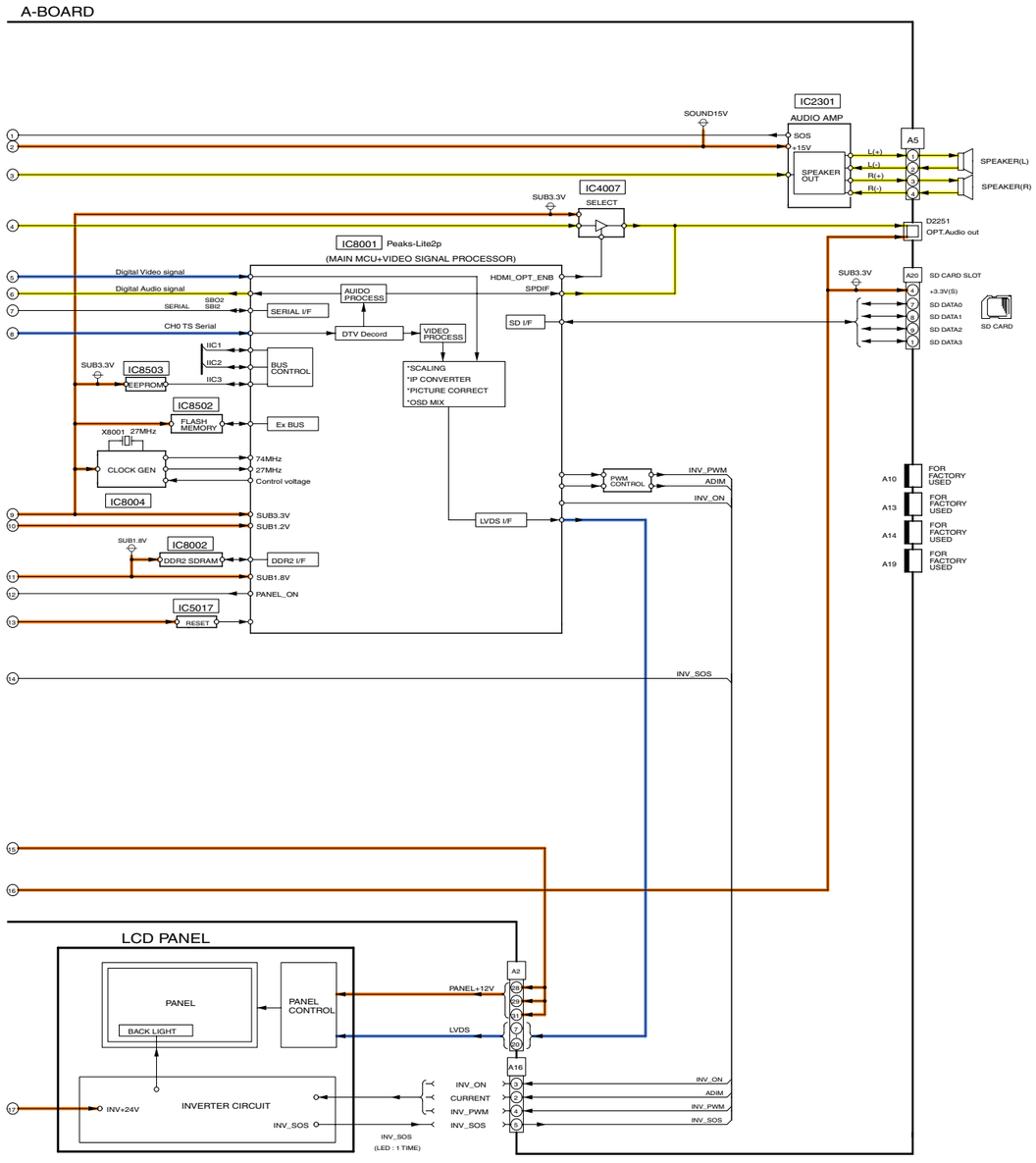
9.2. Block Diagram (2 of 3)



TC-32/26LX85
Block Diagram (2/3)

TC-32/26LX85
Block Diagram (2/3)

9.3. Block Diagram (3 of 3)



TC-32/26LX85
Block Diagram (3/3)

TC-32/26LX85
Block Diagram (3/3)

10 Wiring Connection Diagram

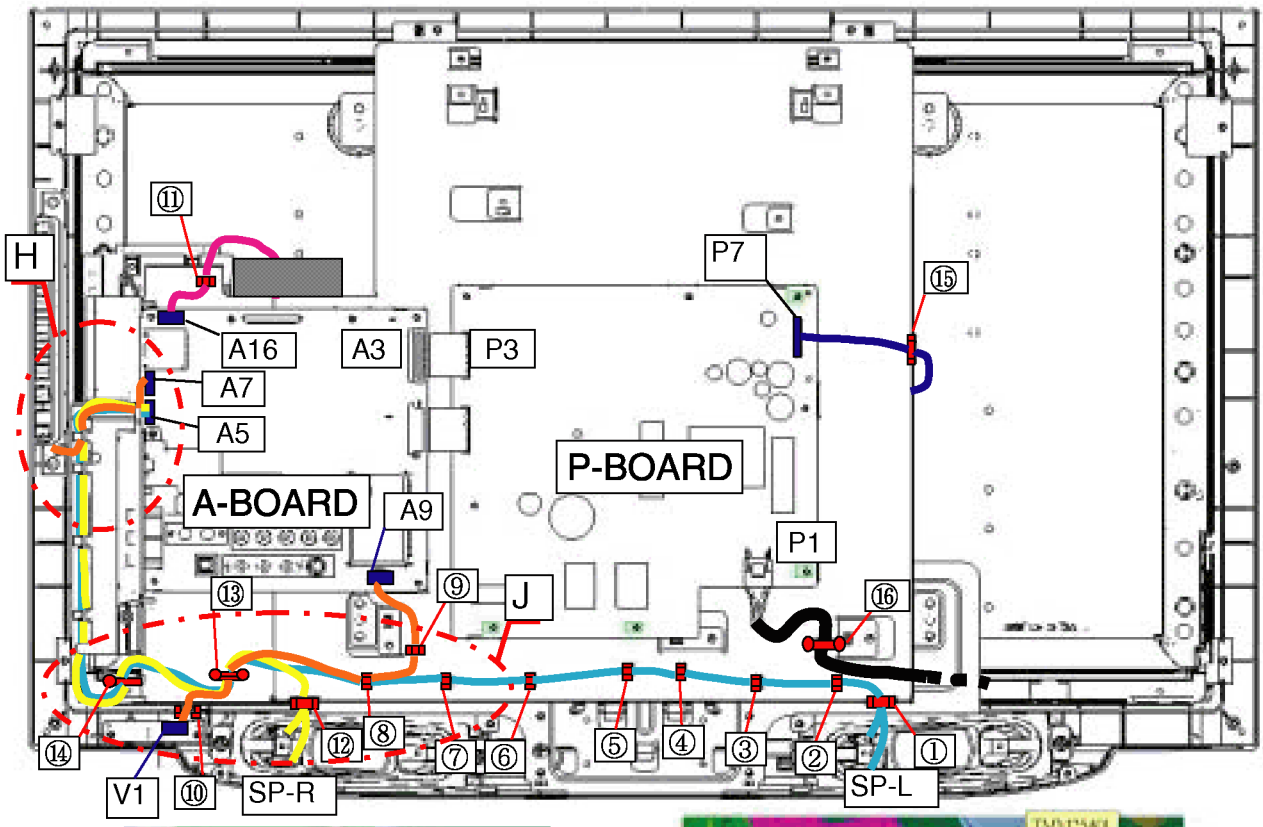
10.1. Caution statement.

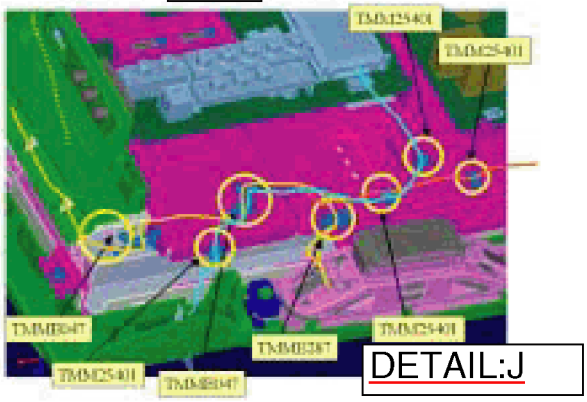
Caution:

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.

10.2. Wiring (32 inch)

1.DRESSING WIRES AS FOLLOWS.

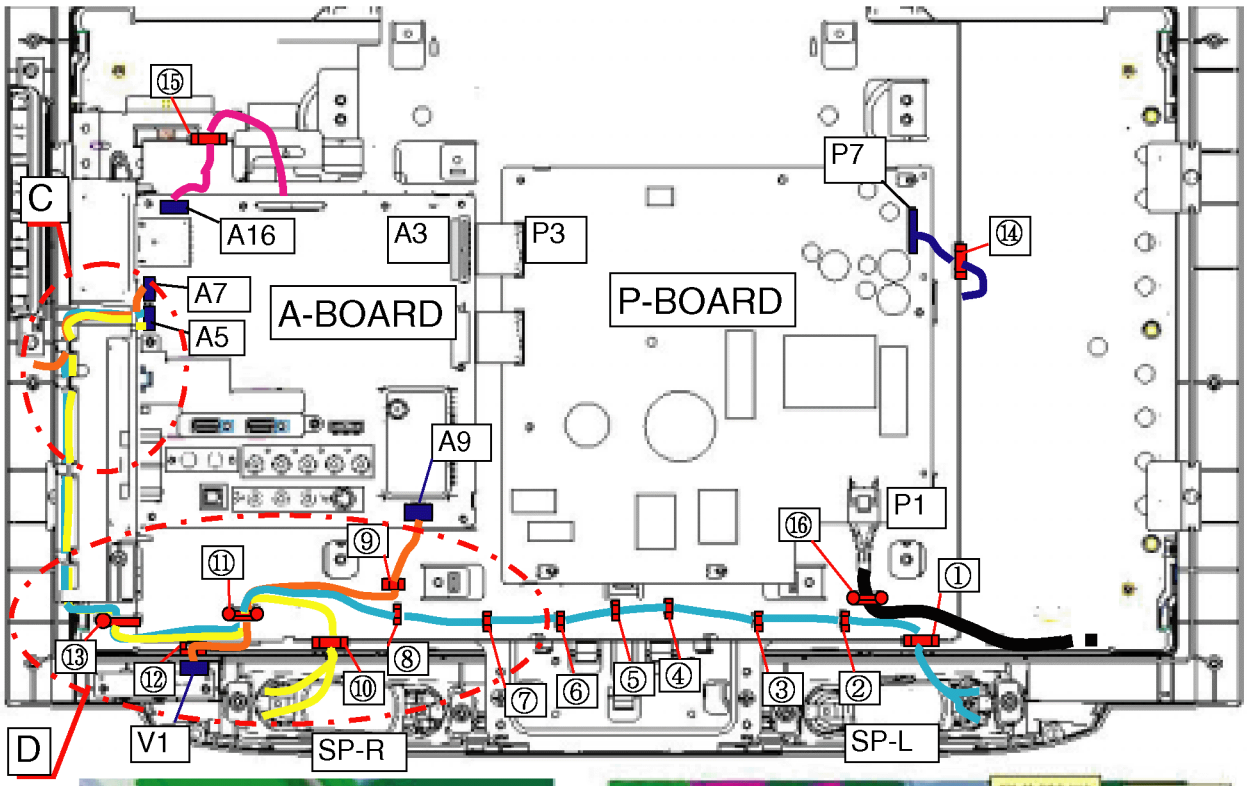


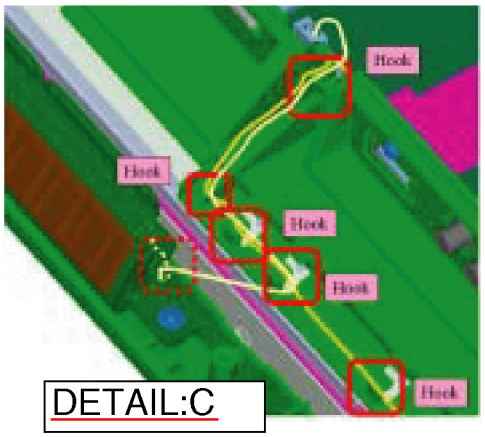


	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯		
A9-V1								●	●	●			●					
A7-CP	REFER TO DETAIL:H																	
A5-SPL	●	●	●	●	●	●	●	●					●	●				
A5-SPR												●	●	●				
INV-P7															●			
INV-A16											●							
P1(AC CODE)																●		

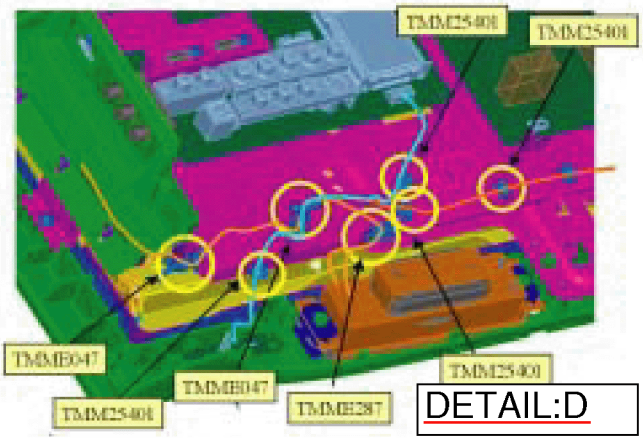
10.3. Wiring (26 inch)

1.DRESSING WIRES AS FOLLOWS.





DETAIL:C



DETAIL:D

	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯
A9-V1									●		●	●				
A7-CP	REFER TO DETAIL:C															
A5-SPL	●	●	●	●	●	●	●	●			●		●			
A5-SPR										●	●		●			
INV-P7														●		
INV-A16															●	
P1(AC CODE)																●

11 Schematic Diagram

11.1. Schematic Diagram Notes

Important Safety Notice

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

Notes:

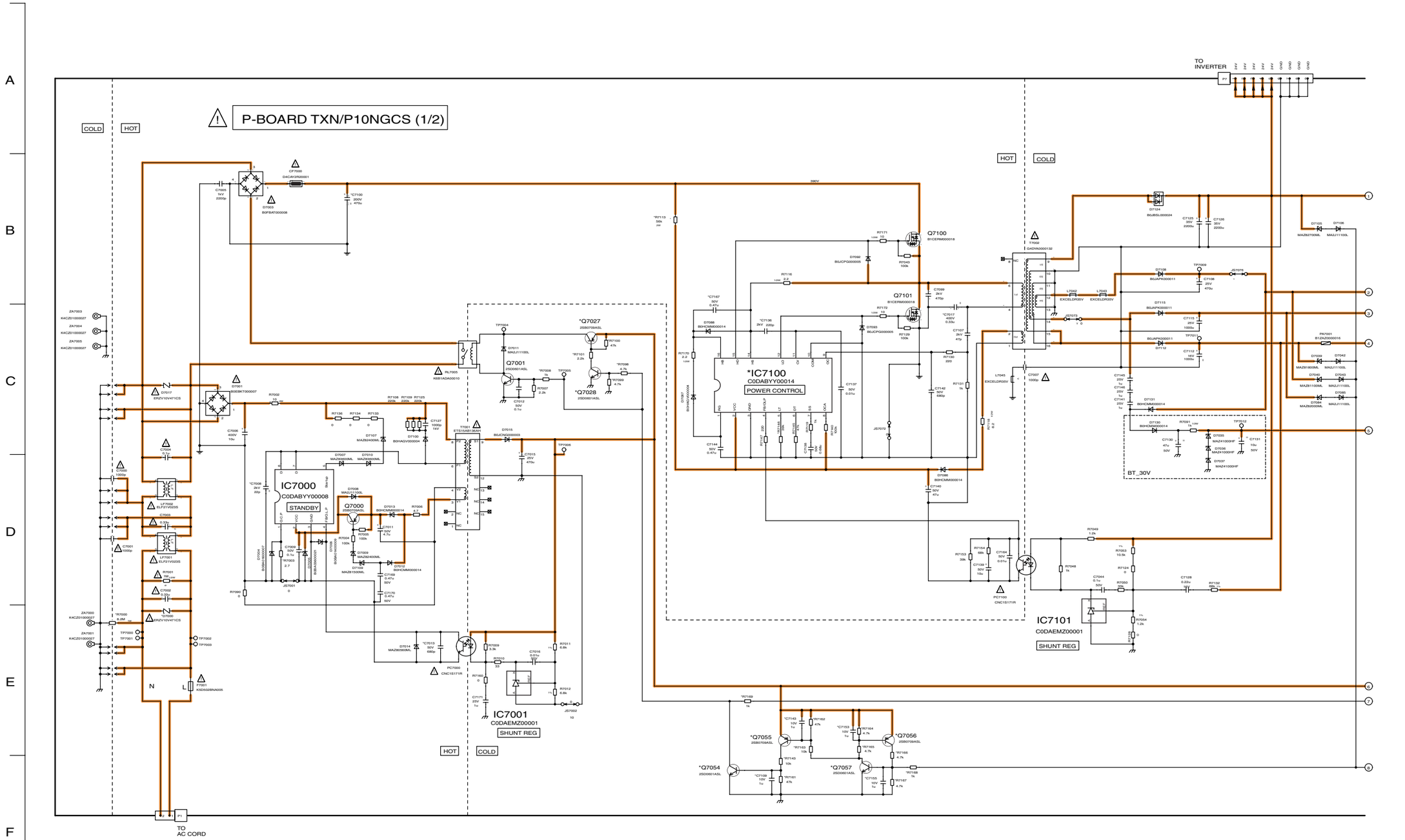
1. **Resistor**
   Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
   Unit of capacitance is μF, unless otherwise noted.
3. Coil
   Unit of inductance is H, unless otherwise noted.
4. Test Point
   ⏚ : Test Point position
5. Earth Symbol
   ⏚ : Chassis Earth (Cold) ▽ : Line Earth (Hot)
6. Voltage Measurement
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following:
   Power Source AC120V, 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.

TC-32/26LX85
Schematic Diagram Notes

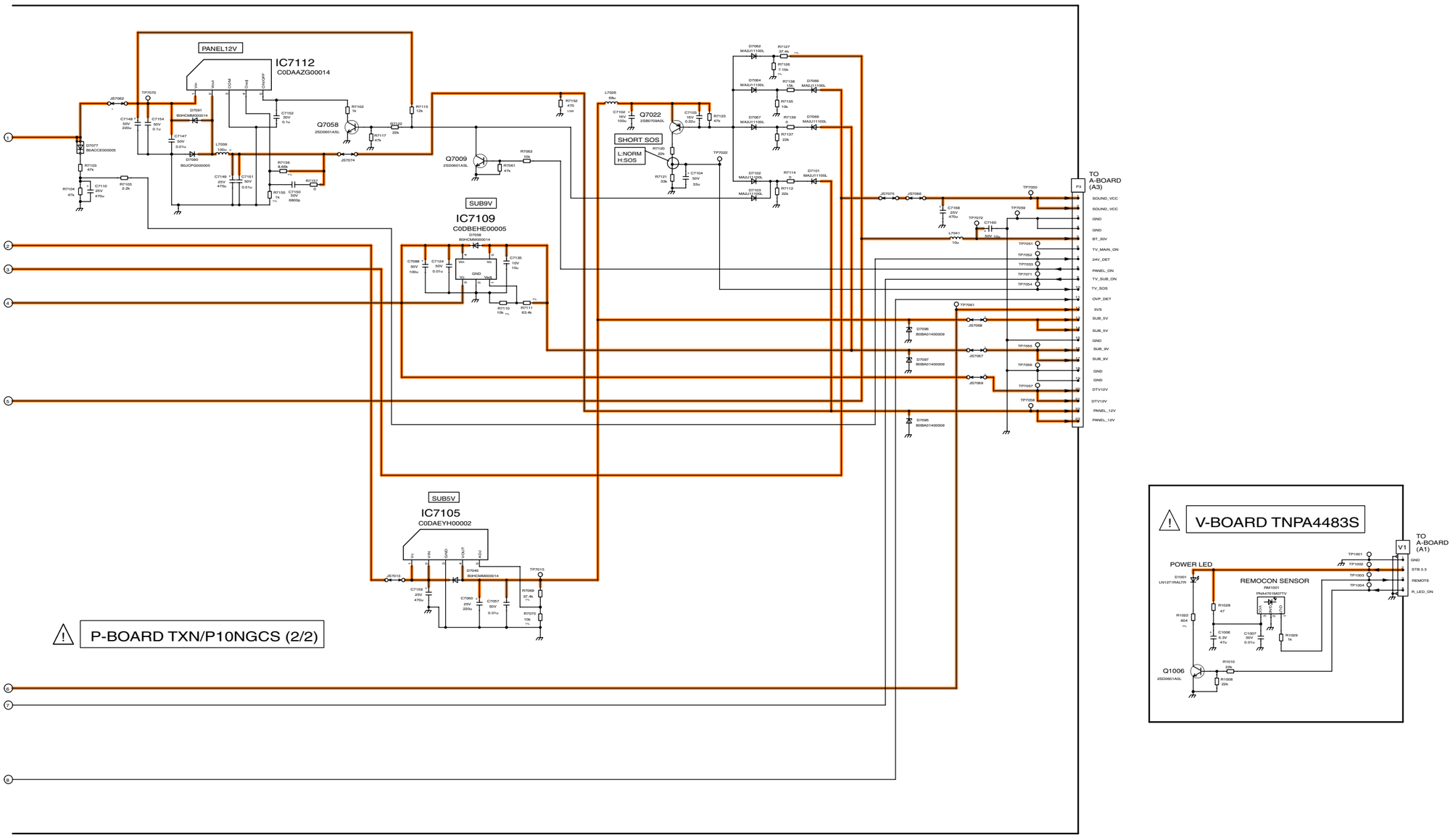
11.2. P-Board (1 of 2) Schematic Diagram



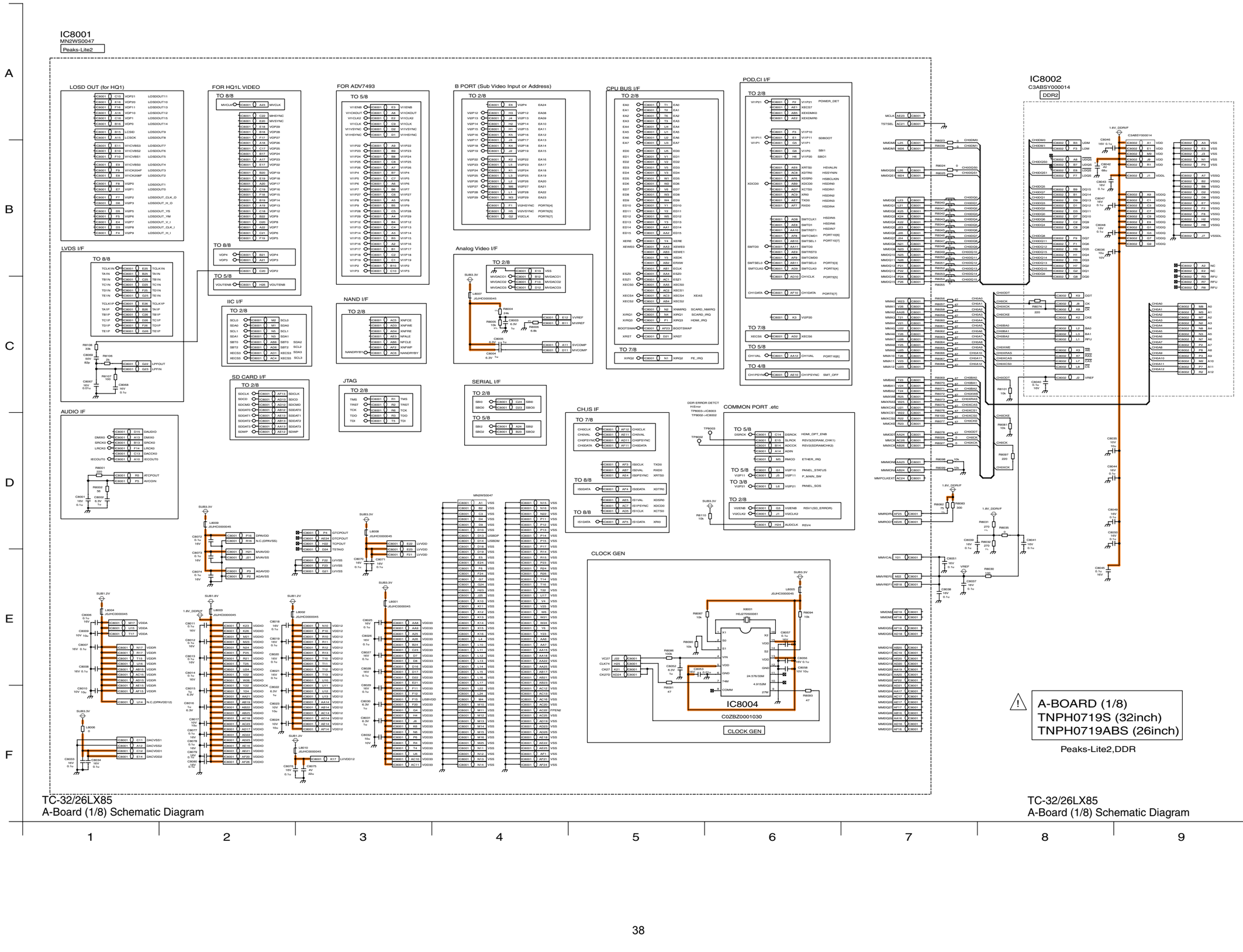
TC-32/26LX85
P-Board (1/2) Schematic Diagram

TC-32/26LX85
P-Board (1/2) Schematic Diagram

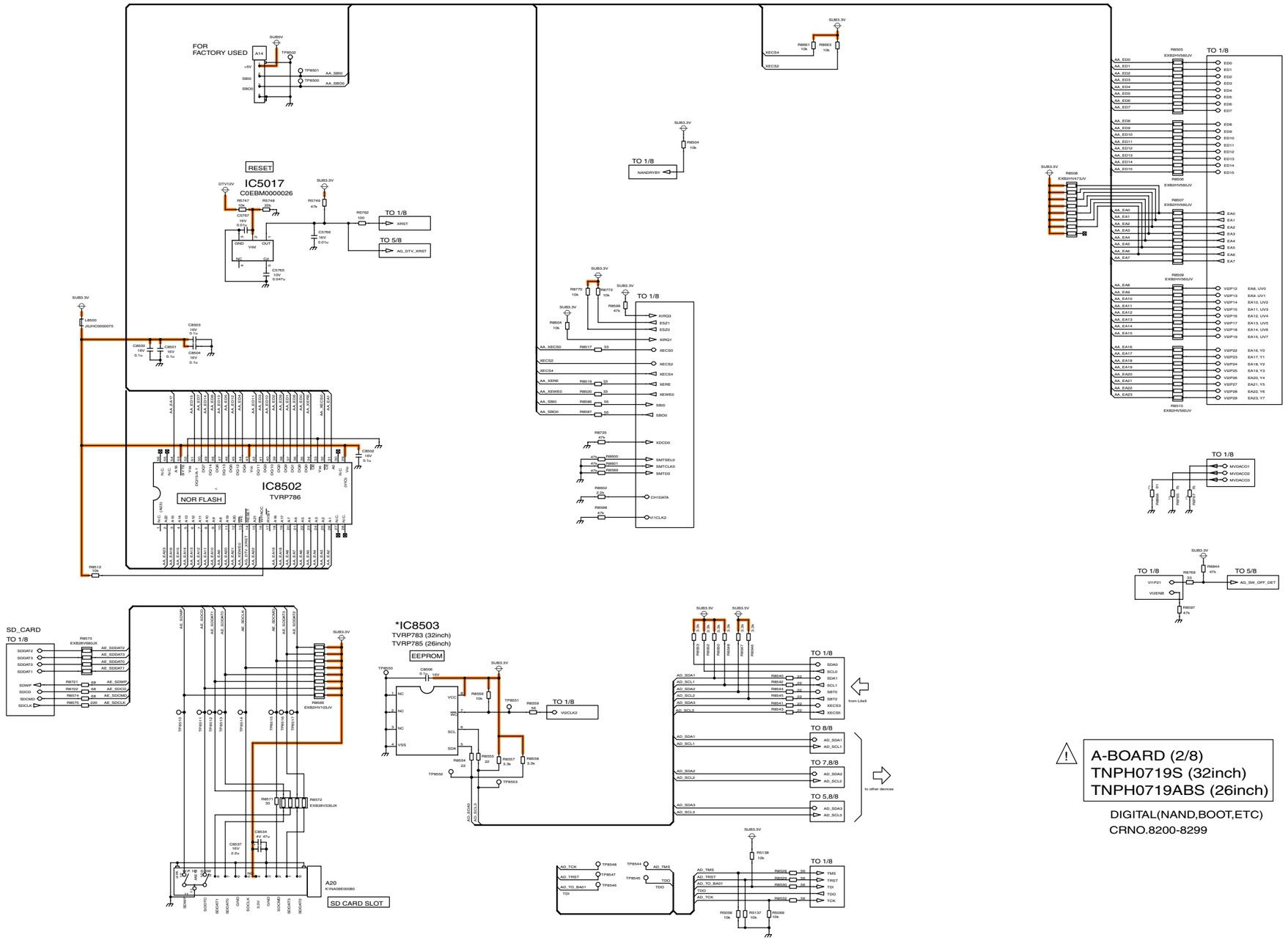
11.3. P-Board (2 of 2) and V-Board Schematic Diagram



11.4. A-Board (1 of 8) Schematic Diagram



11.5. A-Board (2 of 8) Schematic Diagram



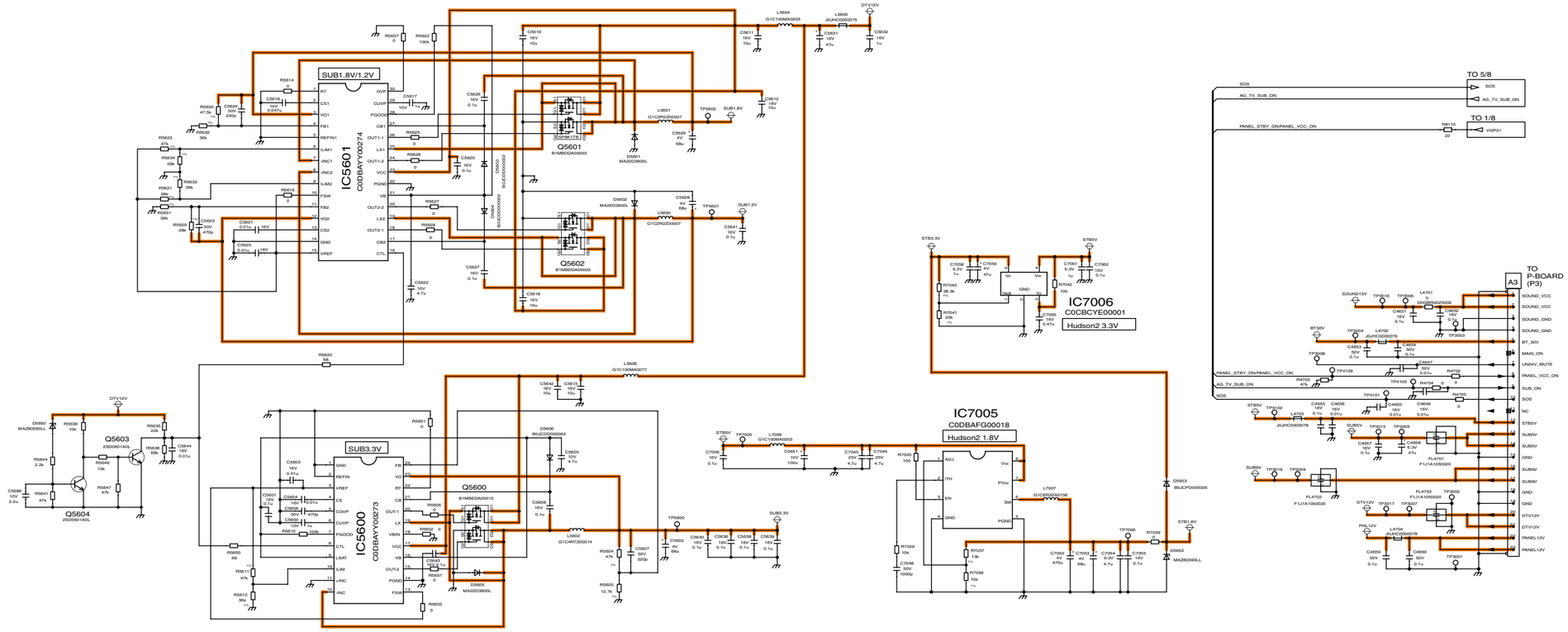
TC-32/26LX85
A-Board (2/8) Schematic Diagram

TC-32/26LX85
A-Board (2/8) Schematic Diagram

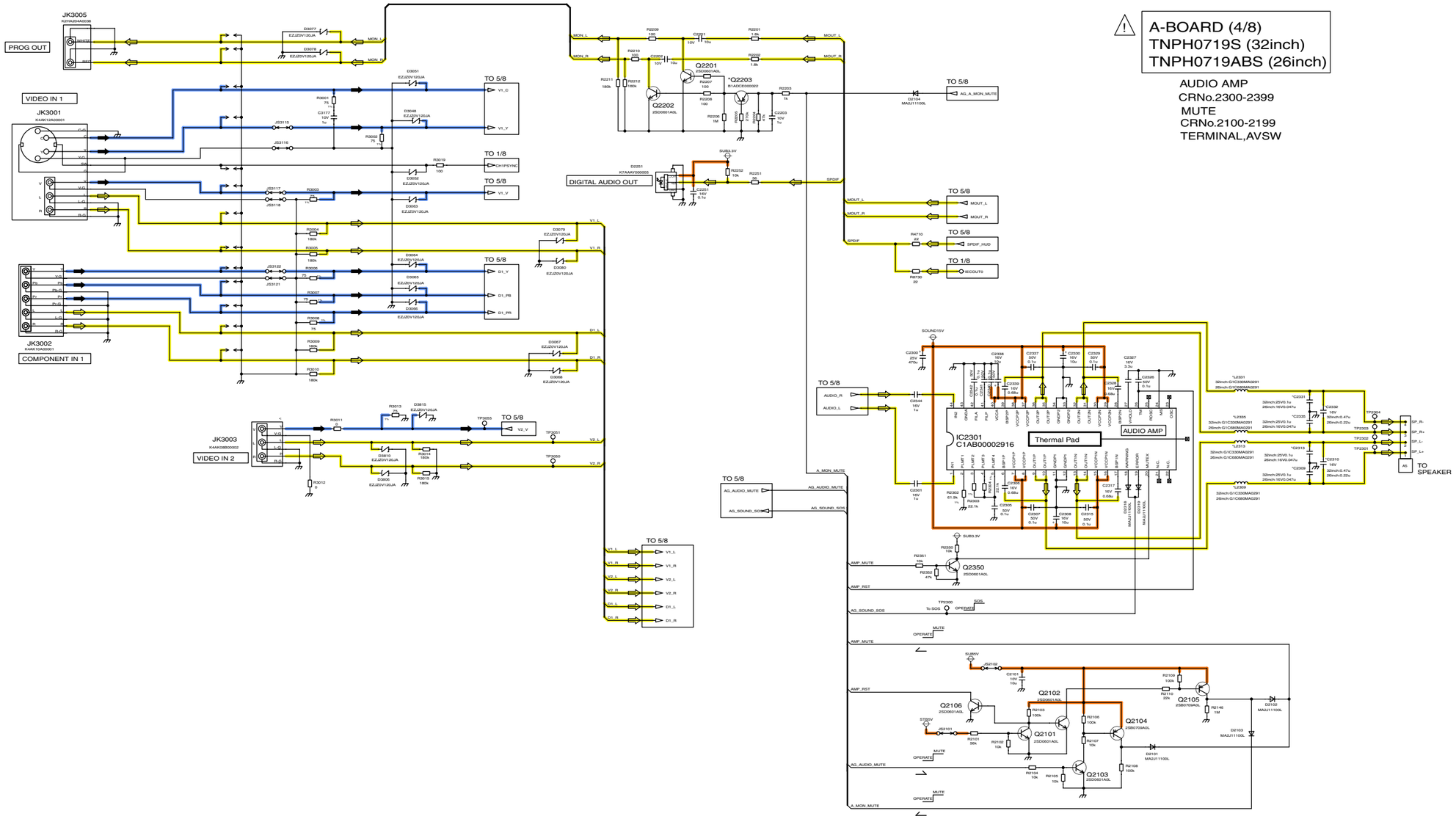
11.6. A-Board (3 of 8) Schematic Diagram

⚠ A-BOARD (3/8)
TNPH0719S (32inch)
TNPH0719ABS (26inch)

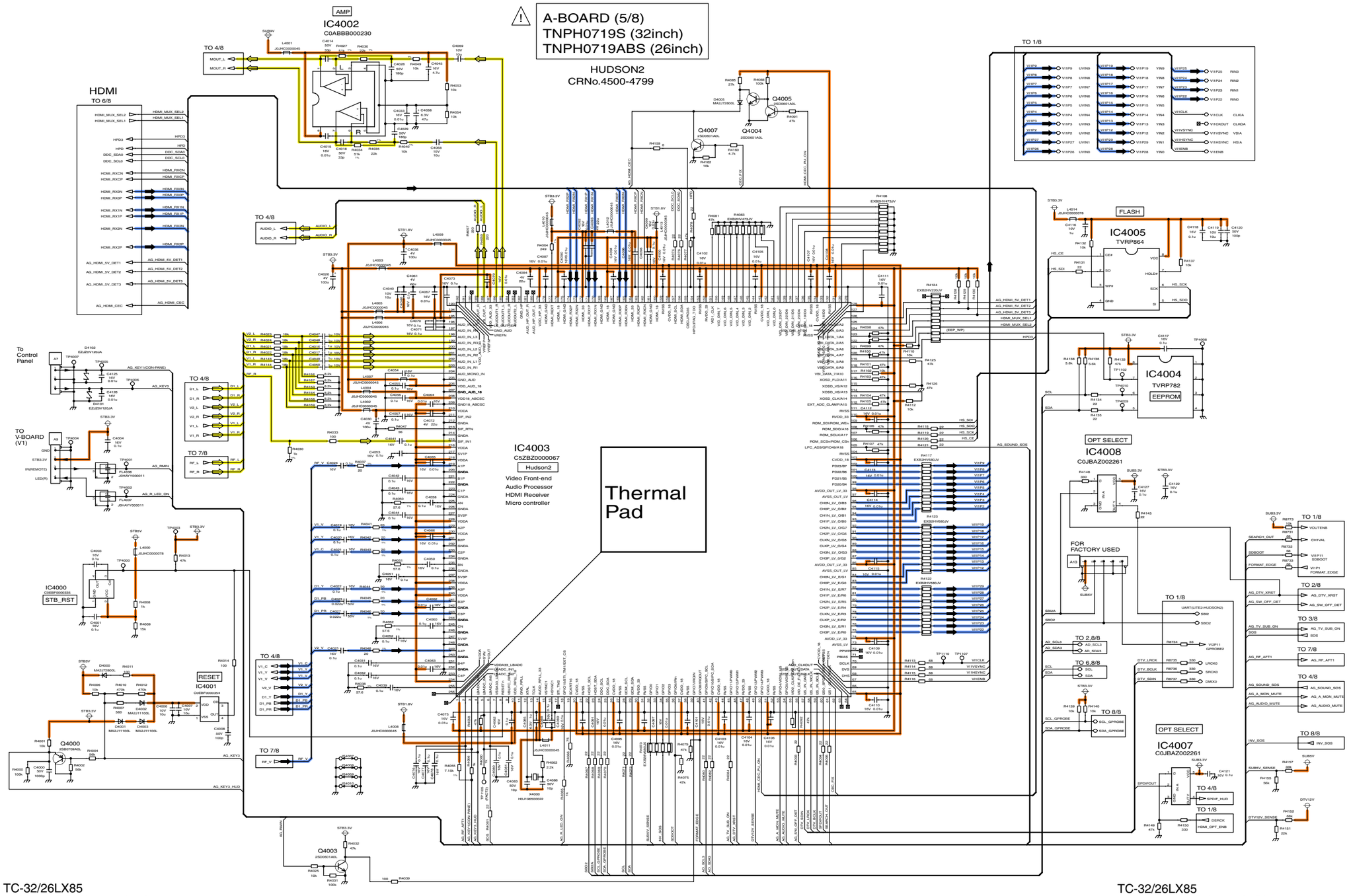
POWER SUPPLY



11.7. A-Board (4 of 8) Schematic Diagram



11.8. A-Board (5 of 8) Schematic Diagram

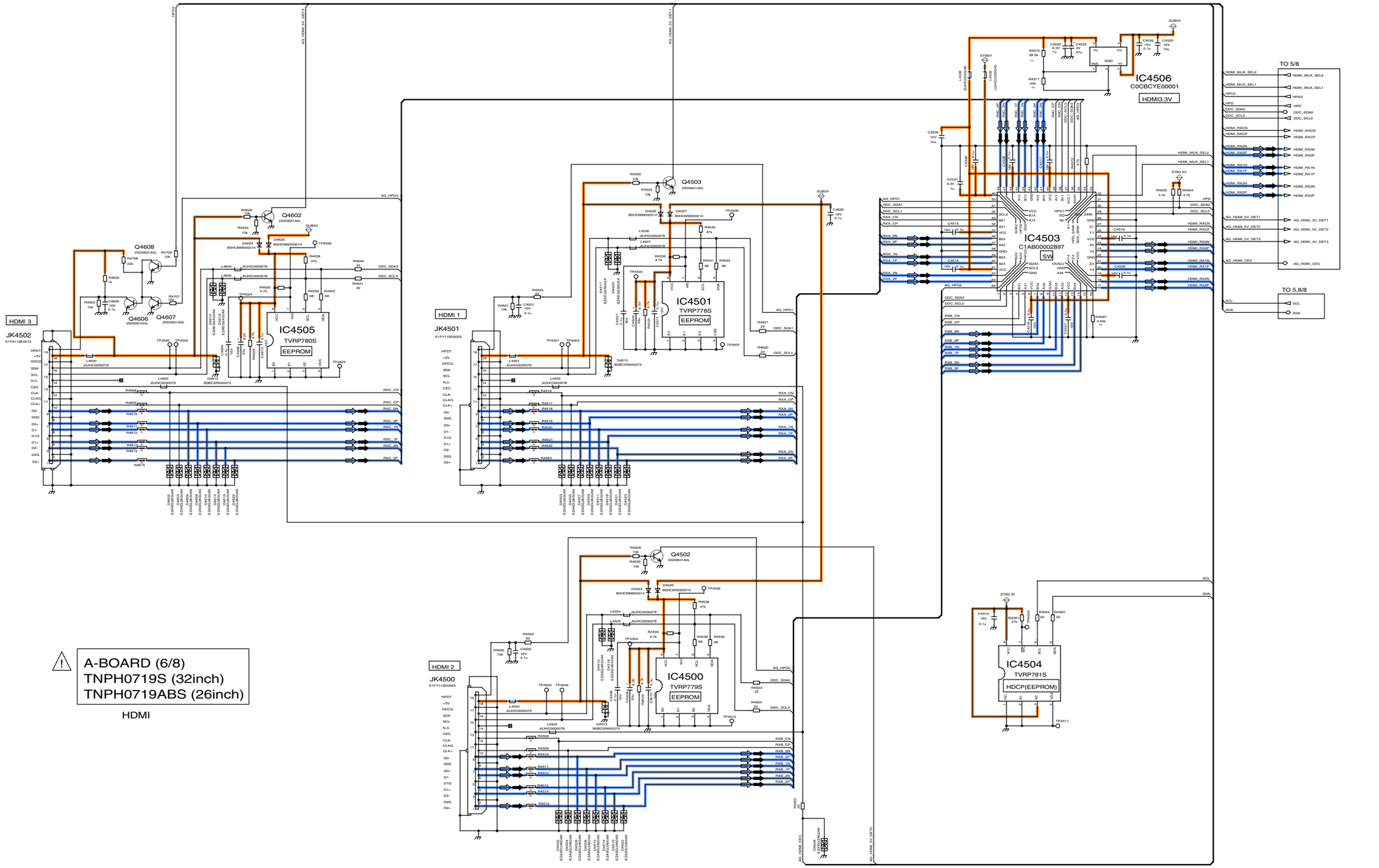


TC-32/26LX85
A-Board (5/8) Schematic Diagram

TC-32/26LX85
A-Board (5/8) Schematic Diagram

37 38 39 40 41 42 43 44 45

11.9. A-Board (6 of 8) Schematic Diagram



TC-32/26LX85
A-Board (6/8) Schematic Diagram

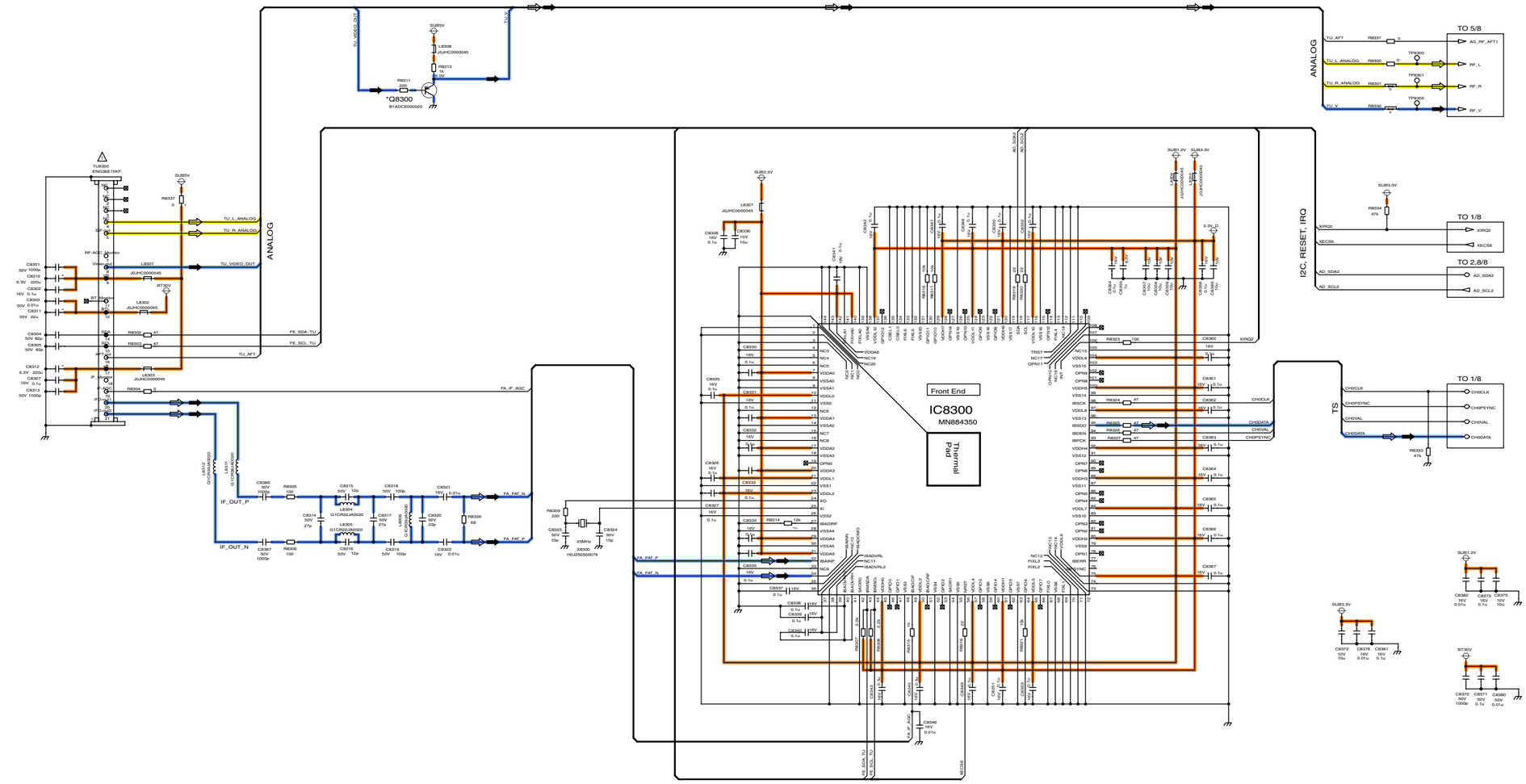
TC-32/26LX85
A-Board (6/8) Schematic Diagram

46 47 48 49 50 51 52 53 54

11.10. A-Board (7 of 8) Schematic Diagram

⚠ A-BOARD (7/8)
TNPH0719S (32inch)
TNPH0719ABS (26inch)

Front End

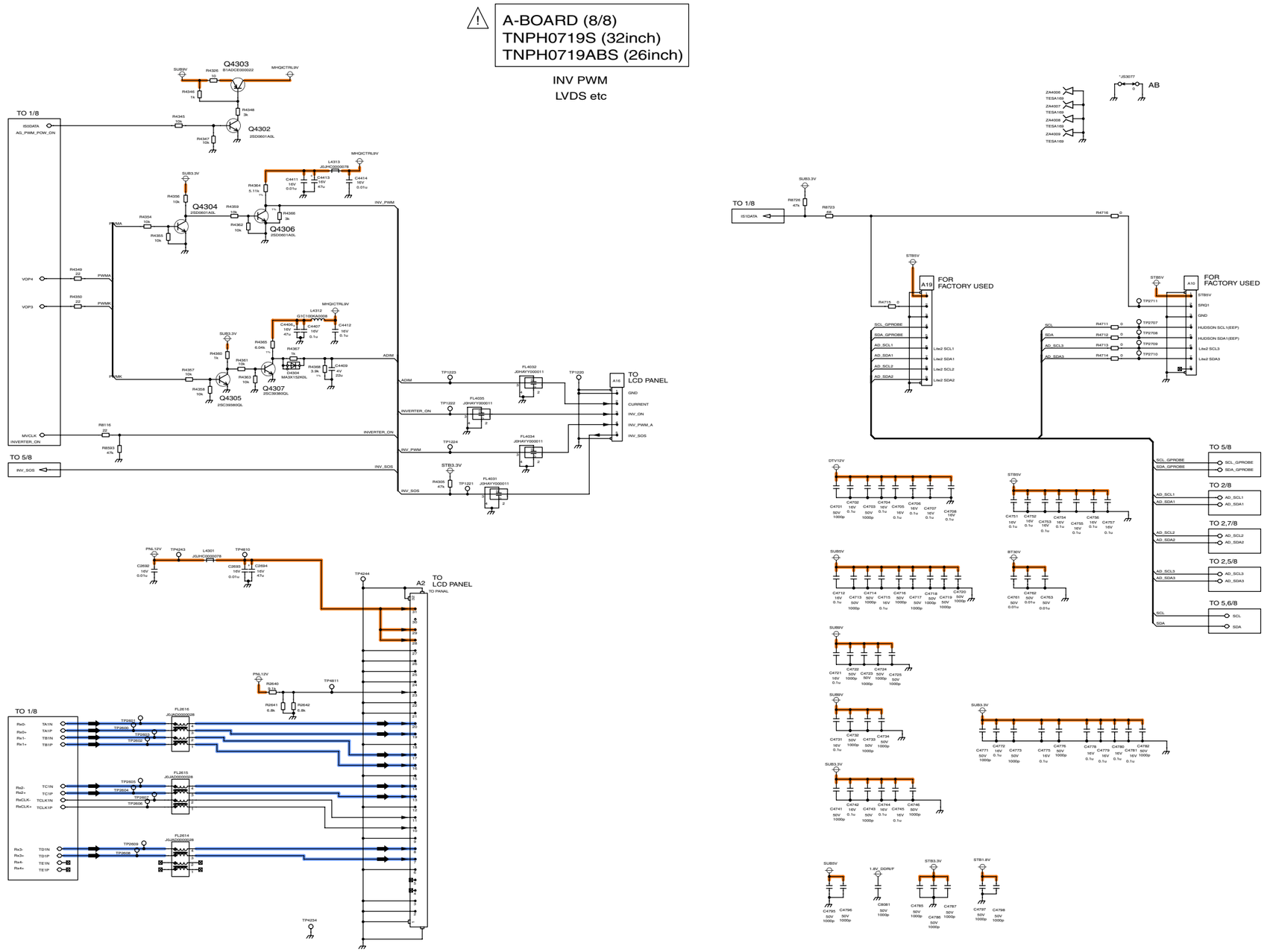


TC-32/26LX85
A-Board (7/8) Schematic Diagram

TC-32/26LX85
A-Board (7/8) Schematic Diagram

55 56 57 58 59 60 61 62 63

11.11. A-Board (8 of 8) Schematic Diagram



TC-32/26LX85
A-Board (8/8) Schematic Diagram

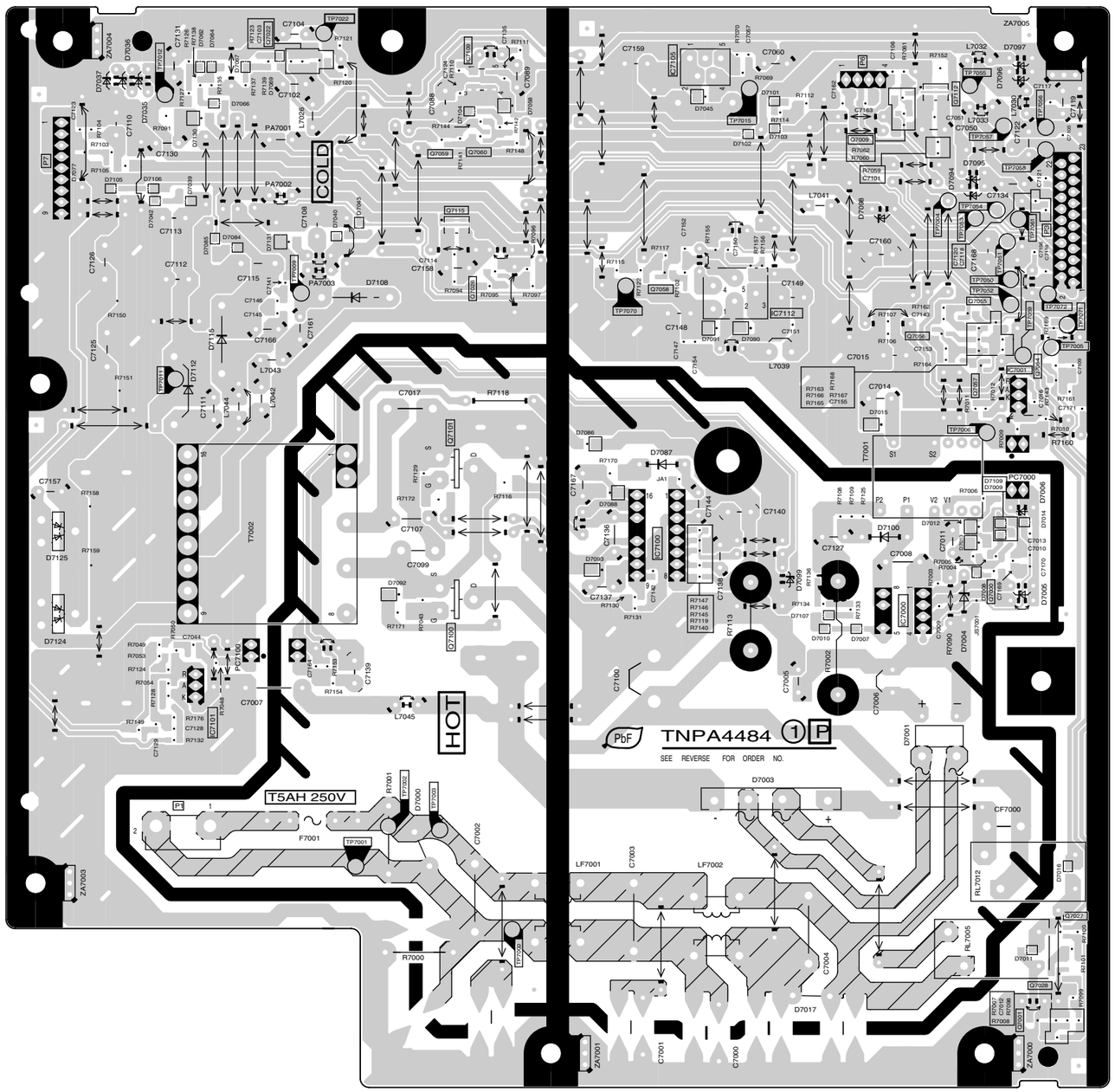
TC-32/26LX85
A-Board (8/8) Schematic Diagram

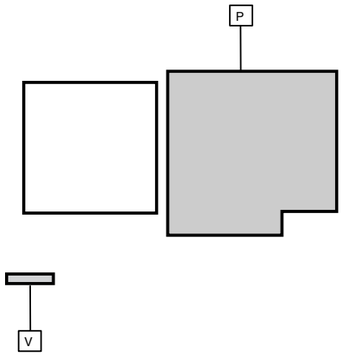
64 65 66 67 68 69 70 71 72

12 Printed Circuit Board

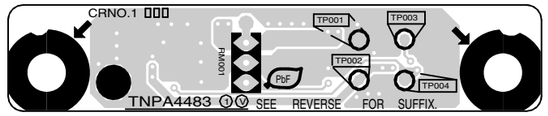
12.1. P-Board and V-Board

P-BOARD (FOIL SIDE)
TXN/P10NGCS





V-BOARD (FOIL SIDE)
TNPA4483S



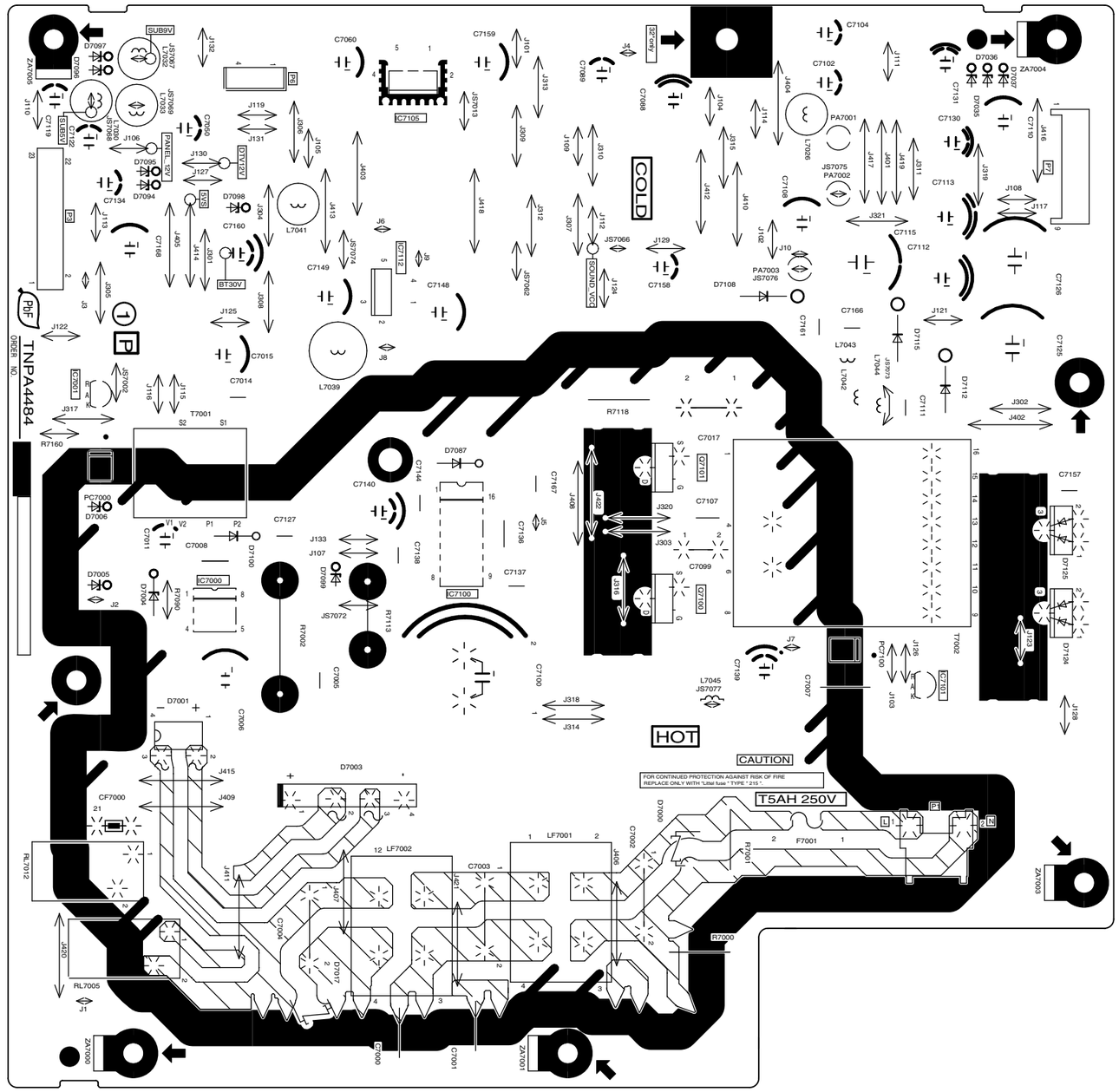
Parts Location

P-BOARD			
IC		**TP**	
IC7000	E-3	TP7000	C-2
IC7001	F-4	TP7001	C-2
IC7100	D-4	TP7002	C-2
IC7101	B-3	TP7003	C-2
IC7105	D-6	TP7004	E-5
IC7109	C-6	TP7005	F-5
IC7112	E-5	TP7006	F-4
TRANSISTOR		TP7009	B-5
		TP7011	B-4
Q7000	F-3	TP7012	B-6
Q7001	F-1	TP7015	E-6
Q7009	E-6	TP7022	B-6
Q7022	B-6	TP7050	F-5
Q7026	C-5	TP7051	F-5
Q7027	F-2	TP7052	F-5
Q7028	F-1	TP7053	F-5
Q7054	F-4	TP7054	F-5
Q7055	F-5	TP7055	F-6
Q7056	E-5	TP7056	F-6
Q7057	F-4	TP7057	F-6
Q7058	D-5	TP7058	F-5
Q7059	C-5	TP7059	F-5
Q7060	C-5	TP7061	F-5
Q7100	C-3	TP7070	D-5
Q7101	C-4	TP7071	F-5
Q7112	F-6	TP7072	F-5
Q7115	C-5		

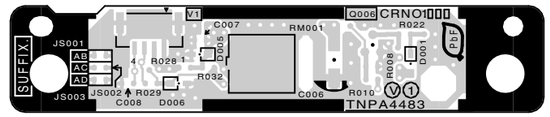
TC-32/26LX85
P-BOARD TXN/P10NGCS
V-BOARD TNPA4483S

TC-32/26LX85
P-BOARD TXN/P10NGCS
V-BOARD TNPA4483S

P-BOARD (COMPONENT SIDE)
TXN/P10NGCS



V-BOARD (COMPONENT SIDE)
TNPA4483S



Parts Location

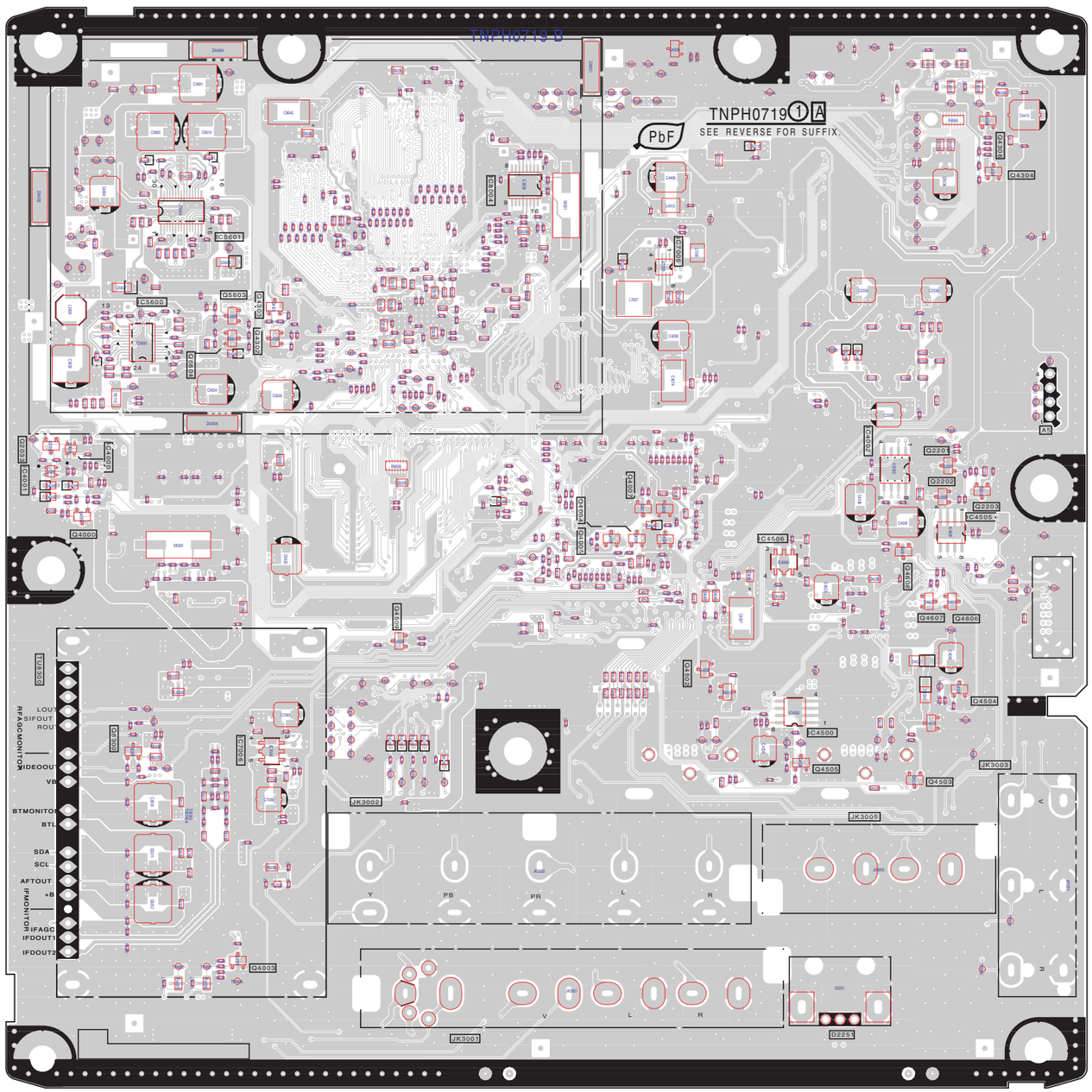
P-BOARD	
IC	
IC7000	B-3
IC7001	A-4
IC7100	C-3
IC7101	E-4
IC7105	C-6
IC7112	C-5
TRANSISTOR	
Q7100	D-3
Q7101	D-4

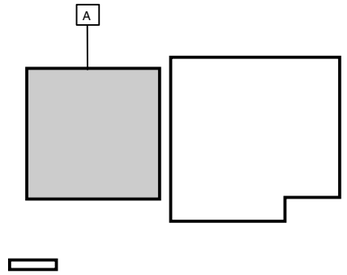
TC-32/26LX85
P-BOARD TXN/P10NGCS
V-BOARD TNPA4483S

TC-32/26LX85
P-BOARD TXN/P10NGCS
V-BOARD TNPA4483S

12.2. A-Board

A-BOARD (FOIL SIDE)
TNPH0719S(TC-32LX85) TNPH0719ABS(TC-26LX85)





Parts Location

A-BOARD			
IC		**TRANSISTOR**	
IC4000	A-4	Q2033	A-4
IC4001	A-4	Q2201	E-4
IC4002	E-4	Q2202	E-4
IC4500	E-3	Q2203	F-4
IC4505	F-4	Q4000	A-4
IC4506	E-3	Q4003	B-1
IC5600	B-5	Q4004	D-4
IC5601	B-5	Q4005	D-3
IC7005	D-5	Q4006	D-4
IC7006	B-2	Q4007	D-4
IC8004	C-5	Q4302	B-5
		Q4303	B-5
		Q4304	F-5
		Q4306	F-5
		Q4308	D-6
		Q4502	D-3
		Q4503	E-2
		Q4504	F-3
		Q4505	E-2
		Q4509	C-3
		Q4606	F-3
		Q4607	E-3
		Q4608	E-3
		Q5603	B-5
		Q5604	B-4
		Q8300	A-3

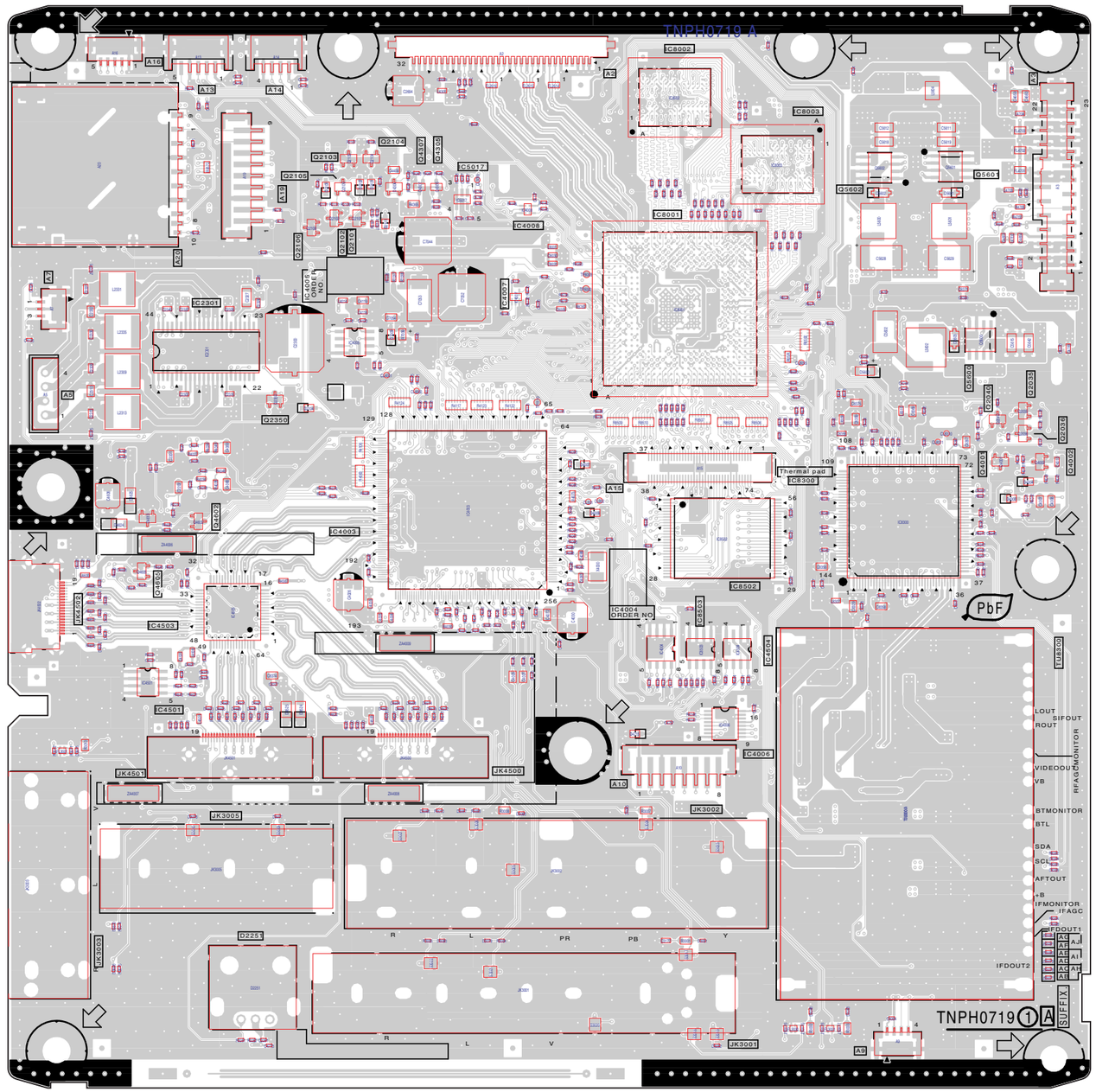
TC-32LX85
A-BOARD TNPH0719S

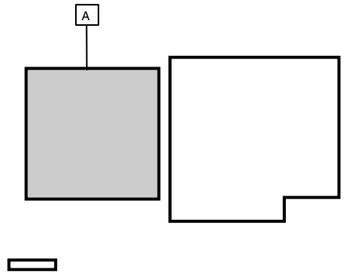
TC-26LX85
A-BOARD TNPH0719ABS

TC-32LX85
A-BOARD TNPH0719S

TC-26LX85
A-BOARD TNPH0719ABS

A-BOARD (COMPONENT SIDE)
TNPH0719S(TC-32LX85) TNPH0719ABS(TC-26LX85)





Parts Location

A-BOARD			
IC		**TRANSISTOR**	
IC2301	B-5	Q2035	F-4
IC4003	C-4	Q2036	F-4
IC4004	D-3	Q2040	F-4
IC4005	B-5	Q2101	C-5
IC4006	E-2	Q2102	B-5
IC4007	C-5	Q2103	B-5
IC4008	C-5	Q2104	C-5
IC4501	B-3	Q2105	B-5
IC4503	B-3	Q2106	B-5
IC4504	E-3	Q2350	B-4
IC5017	C-5	Q4001	F-4
IC8001	D-5	Q4002	F-4
IC8002	D-6	Q4305	C-5
IC8003	E-6	Q4307	C-5
IC8300	E-4	Q4602	B-4
IC8502	D-3	Q4605	B-3
IC8503	D-3	Q5600	F-4
		Q5601	F-5
		Q5602	E-5

TC-32LX85
A-BOARD TNPH0719S

TC-26LX85
A-BOARD TNPH0719ABS

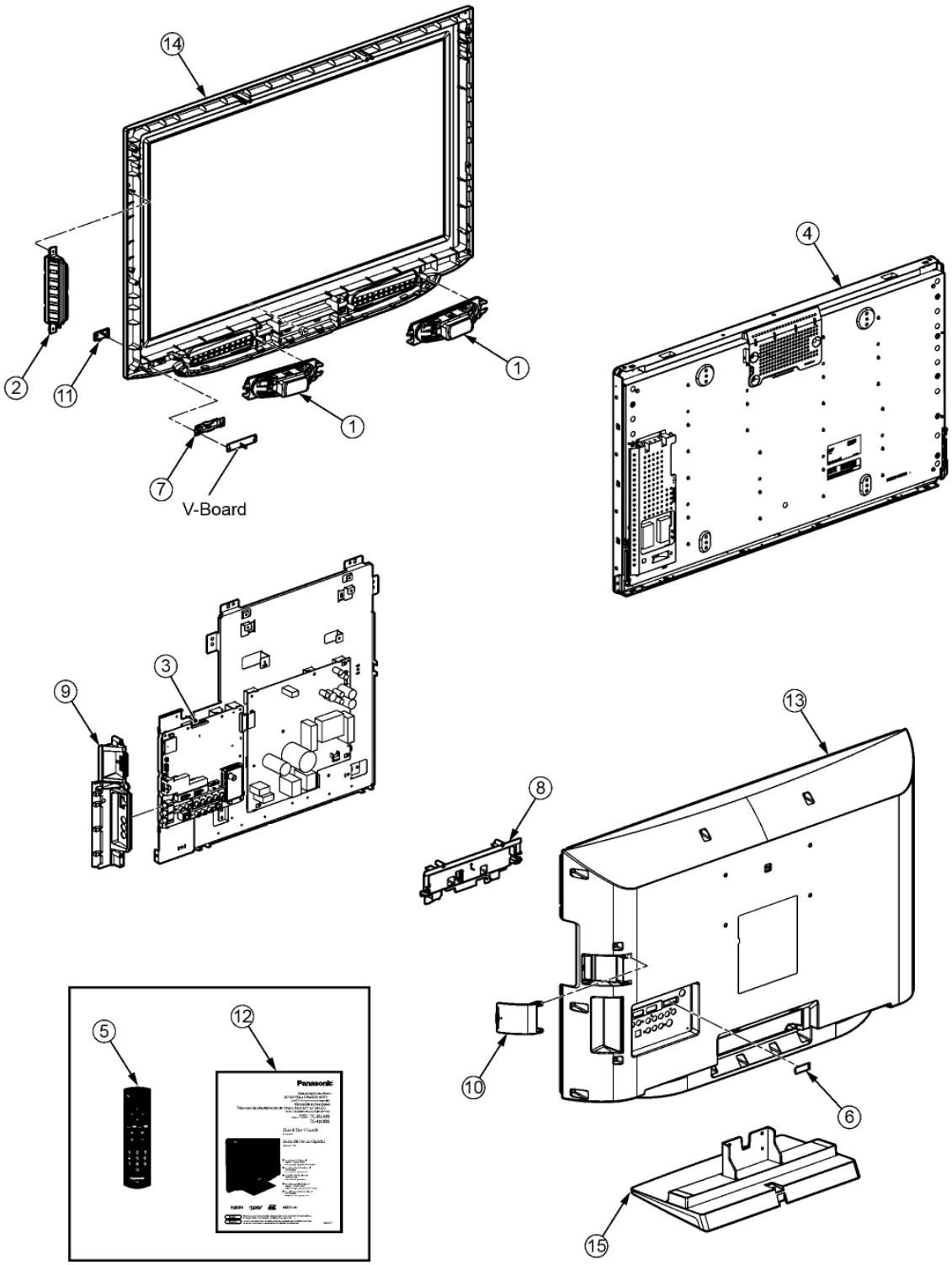
TC-32LX85
A-BOARD TNPH0719S

TC-26LX85
A-BOARD TNPH0719ABS

13 Exploded View and Replacement Parts List

13.1. Exploded View and Mechanical Replacement Parts List

13.1.1. Exploded View



13.1.2. Mechanical Replacement Parts List

Note: Important Safety Notice
Components identified by ⚠ mark have special characteristics **important for safety**.
When replacing any of these components, use only manufacturer's specified parts.

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

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		10030-0042000	BATTERY DOOR	1	PAVCA
	1	EAS16S07A	SPEAKER W/BUSH	2	
⚠	2	K0RB00700010	CONTROL PANERL ASSY	1	CIRCUIT BOARD&PANEL PAVCA
	3	K1PY30Y00022	LVDS LEAD	1	PAVCA TC-26LX85
	3	K1PY30Y00023	LVDS LEAD	1	PAVCA TC-32LX85
⚠		K2CB2YY00002	AC CORD	1	PAVCA TC-32LX85
⚠		K2CB2YY00003	AC CORD	1	PAVCA TC-26LX85
⚠	4	L5EDD6Q00026	LCD_PANEL	1	TC-26LX85
⚠	4	L5EDD8Q00035	LCD PANEL	1	PAVCA TC-32LX85
	5	N2QAYB000221	REMOTE CONTROL	1	PAVCA
		THEL047J	SCREW(HDMI:2)	3	
		THTF012J	SCREW (A9 P8)	17	
	6	TKK2AA7901	COVER (ADJ. WINDOW)	1	PAVCA
	7	TKK2AA8201	LED PANEL	1	PAVCA
⚠	8	TKP2AA5001	REAR CENTER COVER	1	PAVCA
	10	TKR2AA00211	SD DOOR	1	PAVCA
	15	TKX2AA0331	PEDESTAL COVER	1	PAVCA
		TMM25401	CLAMPER	10	
		TMM6428-1	CLAMPER	2	
		TMME047	CLAMPER	2	
		TMME111	CLAMPER	2	
		TMME287	CLAMPER	3	
	11	TMW2AX0301	LED BRACKET	1	PAVCA
⚠	12	TQB2AA0774	INSTRUCTION BOOK(ENG/SPA/FRENCH)	1	PAVCA
⚠	9	TXFKP01TSER	SIDE AV BRACKET	1	PAVCA
⚠	13	TXFKU01TSER	REAR COVER	1	PAVCA TC-26LX85
⚠	13	TXFKU07TSER	REAR COVER	1	PAVCA TC-32LX85
⚠	14	TXFKY01TSER	CABINET ASSY	1	PAVCA TC-26LX85
⚠	14	TXFKY05TSER	CABINET ASSY	1	PAVCA TC-32LX85
		TXFPE01RLTU	CLEANING CROSS ASSY	1	PAVCA
		TXJ/A50NGC	SPEAKER LEAD A5-SP	1	PAVCA TC-32LX85
		TXJ/A50NHC	SPEAKER LEAD A5-SP	1	PAVCA TC-26LX85
		XTB4+15JFJ	SCREW	16	
		XTB4+18JFJK	SCREW (BCX11)	17	
		XTV3+10GFJK	SCREW(REAR BRKT2)	3	
		XTV3+10JFJ	SCREW	3	
		XTW3+12TFJ	SCREW	4	
		XYN3+J8FJ	SCREW	4	
		XYN4+F10FJK	SCREW	4	
		XYN4+F6FJ	SCREW (LCD BTM MTG)	9	

13.2. Electrical Replacement Parts List

13.2.1. Replacement Parts List Notes

Important Safety Notice

Components identified by ⚠ 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 : Fuse M : Metal Oxide Metal FIlm S : Solid W : Wire Wound	F : ±1% G : ±2% J : ±5% K : ±10% M : ±20%

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

13.2.2. 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.

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
⚠	TU8300	ENG36E15KF	TUNER	1	PAVCA
	X4000	H0J196500022	CRYSTAL	1	PAVCA
	X8001	H0J270500061	CRYSTAL	1	
	X8300	H0J250500079	CRYSTAL	1	PAVCA
	ZA4006-09	TESA169	SHIELD CLIP	4	
	ZA7000-05	K4CZ01000027	COMPATIBLE WITH JALCO K9	5	
	V1	K1KA04B00273	4P CONNECTOR	1	PAVCA
	A2	K1KB30B00044	30P CONNECTOR	1	
	A3	K1KY23AA0607	23P CONNECTOR	1	
	A5	K1KA04AA0190	4P CONNECTOR	1	
	A7	K1KA03A00632	3P CONNECTOR	1	
	A9	K1KA04B00273	4P CONNECTOR	1	PAVCA
	A10	K1KA08AA0728	8P CONNECTOR	1	
	A13	K1KA05BA0047	5P CONNECTOR	1	
	A14	K1KA04BA0047	4P CONNECTOR	1	
	A16	K1KA05B00219	5P CONNECTOR	1	PAVCA
	A19	K1KA09AA0714	9P CONNECTOR	1	
	A20	K1NA09E00080	9P CONNECTOR	1	
	C1006	F2G0J470A019	E 47UF 6.3V	1	
	C1007	F1H1H103A970	C 0.001UF, K, 50V	1	
	C2101	F1J1A106A043	C 0.010UF, K, 10V	1	
	C2201,02	F1J1A106A043	C 0.010UF, K, 10V	2	
	C2203	F1H1A1050032	E 10UF, 50V	1	
	C2251	F1G1C104A116	C 0.10UF, K, 16V	1	
	C2300	EEEFG1E471P	E 470UF, 25V	1	
	C2301	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
	C2305	ECJ1XB1H104K	C 10PF, J, 50V	1	
	C2306	F1J1C684A097	C 0.68UF, Z, 16V	1	
	C2307	ECJ1XB1H104K	C 10PF, J, 50V	1	
	C2308	EEEHB1C100R	C 10PF, J, 16V	1	
	C2309	F1H1E104A129	E 0.1UF, 25V	1	TC-32LX85
	C2309	ECJ1XB1C473K	C 0.047UF, Z, 16V	1	TC-26LX85
	C2310	F1J1C474A104	C 0.47UF, Z, 16V	1	TC-32LX85
	C2310	ECJ2VB1C224K	C 0.22UF, K, 16V	1	TC-26LX85
	C2313	F1H1E104A129	E 0.1UF, 25V	1	TC-32LX85
	C2313	ECJ1XB1C473K	C 0.047UF, Z, 16V	1	TC-26LX85
	C2315	ECJ1XB1H104K	C 10PF, J, 50V	1	
	C2317	F1J1C684A097	C 0.68UF, Z, 16V	1	
	C2326	ECJ1XB1H104K	C 10PF, J, 50V	1	
	C2327	F1K1C3350002	C 33UF, Z, 50V	1	
	C2328	F1J1C684A097	C 0.68UF, Z, 16V	1	
	C2329	ECJ1XB1H104K	C 10PF, J, 50V	1	
	C2330	EEEHB1C100R	C 10PF, J, 16V	1	
	C2331	F1H1E104A129	E 0.1UF, 25V	1	TC-32LX85
	C2331	ECJ1XB1C473K	C 0.047UF, Z, 16V	1	TC-26LX85
	C2332	F1J1C474A104	C 0.47UF, Z, 16V	1	TC-32LX85

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C2332	ECJ2VB1C224K	C 0.22UF, K, 16V	1	TC-26LX85
	C2335	F1H1E104A129	E 0.1UF, 25V	1	TC-32LX85
	C2335	ECJ1XB1C473K	C 0.047UF, Z, 16V	1	TC-26LX85
	C2337	ECJ1XB1H104K	C 10PF, J, 50V	1	
	C2338	EEEHB1C100R	C 10PF, J, 16V	1	
	C2339	F1J1C684A097	C 0.68UF, Z, 16V	1	
	C2340-42	ECJ1XB1H104K	C 10PF, J, 50V	3	
	C2344	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
	C2692,93	ECJ0EB1C103K	C 0.010UF, K, 16V	2	
	C2694	F2G1C4700052	E 47UF, 16V	1	
	C3177	F1H1A1050032	E 10UF, 50V	1	
	C4000	F1H1H102A971	C 1000PF, K, 50V	1	
	C4001	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4003,04	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4006,07	F1J1A106A043	C 0.010UF, K, 10V	2	
	C4008	F1G1H101A731	C 100PF, K, 50V	1	
	C4014	F1G1H330A731	E 33UF, 50V	1	PAVCA
	C4015	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C4016,17	F1H1A1050032	E 10UF, 50V	2	
	C4018	F1G1H330A731	E 33UF, 50V	1	PAVCA
	C4019-22	F1G1C104A116	C 0.10UF, K, 16V	4	
	C4023	F1H1H223A970	C 0.22UF, K, 50V	1	
	C4024,25	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4026	EEEHB0G101R	C 100PF, J, 4V	1	
	C4027	F1H1H223A970	C 0.22UF, K, 50V	1	
	C4028,29	F1G1H181A731	E 180UF, 50V	2	PAVCA
	C4030	EEEHB0G101R	C 100PF, J, 4V	1	
	C4031,32	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4033	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C4036	EEEHB0G101R	C 100PF, J, 4V	1	
	C4038	F2G0J470A019	E 47UF 6.3V	1	
	C4039	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4040	F1J1A106A043	C 0.010UF, K, 10V	1	
	C4041-44	F1G1C104A116	C 0.10UF, K, 16V	4	
	C4045	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
	C4046	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4047-50	F1H1A1050032	E 10UF, 50V	4	
	C4051-60	F1G1C104A116	C 0.10UF, K, 16V	10	
	C4061	F1J0G2260001	C 0.001UF, 6.3V	1	
	C4062-67	ECJ0EB1C103K	C 0.010UF, K, 16V	6	
	C4068,69	F1J1A106A043	C 0.010UF, K, 10V	2	
	C4070,71	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4072	F1J0G2260001	C 0.001UF, 6.3V	1	
	C4073	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4075	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C4076-78	F1G1C104A116	C 0.10UF, K, 16V	3	
	C4079	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C4080-82	F1G1C104A116	C 0.10UF, K, 16V	3	
	C4083	F1H1H100A971	C 10PF, K, 50V	1	PAVCA
	C4084	F1J0G2260001	C 0.001UF, 6.3V	1	
	C4085	F1H0J1050012	C 1UF, K, 16V	1	
	C4086	F1H1H100A971	C 10PF, K, 50V	1	PAVCA
	C4087	ECJ0EB1C103K	C 0.010UF, K, 16V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	C4088,89	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4090-92	ECJ0EB1C103K	C 0.010UF, K, 16V	3	
	C4093	F1J0G2260001	C 0.001UF, 6.3V	1	
	C4094-97	ECJ0EB1C103K	C 0.010UF, K, 16V	4	
	C4098	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4099-15	ECJ0EB1C103K	C 0.010UF, K, 16V	17	
	C4116	F1H1A1050032	E 10UF, 50V	1	
	C4117,18	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4119	F1J1A106A043	C 0.010UF, K, 10V	1	
	C4120	F1G1H101A731	C 100PF, K, 50V	1	
	C4121,22	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4125,26	ECJ0EB1C103K	C 0.010UF, K, 16V	2	
	C4127	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4406	F2G1C4700052	E 47UF, 16V	1	
	C4407	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4409	F1J0G2260001	C 0.001UF, 6.3V	1	
	C4411	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C4412	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4413	F2G1C4700052	E 47UF, 16V	1	
	C4414	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C4500,01	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4506,07	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4508,09	EEEHB0J330R	C 33PF, J, 6.3V	2	
	C4510,11	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4513-15	F1G1C104A116	C 0.10UF, K, 16V	3	
	C4517-19	F1G1C104A116	C 0.10UF, K, 16V	3	
	C4520	F1J1A106A043	C 0.010UF, K, 10V	1	
	C4522	F1H0J1050012	C 1UF, K, 16V	1	
	C4523	EEEHB0G470R	C 47PF, J, 4V	1	
	C4526-30	F1G1C104A116	C 0.10UF, K, 16V	5	
	C4531	F1H0J1050012	C 1UF, K, 16V	1	
	C4532	F1J1A106A043	C 0.010UF, K, 10V	1	
	C4600	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4606	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4608	EEEHB0J330R	C 33PF, J, 6.3V	1	
	C4610	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4626	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4647	F1G1H103A735	E 0.01UF, 50V	1	PAVCA
	C4649,50	ECJ0EB1C103K	C 0.010UF, K, 16V	2	
	C4651,52	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4653,54	ECJ1XB1H104K	C 10PF, J, 50V	2	
	C4655	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4656	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C4657	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4658	F2G0J470A019	E 47UF 6.3V	1	
	C4659,60	F1J1H104A835	C 0.10UF, 50V	2	
	C4701	F1G1H102A730	E 1000UF, 50V	1	
	C4702	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4703	F1G1H102A730	E 1000UF, 50V	1	
	C4704-08	F1G1C104A116	C 0.10UF, K, 16V	5	
	C4712	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4713,14	F1G1H102A730	E 1000UF, 50V	2	
	C4715	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4716-20	F1G1H102A730	E 1000UF, 50V	5	
	C4721	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4722-25	F1G1H102A730	E 1000UF, 50V	4	
	C4731	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4732-34	F1G1H102A730	E 1000UF, 50V	3	
	C4741	F1G1H102A730	E 1000UF, 50V	1	
	C4742	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4743	F1G1H102A730	E 1000UF, 50V	1	
	C4744,45	F1G1C104A116	C 0.10UF, K, 16V	2	
	C4746	F1G1H102A730	E 1000UF, 50V	1	
	C4751-57	F1G1C104A116	C 0.10UF, K, 16V	7	

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	C4761-63	F1H1H103A970	C 0.001UF, K, 50V	3	
	C4771	F1G1H102A730	E 1000UF, 50V	1	
	C4772	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4773	F1G1H102A730	E 1000UF, 50V	1	
	C4775	F1G1C104A116	C 0.10UF, K, 16V	1	
	C4776	F1G1H102A730	E 1000UF, 50V	1	
	C4778-81	F1G1C104A116	C 0.10UF, K, 16V	4	
	C4782	F1G1H102A730	E 1000UF, 50V	1	
	C4785-87	F1G1H102A730	E 1000UF, 50V	3	
	C4795-98	F1G1H102A730	E 1000UF, 50V	4	
	C5600	F1H1A1050032	E 10UF, 50V	1	
	C5601	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5602	ECGRL0G680ER	C 68PF, J, 4V	1	
	C5603,04	ECJ0EB1C103K	C 0.010UF, K, 16V	2	
	C5605	F1J1A475A039	C 4.7UF, K, 10V	1	
	C5606	F1G1H471A730	E 470UF, 50V	1	PAVCA
	C5607	F1G1H221A731	E 220UF, 50V	1	PAVCA
	C5608	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5611,12	F1K1C1060004	C 0.010UF, 16V	2	
	C5615	F1K1C1060004	C 0.010UF, 16V	1	
	C5616	F1G1A473A053	E 0.47UF, 10V	1	
	C5617	F1H1A1050032	E 10UF, 50V	1	
	C5618,19	F1K1C1060004	C 0.010UF, 16V	2	
	C5620	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5621	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C5622	F1J1A475A039	C 4.7UF, K, 10V	1	
	C5623	F1G1H471A730	E 470UF, 50V	1	PAVCA
	C5624	F1G1H221A731	E 220UF, 50V	1	PAVCA
	C5625	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C5626,27	F1G1C104A116	C 0.10UF, K, 16V	2	
	C5628,29	ECGRL0G680ER	C 68PF, J, 4V	2	
	C5631	EEEHB1C470P	C 47PF, J, 16V	1	
	C5632	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
	C5636	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5638-41	F1G1C104A116	C 0.10UF, K, 16V	4	
	C5642	F1K1C1060004	C 0.010UF, 16V	1	
	C5643	F1G1C104A116	C 0.10UF, K, 16V	1	
	C5644	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C5651	EEEHB1A101P	C 100PF, J, 10V	1	
	C5688	F1H1A225A051	E 22UF, 50V	1	
	C5765	F1G1A473A053	E 0.47UF, 10V	1	
	C5766,67	ECJ0EB1C103K	C 0.010UF, K, 16V	2	
⚠	C7000,01	ECKDNA102MB	C 1000PF, Z,	2	
⚠	C7002,03	ECQU2A334BN9	P 0.33UF, M,250V	2	
⚠	C7004	ECQU2A104BN9	P 0.1UF, 250V	1	
	C7005	ECKD3A222KBP	C 2200PF, K, 1KV	1	
	C7006	F2A2G100A002	E 100UF, 400V	1	PAVCA
⚠	C7007	ECKDNA102MB	C 1000PF, Z,	1	
	C7008	ECCD3D220KGE	C 22PF, K, 2KV	1	
	C7009	F1J1H104A835	C 0.10UF, 50V	1	
	C7011	ECA1HM4R7	E 4.7UF, 50V	1	
	C7012	F1J1H104A835	C 0.10UF, 50V	1	
	C7013	F1J1H681A834	C 680PF, K, 50V	1	PAVCA
	C7015	EEUFC1E471	E 470UF, 25V	1	
	C7016	F1J1H103A834	C 0.01UF, K, 50V	1	
	C7017	ECWF4334JBP	P 0.33UF, J,400V	1	PAVCA
	C7044	F1J1H104A835	C 0.10UF, 50V	1	
	C7045,46	ECJ2FB1E475M	C 4.7UF, K, 25V	2	
	C7048	F1G1H102A730	E 1000UF, 50V	1	
	C7052	EEEHB0G471P	C 470PF, J, 4V	1	
	C7053	ECGRL0G680ER	C 68PF, J, 4V	1	
	C7054	F1J0J475A035	C 4.7UF, K, 16V	1	
	C7055,56	F1G1C104A116	C 0.10UF, K, 16V	2	
	C7057	F1J1H103A834	C 0.01UF, K, 50V	1	
	C7058	F1H0J1050012	C 1UF, K, 16V	1	
	C7059	EEEHB0G470R	C 47PF, J, 4V	1	
	C7060	F2A1E221A487	E 220UF, 25V	1	
	C7061	F1H0J1050012	C 1UF, K, 16V	1	

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	C7062	F1G1C104A116	C 0.10UF, K, 16V	1	
	C7065	F1J1C474A104	C 0.47UF, Z, 16V	1	
	C7088	ECA1HMH101	E 100UF, 50V	1	
	C7099	ECKD3D471KBP	C 470PF, K, 2KV	1	
	C7100	F2B2D4710019	E 470UF,@ 200V	1	PAVCA
	C7102	F2A1C101A121	E 100UF, 16V	1	
	C7103	F1J1C224A194	C 0.22UF, Z, 16V	1	PAVCA
	C7104	ECA1HM330	E 33UF, 50V	1	
	C7107	ECCD3D470KGE	C 47PF, K, 2KV	1	
	C7108	F2A1E471A102	E 470UF, 25V	1	
	C7109	F1J1A1050016	C 1UF, Z, 10V	1	
	C7110	F2A1E471A102	E 470UF, 25V	1	
	C7112	F2A1C1020027	E 1000UF, 16V	1	
	C7115	F2A1E1020046	E 1000UF, 25V	1	PAVCA
	C7124	F1J1H103A834	C 0.01UF, K, 50V	1	
	C7125,26	EEUFC1V222	E 2200UF, 35V	2	
	C7127	ECKD3A102KBP	C 1000PF, K, 1KV	1	
	C7128	F1J1C224A194	C 0.22UF, Z, 16V	1	PAVCA
	C7130	F2A1H4700036	E 47UF, 50V	1	PAVCA
	C7131	ECA1HM100	E 10UF, 50V	1	
	C7135	F1J1A106A043	C 0.010UF, K, 10V	1	
	C7136	ECKD3D221KBP	C 220PF, K, 2KV	1	
	C7137	ECQV1H103JLW	P 0.01UF, J, 50V	1	PAVCA
	C7138	ECQV1H684JL	P 0.68UF, J, 50V	1	
	C7139	ECA1HM100	E 10UF, 50V	1	
	C7140	F2A1H4700036	E 47UF, 50V	1	PAVCA
	C7141	F1J1E105A171	C 1 UF 25V	1	
	C7142	F1J1H681A834	C 680PF, K, 50V	1	PAVCA
	C7143	F1J1A1050016	C 1UF, Z, 10V	1	
	C7144	ECQV1H474JL	P 0.47UF, J, 50V	1	
	C7145,46	F1J1E105A171	C 1 UF 25V	2	
	C7147	F1J1H103A834	C 0.01UF, K, 50V	1	
	C7148	ECA1HM221	E 220UF, 50V	1	
	C7149	F2A1E471A102	E 470UF, 25V	1	
	C7150	F1J1H682A834	C 6800UF, 50V	1	PAVCA
	C7151	F1J1H103A834	C 0.01UF, K, 50V	1	
	C7152	F1J1H104A835	C 0.10UF, 50V	1	
	C7153	F1J1A1050016	C 1UF, Z, 10V	1	
	C7154	F1J1H104A835	C 0.10UF, 50V	1	
	C7155	F1J1A1050016	C 1UF, Z, 10V	1	
	C7159	F2A1E471A102	E 470UF, 25V	1	
	C7160	ECA1HM100	E 10UF, 50V	1	
	C7164	F1J1H103A834	C 0.01UF, K, 50V	1	
	C7167	ECQV1H474JL	P 0.47UF, J, 50V	1	
	C7168	F2A1E471A102	E 470UF, 25V	1	
	C7169,70	F1J1H474A757	C 0.47UF, 50V	2	
	C7171	F1J1E105A171	C 1 UF 25V	1	
	C8001	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8002-05	F1H0J1050012	C 1UF, K, 16V	4	
	C8006-08	F1G1C104A116	C 0.10UF, K, 16V	3	
	C8009,10	F1J1A106A043	C 0.010UF, K, 10V	2	
	C8011-14	F1G1C104A116	C 0.10UF, K, 16V	4	
	C8015,16	F1H0J1050012	C 1UF, K, 16V	2	
	C8017	F1J1A106A043	C 0.010UF, K, 10V	1	
	C8018-21	F1G1C104A116	C 0.10UF, K, 16V	4	
	C8022	F1H0J1050012	C 1UF, K, 16V	1	
	C8023,24	F1J1A106A043	C 0.010UF, K, 10V	2	
	C8025-29	F1G1C104A116	C 0.10UF, K, 16V	5	
	C8030,31	F1H0J1050012	C 1UF, K, 16V	2	
	C8032	F1J1A106A043	C 0.010UF, K, 10V	1	
	C8033,34	F1G1C104A116	C 0.10UF, K, 16V	2	
	C8035,36	F1J1A106A043	C 0.010UF, K, 10V	2	
	C8037-41	F1G1C104A116	C 0.10UF, K, 16V	5	
	C8042	ECGRL0G680ER	C 68PF, J, 4V	1	
	C8043-51	F1G1C104A116	C 0.10UF, K, 16V	9	
	C8052	F1H0J1050012	C 1UF, K, 16V	1	
	C8053	ECJ0EB1C103K	C 0.010UF, K, 16V	1	

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	C8056,57	F1G1C104A116	C 0.10UF, K, 16V	2	
	C8058	F1J1A106A043	C 0.010UF, K, 10V	1	
	C8067	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C8068	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8069	F1G1H820A731	E 82UF, 50V	1	
	C8070-74	F1G1C104A116	C 0.10UF, K, 16V	5	
	C8075	F1J0G2260001	C 0.001UF, 6.3V	1	
	C8076-80	F1G1C104A116	C 0.10UF, K, 16V	5	
	C8081	F1G1H102A730	E 1000UF, 50V	1	
	C8301	F1G1H102A730	E 1000UF, 50V	1	
	C8302	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8303	F1G1H103A735	E 0.01UF, 50V	1	PAVCA
	C8304,05	F1G1H820A731	E 82UF, 50V	2	
	C8307	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8310	F2G0J2210013	E 220UF 6.3V	1	PAVCA
	C8311	F2G1V220A020	E 22UF, 35V	1	
	C8312	F2G0J2210013	E 220UF 6.3V	1	PAVCA
	C8313	F1G1H102A730	E 1000UF, 50V	1	
	C8314	F1G1H270A731	E 27UF, 50V	1	
	C8315,16	F1G1H120A731	E 12UF, 50V	2	
	C8317	F1G1H270A731	E 27UF, 50V	1	
	C8318,19	F1G1H101A731	C 100PF, K, 50V	2	
	C8320	F1G1H220A731	E 22UF, 50V	1	
	C8321,22	ECJ0EB1C103K	C 0.010UF, K, 16V	2	
	C8323	F1G1H100A731	C 10PF, K, 50V	1	PAVCA
	C8324	F1G1H150A731	E 15UF, 50V	1	
	C8325-28	F1G1C104A116	C 0.10UF, K, 16V	4	
	C8330-35	F1G1C104A116	C 0.10UF, K, 16V	6	
	C8336	F1J1A106A043	C 0.010UF, K, 10V	1	
	C8337-43	F1G1C104A116	C 0.10UF, K, 16V	7	
	C8345	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8346	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C8347-54	F1G1C104A116	C 0.10UF, K, 16V	8	
	C8355	F1H0J1050012	C 1UF, K, 16V	1	
	C8357-59	F1J1A106A043	C 0.010UF, K, 10V	3	
	C8360-68	F1G1C104A116	C 0.10UF, K, 16V	9	
	C8369	F1J1A106A043	C 0.010UF, K, 10V	1	
	C8370	F1G1H102A730	E 1000UF, 50V	1	
	C8371	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
	C8372	F1J1A106A043	C 0.010UF, K, 10V	1	
	C8373	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8375	F1J1A106A043	C 0.010UF, K, 10V	1	
	C8376	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C8380	F1G1H103A735	E 0.01UF, 50V	1	PAVCA
	C8381	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8382	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
	C8386,87	F1G1H102A730	E 1000UF, 50V	2	
	C8500-04	F1G1C104A116	C 0.10UF, K, 16V	5	
	C8506	F1G1C104A116	C 0.10UF, K, 16V	1	
	C8534	EEEHB0G470R	C 47PF, J, 4V	1	
	C8537	TCUY1C225ZFN	C 2.2UF, 16V	1	
⚠	CF7000	D4CAY2R20001	THERMISTOR	1	PAVCA
	D1001	LN1271RAL-TR	LED	1	
	D2101-04	MA2J11100L	DIODE	4	
	D2251	K7AAAY000005	PHOTO LINK	1	
	D2318,19	MA2J11100L	DIODE	2	
	D3048	EZJZ0V120JA	VARISTOR	1	PAVCA
	D3051,52	EZJZ0V120JA	VARISTOR	2	PAVCA
	D3063-68	EZJZ0V120JA	VARISTOR	6	PAVCA
	D3077-80	EZJZ0V120JA	VARISTOR	4	PAVCA
	D3806	EZJZ0V120JA	VARISTOR	1	PAVCA
	D3810	EZJZ0V120JA	VARISTOR	1	PAVCA

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	D3815	EZJZ0V120JA	VARISTOR	1	PAVCA
	D4000	MA2J72800L	DIODE	1	
	D4001-03	MA2J11100L	DIODE	3	
	D4005	MA2J72800L	DIODE	1	
	D4101,02	EZJZ0V120JA	VARISTOR	2	PAVCA
	D4304	MA152K	DIODE	1	
	D4502-12	EZAEG2A50AX	DIODE	11	
	D4513	B0BC5R6A0275	DIODE	1	
	D4514	EZAEG2A50AX	DIODE	1	
	D4515	B0BC5R6A0275	DIODE	1	
	D4516-23	EZAEG2A50AX	DIODE	8	
	D4524-27	B0HCMM000014	DIODE	4	
	D4602	EZAEG2A50AX	DIODE	1	
	D4604	EZAEG2A50AX	DIODE	1	
	D4606	EZAEG2A50AX	DIODE	1	
	D4608	EZAEG2A50AX	DIODE	1	
	D4610	EZAEG2A50AX	DIODE	1	
	D4612	EZAEG2A50AX	DIODE	1	
	D4613	B0BC5R6A0275	DIODE	1	
	D4614	EZAEG2A50AX	DIODE	1	
	D4618,19	EZAEG2A50AX	DIODE	2	
	D4622	EZAEG2A50AX	DIODE	1	
	D4624,25	B0HCMM000014	DIODE	2	
	D4628	EZAEG2A50AX	DIODE	1	
	D5601,02	MA22D3900L	DIODE	2	
	D5603,04	B0JCDD000002	DIODE	2	
	D5605	MA22D3900L	DIODE	1	
	D5606	B0JCDD000002	DIODE	1	
	D5652	MA8039L	ZENER DIODE	1	
	D5653	B0JCPD000026	DIODE	1	
	D5692	MA8056LTX	ZENER DIODE	1	
⚠	D7000	ERZV10V471CS	VARISTOR	1	PAVCA
⚠	D7001	B0EBKT000007	DIODE	1	
⚠	D7003	B0FBAT000008	DIODE	1	
	D7004	MAZ41600MF	DIODE	1	
	D7005	B0BA03600021	ZENER DIODE	1	
	D7006	MTZJ15B	ZENER DIODE	1	
	D7007	MAZ83600ML	ZENER DIODE	1	
	D7008	MA2J11100L	DIODE	1	
	D7009	MA8240MTX	ZENER DIODE	1	
	D7010	MAZ83600ML	ZENER DIODE	1	
	D7011	MA2J11100L	DIODE	1	
	D7012,13	B0HCMM000014	DIODE	2	
	D7014	MAZ80560ML	ZENER DIODE	1	
	D7015	B0JCNG000003	DIODE	1	
⚠	D7017	ERZV10V471CS	VARISTOR	1	PAVCA
	D7035-37	MA4100H	ZENER DIODE	3	
	D7039	MA8180-M	ZENER DIODE	1	
	D7040	MAZ81100ML	ZENER DIODE	1	
	D7042,43	MA2J11100L	DIODE	2	
	D7045	B0HCMM000014	DIODE	1	
	D7058	B0HCMM000014	DIODE	1	
	D7062	MA2J11100L	DIODE	1	
	D7064	MA2J11100L	DIODE	1	
	D7066,67	MA2J11100L	DIODE	2	
	D7069	MA2J11100L	DIODE	1	
	D7077	MA152K	DIODE	1	
	D7084	MA8200M	ZENER DIODE	1	
	D7085	MA2J11100L	DIODE	1	
	D7086	B0HCMM000014	DIODE	1	
	D7087	EG01C	DIODE	1	
	D7088	B0HCMM000014	DIODE	1	
	D7090	B0JCPG000005	DIODE	1	
	D7091	B0HCMM000014	DIODE	1	
	D7092,93	B0JCPG000005	DIODE	2	
	D7095-97	MTZJ15B	ZENER DIODE	3	
	D7100	EG01C	DIODE	1	
	D7101-03	MA2J11100L	DIODE	3	
	D7105	MAZ82700ML	ZENER DIODE	1	
	D7106	MA2J11100L	DIODE	1	
	D7107	MA8240MTX	ZENER DIODE	1	
	D7108	B0JAPK000011	DIODE	1	
	D7109	MAZ81500ML	ZENER DIODE	1	
	D7112	B0JAPK000011	DIODE	1	
	D7115	B0JAPK000011	DIODE	1	
	D7124	B0JBSL000024	DIODE	1	PAVCA
	D7130,31	B0HCMM000014	DIODE	2	
	F7001-1	K3GE1ZA00010	FUSE HOLDER	1	
	F7001-2	K3GE1ZA00010	FUSE HOLDER	1	
⚠	F7001	K5D502BNA005	TIME LAG FUSE HIGH	1	
	FL2614-16	J0JAD0000028	CHIP INDUCTOR	3	
	FL4031,32	J0HAYY000011	LC FILTER	2	PAVCA
	FL4034-37	J0HAYY000011	LC FILTER	4	PAVCA
	FL4701-03	ECJ2YB1A105K	C 1UF, K, 10V	3	
	IC2301	C1AB00002916	IC	1	PAVCA
	IC4000	C0EBF0000335	IC	1	
	IC4001	C0EBF0000354	IC	1	
	IC4002	C0ABBB000230	IC	1	
	IC4003	C5ZBZ0000067	IC	1	PAVCA
	IC4004	TVRQ013S	IC	1	PAVCA TC-26LX85
	IC4004	TVRP782S	IC	1	PAVCA TC-32LX85
	IC4005	TVRP864S	IC	1	PAVCA
	IC4007,08	C0JBAZ002261	IC	2	
	IC4500	TVRP779S	IC	1	PAVCA
	IC4501	TVRP778S	IC	1	PAVCA
	IC4503	C1AB00002897	IC	1	PAVCA
	IC4504	TVRP781S	IC	1	PAVCA
	IC4505	TVRP780S	IC	1	PAVCA
	IC4506	C0CBCYE00001	IC	1	
	IC5017	C0EBM0000026	IC	1	
	IC5600	C0DBAYY00273	IC	1	
	IC5601	C0DBAYY00274	IC	1	
	IC7000	C0DABYY00008	IC	1	
	IC7001	C0DAEMZ00001	IC	1	
	IC7005	C0DBAFG00018	IC	1	
	IC7006	C0CBCYE00001	IC	1	
	IC7100	C0DABYY00014	IC	1	PAVCA
	IC7101	C0DAEMZ00001	IC	1	
	IC7105	C0DAEYH00002	IC	1	
	IC7109	C0DBEHE00005	IC	1	PAVCA
	IC7112	C0DAAZG00014	IC	1	
	IC8001	MN2WS0047	IC	1	PAVCA
	IC8002	C3ABSG000052	IC	1	
	IC8004	C0ZBZ0001030	IC	1	
	IC8300	MN884350	IC	1	PAVCA
	IC8502	TVRP786S	IC	1	PAVCA
	IC8503	TVRP783S	IC	1	PAVCA TC-32LX85
	IC8503	TVRP785S	IC	1	PAVCA TC-26LX85
	JA1	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	JK3001	K4AK12A00001	TERMINAL BOARD	1	PAVCA
	JK3002	K4AK10A00001	TERMINAL BOARD	1	PAVCA
	JK3003	K4AK08B00002	TERMINAL BOARD	1	PAVCA
	JK3005	K2HA204A0038	JACK	1	
	JK4500,01	K1FY119D0003	CONNECTOR	2	PAVCA
	JK4502	K1FA119E0013	CONNECTOR	1	
	JS2101,02	D0YAR0000007	M 0.0 OHM, J,0.063W	2	
	JS3077	D0YAR0000007	M 0.0 OHM, J,0.063W	1	TC-26LX85
	JS3115-18	D0YAR0000007	M 0.0 OHM, J,0.063W	4	
	JS3121,22	D0YAR0000007	M 0.0 OHM, J,0.063W	2	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	JS4007-10	D0YAR0000007	M 0.0 OHM, J,0.063W	4	
	JS7001	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	L2309	G1C330MA0291	INDUCTION COIL	1	TC-32LX85
	L2309	G1C680MA0291	INDUCTION COIL	1	PAVCA TC-26LX85
	L2313	G1C330MA0291	INDUCTION COIL	1	TC-32LX85
	L2313	G1C680MA0291	INDUCTION COIL	1	PAVCA TC-26LX85
	L2331	G1C330MA0291	INDUCTION COIL	1	TC-32LX85
	L2331	G1C680MA0291	INDUCTION COIL	1	PAVCA TC-26LX85
	L2335	G1C330MA0291	INDUCTION COIL	1	TC-32LX85
	L2335	G1C680MA0291	INDUCTION COIL	1	PAVCA TC-26LX85
	L4000	J0JHC0000078	CHIP INDUCTOR	1	
	L4001-13	J0JHC0000045	CHIP INDUCTOR	13	
	L4014	J0JHC0000078	CHIP INDUCTOR	1	
	L4301	J0JHC0000078	CHIP INDUCTOR	1	
	L4312	G1C100KA0008	INDUCTION COIL	1	
	L4313	J0JHC0000078	CHIP INDUCTOR	1	
	L4500-07	J0JHC0000078	CHIP INDUCTOR	8	
	L4508,09	J0JHC0000045	CHIP INDUCTOR	2	
	L4600	J0JHC0000078	CHIP INDUCTOR	1	
	L4602	J0JHC0000078	CHIP INDUCTOR	1	
	L4604,05	J0JHC0000078	CHIP INDUCTOR	2	
	L4701	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	L4702-04	J0JHC0000078	CHIP INDUCTOR	3	
	L5600,01	G1C2R2Z00007	INDUCTION COIL	2	
	L5602	G1C4R7Z00014	INDUCTION COIL	1	
	L5604	G1C100MA0203	INDUCTION COIL	1	
	L5605	J0JCC0000241	CHIP INDUCTOR	1	
	L5606	G1C100MA0077	INDUCTION COIL	1	
	L7006	G1C100MA0203	INDUCTION COIL	1	
	L7007	G1C6R3ZA0156	INDUCTION COIL	1	PAVCA
	L7026	G0A680GA0002	INDUCTION COIL	1	
	L7039	G0C101K00023	INDUCTION COIL	1	
	L7041	G0A100GA0013	CHOKE COIL	1	
	L7042,43	EXCELDR35C	BEAD CHOKE	2	
	L7045	EXCELDR35C	BEAD CHOKE	1	
	L8001-05	J0JHC0000045	CHIP INDUCTOR	5	
	L8006	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	L8007-10	J0JHC0000045	CHIP INDUCTOR	4	
	L8301-03	J0JHC0000045	CHIP INDUCTOR	3	
	L8304,05	G1CR22JA0020	INDUCTION COIL	2	
	L8306	G1CR39JA0020	INDUCTION COIL	1	PAVCA
	L8307-10	J0JHC0000045	CHIP INDUCTOR	4	
	L8311,12	G1CR39JA0020	INDUCTION COIL	2	PAVCA
	L8500	J0JCC0000241	CHIP INDUCTOR	1	
⚠	LF7001,02	ELF21V023S	LINE FILTER	2	PAVCA
	P1	K1KA02B00295	2P CONNECTOR	1	PAVCA
	P3	K1KA23A00005	23P CONNECTOR	1	
	P7	K1KA09BA0055	9P CONNECTOR	1	
	PA7001	B1ZAZ0000016	TRANSISTOR	1	
⚠	PC7000	CNC1S171R	IC	1	
⚠	PC7100	CNC1S171R	IC	1	
	Q1006	2SD0601ARL	TRANSISTOR	1	
	Q2101-03	2SD0601ARL	TRANSISTOR	3	
	Q2104,05	2SB0709ARL	TRANSISTOR	2	
	Q2106	2SD0601ARL	TRANSISTOR	1	
	Q2201,02	2SD0601ARL	TRANSISTOR	2	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	Q2203	B1ADCE000022	TRANSISTOR	1	
	Q2350	2SD0601ARL	TRANSISTOR	1	
	Q4000	2SB0709ARL	TRANSISTOR	1	
	Q4003-05	2SD0601ARL	TRANSISTOR	3	
	Q4007	2SD0601ARL	TRANSISTOR	1	
	Q4302	2SD0601ARL	TRANSISTOR	1	
	Q4303	B1ADCE000022	TRANSISTOR	1	
	Q4304	2SD0601ARL	TRANSISTOR	1	
	Q4305	2SC39380QL	TRANSISTOR	1	
	Q4306	2SD0601ARL	TRANSISTOR	1	
	Q4307	2SC39380QL	TRANSISTOR	1	
	Q4502,03	2SD0601ARL	TRANSISTOR	2	
	Q4602	2SD0601ARL	TRANSISTOR	1	
	Q4606-08	2SD0601ARL	TRANSISTOR	3	
	Q5600	B1MBEDA00015	FET	1	
	Q5601,02	B1MBDDA00003	FET	2	
	Q5603,04	2SD0601ARL	TRANSISTOR	2	
	Q7000	2SB0709ARL	TRANSISTOR	1	
	Q7001	2SD0601ARL	TRANSISTOR	1	
	Q7009	2SD0601ARL	TRANSISTOR	1	
	Q7022	2SB0709ARL	TRANSISTOR	1	
	Q7027	2SB0709ARL	TRANSISTOR	1	
	Q7028	2SD0601ARL	TRANSISTOR	1	
	Q7054	2SD0601ARL	TRANSISTOR	1	
	Q7055,56	2SB0709ARL	TRANSISTOR	2	
	Q7057,58	2SD0601ARL	TRANSISTOR	2	
	Q7100,01	B1CERM000018	FET	2	PAVCA
	Q8300	B1ADCE000022	TRANSISTOR	1	
	R1008	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
	R1010	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
	R1022	D1BB60400001	M 604 OHM, 1/10W	1	
	R1028	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
	R1029	D0GB102JA041	M 1KOHM,J,1/16W	1	
	R2101	ERJ2GED563X	M 56KOHM ,J,0.063W	1	
	R2102	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R2103	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R2104,05	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R2106	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R2107	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R2108,09	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
	R2110	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
	R2146	ERJ2GEJ105	M 1MOHM, J,0.063W	1	
	R2201,02	ERJ2GEJ182	M 1.8KOHM, J,0.063W	2	
	R2203	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
	R2204	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R2205	ERJ2GEJ274	M 270KOHM, J,0.063W	1	
	R2206	ERJ2GEJ105	M 1MOHM, J,0.063W	1	
	R2207-10	ERJ2GEJ101	M 100 OHM, J,0.063W	4	
	R2211,12	ERJ2GEJ184	M 180KOHM, J,0.063W	2	
	R2251	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
	R2252	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R2302	D1BB6192A055	M61.9KOHM, 1/10W	1	PAVCA
	R2303,04	ERJ3EKF2212	M22.1KOHM, 1/10W	2	
	R2350,51	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R2352	ERJ2GEJ473	M 47KOHM, J,0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R2640	ERJ2GEJ912	M 9.1KOHM, J,0.063W	1	
	R2641,42	ERJ2RHD682X	M 22KOHM, J, 2W	2	
	R3001-03	ERJ6RED750	M 75 OHM, 1/10W	3	
	R3004,05	ERJ2GEJ184	M 180KOHM, J,0.063W	2	
	R3006-08	ERJ6RED750	M 75 OHM, 1/10W	3	
	R3009,10	ERJ2GEJ184	M 180KOHM, J,0.063W	2	
	R3011,12	D0YAR0000007	M 0.0 OHM, J,0.063W	2	
	R3013	ERJ6RED750	M 75 OHM, 1/10W	1	
	R3014,15	ERJ2GEJ184	M 180KOHM, J,0.063W	2	
	R3019	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R4000	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R4001	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4002	ERJ2GED563X	M 56KOHM ,J,0.063W	1	
	R4004	ERJ2GED563X	M 56KOHM ,J,0.063W	1	
	R4006	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4007	ERJ2GEJ561	M 60 OHM, J,0.063W	1	
	R4008	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
	R4009	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
	R4010	ERJ2GEJ474	M 470KOHM, J,0.063W	1	
	R4011	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R4012	ERJ2GEJ474	M 470KOHM, J,0.063W	1	
	R4013	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4014	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R4021-24	D1BB1802A055	M 18KOHM, 1/10W	4	PAVCA
	R4025	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4027	D1BB5102A055	M 51KOHM, 1/10W	1	
	R4030	D1BB1001A055	M 1KOHM, 1/16W	1	
	R4031	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R4032	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4033	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R4034	D1BB5102A055	M 51KOHM, 1/10W	1	
	R4035,36	D1BB2202A055	M 22KOHM, 1/10W	2	PAVCA
	R4037	ERJ2RKF20R0X	M 20 OHM, , 0.063W	1	PAVCA
	R4038	ERJ3EKF57R6V	M 57.6OHM, 1/16W	1	PAVCA
	R4039	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R4040	D1BB1002A055	M 10KOHM, 1/10W	1	
	R4041-46	ERJ2RKF20R0X	M 20 OHM, , 0.063W	6	PAVCA
	R4047	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
	R4048	ERJ2RKF20R0X	M 20 OHM, , 0.063W	1	PAVCA
	R4049	D1BB1002A055	M 10KOHM, 1/10W	1	
	R4050-52	ERJ3EKF57R6V	M 57.6OHM, 1/16W	3	PAVCA
	R4053,54	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R4055	D1BB7151A055	M7.15KOHM, 1/10W	1	
	R4056	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
	R4057	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
	R4058	ERJ2GEJ473	M 47KOHM, J,0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R4059	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
	R4060	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
	R4061	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
	R4062	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
	R4064	ERJ2RKF2490X	M 249 OHM, 0.063W	1	PAVCA
	R4065	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
	R4066	ERJ2GEJ750	M 75 OHM, J,0.063W	1	
	R4067-72	ERJ2GEJ220	M 22 OHM, J,0.063W	6	
	R4073	EXB28V680JX	RESISTOR ARRAY	1	
	R4074	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
	R4075	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4076	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
	R4077	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4078	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
	R4079	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4080	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
	R4081	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4082	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
	R4083	EXB2HV473JV	RESISTOR ARRAY	1	
	R4084	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
	R4085	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
	R4088	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R4091,92	ERJ2GEJ473	M 47KOHM, J,0.063W	2	
	R4093-95	ERJ2GEJ220	M 22 OHM, J,0.063W	3	
	R4098-01	ERJ2GEJ473	M 47KOHM, J,0.063W	4	
	R4102	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4103-07	ERJ2GEJ473	M 47KOHM, J,0.063W	5	
	R4108	EXB2HV473JV	RESISTOR ARRAY	1	
	R4110	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4112	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4113-16	ERJ2GEJ680	M 68 OHM, J,0.063W	4	
	R4117	EXB2HV680J	RESISTOR ARRAY	1	
	R4118-21	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
	R4122,23	EXB2HV680J	RESISTOR ARRAY	2	
	R4124	EXB2HV220JV	RESISTOR ARRAY	1	
	R4125,26	ERJ2GEJ473	M 47KOHM, J,0.063W	2	
	R4128-30	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
	R4131	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
	R4132	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4133	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4134,35	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
	R4136	ERJ2GEJ562	M 5.6KOHM, J,0.063W	1	
	R4137	ERJ2GEJ103	M 10KOHM, J,0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R4138	ERJ2GEJ562	M 5.6KOHM, J,0.063W	1	
	R4139,40	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R4143,44	D1BB1802A055	M 18KOHM, 1/10W	2	PAVCA
	R4145	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
	R4148	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
	R4149	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4150	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
	R4151	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
	R4152	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
	R4153,54	D1BB8201A055	M 8.2KOHM, 1/10W	2	PAVCA
	R4155	ERJ2GED563X	M 56KOHM ,J,0.063W	1	
	R4156	D1BB8201A055	M 8.2KOHM, 1/10W	1	PAVCA
	R4157	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
	R4159	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
	R4160	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4162	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4167-69	D1BB8201A055	M 8.2KOHM, 1/10W	3	PAVCA
	R4305	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4326	ERJ2GEJ100	M 10 OHM, J,0.063W	1	
	R4345	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4346	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
	R4347	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4348	ERJ2GEJ302	M 3KOHM, J,0.063W	1	
	R4349,50	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
	R4354-59	ERJ2GEJ103	M 10KOHM, J,0.063W	6	
	R4360	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
	R4361-63	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
	R4364	ERJ6ENF5111	M5.11KOHM, 1/10W	1	
	R4365	ERJ6ENF6041	M6.04KOHM, 1/10W	1	
	R4366	ERJ2RKF3001	M 3KOHM, 0.063W	1	
	R4367	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
	R4368	ERJ2RKF3901	M 3.9KOHM, 0.063W	1	
	R4500,01	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R4502,03	ERJ2RKD330	M 33 OHM, J,0.063W	2	
	R4504,05	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
	R4528	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4529	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
	R4530	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4531	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
	R4532,33	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R4535,36	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
	R4538	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4539	ERJ2GEJ680	M 68 OHM, J,0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R4540	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4541-43	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
	R4552	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
	R4561	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4564,65	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
	R4567	D1BB4641A055	M4.64KOHM, 1/10W	1	PAVCA
	R4570	D1BB3832A055	M38.3KOHM, 1/10W	1	PAVCA
	R4571	D1BB2202A055	M 22KOHM, 1/10W	1	PAVCA
	R4572	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
	R4600	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4602	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
	R4620-23	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
	R4628	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4629	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
	R4632	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4635	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
	R4638	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4639	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R4640,41	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
	R4642	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R4702	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	R4703	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R4704,05	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
	R4707	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4708	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
	R4709	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R4710	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
	R4711-16	D0YAR0000007	M 0.0 OHM, J,0.063W	6	
	R5058	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5069	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5137,38	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R5600	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R5601	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	R5602,03	D0YAR0000007	M 0.0 OHM, J,0.063W	2	
	R5604	D1BB4702A055	M 47KOHM, 1/10W	1	
	R5605	D1BB1272A055	M12.7KOHM, 1/10W	1	
	R5606,07	D0YAR0000007	M 0.0 OHM, J,0.063W	2	
	R5610	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R5611	D1BB4702A055	M 47KOHM, 1/10W	1	
	R5612	D1BB3602A055	M 36KOHM, 1/10W	1	
	R5614	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
	R5616	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
	R5620	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R5621	D1BB2802A055	M 28KOHM, 1/10W	1	
	R5622	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R5623	D1BB4702A055	M 47KOHM, 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R5625-28	D0YAR0000007	M 0.0 OHM, J,0.063W	4	
	R5629	D1BB2802A055	M 28KOHM, 1/10W	1	
	R5630	D1BB4752A055	M47.5KOHM, 1/10W	1	
	R5631	D1BB3602A055	M 36KOHM, 1/10W	1	
	R5632	D1BB3002A055	M 30KOHM, 1/10W	1	
	R5633	D1BB3602A055	M 36KOHM, 1/10W	1	
	R5634	D1BB2802A055	M 28KOHM, 1/10W	1	
	R5635	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
	R5636	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
	R5637	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
	R5638	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5641	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R5644	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
	R5646	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5647	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R5747	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R5748	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
	R5749	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R5762	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
⚠	R7000	D0XB825JA014	RESISTOR ARRAY	1	PAVCA
⚠	R7001	ERC12ZGK105	S 1MOHM, K,1/2W	1	
	R7002	ERF2AJ100P	W 10 OHM, J, 2W	1	
	R7003	ERJ6GEYJ2R7	M 2.7 OHM,J,1/ 10W	1	
	R7004,05	ERJ6GEYG104	M 100KOHM,J,1/ 10W	2	
	R7006	D0GD4R7JA059	M 4.7 OHM,J,0.25W	1	PAVCA
	R7007	ERJ6GEYG222	M 2.2KOHM,J,1/ 10W	1	
	R7008	ERJ6GEYG102	M 1KOHM,J,1/10W	1	
	R7009	ERJ6GEYG332	M 3.3KOHM,J,1/ 10W	1	
	R7010	ERJ6GEYG330	M 33 OHM,J,1/10W	1	
	R7011,12	ERJ6ENF6801	M 6.8KOHM, 1/10W	2	
	R7029	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R7035	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R7037	ERJ3EKF1302	M 13KOHM, 1/16W	1	
	R7038	ERJ3EKF1002	M 10KOHM, 1/16W	1	
	R7039	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R7040	D1BB3832A055	M38.3KOHM, 1/10W	1	PAVCA
	R7041	D1BB2202A055	M 22KOHM, 1/10W	1	PAVCA
	R7042	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R7043	ERJ6GEYG104	M 100KOHM,J,1/ 10W	1	
	R7048	ERJ6GEYG102	M 1KOHM,J,1/10W	1	
	R7049	ERJ6GEYG122	M 1.2KOHM,J,1/ 10W	1	
	R7050	ERJ6GEYF333	M 33KOHM,J,1/10W	1	
	R7053	ERJ6ENF1052	M10.5KOHM, 1/10W	1	
	R7054	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
	R7061	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
	R7062	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R7069	ERJ6ENF3742	M37.4KOHM, 1/10W	1	
	R7070	D1BD1002A044	M10.0KOHM, 1/10W	1	PAVCA
	R7091	ERJ12YJ102	M 1KOHM,J, 1/2W	1	
	R7098,99	ERJ6GEYF472	M 4.7KOHM,J,1/ 10W	2	
	R7100	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
	R7101	ERJ6GEYG222	M 2.2KOHM,J,1/ 10W	1	
	R7102	ERJ6GEYG102	M 1KOHM,J,1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R7103,04	ERJ6GEYF473	M 47KOHM,J,1/10W	2	
	R7105	ERJ14YJ222	M 22KOHM, J,1/4W	1	
	R7108,09	ERJ6GEYJ224	M 220KOHM,J,1/ 10W	2	
	R7110	D1BD1002A044	M10.0KOHM, 1/10W	1	PAVCA
	R7111	ERJ6ENF6342	M6.34KOHM, 1/10W	1	
	R7112	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
	R7113	ERG2SJ563P	M 56KOHM, J, 2W	1	PAVCA
	R7114	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R7115	ERJ6GEYF123	M 12KOHM,J,1/10W	1	
	R7116	ERJ12YJ2R2	M 2.2 OHM, J,1/ 2W	1	
	R7117	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
	R7118	ERX12SJ8R2V	M 8.2 OHM, J,1/ 2W	1	PAVCA
	R7119	ERJ6GEYG102	M 1KOHM,J,1/10W	1	
	R7120	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
	R7121	ERJ6GEYF333	M 33KOHM,J,1/10W	1	
	R7122	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
	R7123	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
	R7124	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R7125	ERJ6GEYJ224	M 220KOHM,J,1/ 10W	1	
	R7126	ERJ6ENF7151	M7.15KOHM, 1/10W	1	
	R7127	ERJ6ENF3742	M37.4KOHM, 1/10W	1	
	R7128	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R7129	ERJ6GEYG104	M 100KOHM,J,1/ 10W	1	
	R7130	ERJ6GEYG221	M 220 OHM,J,1/ 10W	1	
	R7131	ERJ6GEYG102	M 1KOHM,J,1/10W	1	
	R7132	ERJ6ENF6802	M 68KOHM, 1/10W	1	
	R7133,34	D0GDR00Z0002	M 0 OHM, 1/10W	2	
	R7135	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R7136	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R7137	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
	R7138	ERJ6GEYG153	M 15KOHM,J,1/10W	1	
	R7139	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R7140	ERJ6GEYG104	M 100KOHM,J,1/ 10W	1	
	R7143	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R7145	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
	R7146	ERJ6ENF3902	M 39KOHM,J,1/10W	1	
	R7147	ERJ6GEYG221	M 220 OHM,J,1/ 10W	1	
	R7152	ERJ12YJ471	M 470OHM,J, 1/2W	1	
	R7153	ERJ6ENF3902	M 39KOHM,J,1/10W	1	
	R7154	ERJ6GEYG683	M 68KOHM,J,1/10W	1	
	R7155	ERJ6ENF1001	M 1KOHM, 1/10W	1	
	R7156	ERJ6ENF8661	M8.66KOHM, 1/10W	1	
	R7157	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R7161,62	ERJ6GEYF473	M 47KOHM,J,1/10W	2	
	R7163	D0GD103JA036	M 10KOHM,J,0.25W	1	
	R7164-67	ERJ6GEYF472	M 4.7KOHM,J,1/ 10W	4	
	R7168,69	ERJ6GEYG102	M 1KOHM,J,1/10W	2	
	R7170	ERJ12YJ2R2	M 2.2 OHM, J,1/ 2W	1	
	R7171,72	ERJ12YJ100	M 10 OHM,J, 1/2W	2	
	R8001	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
	R8002	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
	R8004	D1BB2402A055	M 24KOHM, 1/10W	1	
	R8005	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8006	ERJ2RHD682X	M 22KOHM, J, 2W	1	
	R8023-29	D0YAR0000007	M 0.0 OHM, J,0.063W	7	
	R8030	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R8031,32	D1BB2700A055	M 270 OHM, 1/10W	2	
	R8035	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
	R8039	D0YAR0000007	M 0.0 OHM, J,0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R8056-73	ERJ2GEJ470	M 47 OHM, J,0.063W	18	
	R8074	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
	R8075-78	ERJ2GEJ470	M 47 OHM, J,0.063W	4	
	R8079,80	D0YAR0000007	M 0.0 OHM, J,0.063W	2	
	R8081	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8082	D1BA75R0A014	M0.75KOHM, 1/10W	1	
	R8083	ERJ2GEJ301	M 300 OHM, J,0.063W	1	
	R8086	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
	R8087	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8090	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8091	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
	R8093	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
	R8094	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8097	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
	R8098,99	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R8100	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
	R8101	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8106	ERJ2GEJ202	M 2KOHM, J,0.063W	1	
	R8107	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R8108	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
	R8110	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8115,16	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
	R8300	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
	R8302,03	ERJ2GEJ470	M 47 OHM, J,0.063W	2	
	R8304	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
	R8305,06	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
	R8307,08	ERJ2GEJ222	M 2.2KOHM, J,0.063W	2	
	R8309	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
	R8311	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
	R8313	ERJ6GEYG102	M 1KOHM,J,1/10W	1	
	R8314	D1BB1202A055	M 12KOHM, 1/10W	1	PAVCA
	R8315	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
	R8316,17	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R8318-20	ERJ2GEJ220	M 22 OHM, J,0.063W	3	
	R8321	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8323	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
	R8324-27	ERJ2GEJ470	M 47 OHM, J,0.063W	4	
	R8331	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
	R8333,34	ERJ2GEJ473	M 47KOHM, J,0.063W	2	
	R8336	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R8337	D0GDR00Z0002	M 0 OHM, 1/10W	1	
	R8504	ERJ2GEJ103	M 10KOHM, J,0.063W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	R8505-07	D1HG5608A002	NETWORK RESISTER	3	
	R8508	EXB2HV473JV	RESISTOR ARRAY	1	
	R8509,10	D1HG5608A002	NETWORK RESISTER	2	
	R8512	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8517	ERJ2RKD330	M 33 OHM, J,0.063W	1	
	R8519,20	ERJ2RKD330	M 33 OHM, J,0.063W	2	
	R8528-30	ERJ2GEJ560	M 56 OHM, J,0.063W	3	
	R8532	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
	R8540-45	ERJ2GEJ220	M 22 OHM, J,0.063W	6	
	R8546-48	ERJ2GEJ332	M 3.3KOHM, J,0.063W	3	
	R8550	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
	R8552,53	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
	R8554,55	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
	R8556	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8557,58	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
	R8559	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
	R8566	D1HG1038A002	NETWORK RESISTER	1	
	R8571	ERJ2RKD330	M 33 OHM, J,0.063W	1	
	R8572	EXB28V330J	RESISTOR ARRAY	1	
	R8573	EXB28V680JX	RESISTOR ARRAY	1	
	R8574	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
	R8575	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
	R8586,87	ERJ2GEJ560	M 56 OHM, J,0.063W	2	
	R8589	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R8593	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R8597-01	ERJ2GEJ473	M 47KOHM, J,0.063W	5	
	R8602	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
	R8604	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8661	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8663	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8721-23	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
	R8725,26	ERJ2GEJ473	M 47KOHM, J,0.063W	2	
	R8730	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
	R8731-33	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
	R8734	ERJ2RKD330	M 33 OHM, J,0.063W	1	
	R8735-37	ERJ2GEJ331	M 330 OHM, J,0.063W	3	
	R8765	D1BB75R0A055	M 75 OHM, 1/10W	1	PAVCA
	R8767	D1BB75R0A055	M 75 OHM, 1/10W	1	PAVCA
	R8769	ERJ2RKD330	M 33 OHM, J,0.063W	1	
	R8770	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
	R8772,73	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
	R8844	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
	R8866	D1BB91R0A055	M 91 OHM, 1/10W	1	PAVCA
⚠	RL7005	K6B1ADA00010	RELAY	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	RM1001	PNA4701M07TV	REMOCON RECEIVER	1	
⚠		TNPH0719S	CIRCUIT BOARD A	1	PAVCA TC-32LX85
⚠		TNPH0719ABS	CIRCUIT BOARD A	1	PAVCA TC-26LX85
⚠		TXN/P10NGCS	CIRCUIT BOARD P	1	PAVCA
⚠		TNPA4483S	CIRCUIT BOARD V	1	PAVCA
⚠	T7001	ETS15AB136AH	SWITCHING TRANS-FORMER	1	
⚠	T7002	G4DYA0000132	SWITCHING TRANS	1	PAVCA