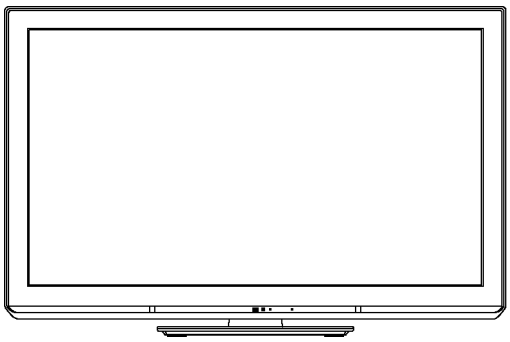
ORDER NO.PCZ1102002CE

Service Manual

Plasma Television



Model No. TX-P42C3E
TX-P42CX3E
TX-P42C3J
TX-PR42C3

GPF14D-E 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.

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, Circuit Board 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.

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1 Safety Precautions

1.1. 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 Fasten 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.

1.2. Touch-Current Check

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a measuring network for touch currents 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 Leakage Current Tester (Simpson 228 or equivalent) to measure the potential across the measuring network.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reserve the AC plug in the AC outlet and repeat each of the above measure.
6. The potential at any point (TOUCH CURRENT) expressed as voltage U_1 and U_2, does not exceed the following values:

   For a. c.: U_1 = 35 V (peak) and U_2 = 0.35 V (peak);

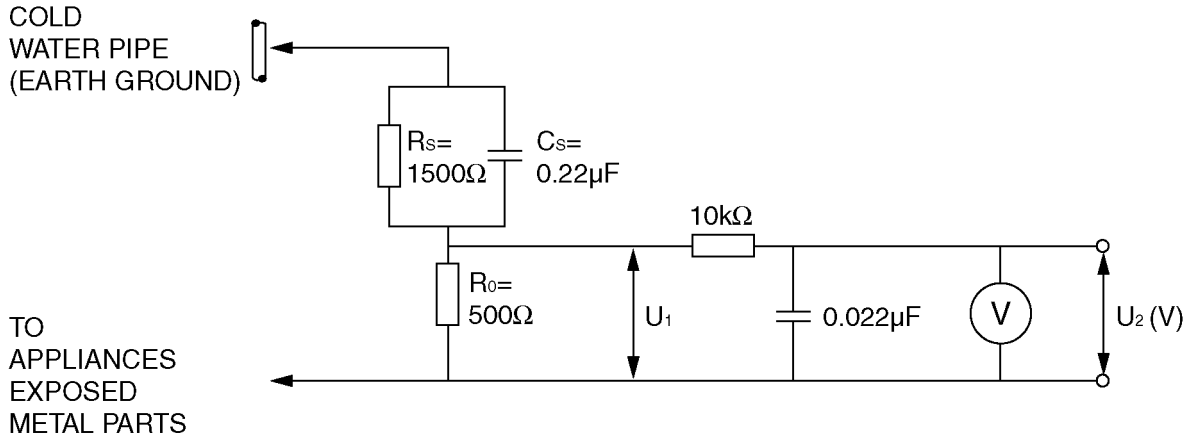
   For d. c.: U_1 = 1.0 V,

   Note:

   The limit value of U_2 = 0.35 V (peak) for a. c. and U_1 = 1.0 V for d. c. correspond to the values 0.7 mA (peak) a. c. and 2.0 mA d. c.

   The limit value U_1 = 35 V (peak) for a. c. correspond to the value 70 mA (peak) a. c. for frequencies greater than 100 kHz.
7. In case a measurement is out 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.

Measuring network for TOUCH CURRENTS



Resistance values in ohms (Ω)

V: Voltmeter or oscilloscope
(r.m.s. or peak reading)

Input resistance: ≥ 1 MΩ
Input capacitance: ≤ 200 pF
Frequency range: 15 Hz to 1 MHz and d.c. respectively

NOTE - Appropriate measures should be taken to obtain the correct value in case of non-sinusoidal waveforms.

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).

2.2. About lead free solder (PbF)

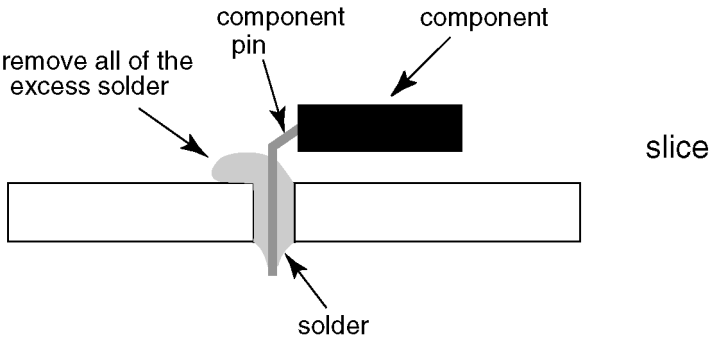
Note: Lead is listed as (Pb) in the periodic table of elements.
In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.
The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).
That is Tin (Sn), Silver (Ag) and Copper (Cu) although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

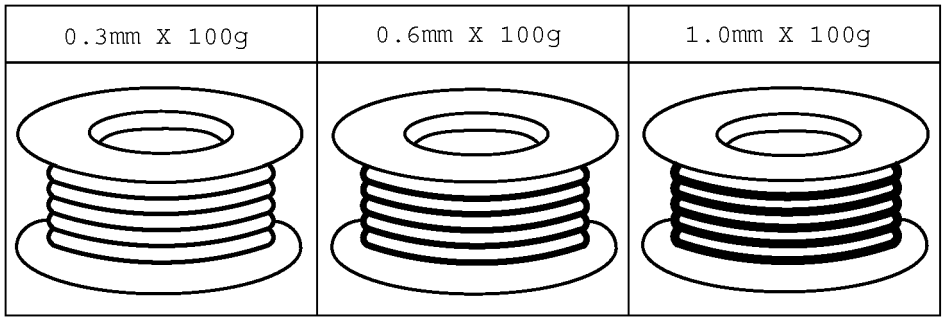
Caution

- 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

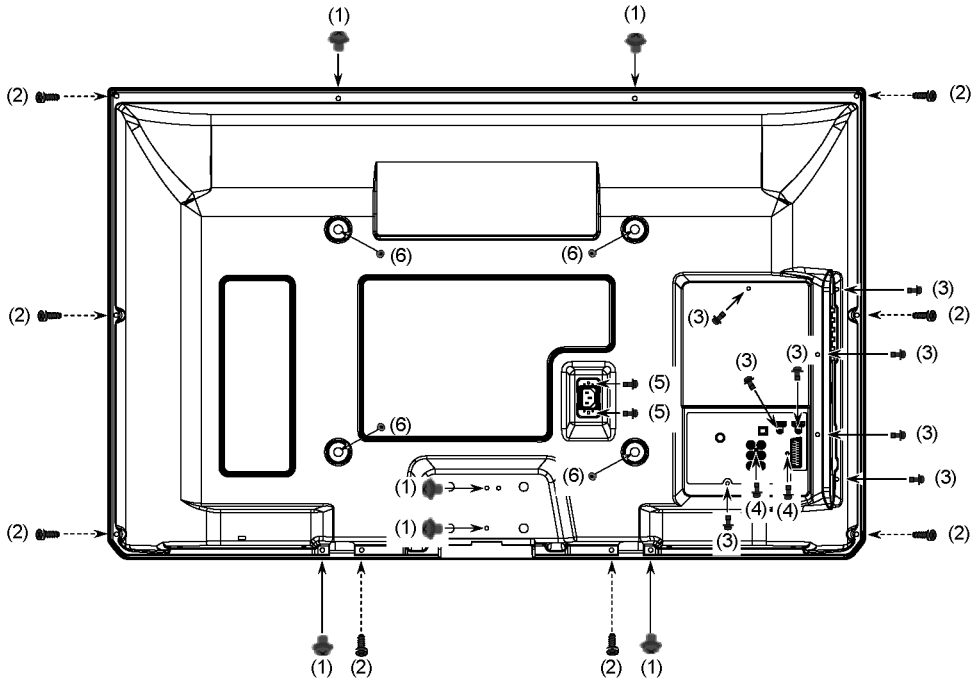
There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.



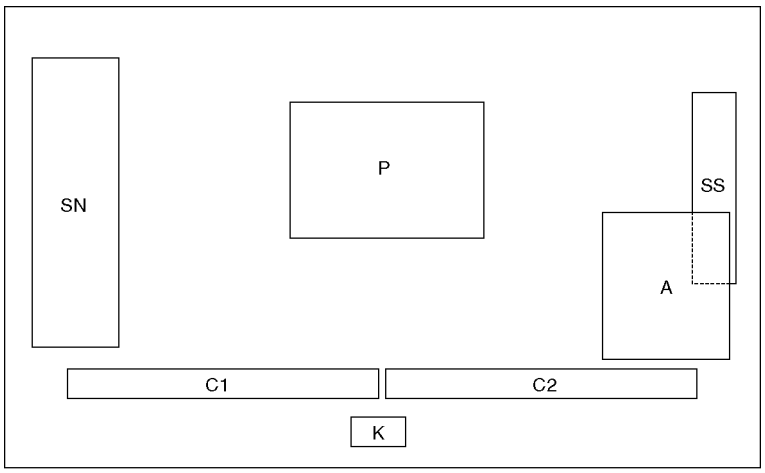
3 Service Navigation

3.1. PCB Layout

Remove the Rear cover



Remove:
6screws (1) THEL052Z
8screws (2) XTB4+12GFJK
8screws (3) THEJ0409
2screws (4) XTV3+10JFJK
2screws (5) XYN3+F10FJK
4screws (6) TKKL5493



Board Name	Function	Board Name	Function
P	Power Supply Non serviceable P-Board should be exchange for service	C1	Data Driver (Lower Right)
		C2	Data Driver (Lower Left)
		SN	Scan Drive
A	Main AV input, processing	SS	Sustain Drive
K	Remote receiver, Power LED, C.A.T.S. sensor		

3.2. Applicable signals

COMPONENT (Y, P_B, P_R), HDMI

* Mark: Applicable input signal

Signal name	COMPONENT	HDMI
525 (480) / 60i, 60p	*	*
625 (576) / 50i, 50p	*	*
750 (720) / 60p, 50p	*	*
1,125 (1,080) / 60i, 50i	*	*
1,125 (1,080) / 60p, 50p, 24p		*

PC (from HDMI terminal)

Applicable input signal for PC is basically compatible to HDMI standard timing.

Signal name	Horizontal frequency (kHz)	Vertical frequency (Hz)
640 × 480 @60 Hz	31.47	60.00
750 (720) / 60p	45.00	60.00
1,125 (1,080) / 60p	67.50	60.00

Note

- Signals other than above may not be displayed properly.
- The above signals are reformatted for optimal viewing on your display.
- PC signal is magnified or compressed for display, so that it may not be possible to show fine detail with sufficient clarity.

4 Specifications

Power Source	AC 220-240 V, 50 / 60 Hz	
Power Consumption		
Rated Power Consumption	150 W (E/J), 195 W (R)	
On mode Average Power Consumption (E/J)	92 W (based on IEC 62087 Ed.2 measurement method)	
Standby Power Consumption	0.40 W 15.00 W (With monitor out recording)	
Display panel		
Aspect Ratio	16:9	
Visible screen size	106 cm (diagonal) 921 mm (W) × 518 mm (H)	
Number of pixels	786,432 (1,024 (W) × 768 (H)) [3,072 × 768 dots]	
Sound		
Speaker	(160 mm × 40 mm) × 2, 6 Ω	
Audio Output	20 W (10 W + 10 W)	
Headphones	M3 (3.5 mm) stereo mini Jack × 1	
Receiving Systems / Band name (E/J)	**PAL B, G, H, I, SECAM B, G, SECAM L, L'**	
	VHF E2 - E12	VHF H1 - H2 (ITALY)
	VHF A - H (ITALY)	UHF E21 - E69
	CATV (S01 - S05)	CATV S1 - S10 (M1 - M10)
	CATV S11 - S20 (U1 - U10)	CATV S21 - S41 (Hyperband)
	PAL D, K, SECAM D, K	
	VHF R1 - R2	VHF R3 - R5
	VHF R6 - R12	UHF E21 - E69
	PAL 525/60	Playback of NTSC tape from some PAL Video recorders (VCR)
	M.NTSC	Playback from M. NTSC Video recorders (VCR)
	NTSC (AV input only)	Playback from NTSC Video recorders (VCR)
	DVB-T	Digital terrestrial services (MPEG2 and MPEG4-AVC(H.264))
	DVB-C	Digital cable services (MPEG2 and MPEG4-AVC(H.264))
	• Check the latest information on the available services at the following website. (English only) http://panasonic.jp/support/global/cs/tv/	
Receiving Systems / Band name (R)	**PAL D, K, SECAM D, K**	
	VHF R1 - R2	VHF R3 - R5
	VHF R6 - R12	UHF E21 - E69
	PAL 525/60	Playback of NTSC tape from some PAL Video recorders (VCR)
	M.NTSC	Playback from M. NTSC Video recorders (VCR)
	NTSC (AV input only)	Playback from NTSC Video recorders (VCR)
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	DVB-C	Digital cable services (MPEG2 and MPEG4-AVC(H.264))
	• Check the latest information on the available services at the following website. (English only) http://panasonic.jp/support/global/cs/tv/	
Aerial input	VHF / UHF	
Operating Conditions		
	Temperature:	0 °C- 35 °C
	Humidity:	20 % - 80 % RH (non-condensing)
Connection Terminals		
AV1 (SCART)	21 Pin terminal (Audio/Video in, Audio/Video out, RGB in, Q-Link)	
AV2 input	VIDEO:	RCA PIN Type × 1 1.0 V [p-p] (75 Ω)
	AUDIO L-R:	RCA PIN Type × 2 0.5 V [rms]
COMPONENT input	Y:	1.0 V [p-p] (including synchronization)
	P_B, P_R:	±0.35 V [p-p]
HDMI 1 / 2 input	TYPE A Connectors	
	HDMI1 :	HDMI (Version 1.3 with Deep Colour, x.v.Colour™)
	HDMI2 :	HDMI (Version 1.4 with Audio Return Channel), Deep Colour, x.v.Colour™
	• This TV supports [HDAVI Control 5] function.	
Card slot	SD CARD slot × 1 Common Interface slot × 1	
DIGITAL AUDIO OUT	PCM / Dolby Digital / DTS, Fiber optic	
Dimensions (W × H × D)	1,023 mm × 671 mm × 288 mm (With Pedestal) 1,023 mm × 637 mm × 93 mm (TV only)	
Mass	26.5 kg Net (With Pedestal) 23.5 kg Net (TV only)	

Note

- Design and Specifications are subject to change without notice. Mass and Dimensions shown are approximate.
- This equipment complies with the EMC standards listed below.
  EN55013, EN61000-3-2, EN61000-3-3, EN55020

5 Technical Descriptions

5.1. Specification of KEY for CI Plus, DTCP-IP and One-to-One

5.1.1. General information:

1. EEPROM (IC8902) for spare parts has the seed of KEY for each.
2. The final KEY data will be generated by Peaks IC (IC8000) when SELF CHECK was done and are stored in both Peaks IC (IC8000) and EEPROM (IC8902).
   Three KEY are not generated for all models.
   The necessary KEY are only generated and stored depend on the feature of models.

5.1.2. Replacement of ICs:

When Peaks IC (IC8000) is replaced, EEPROM (IC8902) should be also replaced with new one the same time.
When EEPROM (IC8902) is replaced, Peaks IC (IC8000) is not necessary to be replaced the same time.
After the replacement of IC, SELF CHECK should be done to generate the final KEY data.
How to SELF CHECK: While pressing [VOLUME (-)] button on the main unit, press [MENU] button on the remote control for more than 3 seconds.
TV will be forced to the factory shipment setting after this SELF CHECK.

5.1.3. Model and Keys:

Model No.	Keys		
	One-to-One (For USB Rec.)	CI Plus	DTCP-IP
TX-P42C3E	None	Yes	None
TX-P42CX3E	None	Yes	None
TX-P42C3J	None	Yes	None
TX-PR42C3	None	None	None

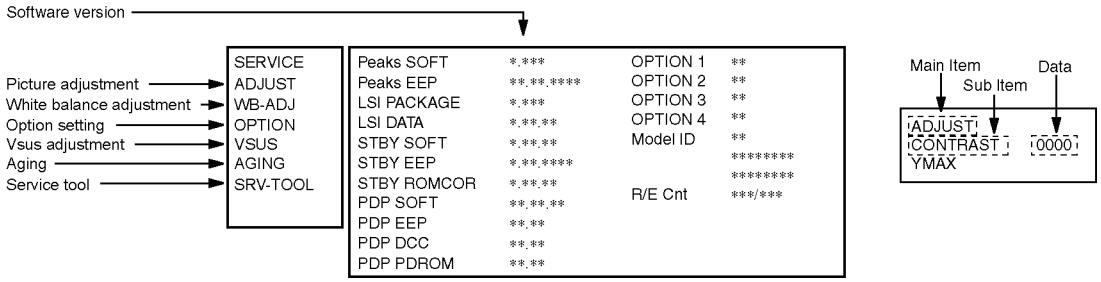
6 Service Mode

6.1. How to enter into Service Mode

6.1.1. Purpose

After exchange parts, check and adjust the contents of adjustment mode.

While pressing [VOLUME (-)] button of the main unit, press [0] button of the remote control three times within 2 seconds.



6.1.2. 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
[RED] button...All Sub items Selection in forward direction
[GREEN] button...All Sub items Selection in reverse direction
[VOL] button...Value of sub items change in forward direction (+), in reverse direction (-)

6.1.3. How to exit

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

6.1.4. 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	1EE	
	COLOR	36	
	TINT	00	
	SUB-BRT	800	
	H-POS	0	
	H-AMP	0	
	V-POS	0	
	V-AMP	0	
WB-ADJ	R-CUT	80	
	G-CUT	80	
	B-CUT	80	
	R-DRV	FF	
	G-DRV	E9	
	B-DRV	91	
	ALL-CUT	80	
	ALL-DRV	FF	
OPTION	Panel-Type	42HD	Factory Preset
	Boot	ROM	
	STBY-SET	00	
	EMERGENCY	ON	
	Y/C Delay	0	
	OPT 1	*1	
	OPT 2	11101110	
	OPT 3	00000001	
	OPT 4	*2	
	EDID-CLK	MID	
	MIRROR	00 (See Option-Mirror)	
	AMR-SELECT	OFF	
VSUS		LOW	See Vsus selection
AGING	ALL WHITE		Built-in test patterns can be displayed.
	ALL BLUE WITH WHITE OUTSIDE FRAME		
	ALL GREEN		
	ALL RED		
	LOW STEP WHITE		
	LOW STEP BLUE		
	LOW STEP GREEN		
	LOW STEP RED		
	WHITE DIAGONAL STRIPE		
	RED DIAGONAL STRIPE		
	GREEN DIAGONAL STRIPE		
	BLUE DIAGONAL STRIPE		
	A-ZONE & B-ZONE		
	1% WINDOW		
	COLOR BAR		
	9 POINTS BRIGHT MEASURE		
	2 DOT OUTSIDE FRAME		
	ALL BLUE		
	DOUBLE FIXED 1% WINDOW		
	VERTICAL LINE SCROLL		
	ON/OFF OR WHITE		
	R/G/B/W ROTATION		
	HALF FIXED ALL WHITE		
	ALL WHITE WITH COUNT DISPLAY		
SRV-TOOL			See Service tool mode

	Destination	TX-P42C3E/J	TX-P42CX3E	TX-PR42C3
	Check sum	d295	d2a6	d214
*1	OPT1	00000100	00010100	10000100
*2	OPT4	00010000	00010000	00010000

6.2. Option - Mirror

Picture can be reversed left and right or up and down.
00 : Default (Normal picture is displayed)
01 : Picture is reversed left and right.
02 : Picture is reversed up and down.

00

01

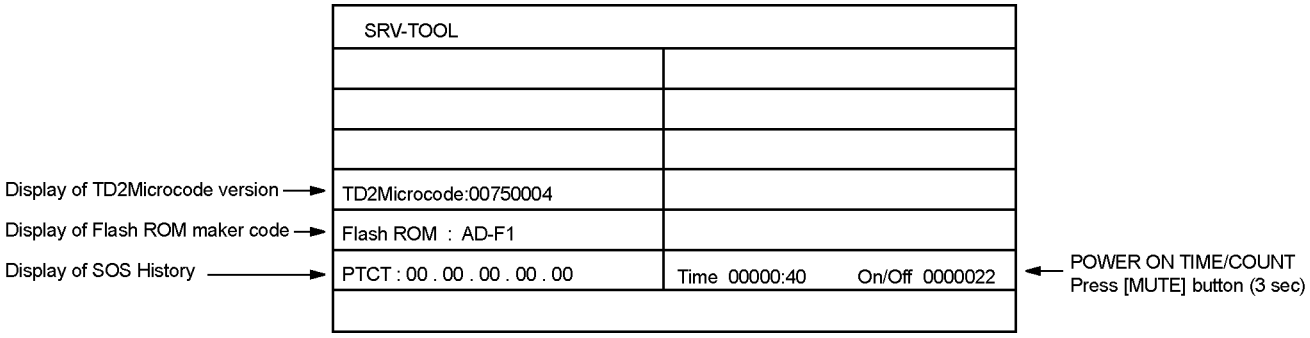
02

Hint : If the defective symptom (e.g. Vertical bar or Horizontal bar) is moved by selection of this mirror, the possible cause is in A-board.

6.3. Service tool mode

6.3.1. How to access

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



6.3.2. 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 will be cleared by [Self-check indication and forced to factory shipment setting].

6.3.3. POWER ON Time, On/Off

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

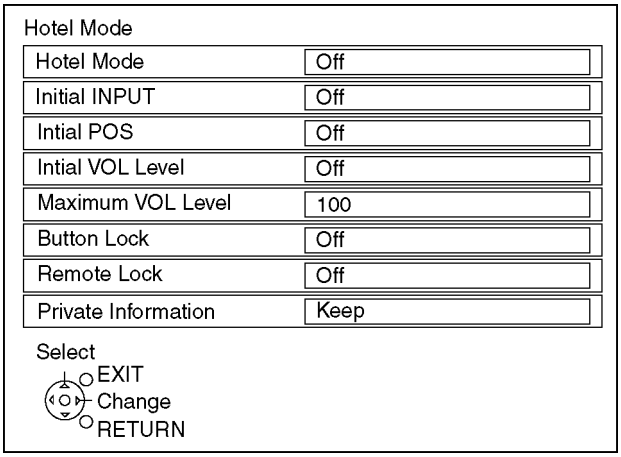
6.3.4. Exit

1. Disconnect the AC cord from wall outlet or switch off the power with [Power] button on the main unit.

6.4. 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:
   While pressing [VOLUME (-)] button of the main unit, press [AV] button of the remote control three times within 2 seconds.

   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

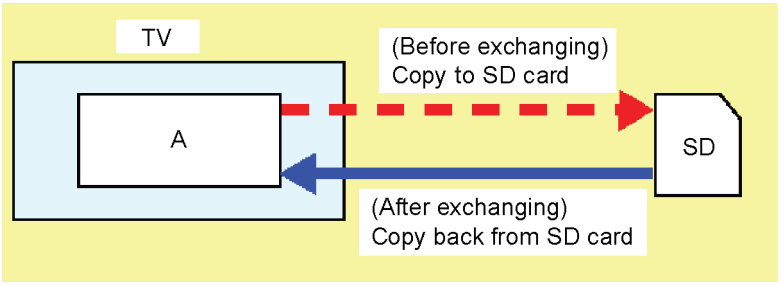
Item	Function
Hotel Mode	Select hotel mode On/Off
Initial INPUT	Select input signal modes. Set the input, when each time power is switched on. Selection : Off/Analogue/DVB-C/DVB-T/AV1/AV2/COMPONENT/HDMI1/HDMI2 • Off: give priority to a last memory. However, Euro model is compulsorily set to TV. • AVnS/AVnC: only Euro model selectable
Initial POS	Select programme number. Selection : Off/0 to 99 • Off: give priority to a last memory
Initial VOL level	Adjust the volume when each time power is switched on. Selection/Range : Off/0 to 100 • Off: give priority to a last memory
Maximum VOL level	Adjust maximum volume. Range : 0 to 100
Button lock	Select local key conditions. Selection : Off/SETUP/MENU/ALL • Off: altogether valid • SETUP: only F-key is invalid (Tuning guide (menu) can not be selected.) • MENU: only F-key is invalid (only Volume/Mute can be selected.) • ALL: altogether invalid.
Remote lock	Select remote control key conditions. Selection : Off/SETUP/MENU • Off: altogether valid • SETUP: only Setup menu is invalid • MENU: Picture/Sound/Setup menu are invalid
Private Information	Select private information for VIERA Cast is Keep or Reset if Hotel mode is set to [On] when TV power on. Selection : Keep/Reset • Keep: private information for VIERA Cast is keep • Reset: private information for VIERA Cast is reset

6.5. Data Copy by SD Card

6.5.1. Purpose

(a) Board replacement (Copy the data when exchanging A-board):

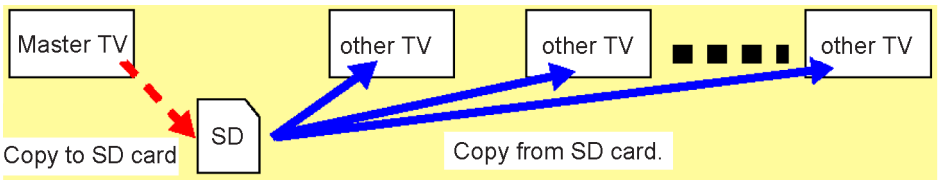
When exchanging A-board, the data in original A-board can be copied to SD card and then copy to new A-board.



Following data can be copied.
- User setting data
- (incl. Hotel mode setting data)
- Channel scan data
- Adjustment and factory preset data

(b) Hotel (Copy the data when installing a number of units in hotel or any facility):

When installing a number of units in hotel or any facility, the data in master TV can be copied to SD card and then copy to other TVs.



Following data can be copied.
- User setting data
- (incl. Hotel mode setting data)
- Channel scan data

6.5.2. Preparation

Make pwd file as startup file for (a) or (b) in a empty SD card.

1. Insert a empty SD card to your PC.
2. Right-click a blank area in a SD card window, point to New, and then click text document. A new file is created by default (New Text Document.txt).
3. Right-click the new text document that you just created and select rename, and then change the name and extension of the file to the following file name for (a) or (b) and press ENTER.

File name:

(a) For Board replacement : boardreplace.pwd

(b) For Hotel : hotel.pwd

Note:

Please make only one file to prevent the operation error.

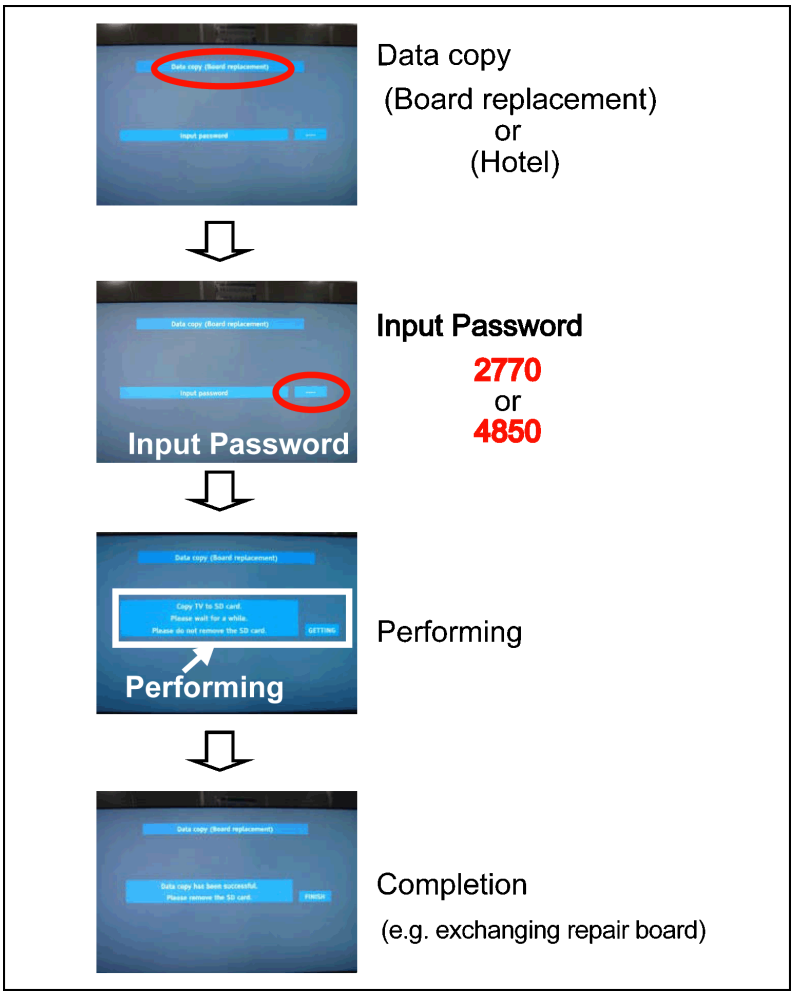
No any other file should not be in SD card.

6.5.3. Data copy from TV set to SD Card

1. Turn on the TV set.
2. Insert SD card with a startup file (pwd file) to SD slot.
   On-screen Display will be appeared according to the startup file automatically.
3. Input a following password for (a) or (b) by using remote control.
   (a) For Board replacement : 2770
   (b) For Hotel : 4850
   Data will be copied from TV set to SD card.
   It takes around 2 to 6 minutes maximum for copying.
4. After the completion of copying to SD card, remove SD card from TV set.
5. Turn off the TV set.

Note:

Following new folder will be created in SD card for data from TV set.
(a) For Board replacement : user_setup
(b) For Hotel : hotel

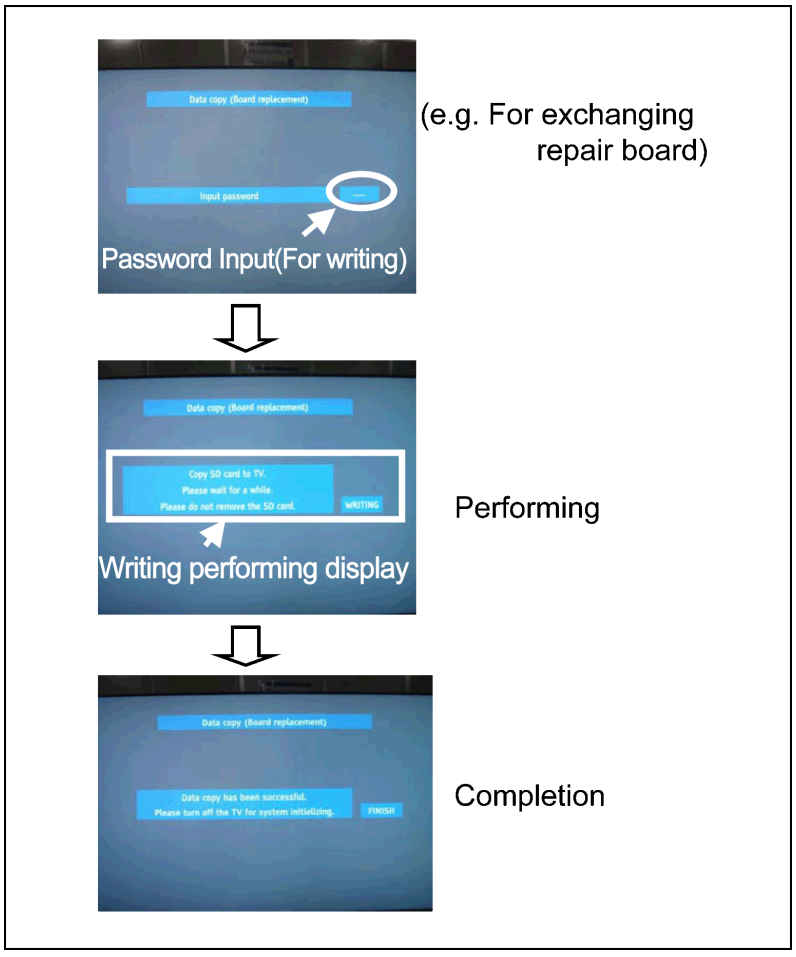


6.5.4. Data copy from SD Card to TV set

1. Turn on the TV set.
2. Insert SD card with Data to SD slot.
   On-screen Display will be appeared according to the Data folder automatically.
3. Input a following password for (a) or (b) by using remote control.
   (a) For Board replacement : 2771
   (b) For Hotel : 4851
   Data will be copied from SD card to TV set.
4. After the completion of copying to SD card, remove SD card from TV set.
   (a) For Board replacement : Data will be deleted after copying (Limited one copy).
   (b) For Hotel : Data will not be deleted and can be used for other TVs.
5. Turn off the TV set.

Note:

1. Depending on the failure of boards, function of Data copy for board replacement does not work.
2. This function can be effective among the same model numbers.



7 Troubleshooting Guide

Use the self-check function to test the unit.

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

7.1. Check of the IIC bus lines

7.1.1. How to access

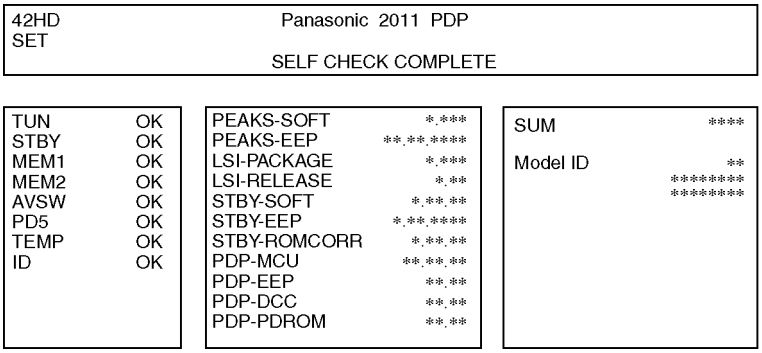
7.1.1.1. Self-check indication only:

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.

7.1.1.2. 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.

7.1.2. Screen display



7.1.3. Check Point

Confirm the following parts if NG was displayed.

DISPLAY	Check Ref. No.	Description	Check P.C.B.
TUN	TU4801	TUNER	A-Board
STBY	IC8000	PEAKS-sLD2 (STM)	A-Board
MEM1	IC8902	PEAKS EEPROM	A-Board
MEM2	IC8901	STM EEPROM	A-Board
AVSW	IC3001	AUDIO/VIDEO SW	A-Board
PD5	IC9300	PD5L	A-Board
TEMP	IC2001	TEMP SENSOR	A-Board
ID			A-Board

7.1.4. Exit

Disconnect the AC cord from wall outlet or switch off the power with [Power] button on the main unit.

7.2. 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.

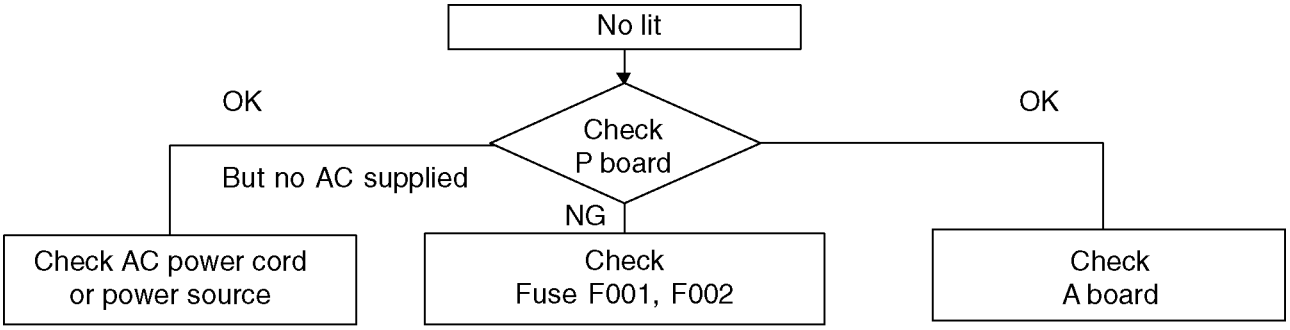
Blinking Times	Contents	Check point
1	Panel information SOS PD5 Start SOS	-
3	P+ 3.3V SOS	A-Board
4	Power SOS	P-Board
5	P+ 5V SOS	A-Board
6	Driver SOS1 (SN/SS Energy recovery circuit) (A-SN FPC DET)	SN-Board SS-Board A-SN FPC
7	Driver SOS2 (SN Connector DET) (SN Scan and Logic IC)	SN-Board
8	Driver SOS3 (SS FPC DET)	SS-Board SS FPC
9	Discharge Control SOS	A-Board
10	Sub 5V SOS Sub 3.3V SOS BE (sLD) SOS Tuner power SOS	A-Board SN-Board SS-Board P-Board
12	Sound SOS	A-Board Speaker
13	Emergency SOS	A-Board

7.3. No Power

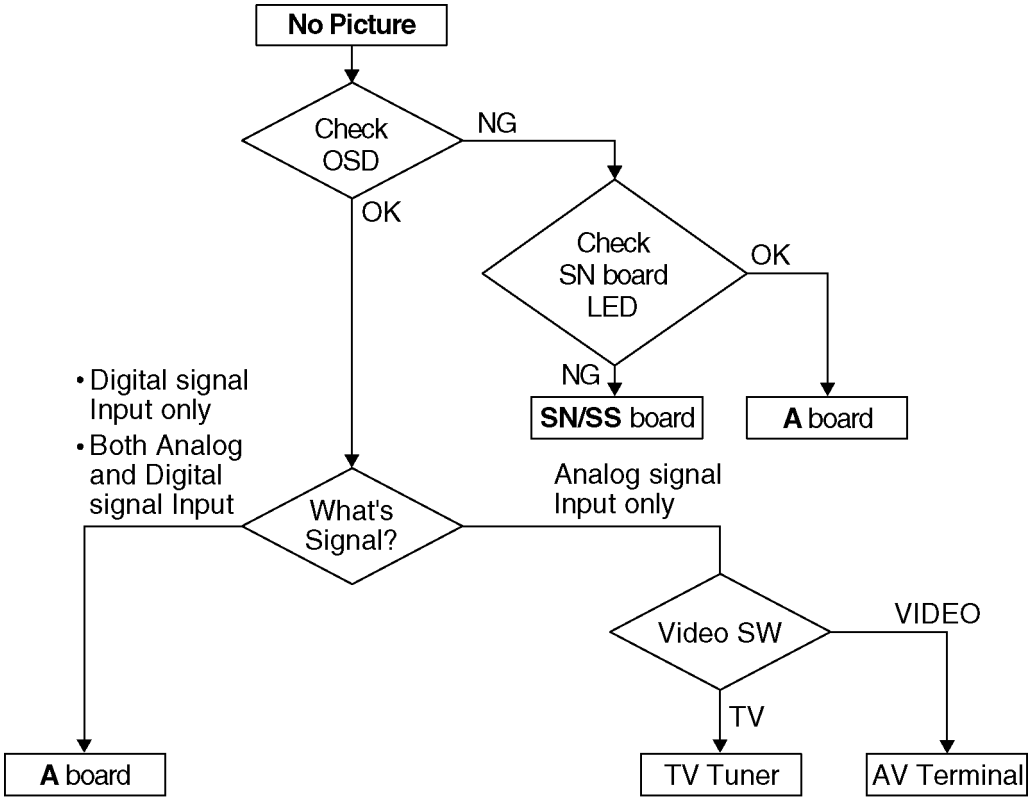
First check point

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

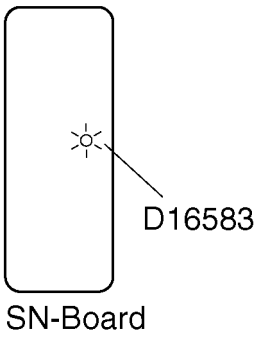
1. No lit
2. Red is lit then turns red blinking a few seconds later. (See 7.2.)



7.4. No Picture

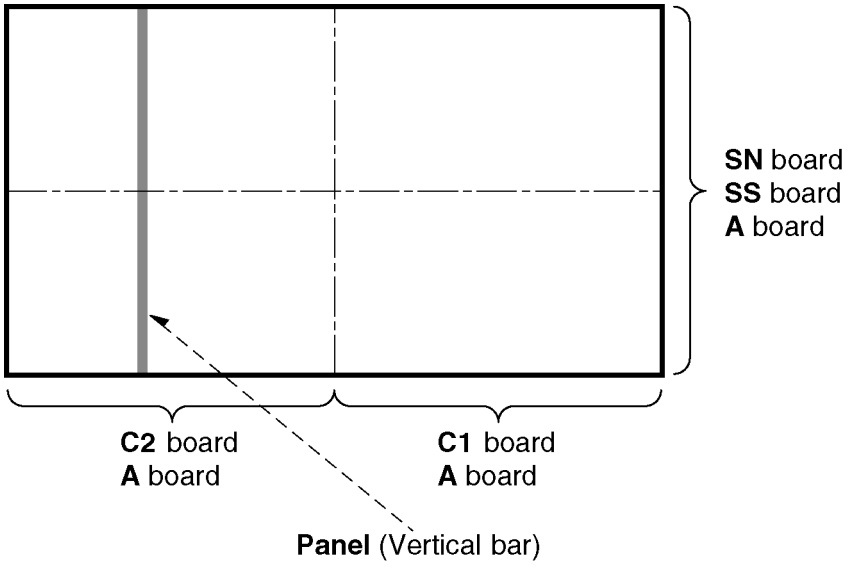


Drive circuits LED indicator



7.5. Local screen failure

Plasma display may have local area failure on the screen. Fig-1 is the possible defect P.C.B. for each local area.



<Local screen failure chart>

Fig-1

8 Disassembly and Assembly Instructions

8.1. Remove the Rear cover

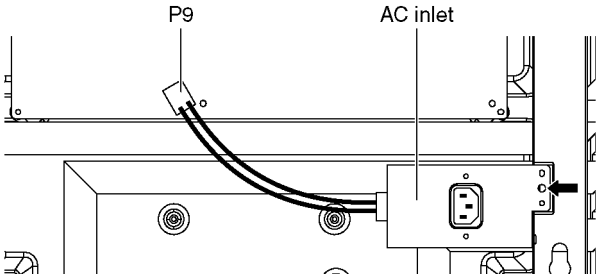
1. See PCB Layout (Section 3)

8.2. Remove the AC inlet

Caution:

To remove P.C.B. wait 1 minute after power was off for discharge from electrolysis capacitors.

1. Disconnect the connector (P9).
2. Remove the screw (×1 ➡) and remove the AC inlet.

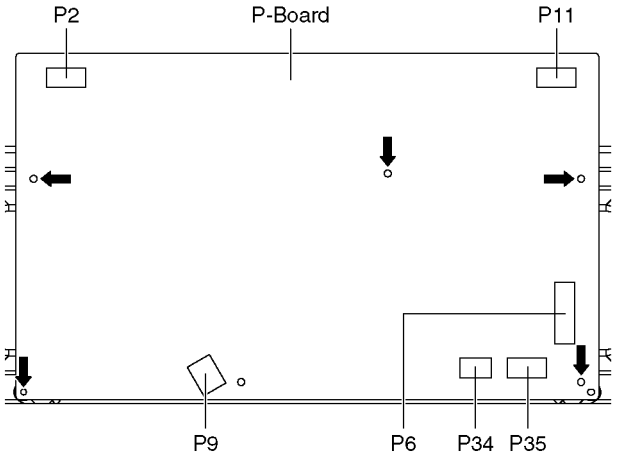


8.3. Remove the P-Board

Caution:

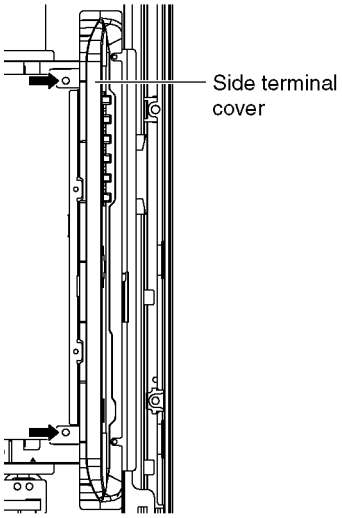
To remove P.C.B. wait 1 minute after power was off for discharge from electrolysis capacitors.

1. Disconnect the connectors (P2, P6, P9, P11, P34 and P35).
2. Remove the screws (×5 ➡) and remove the P-Board.



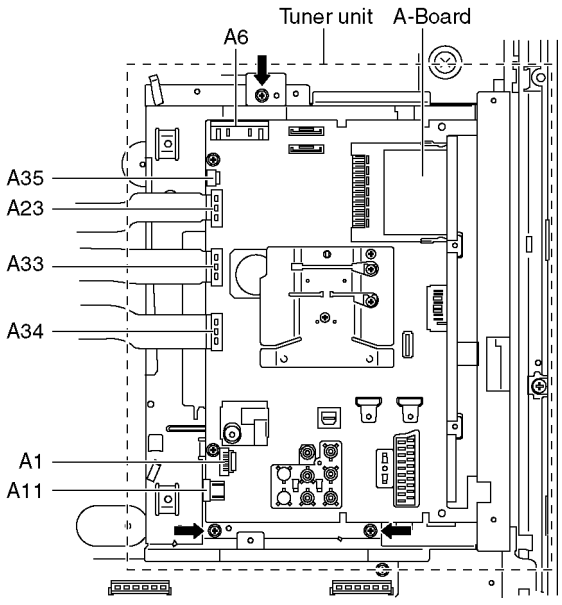
8.4. Remove the Side terminal cover

1. Remove the screws (×2 ➡).
2. Remove the Side terminal cover.



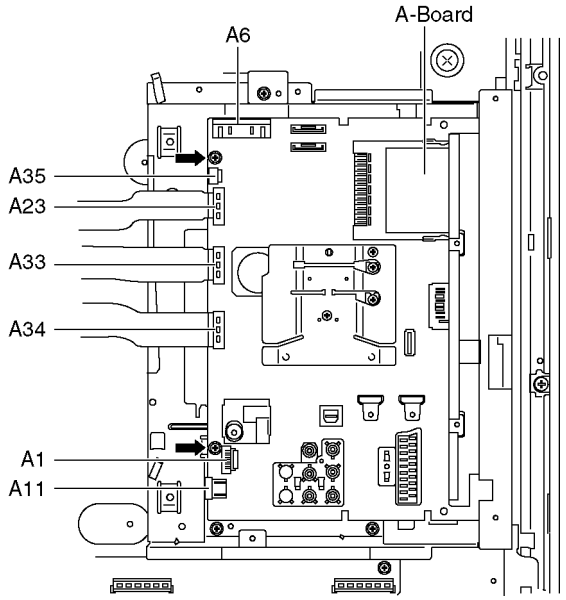
8.5. Remove the Tuner unit

1. Remove the Side terminal cover. (See section 8.4.)
2. Unlock the cable clampers to free the cable.
3. Disconnect the connectors (A1, A6, A11 and A35).
4. Disconnect the flexible cables (A23, A33 and A34).
5. Remove the screws (×3 ➡) and remove the Tuner unit.



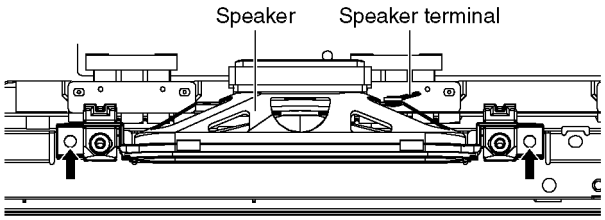
8.6. Remove the A-Board

1. Remove the Tuner unit. (See section 8.5.)
2. Remove the screws (×2 ➡) and remove the A-Board.



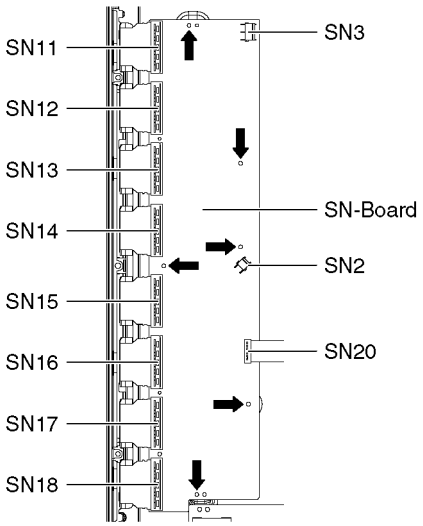
8.7. Remove the Speakers

1. Unlock the cable clampers to free the cable.
2. Disconnect the Speaker terminal.
3. Remove the screws (×2 ➡ each) and remove the Speakers (L, R).



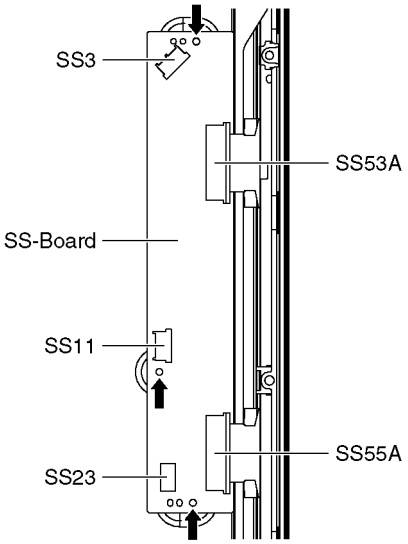
8.8. Remove the SN-Board

1. Disconnect the flexible cables (SN11, SN12, SN13, SN14, SN15, SN16, SN17 and SN18) connected to the SN-Board.
2. Disconnect the connectors (SN2 and SN3).
3. Disconnect the flexible cable (SN20).
4. Remove the screws (×6 ➡) and remove the SN-Board.



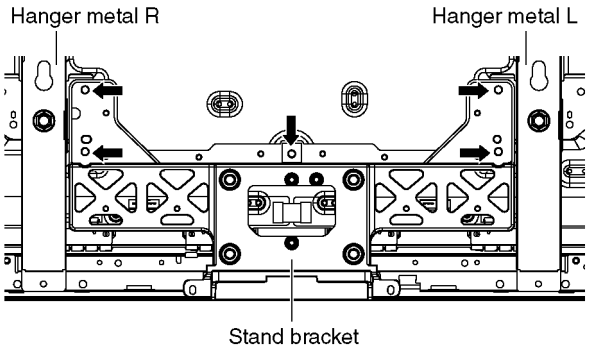
8.9. Remove the SS-Board

1. Remove the Tuner unit. (See section 8.5.)
2. Disconnect the connectors (SS3 and SS11).
3. Disconnect the flexible cables (SS23, SS53A and SS55A).
4. Remove the screws (×3 ➡) and remove the SS-Board.

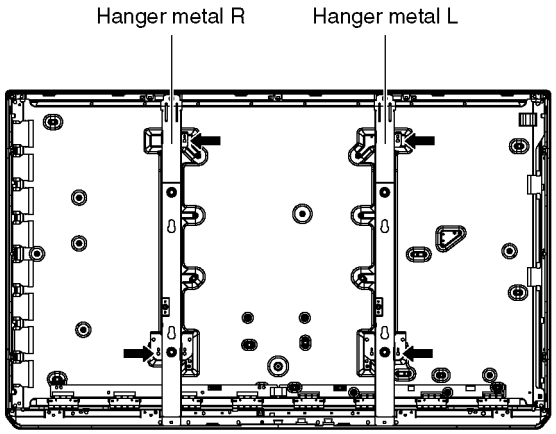


8.10. Remove the Stand bracket and the Hanger metals

1. Remove the Plasma panel section from the servicing stand and lay on a flat surface such as a table (covered by a soft cloth) with the Plasma panel surface facing downward.
2. Unlock the cable clampers to free the cable.
3. Remove the AC inlet. (See section 8.2.)
4. Remove the Stand bracket fastening screws (×5 ➡) and remove the Stand bracket.

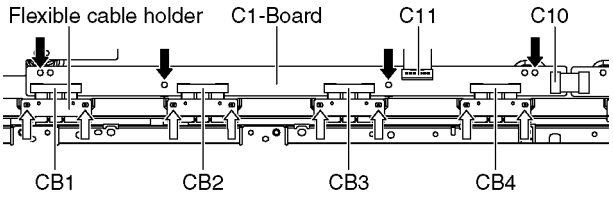


5. Remove the Hanger metals (L, R) fastening screws (×2 ➡ each) and remove the Hanger metals (L, R).



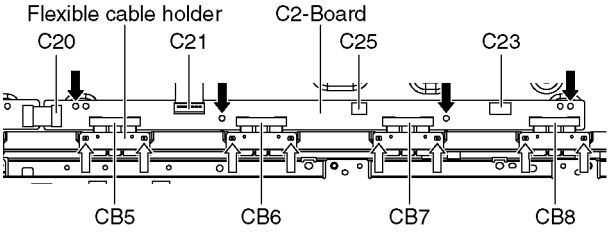
8.11. Remove the C1-Board

1. Remove the Hanger metal R and the Stand bracket. (See section 8.10.)
2. Remove the Flexible cable holder fastening screws (×8 ⇨).
3. Disconnect the flexible cables (CB1, CB2, CB3 and CB4).
4. Disconnect the flexible cables (C10 and C11).
5. Remove the screws (×4 ➡) and remove the C1-Board.



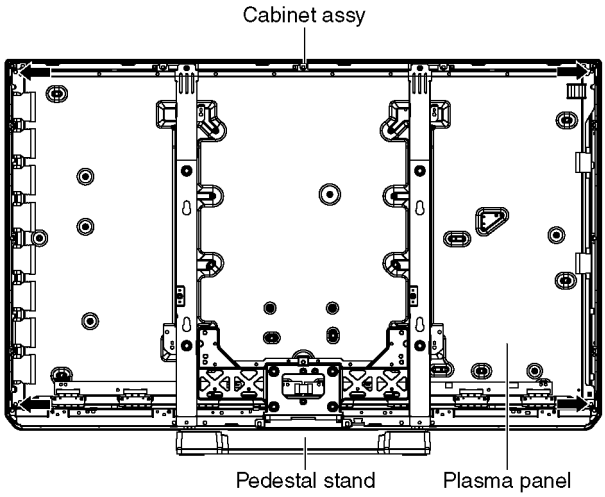
8.12. Remove the C2-Board

1. Remove the Tuner unit. (See section 8.5.)
2. Remove the Hanger metal L and the Stand bracket. (See section 8.10.)
3. Remove the Flexible cable holder fastening screws (×8 ⇨).
4. Disconnect the flexible cables (CB5, CB6, CB7 and CB8).
5. Disconnect the flexible cables (C20, C21 and C23).
6. Disconnect the connector (C25).
7. Remove the screws (×4 ➡) and remove the C2-Board.

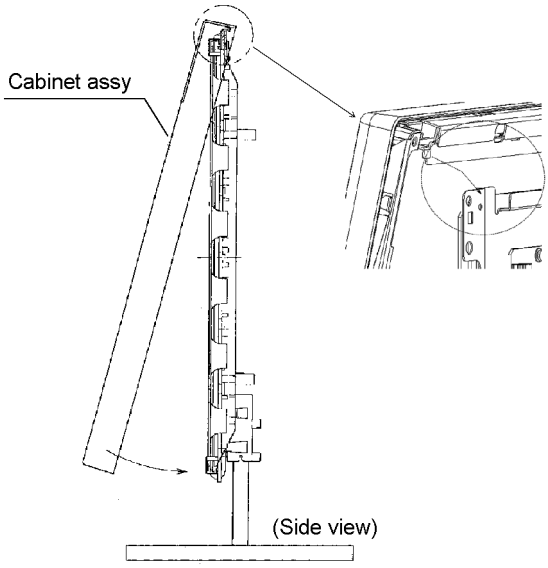


8.13. Remove the Plasma panel section from the Cabinet assy

1. Remove the Plasma panel fastening screws (×4 ➡) and remove the Cabinet assy.

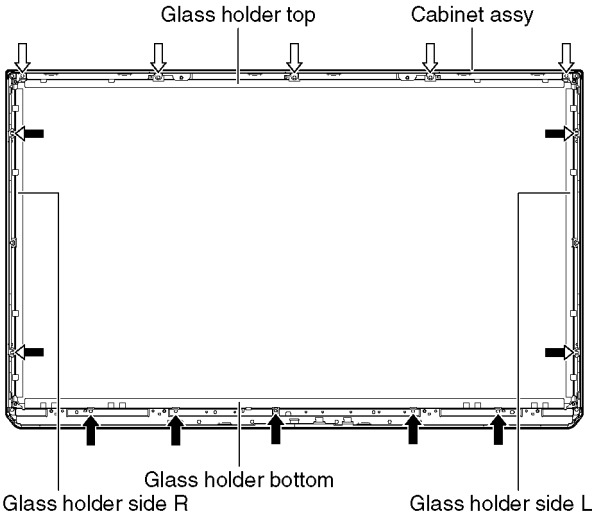


2. For leaving the Cabinet assy from the Plasma panel, pull the bottom of the Cabinet assy forward, lift, and remove.



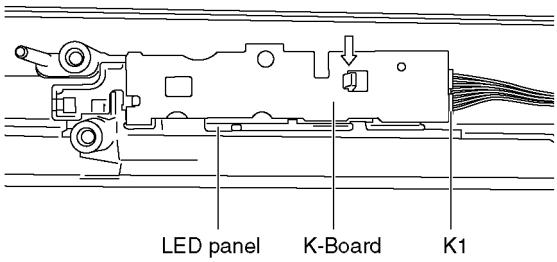
8.14. Remove the Glass holders

1. Remove the Cabinet assy. (See section 8.13.)
2. Remove the screws (×5 ⇨).
3. Remove the Glass holder top.
4. Remove the screws (×5 ➡).
5. Remove the Glass holder bottom.
6. Remove the screws (×4 ➡).
7. Remove the Glass holder side (L, R).



8.15. Remove the K-Board

1. Remove the Glass holder bottom. (See section 8.14.)
2. Remove the claw (×1 ⇨).
3. Disconnect the connector (K1) and Remove the K-Board from LED Panel.



8.16. Replace the Plasma panel

Caution:

A new Plasma panel itself without Hanger metals is fragile.

To avoid the damage to new Plasma panel, carry a new Plasma panel taking hold of the Hanger metals after assembling the Hanger metals and the Stand bracket.

1. Place a carton box packed a new Plasma panel on the flat surface of the work bench.
2. Open a box and without taking a new Plasma panel; Attach the C1-Board and the C2-Board, connect the flexible cables from the Plasma panel to the C1-Board and the C2-Board, and fit the Flexible cable holders.
3. Attach the Hanger metals and the Stand bracket to the new Plasma panel.
4. Place the Plasma panel on the servicing stand taking hold of the Hanger metals.
5. Attach the Cabinet assy and each P.C.Board and so on, to the new Plasma panel.

***When fitting the Cabinet assy, be careful not to allow any debris, dust or handling residue to remain between the Front glass and Plasma panel.**

9 Measurements and Adjustments

9.1. Adjustment

9.1.1. Vsus selection

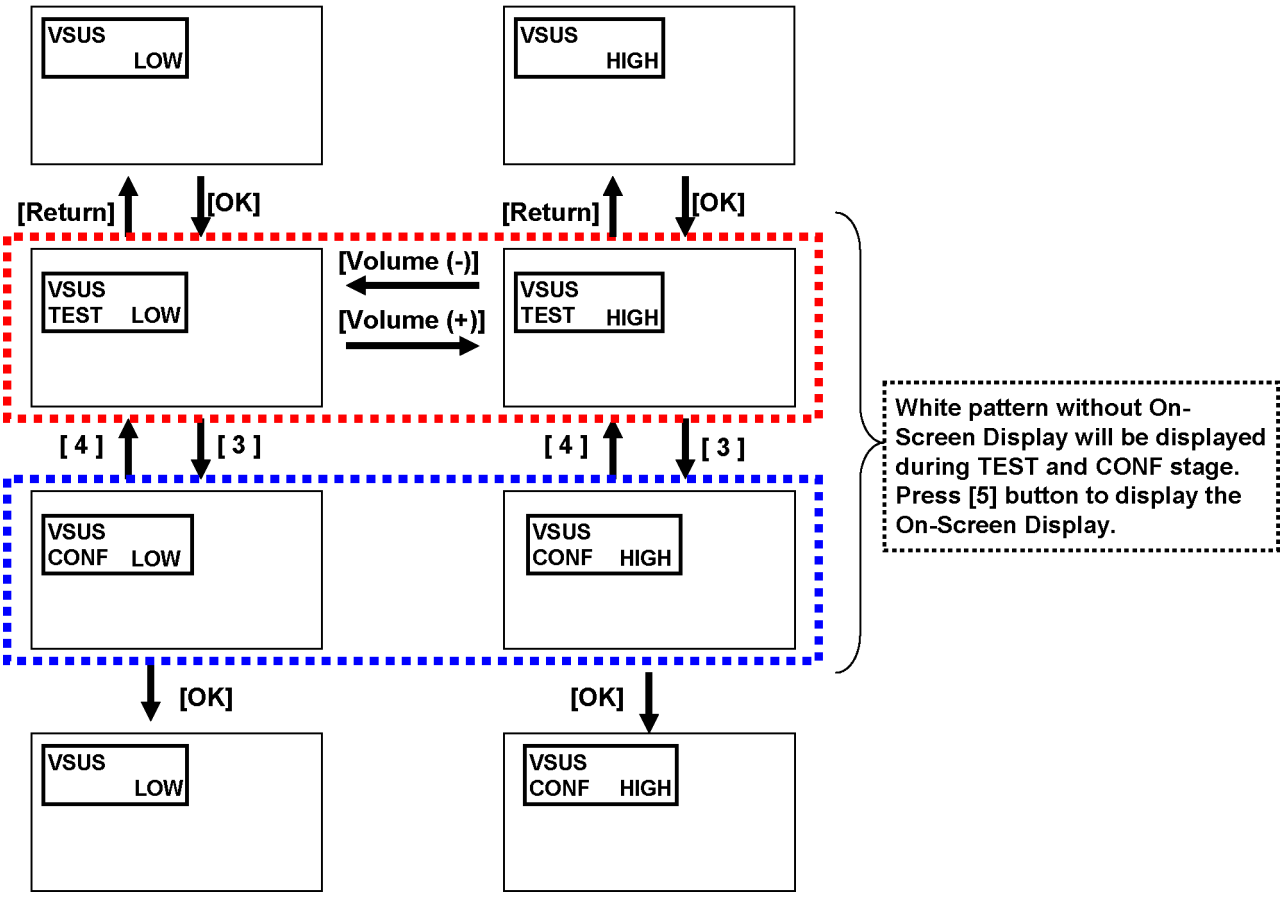
Caution:

When Plasma panel or A-board is replaced, Vsus should be set to LOW or HIGH.

Procedure

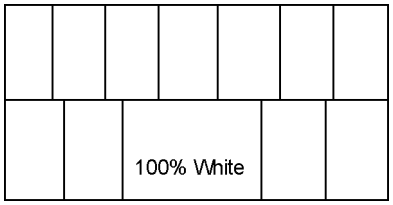
1. Go into main item [VSUS] in Service Mode. LOW or HIGH will be displayed.
2. Press [OK] button to go to TEST stage.
   White pattern without On-Screen Display will be displayed during TEST and CONF stage. Press [5] button to display the On-Screen Display.
3. Press [VOL (-)] button to set to LOW.
4. In LOW setting
   a. If no several dead pixel is visible remarkably in white pattern, press [3] button to go to CONF stage.
   b. If the several dead pixels are visible remarkably in white pattern, Set to HIGH by press [VOL (+)] button. Press [3] button to go to CONF stage if the symptom is improved.
5. Press [OK] button in CONF stage to store LOW or HIGH.
6. Exit Service Mode by pressing [Power] button.

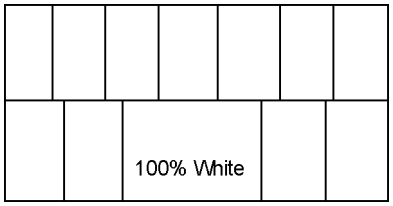
Vsus selection in Service mode



9.1.2. Sub-Contrast adjustment

Name of measuring instrument	Connection	Remarks
RF generator Base Band signal generator HD signal generator		

Steps	Remarks
Connect IIC cable (bus controller-cable) after banner OSD appear. And after SRQ-L, begin an adjustment 2 seconds later. Adjustment of TV (RF system) **Note:** In adjustment, you must setting to modulation of signal at 90%. 1. Receive a RF PAL 100% Full White or Split Colour bar shown as below.  2. Goes into service mode. 3. Push a [1] or [2] key, and goes into adjustment mode for [CONTRAST]. Adjustment 1. The colour key yellow button of remote control is pushed. 2. The OSD character of sub-contrast becomes red. (Inside under automatic adjustment) 3. The OSD character of sub-contrast returns to black. When [NG] is displayed, adjustment failure. 4. End.	**Note:** **Sub-contrast adjustment is unadjusted for AV/ HD input.** **But, when needing the adjustment chosen manually, please refer to [alternative method].**

Steps	Remarks
<u>Another procedure</u> Connect IIC cable (bus controller-cable) after banner OSD appear. And after SRQ-L, begin an adjustment 2 seconds later. Adjustment of AV system 1. PAL 100% Full White or Split Colour bar receive AV1(or AV2), shown as below.  2. Goes into service mode. 3. Push [1] or [2] key, and goes into adjustment mode for [Contrast]. Adjustment 1. The colour key yellow button of remote control is pushed. 2. The OSD character of sub-contrast becomes red. (Inside under automatic adjustment) 3. The OSD character of sub-contrast returns to black. When [NG] is displayed, adjustment failure. 4. End.	

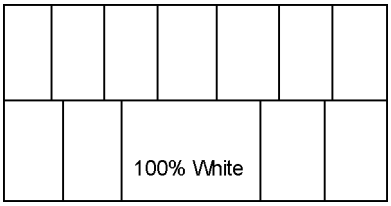
Steps	Remarks
Another procedure Connect IIC cable (bus controller-cable) after banner OSD appear. And after SRQ-L, begin an adjustment 2 seconds later. Adjustment of HD system 1. At 1080i 100% Full White or Split colour bar receive component signal, as shown below.  2. Goes into service mode. 3. Push [1] or [2] key, and goes into adjustment mode for [Contrast]. Adjustment 1. The colour key yellow button of remote control is pushed. 2. The OSD character of sub-contrast becomes red. (Inside under automatic adjustment) 3. The OSD character of sub-contrast returns to black. When [NG] is displayed, adjustment failure. 4. End.	

Table1, Sub-contrast Adustment initial data in Peaks EEPROM

06E0	Y Gain Standard for NTSC-G:RF (L)	Setting data
06E1	Y Gain Standard for NTSC-G:RF (H)	
06E2	Y Gain Standard for PAL-G:RF (L)	
06E3	Y Gain Standard for PAL-G:RF (H)	
06E4	Y Gain Standard for NTSC-G:ELSE (L)	
06E5	Y Gain Standard for NTSC-G:ELSE (H)	
06E6	Y Gain Standard for PAL-G:ELSE (L)	
06E7	Y Gain Standard for PAL-G:ELSE (H)	
06E8	Y Gain Standard for YUV (L)	
06E9	Y Gain Standard for YUV (H)	

9.1.3. White balance adjustment

The adjusting method is different according to the PEAKS EEPROM version.

[copy adjustment] : Peaks EEPROM ver.1.00-

[Differential and copy adjustment] : Peaks EEPROM ver.1.01-

Name of measuring instrument	Connection	Remarks
W/ B pattern Color analyzer (Minolta CA-100 or equivalent)	Panel surface	

Steps	Remarks
[copy adjustment] **Connect IIC cable (bus controller-cable) after banner OSD appear.** **And after SRQ-L, begin an adjustment 2 seconds later.** • Make sure the front panel to be used on the final set is fitted. • Make sure a color signal is not being shown before adjustment. • Put the color analyzer where there is little colour variation. **Note:** Copy Adjustment method in service mode. When you push [OK] key in each item, Adjustment data is copied between HD data and SD data.	Picture menu : Dynamic ASPECT : 16:9 Condition is same at alternative method too.
1. Enter the service mode. Please receive the Aanalog-RF. Or, please select CVBS/YUV/HDMI. (No inputting is possible.). (Forbid Analog-RF with no signal.) 2. A number key [1] or [2] are operated and [WB-ADJ] is displayed. Check that the color temp is [COOL]. 3. A number key [0] is operated and select [METHOD 01]. 4. A number key [5] is operated and [INNER PATTERN] is displayed.  INNER PATTERN 5. Select [G-CUTOFF] item, using the number-key [3] or [4], and set to [80], using the volume-key [+] or [-]. Also, [B-CUTOFF] and [R-CUTOFF] set to [80]. 6. Set [G-DRIVE] at [D0]. 7. Touch the signal receiver of color analyzer to the INNER PATTERN center, and adjust B drive and R drive so x, y become the [COLOR TEMP COOL] in the below table1. 8. All RGB drive increase so that the maximum drive value of RGB may become [FF]. ([ALL-DRIVE] set to [FF].) 9. Set color temp to [NORMAL] using [7] key. 10. Fix G-CUTOFF, B-CUTOFF and R-CUTOFF at [80]. 11. Set [G-DRIVE] at [D0]. 12. Adjust B-DRIVE and R-DRIVE so the INNER PATTERN x, y become the [COLOR TEMP NORMAL] in the below table1. 13. All RGB drive increase so that the maximum drive value of RGB may become [FF]. ([ALL-DRIVE] set to [FF].) 14. Set color temp to [WARM] using [7] key. 15. Fix G-CUTOFF, B-CUTOFF and R-CUTOFF at [80]. 16. Set [G-DRIVE] at [D0]. 17. Adjust B-DRIVE and R-DRIVE so the INNER PATTERN x, y become the [COLOR TEMP WARM] in the below table1. 18. All RGB drive increase so that the maximum drive value of RGB may become [FF]. ([ALL-DRIVE] set to [FF].) 19. Confirm [METHOD=01]. Please refer table2-3 to address. Asking matter to execute white balance difference adjustment. Please feed back the DAC value in the adjusted each color temperature in an internal pattern.	METHOD=01 copy adjustments

Steps	Remarks
[Differential and copy adjustment] Execute adjustment for color temp. [NORMAL], and set data for color temp. [COOL], [WARM] by data shift WB of HD (or PAL) copies the adjustment data from an adjusted format side. **Note:** The adjustment does only color temp. [NORMAL]. A adjustment value difference from [NORMAL] is written to EEPROM as for [COOL] and [WARM] by operating a [OK] key. As for WB of HD (or RF), the adjustment data from an adjusted format side is copied simultaneously. Text color of the adjusted value changes into red → black at the same time too.	
1. Enter the service mode. Please receive the Aanalog-RF. Or, please select CVBS/YUV/HDMI. (No inputting is possible.). (Forbid Analog-RF with no signal.) 2. A number key [1] and [2] are operated and [WB-ADJ] is displayed. Check that the color temp is [NORMAL]. 3. A number key [0] is operated and select [METHOD 03]. 4. A number key [5] is operated and [INNER PATTERN] is displayed.  INNER PATTERN 5. Select [G-CUTOFF] item, using the number-key [3] or [4], and set to [80], using the volume-key [+] or [-]. Also, [B-CUTOFF] and [R-CUTOFF] set to [80]. 6. Set [G-DRIVE] at [D0]. 7. Touch the signal receiver of color analyzer to the INNER PATTERN center, and adjust B drive and R drive so x, y become the [COLOR TEMP NORMAL] in the table 1. 8. All RGB drive increase so that the maximum drive value of RGB may become [FF]. ([ALL-DRIVE] set to [FF].) 9. A number key [0] is operated and select [METHOD=01]. Please refer table2-3 to address.	METHOD=03 Differential and copy adjustment

Table 1-1, Color temp. target value (This data is target data by CA-100 PAVCCZ.)

COLOR TEMP	x	y
COOL	0.276	0.283
NORMAL	0.298	0.319
WARM	0.312	0.336

Table 1-2, Color temp. target value (This data is target data by CS-2000 PAVCCZ.)

COLOR TEMP	x	y
COOL	0.277	0.279
NORMAL	0.299	0.314
WARM	0.313	0.329

Table 2, Peaks EEP addresses (adjustment data)

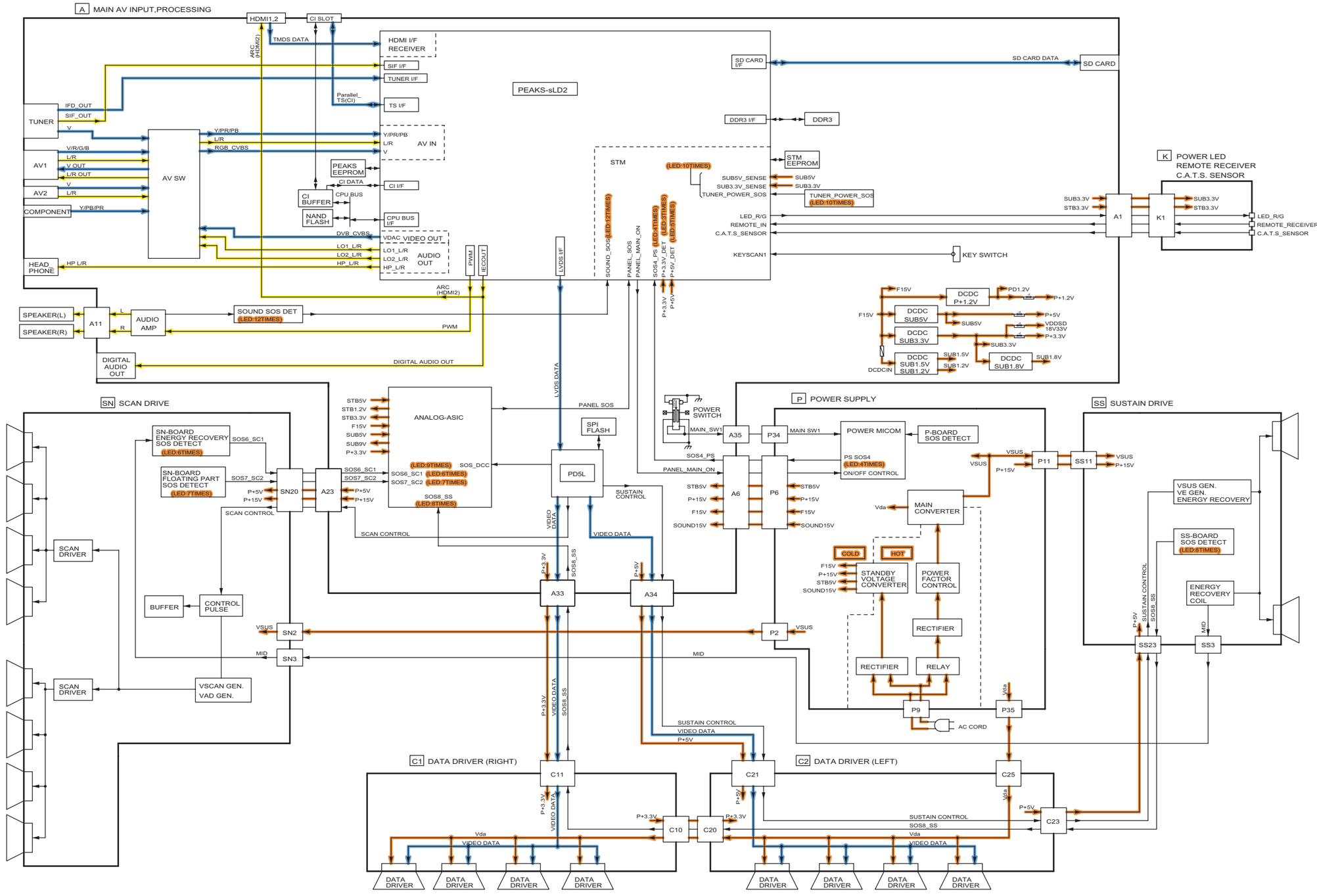
signal / temp	Meaning of value	address
SD High	R-Cutoff for SD High	A0-070c
	G-Cutoff for SD High	A0-070d
	B-Cutoff for SD High	A0-070e
	R-Drive for SD High	A0-070f
	G-Drive for SD High	A0-0710
	B-Drive for SD High	A0-0711
SD Middle	R-Cutoff for SD Middle	A0-0712
	G-Cutoff for SD Middle	A0-0713
	B-Cutoff for SD Middle	A0-0714
	R-Drive for SD Middle	A0-0715
	G-Drive for SD Middle	A0-0716
	B-Drive for SD Middle	A0-0717
SD Low	R-Cutoff for SD Low	A0-0718
	G-Cutoff for SD Low	A0-0719
	B-Cutoff for SD Low	A0-071a
	R-Drive for SD Low	A0-071b
	G-Drive for SD Low	A0-071c
	B-Drive for SD Low	A0-071d
HD High	R-Cutoff for HD High	A0-071e
	G-Cutoff for HD High	A0-071f
	B-Cutoff for HD High	A0-0720
	R-Drive for HD High	A0-0721
	G-Drive for HD High	A0-0722
	B-Drive for HD High	A0-0723
HD Middle	R-Cutoff for HD Middle	A0-0724
	G-Cutoff for HD Middle	A0-0725
	B-Cutoff for HD Middle	A0-0726
	R-Drive for HD Middle	A0-0727
	G-Drive for HD Middle	A0-0728
	B-Drive for HD Middle	A0-0729
HD Low	R-Cutoff for HD Low	A0-072a
	G-Cutoff for HD Low	A0-072b
	B-Cutoff for HD Low	A0-072c
	R-Drive for HD Low	A0-072d
	G-Drive for HD Low	A0-072e
	B-Drive for HD Low	A0-072f

Table 3, Peaks EEP addresses (DIFF setting)

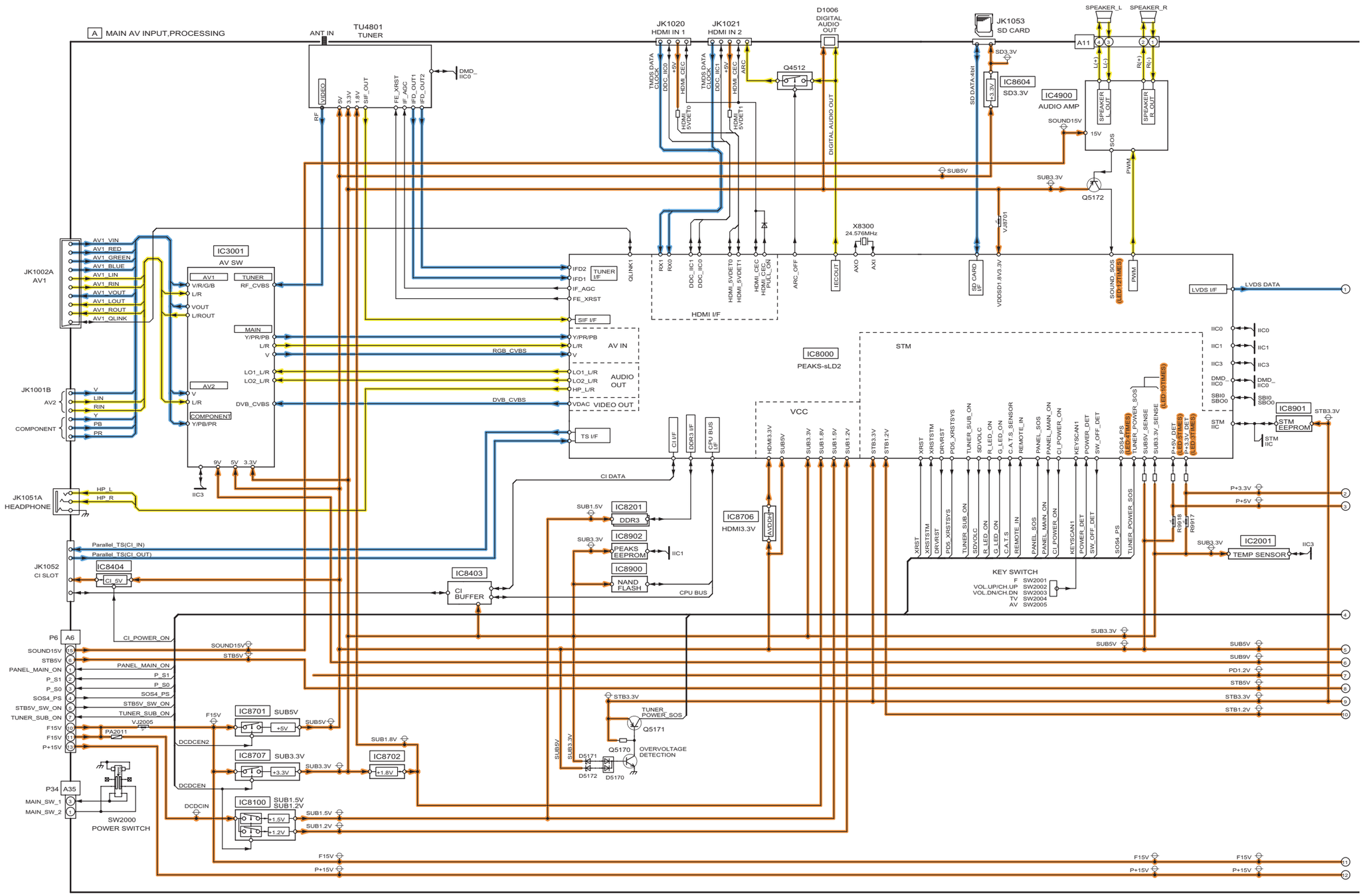
signal / temp	Meaning of value	address
SD High	R-Cutoff difference for SD High	A0-0730
	G-Cutoff difference for SD High	A0-0731
	B-Cutoff difference for SD High	A0-0732
	R-Drive difference for SD High	A0-0733
	G-Drive difference for SD High	A0-0734
	B-Drive difference for SD High	A0-0735
SD Middle	R-Cutoff difference for SD Middle	A0-0736
	G-Cutoff difference for SD Middle	A0-0737
	B-Cutoff difference for SD Middle	A0-0738
	R-Drive difference for SD Middle	A0-0739
	G-Drive difference for SD Middle	A0-073a
	B-Drive difference for SD Middle	A0-073b
SD Low	R-Cutoff difference for SD Low	A0-073c
	G-Cutoff difference for SD Low	A0-073d
	B-Cutoff difference for SD Low	A0-073e
	R-Drive difference for SD Low	A0-073f
	G-Drive difference for SD Low	A0-0740
	B-Drive difference for SD Low	A0-0741
HD High	R-Cutoff difference for HD High	A0-0742
	G-Cutoff difference for HD High	A0-0743
	B-Cutoff difference for HD High	A0-0744
	R-Drive difference for HD High	A0-0745
	G-Drive difference for HD High	A0-0746
	B-Drive difference for HD High	A0-0747
HD Middle	R-Cutoff difference for HD Middle	A0-0748
	G-Cutoff difference for HD Middle	A0-0749
	B-Cutoff difference for HD Middle	A0-074a
	R-Drive difference for HD Middle	A0-074b
	G-Drive difference for HD Middle	A0-074c
	B-Drive difference for HD Middle	A0-074d
HD Low	R-Cutoff difference for HD Low	A0-074e
	G-Cutoff difference for HD Low	A0-074f
	B-Cutoff difference for HD Low	A0-0750
	R-Drive difference for HD Low	A0-0751
	G-Drive difference for HD Low	A0-0752
	B-Drive difference for HD Low	A0-0753

10 Block Diagram

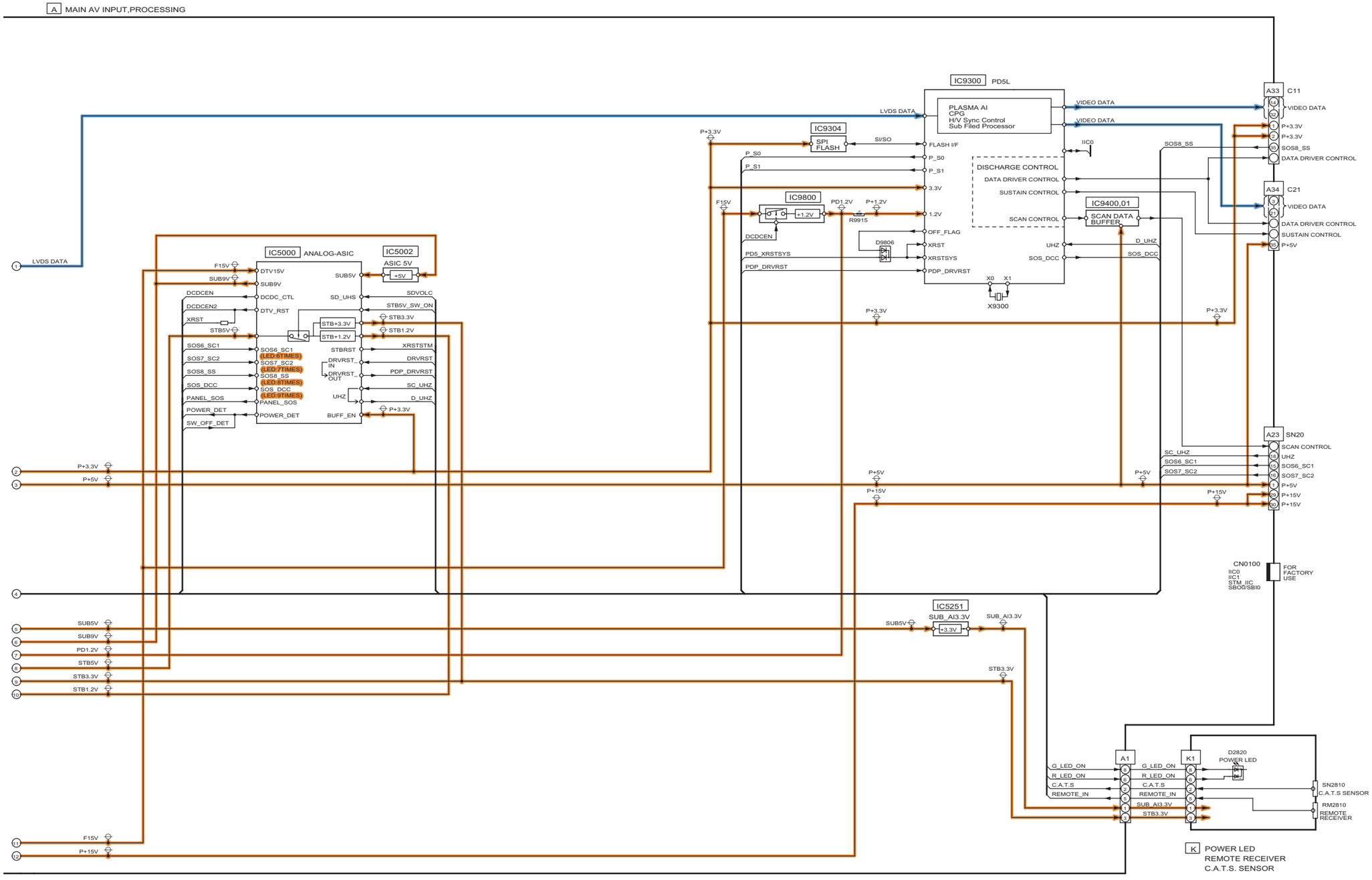
10.1. Main Block Diagram



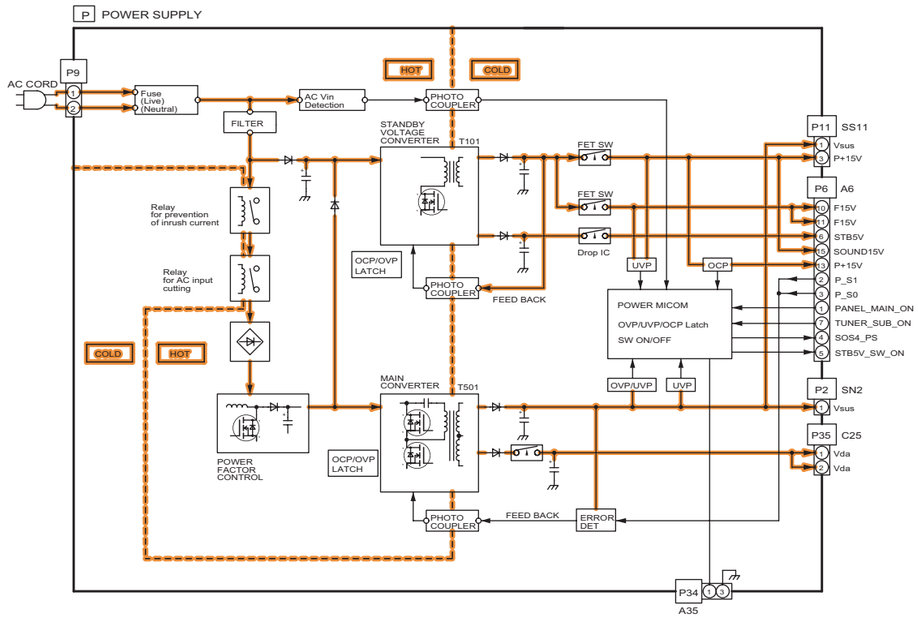
10.2. Block (1/4) Diagram



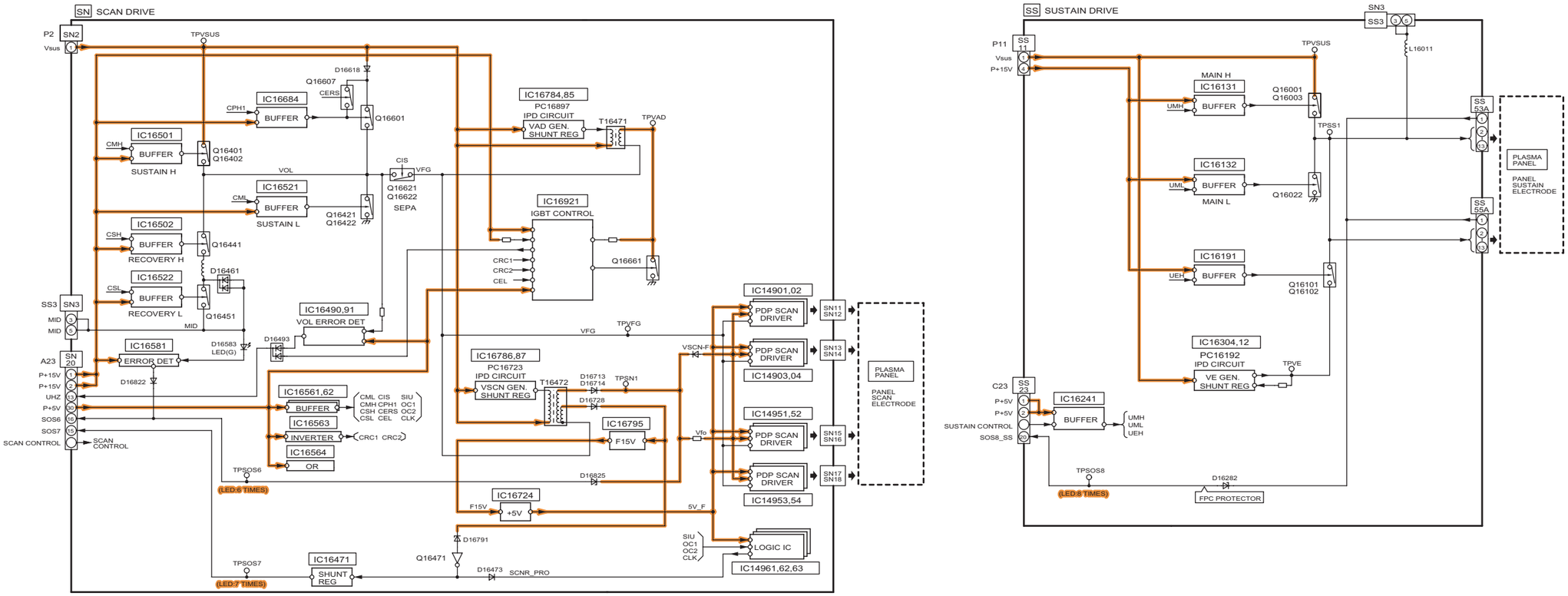
10.3. Block (2/4) Diagram

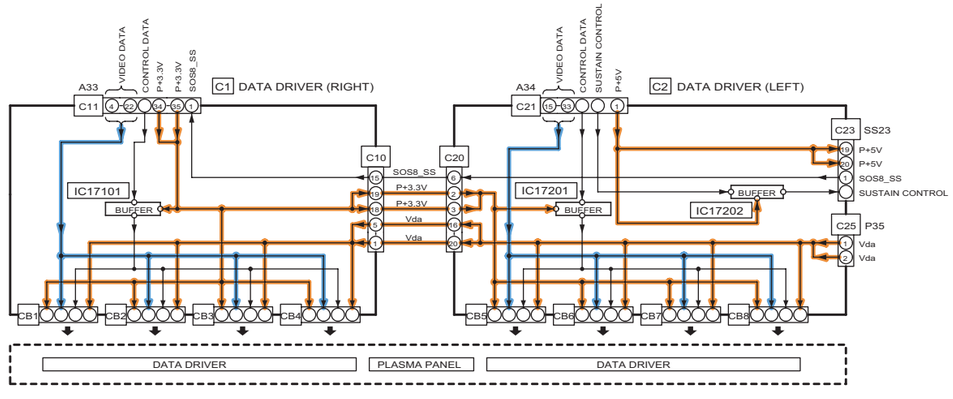


10.4. Block (3/4) Diagram



10.5. Block (4/4) Diagram





11 Wiring Connection Diagram

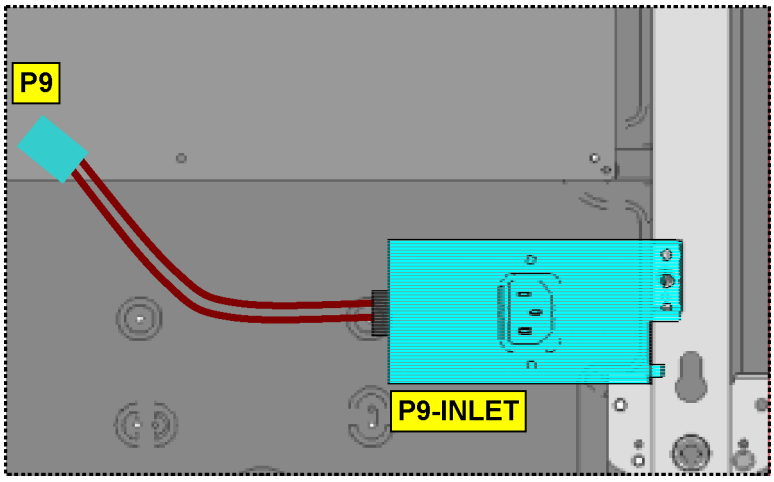
11.1. Caution statement.

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.

11.2. Wiring (1)

CONNECT P9-INLET WIRE INTO P9 CONNECTOR



11.3. Wiring (2)

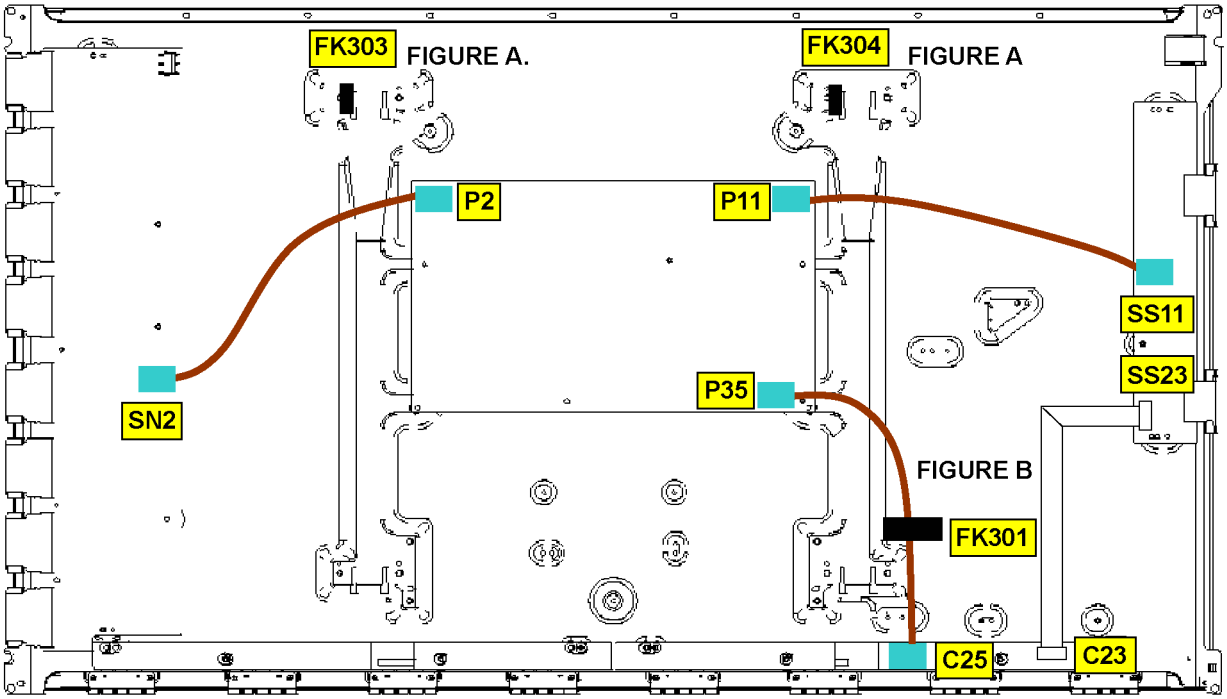


FIGURE A

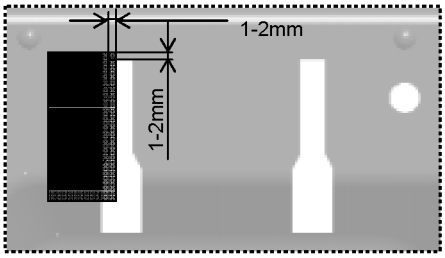
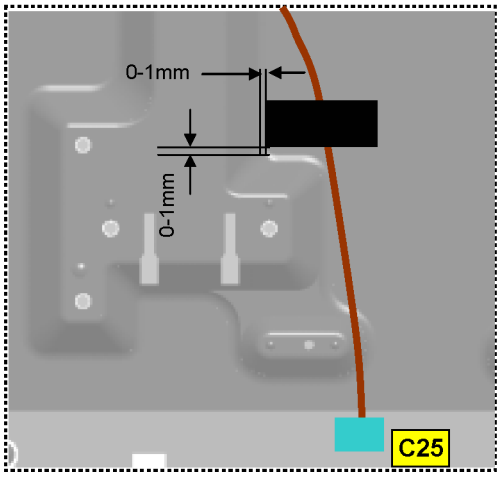
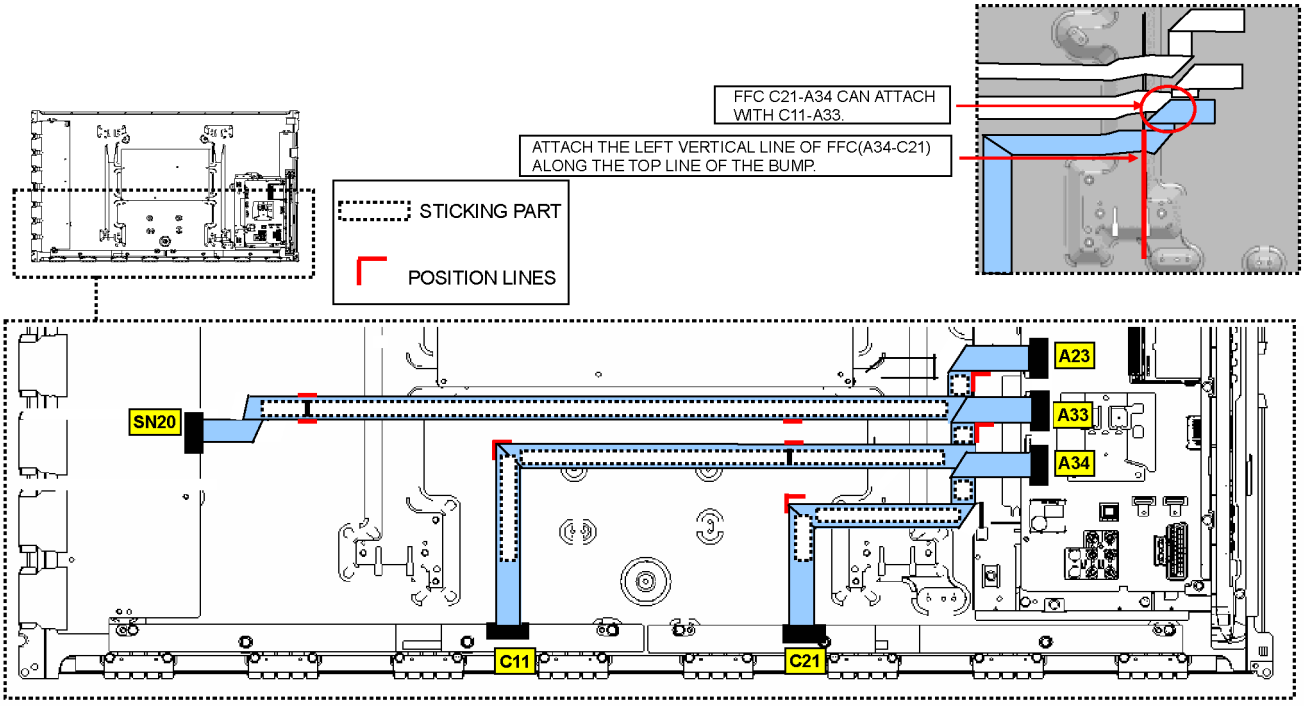


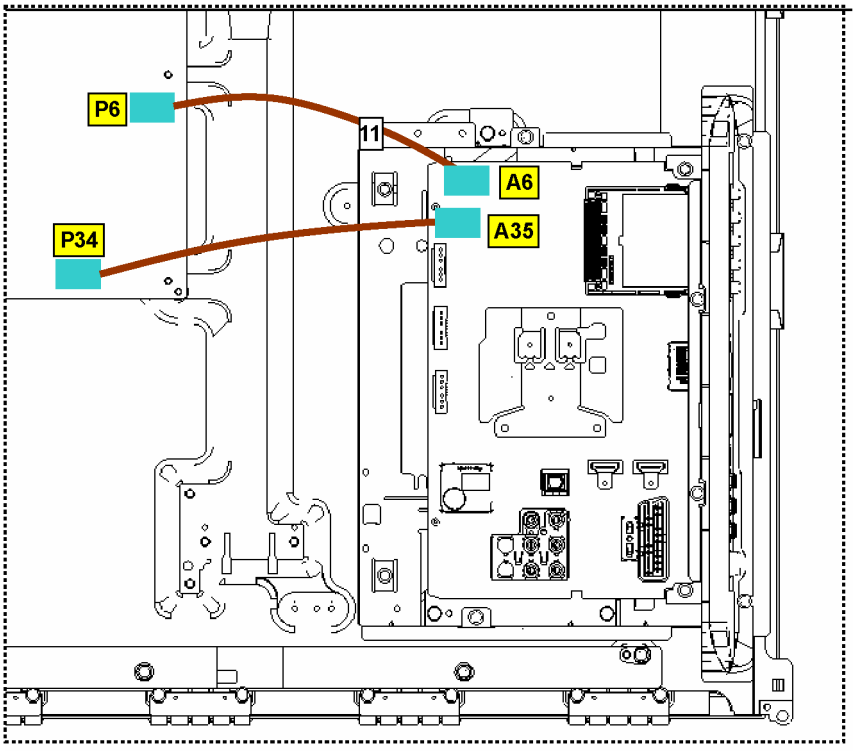
FIGURE B



11.4. Wiring (3)

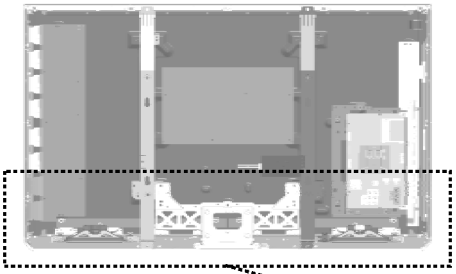


CONNECT THE WIRES AND LEAD P6-A6 THROUGH CLAMPER 11.



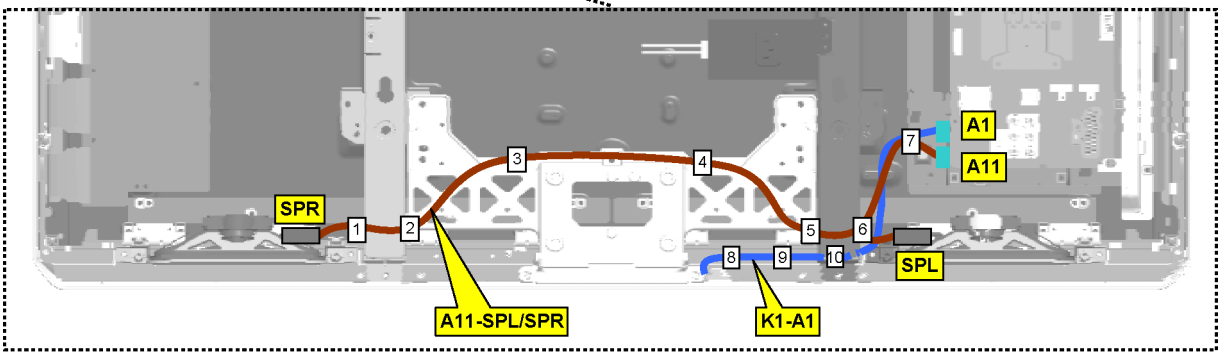
WIRE No.	CLAMPER No.
	11
P6-A6	O

11.5. Wiring (4)

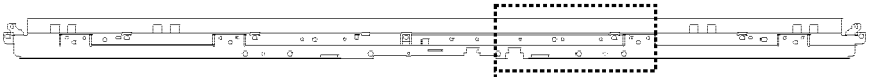


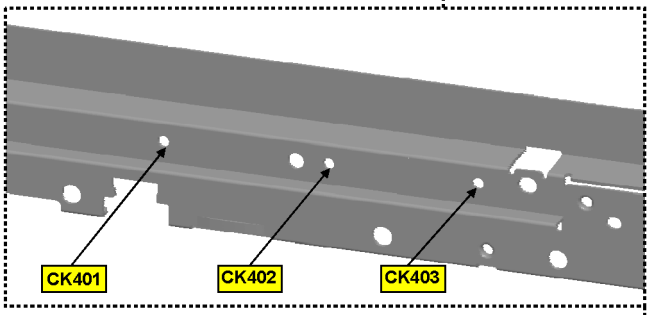
CONNECT THE WIRES AND LEAD THEM THROUGH THE CLAMPERS.

WIRE No.	CLAMPER No.									
	1	2	3	4	5	6	7	8	9	10
A11 - SPL/SPR	O	O	O	O	O	O	O			
A1 - K1							O	O	O	O

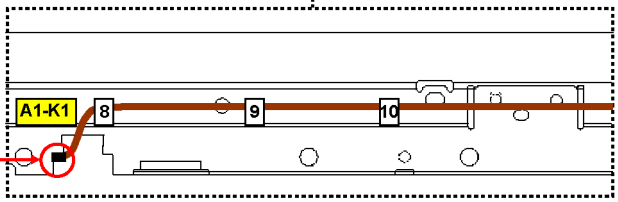


LEAD THE WIRE A1-K1 THROUGH THE CLAMPERS 8-10.

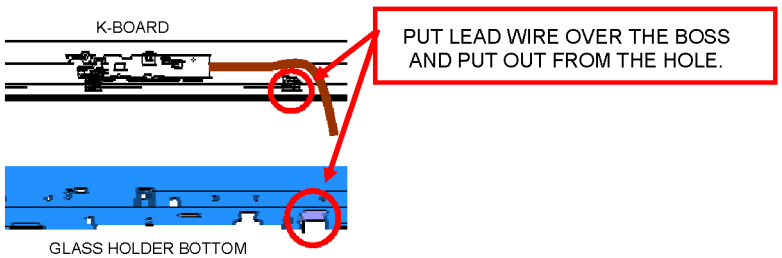




WIRE No.	CLAMPER No.		
	8	9	10
A1-K1	O	O	O



TAPING PART MUST BE ATTACHED TO CUTTING PART OF GLASS HOLDER.



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 ..... AC 220-240V, 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.

Notice: Use the parts number indicated on the Replacement parts List.

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.

Note: All parts except parts mentioned [PAVCCZ] in the Remarks column are supplied by AVC-CSPC.
Parts mentioned [PAVCCZ] are supplied by PAVCCZ.

Notice: Be sure to make your orders of replacement parts according to this list.

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

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

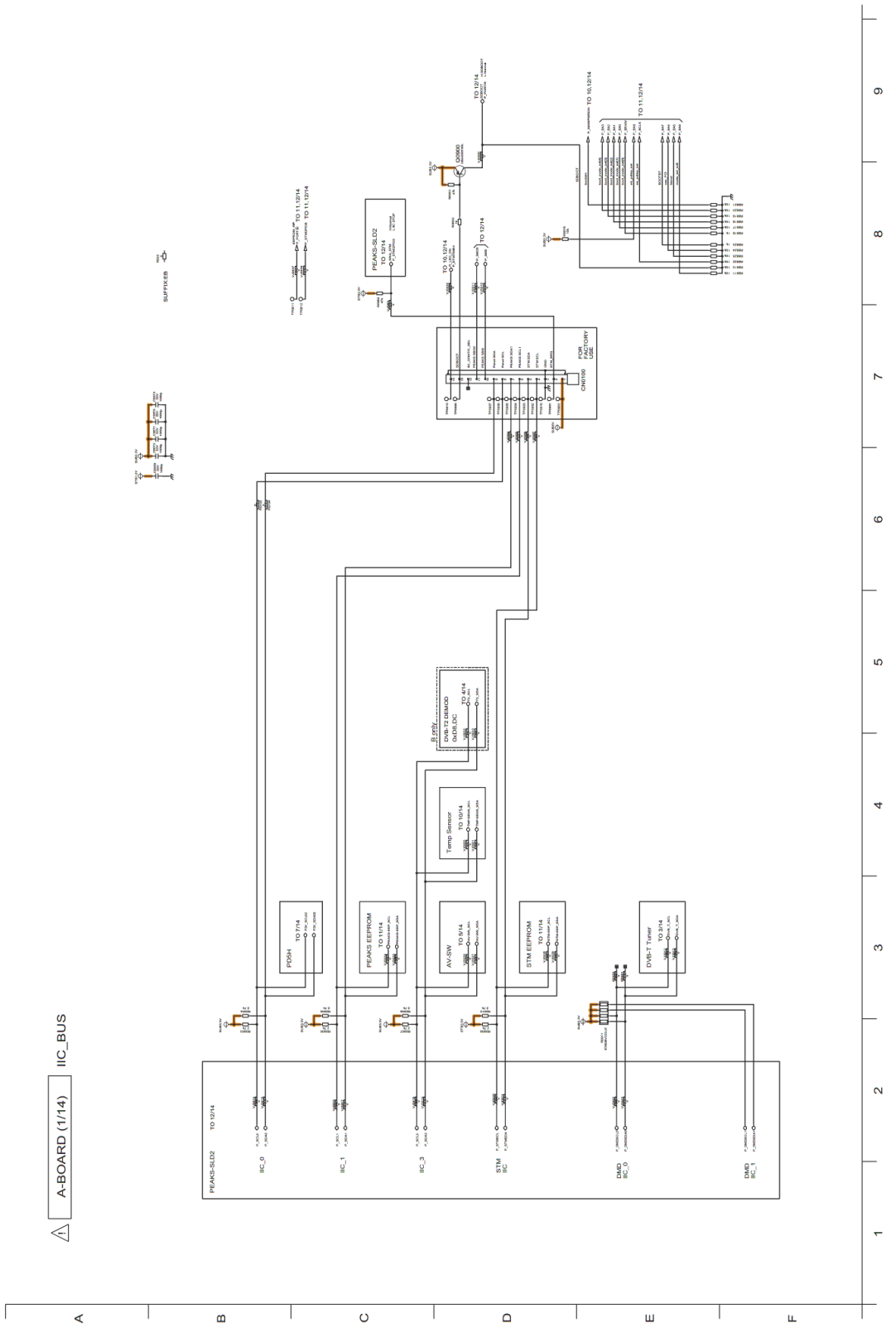
2. Capacitor

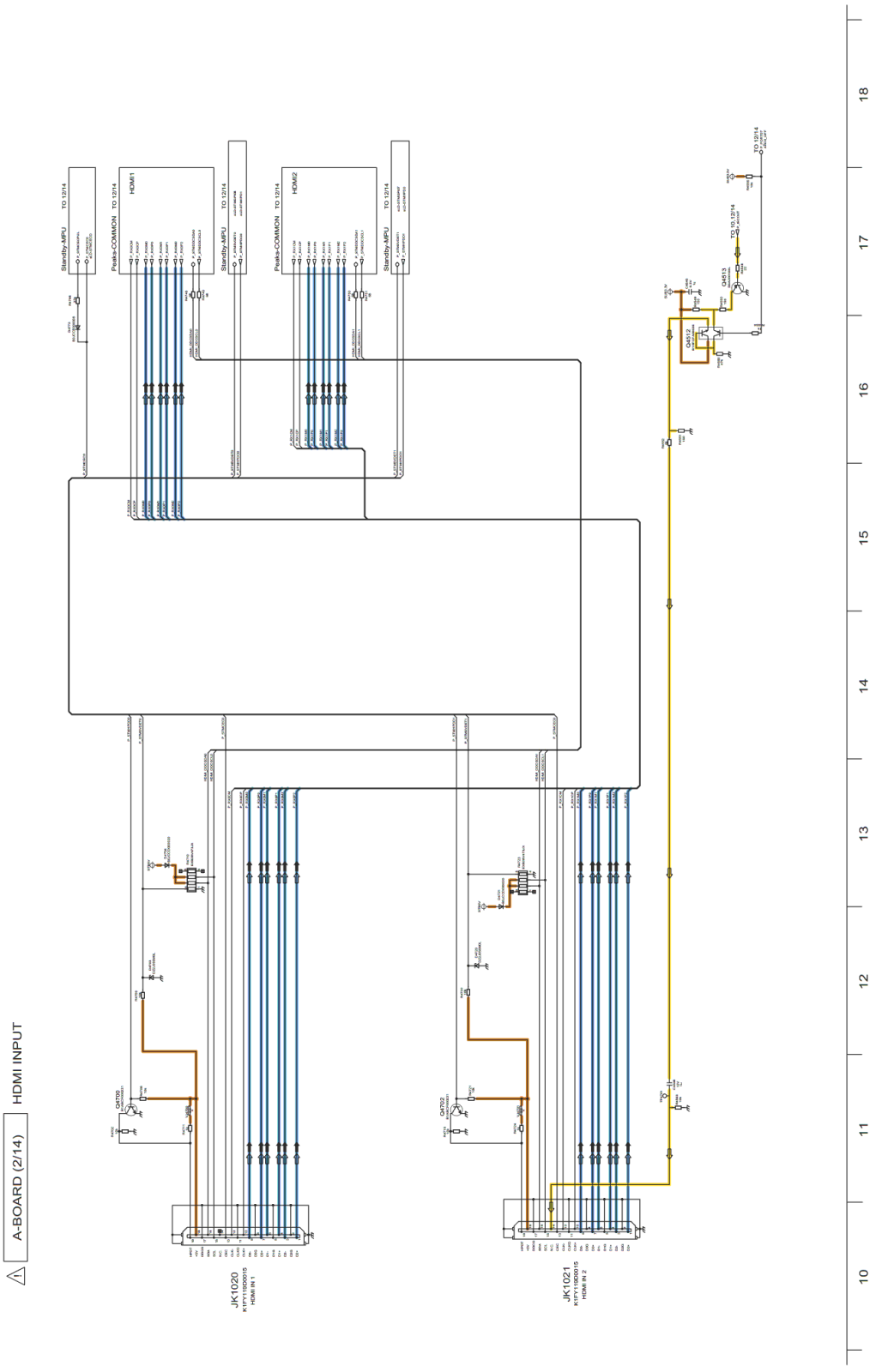
Example:

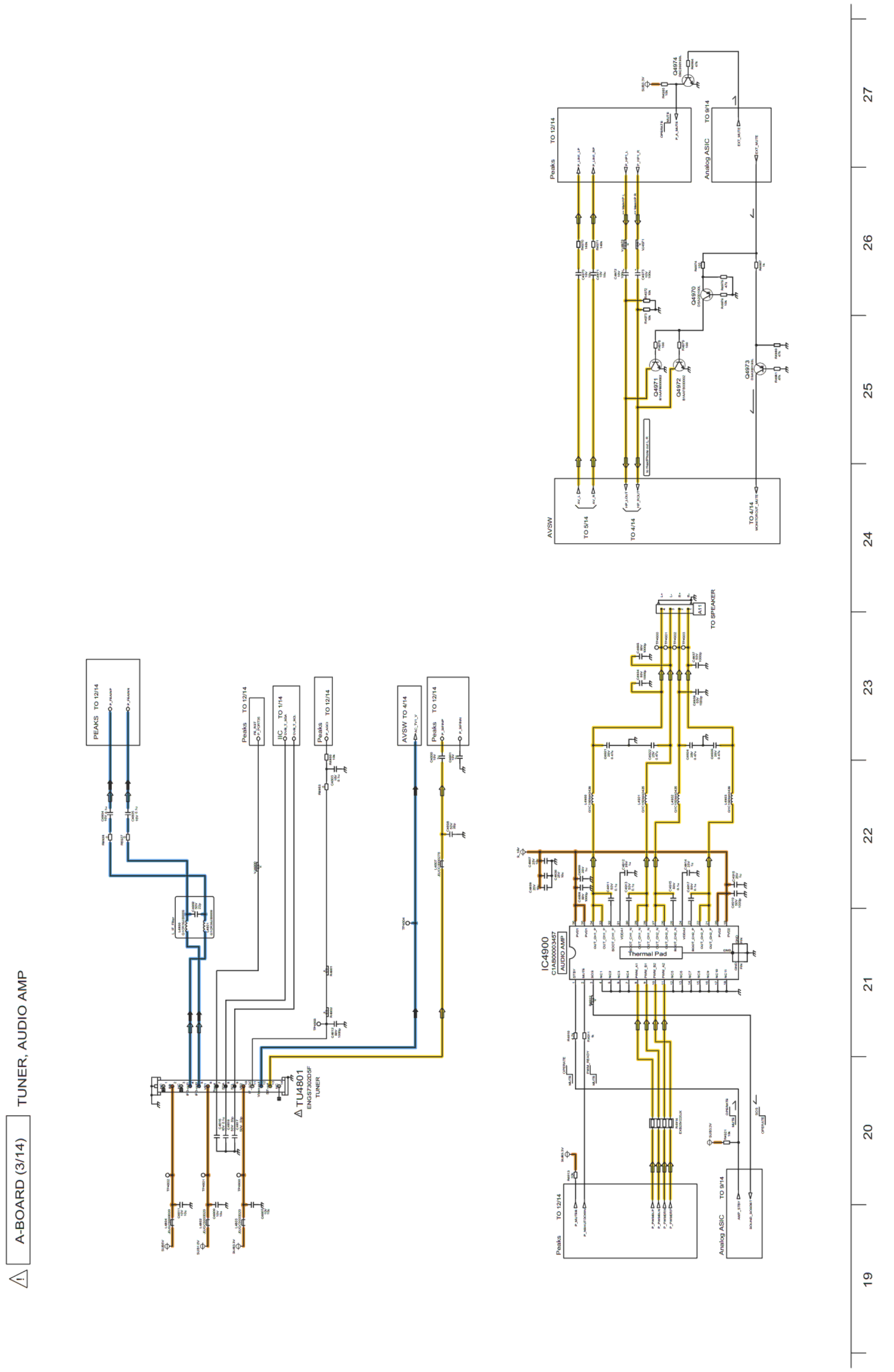
ECKF1H103ZF C 0.01UF, Z, 50V
Type Allowance

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

Model No. : TX-P42C3E/J, CX3E, PR42C3 A-Board (1/14)




A-BOARD (2/14)
HDMI INPUT
Standby-MPU
Peaks-COMMON
HDMI1
HDMI2
JK1020
JK1021
HDMI IN 1
HDMI IN 2
10
11
12
13
14
15
16
17
18


A-BOARD (3/14)
TUNER, AUDIO AMP
TU4801
IC4900
AUDIO AMP
Thermal Pad
TO SPEAKER
Peaks
AVSW
Analog ASIC
Q4970
Q4971
Q4972
Q4973
Q4974
19
20
21
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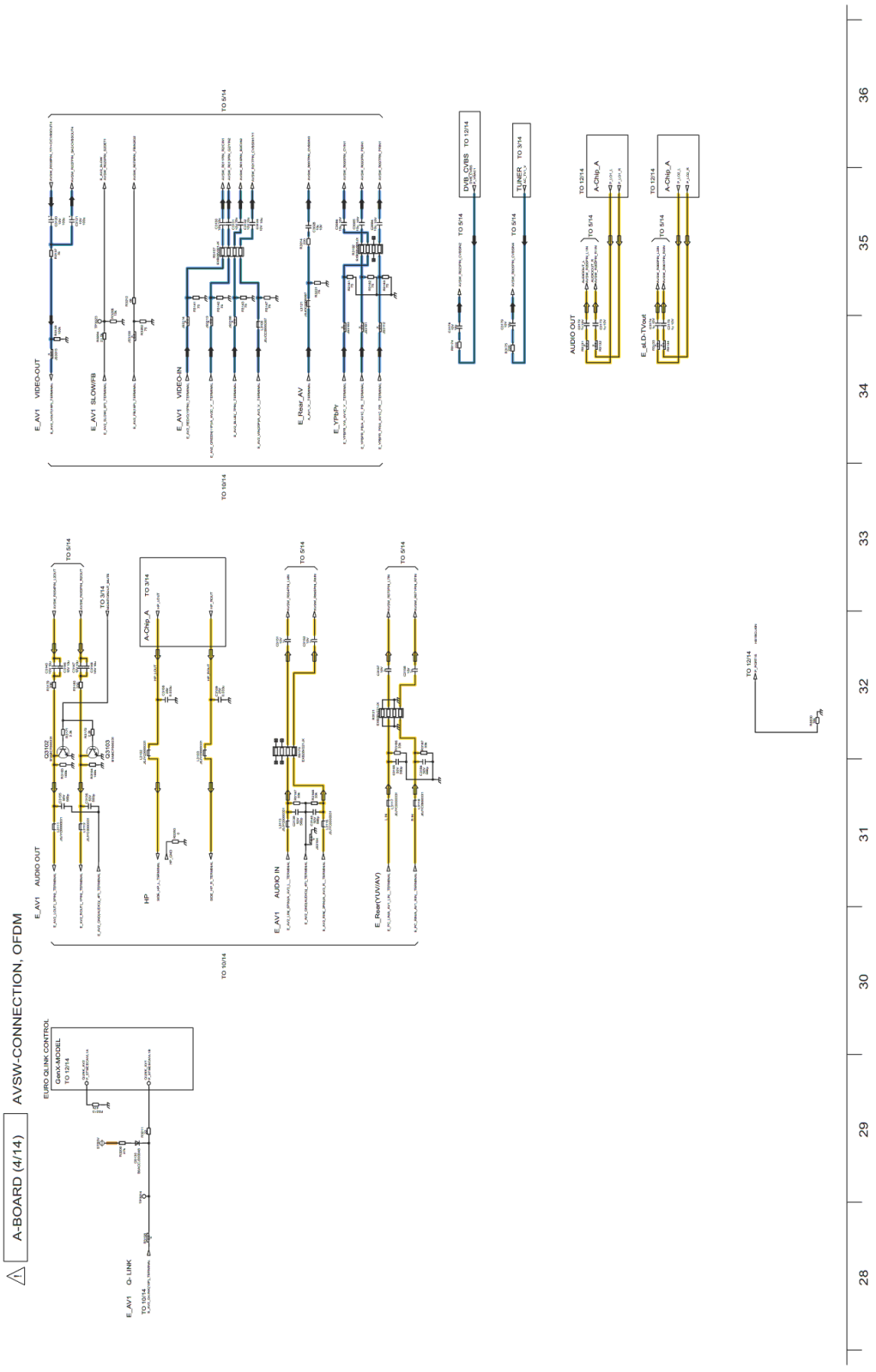
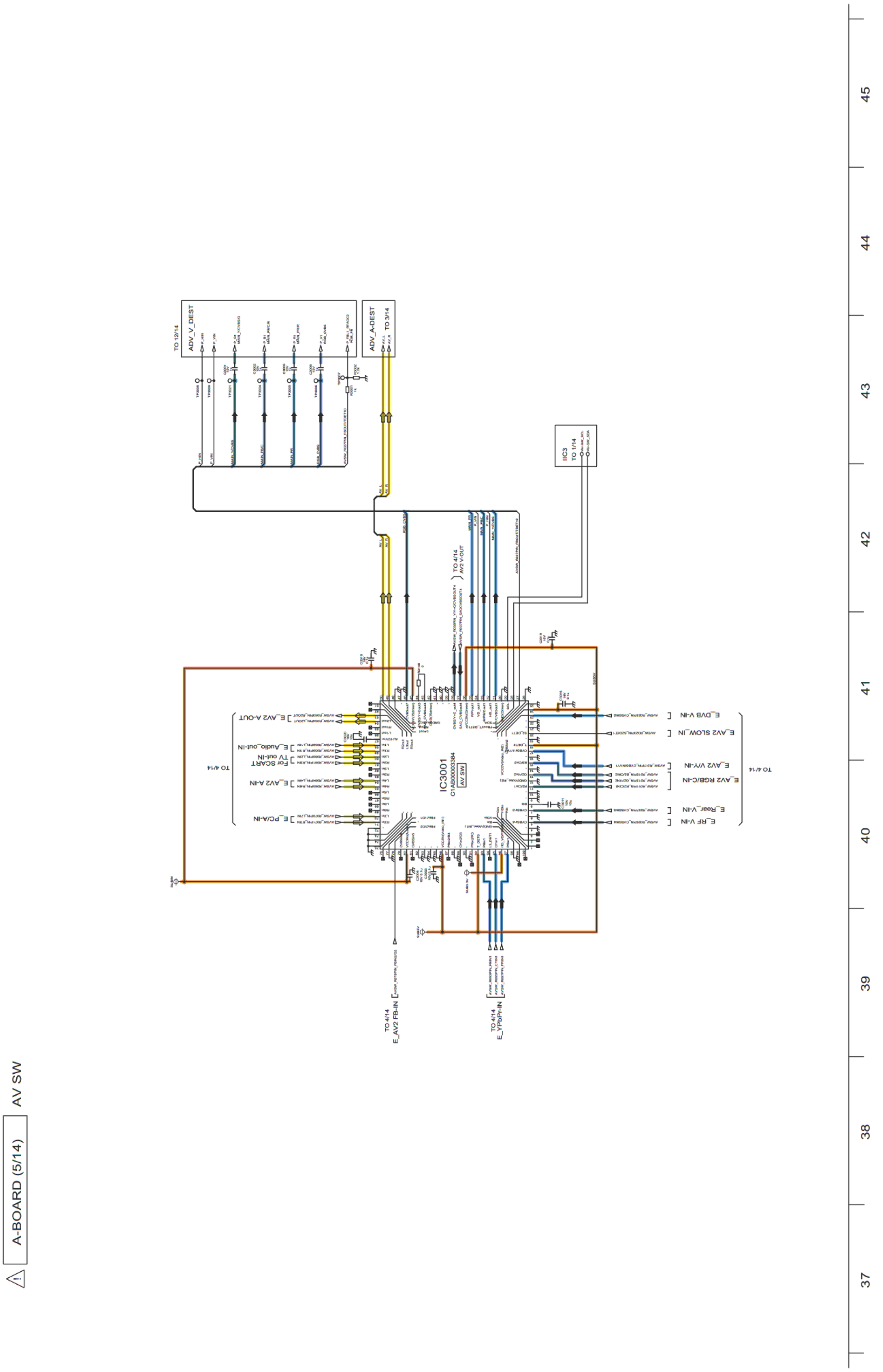
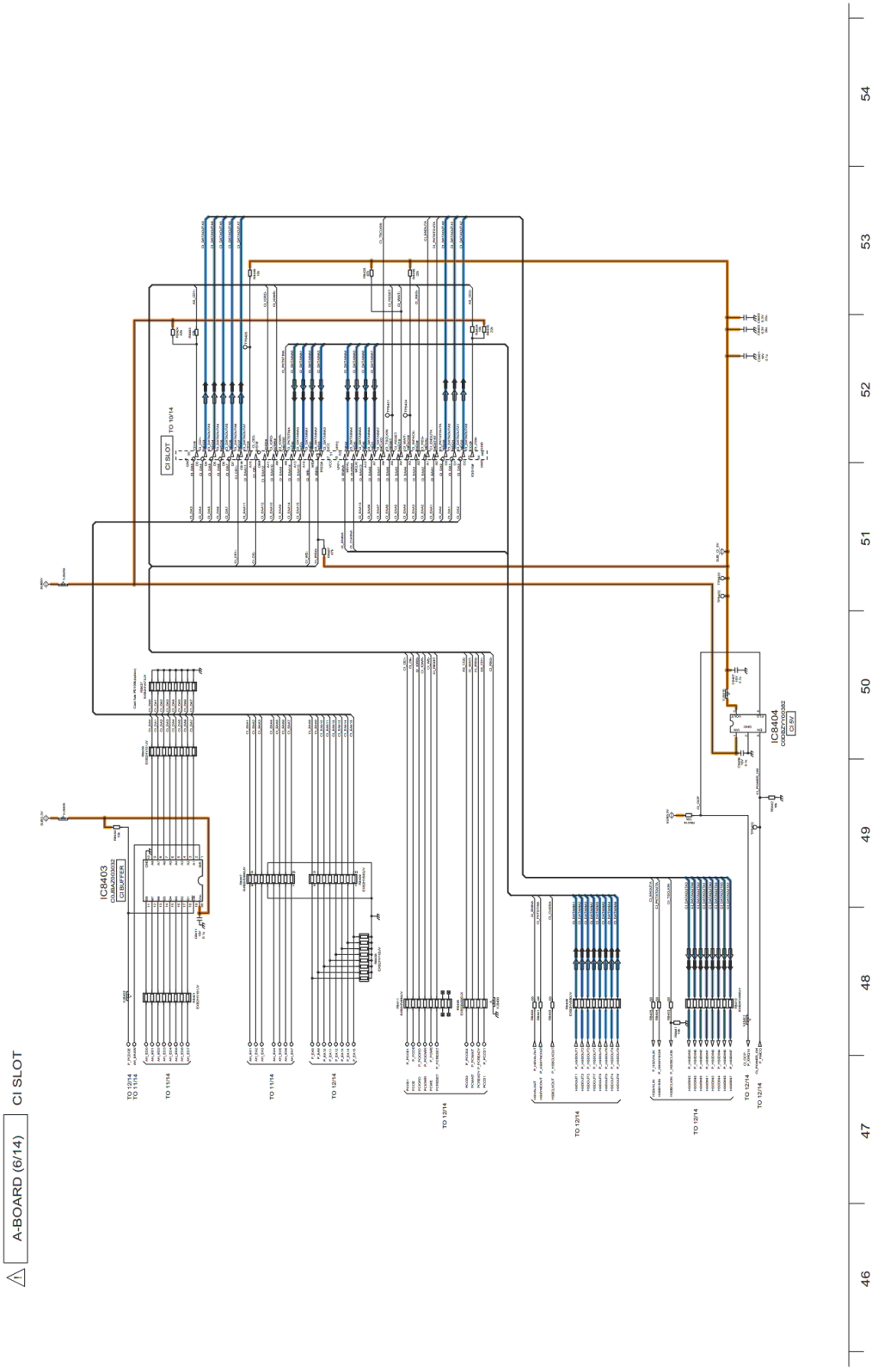
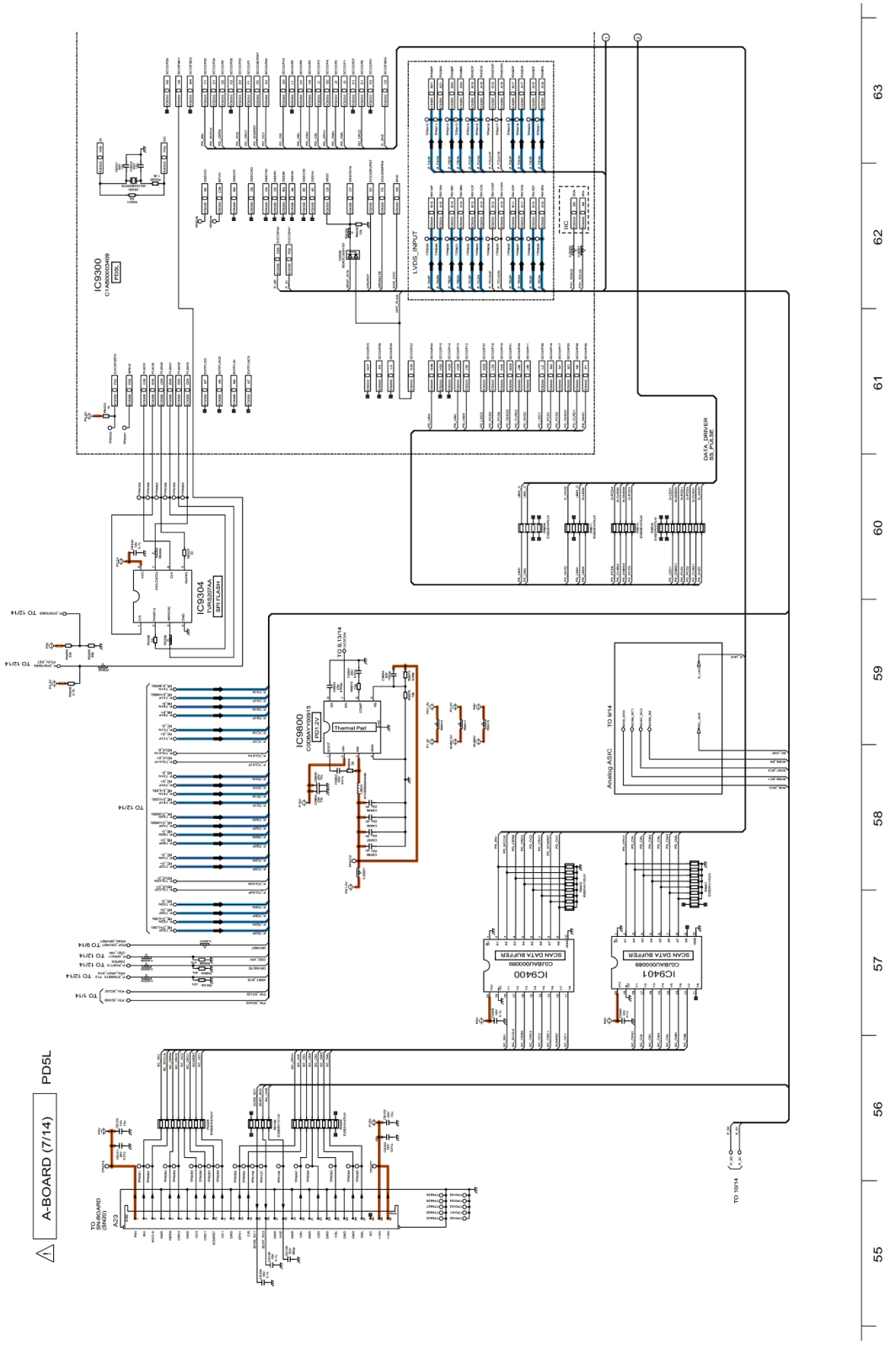
26
27

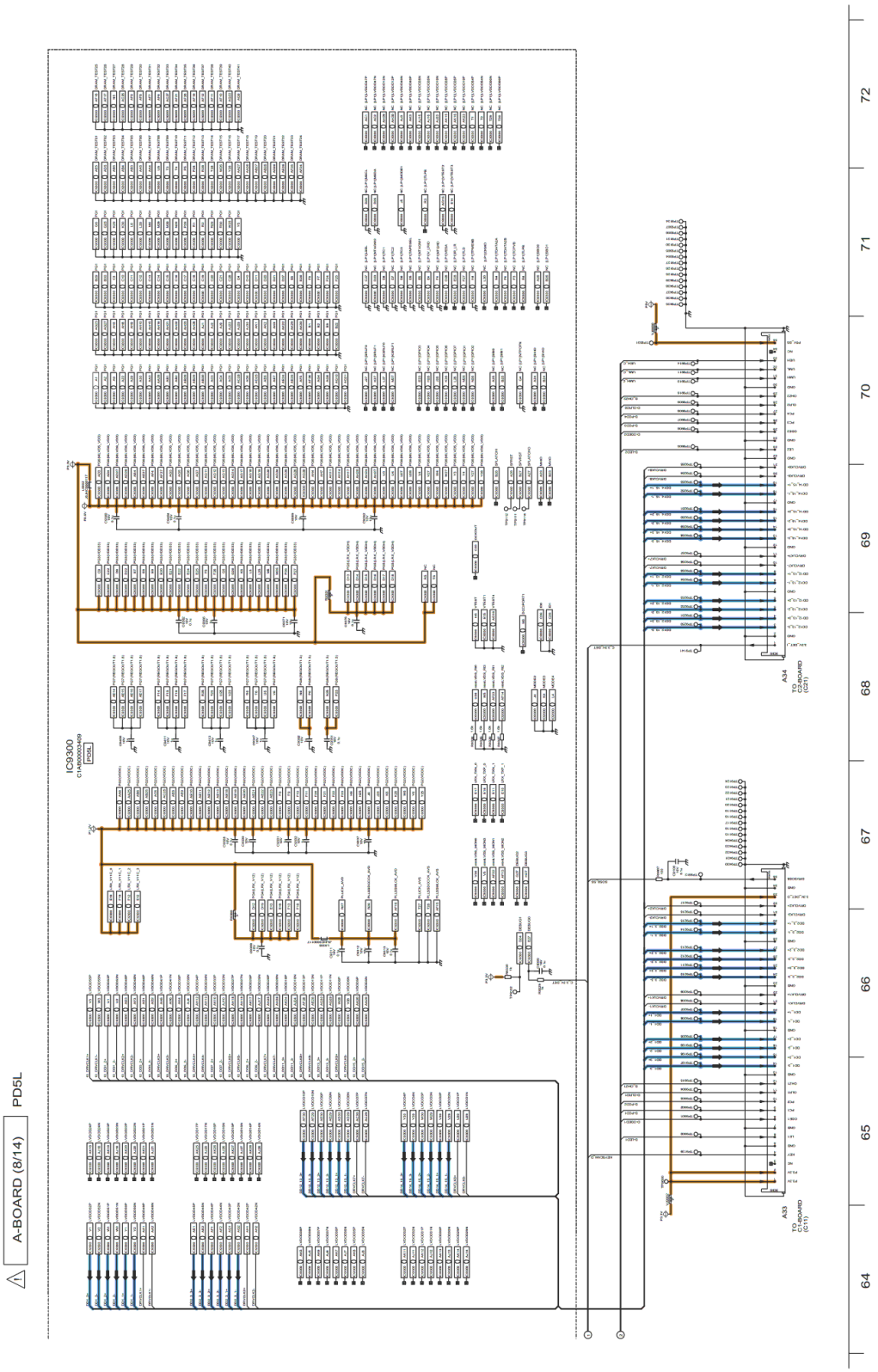

A-BOARD (4/14)
AVSW-CONNECTION, OFDM
28
29
30
31
32
33
34
35
36

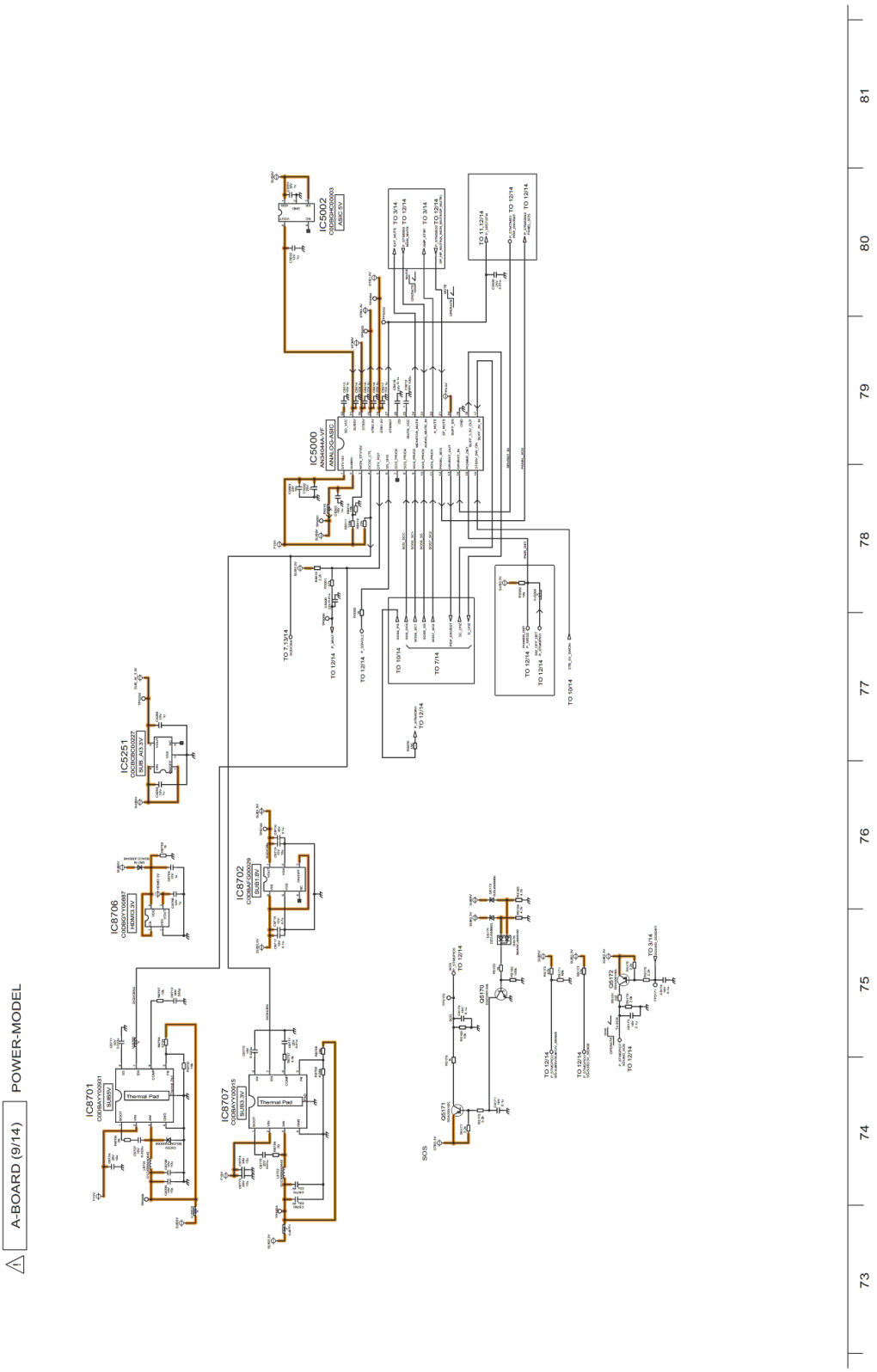

A-BOARD (5/14)
AV SW
IC3001
C1AB00003384
AV SW
TO 4/14
E_AV2 A-OUT
E_Audio_out-IN
TV out-IN
For SCART
E_AV2 A-IN
E_PC/A-IN
E_DVB V-IN
E_AV2 SLOW_IN
E_AV2 V/Y-IN
E_AV2 RGB/C-IN
E_Rear_V-IN
E_RF V-IN
TO 4/14
AV2 V-OUT
TO 12/14
ADV_V_DEST
ADV_A-DEST
TO 3/14
IIC3
TO 1/14
TO 4/14
E_AV2 FB-IN
TO 4/14
E_YPbPr-IN
37
38
39
40
41
42
43
44
45

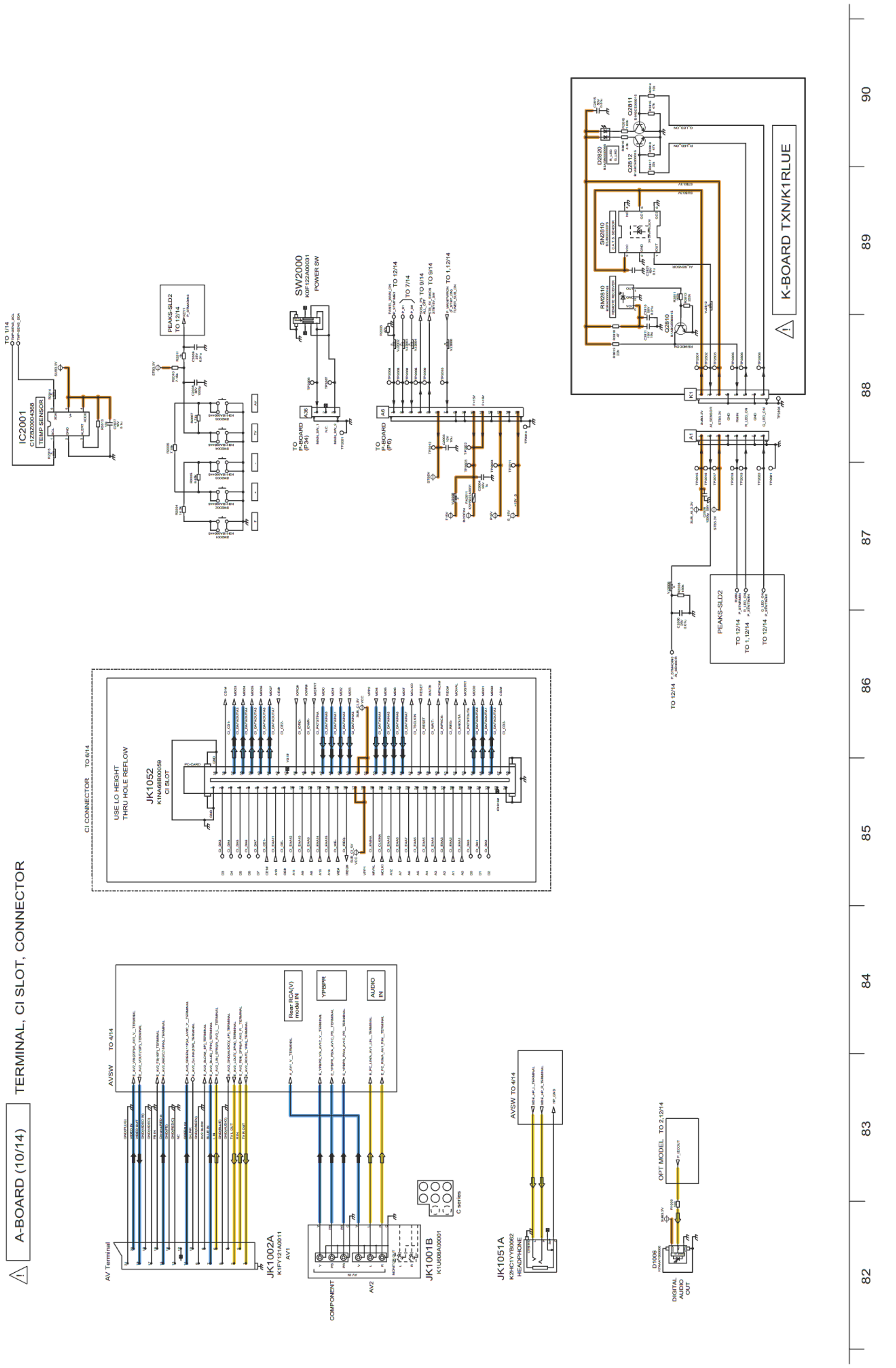

A-BOARD (6/14)
CI SLOT
IC8403
IC8404
CI SLOT
TO 10/14
TO 12/14
TO 11/14
46
47
48
49
50
51
52
53
54

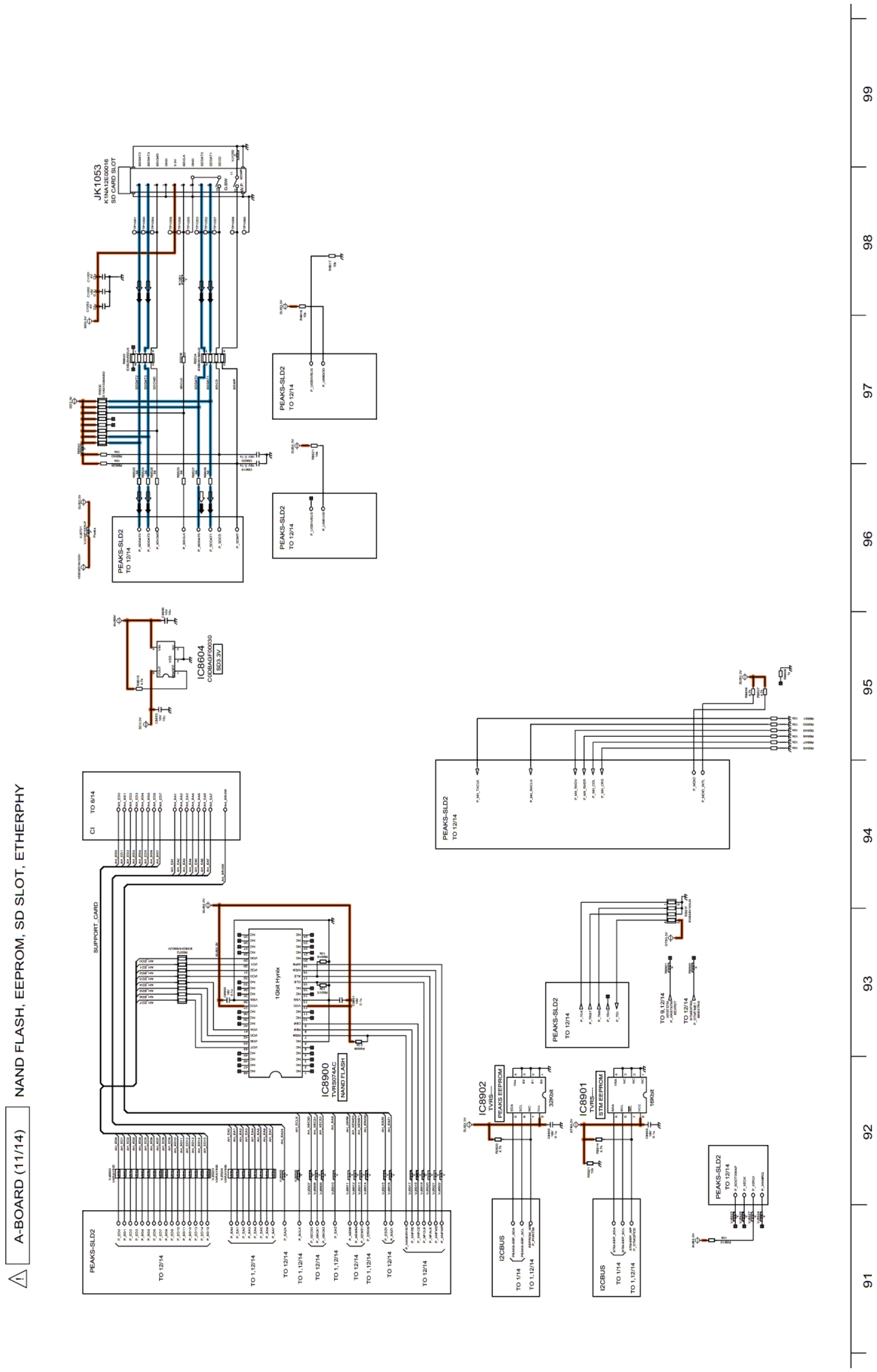

A-BOARD (7/14)
PD5L
IC9300
PD5L
LVDS_INPUT
DATA_DRIVER
IC9304
IC9800
Thermal Pad
Analog ASIC
IC9400
IC9401
SCAN DATA BUFFER
TO 12/14
TO 10/14
TO 9/14
TO 1/14
63
62
61
60
59
58
57
56
55

Model No. : TX-P42C3E/J, CX3E, PR42C3 A-Board (8/14)

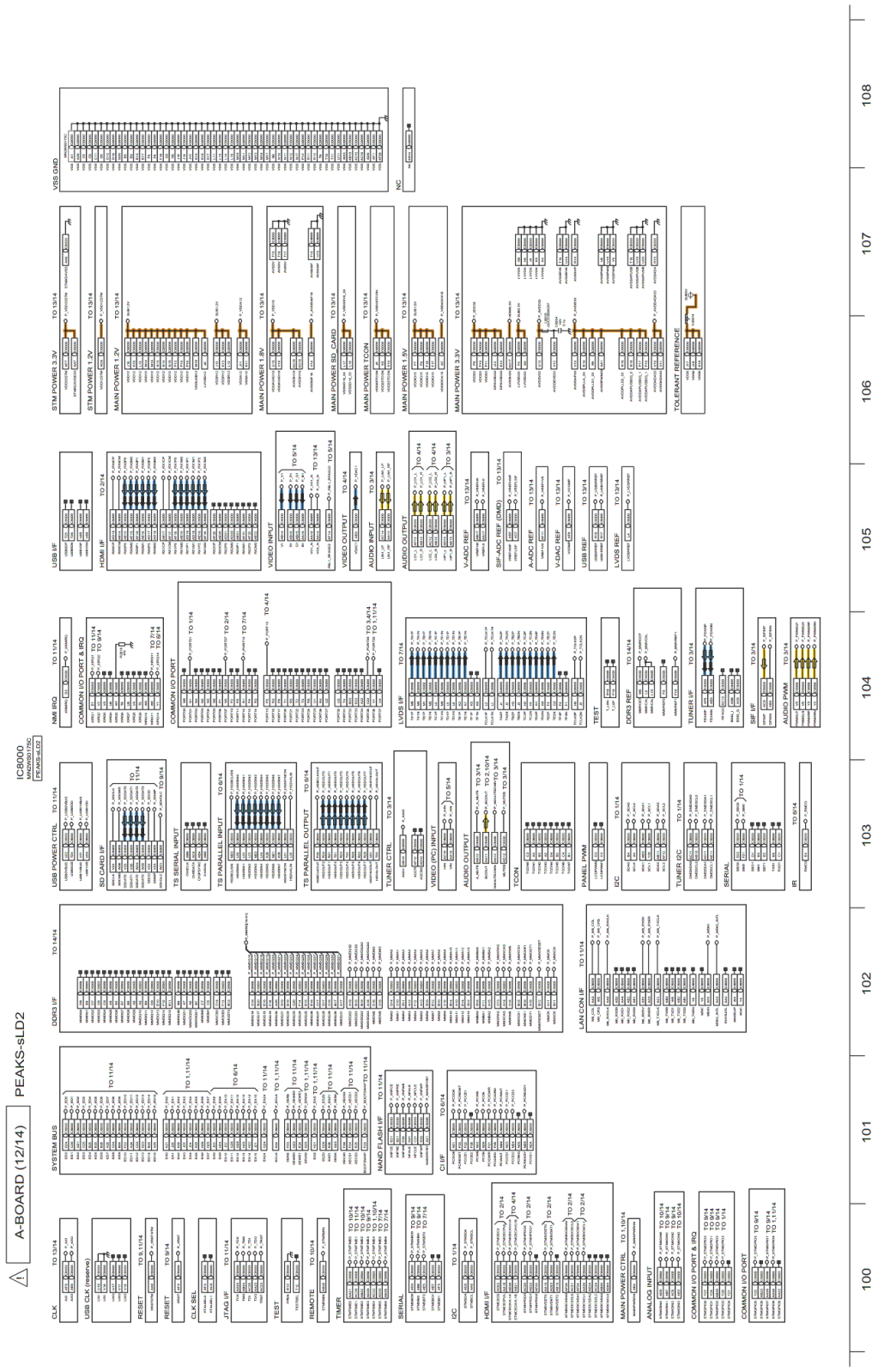


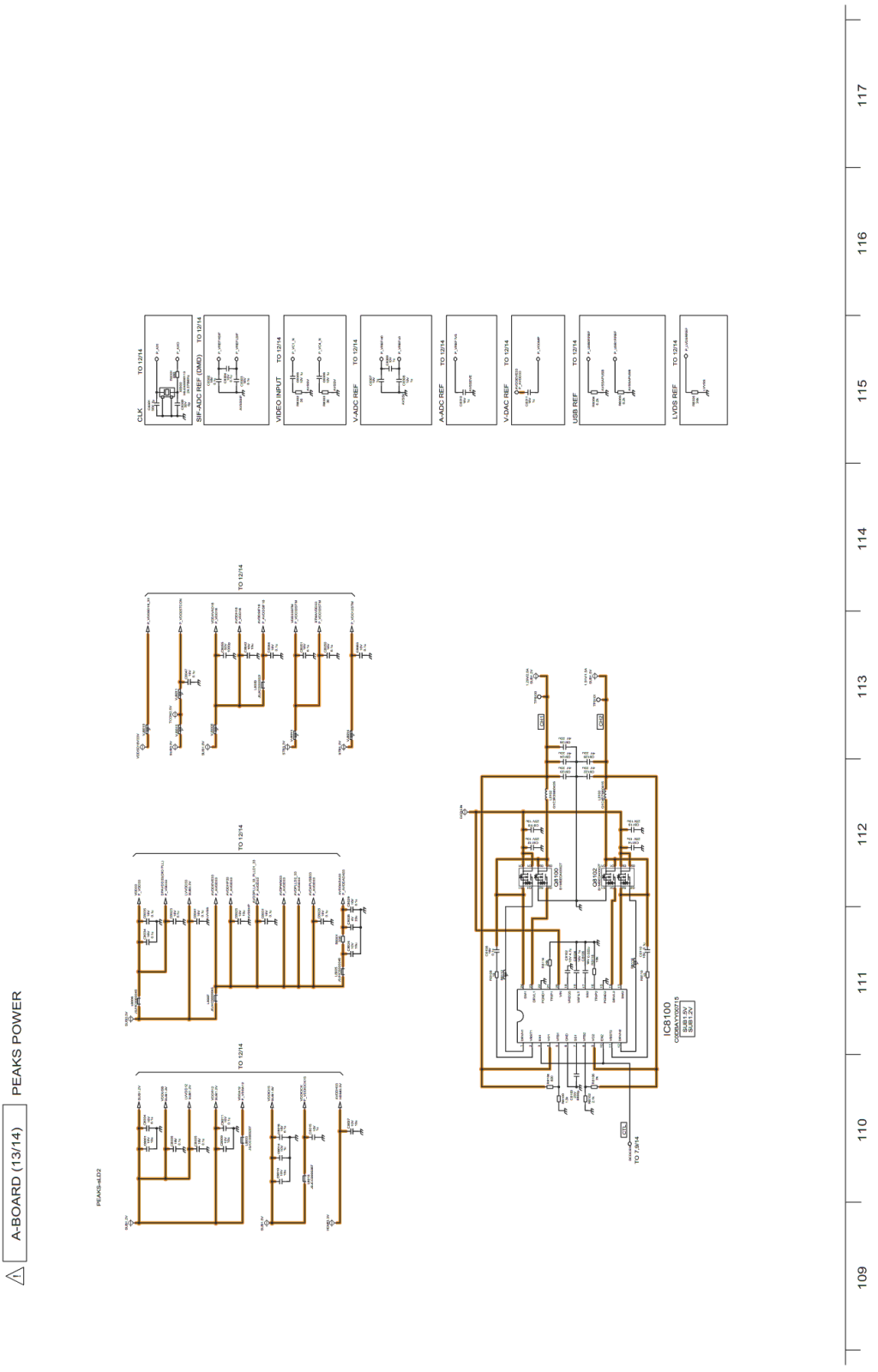

A-BOARD (9/14)
POWER-MODEL
IC5000
IC5002
IC5251
IC8706
IC8702
IC8701
IC8707
Thermal Pad
Thermal Pad
Q8170
Q8171
Q8172
SOS
73
74
75
76
77
78
79
80
81

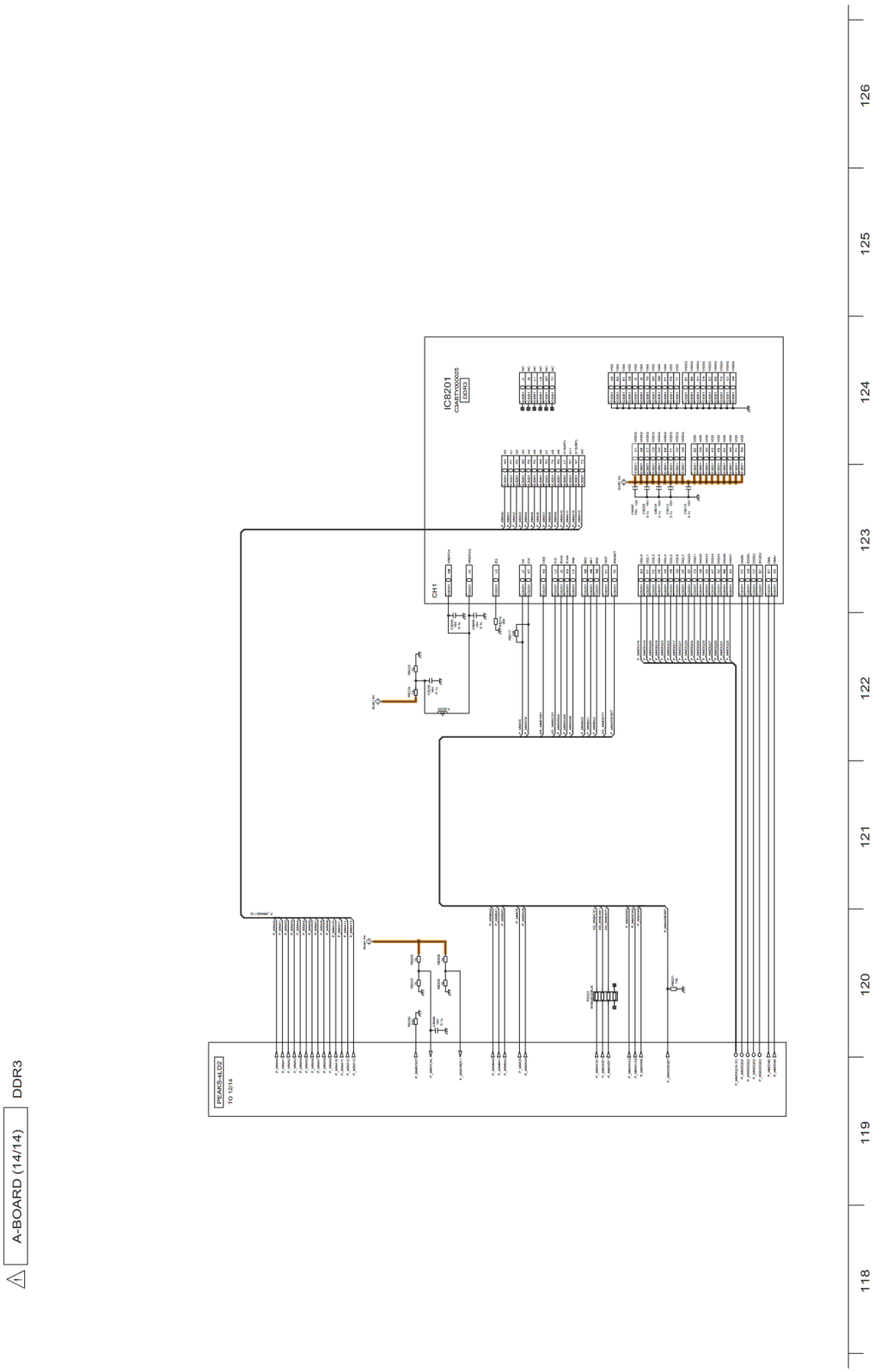

A-BOARD (10/14)
TERMINAL, CI SLOT, CONNECTOR
IC2001
TEMP SENSOR
SW2000
POWER SW
CI CONNECTOR
USE LO HEIGHT
THRU HOLE REFLOW
JK1052
CI SLOT
K-BOARD TXN/K1RLUE
AV Terminal
JK1002A
AV1
COMPONENT
AV2
JK1001B
C series
JK1051A
HEADPHONE
DIGITAL AUDIO OUT
OPT MODEL
PEAKS-SLD2
82
83
84
85
86
87
88
89
90

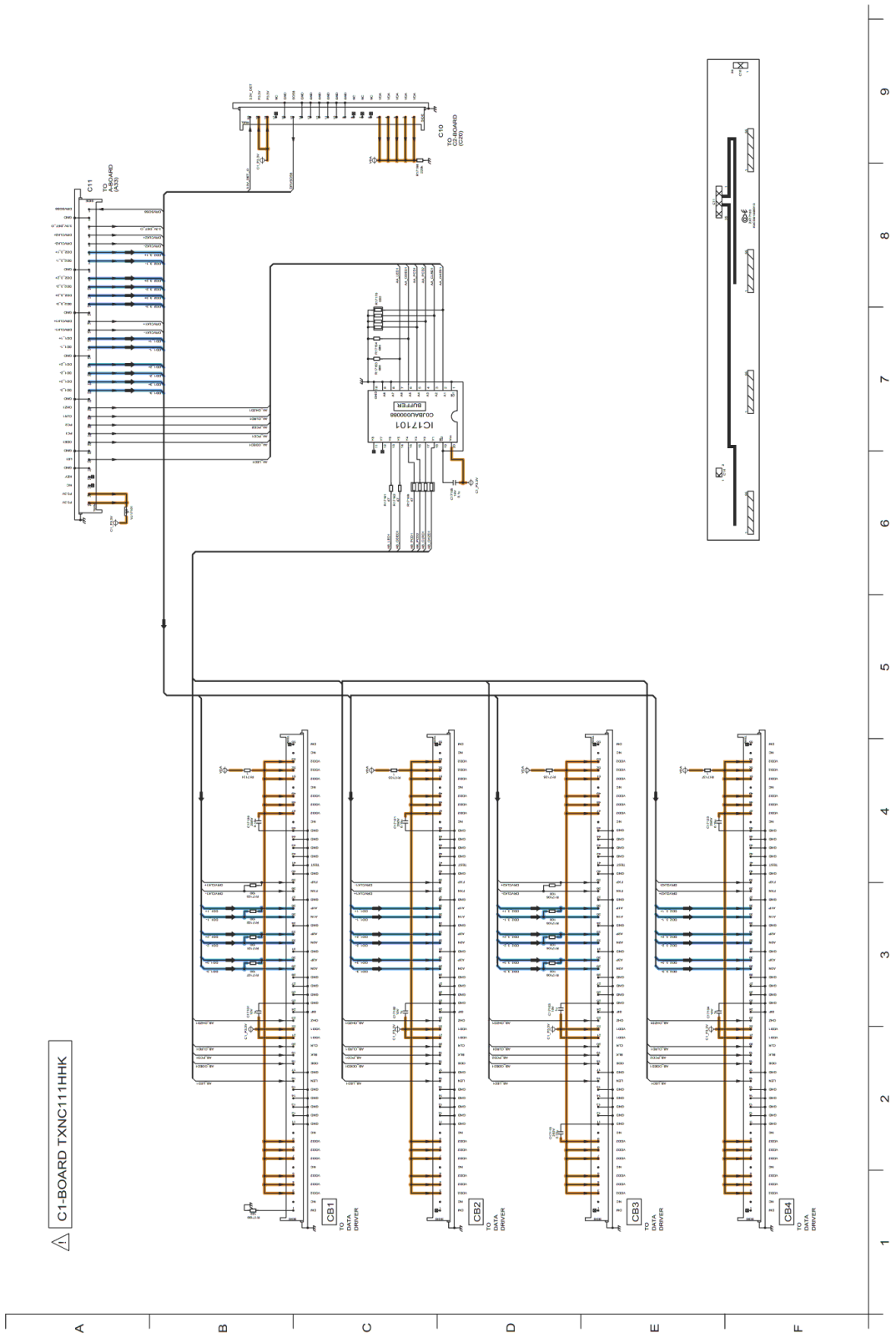


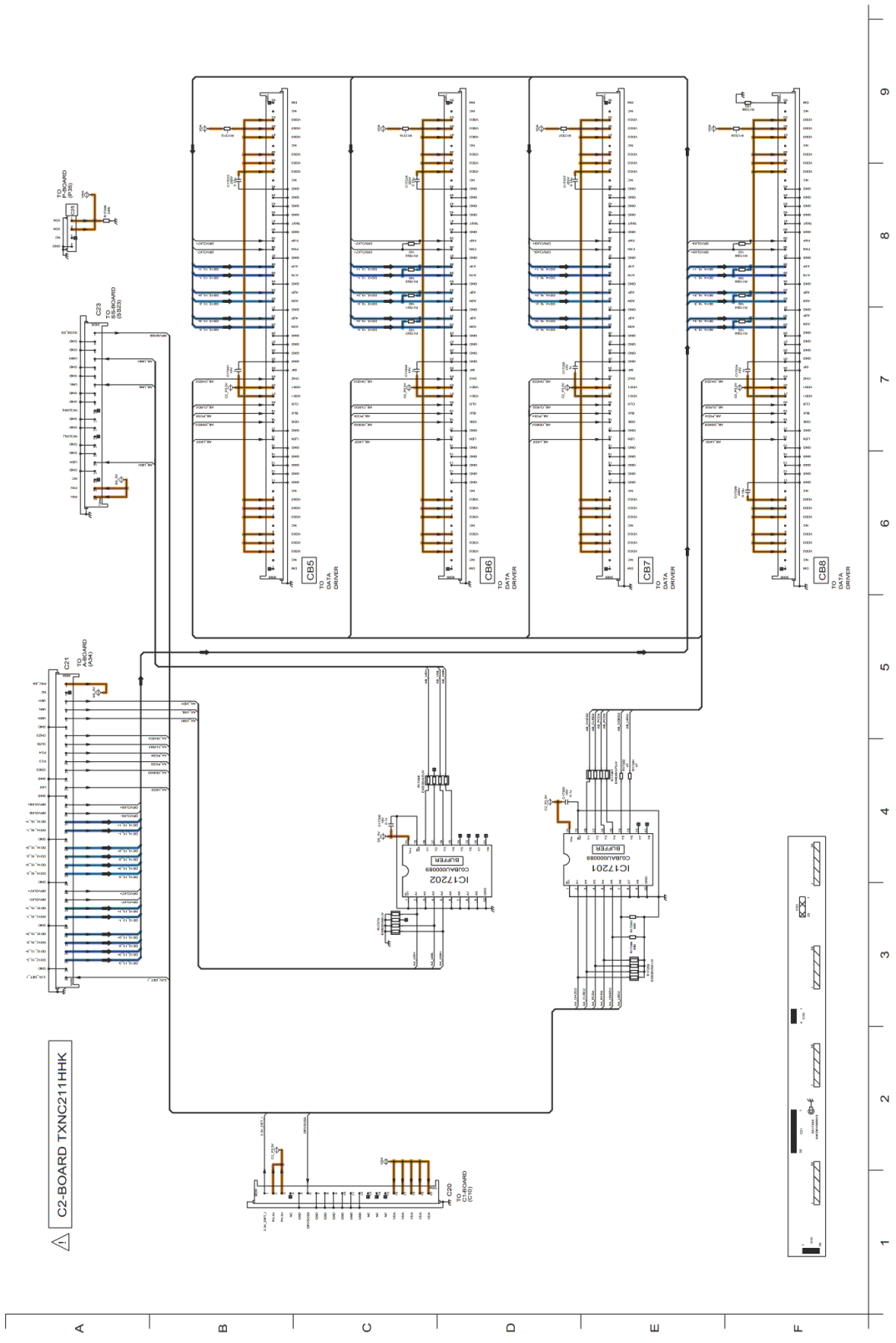
A-BOARD (11/14)
NAND FLASH, EEPROM, SD SLOT, ETHERPHY
JK1053
SD CARD SLOT
IC8604
IC8900
NAND FLASH
1Gbit Hynix
IC8902
PEAKS EEPROM
32Kbit
IC8901
STM EEPROM
16Kbit
PEAKS-SLD2
TO 12/14
CI
TO 6/14
SUPPORT_CARD
I2CBUS
TO 1/14
TO 1,12/14
99
98
97
96
95
94
93
92
91

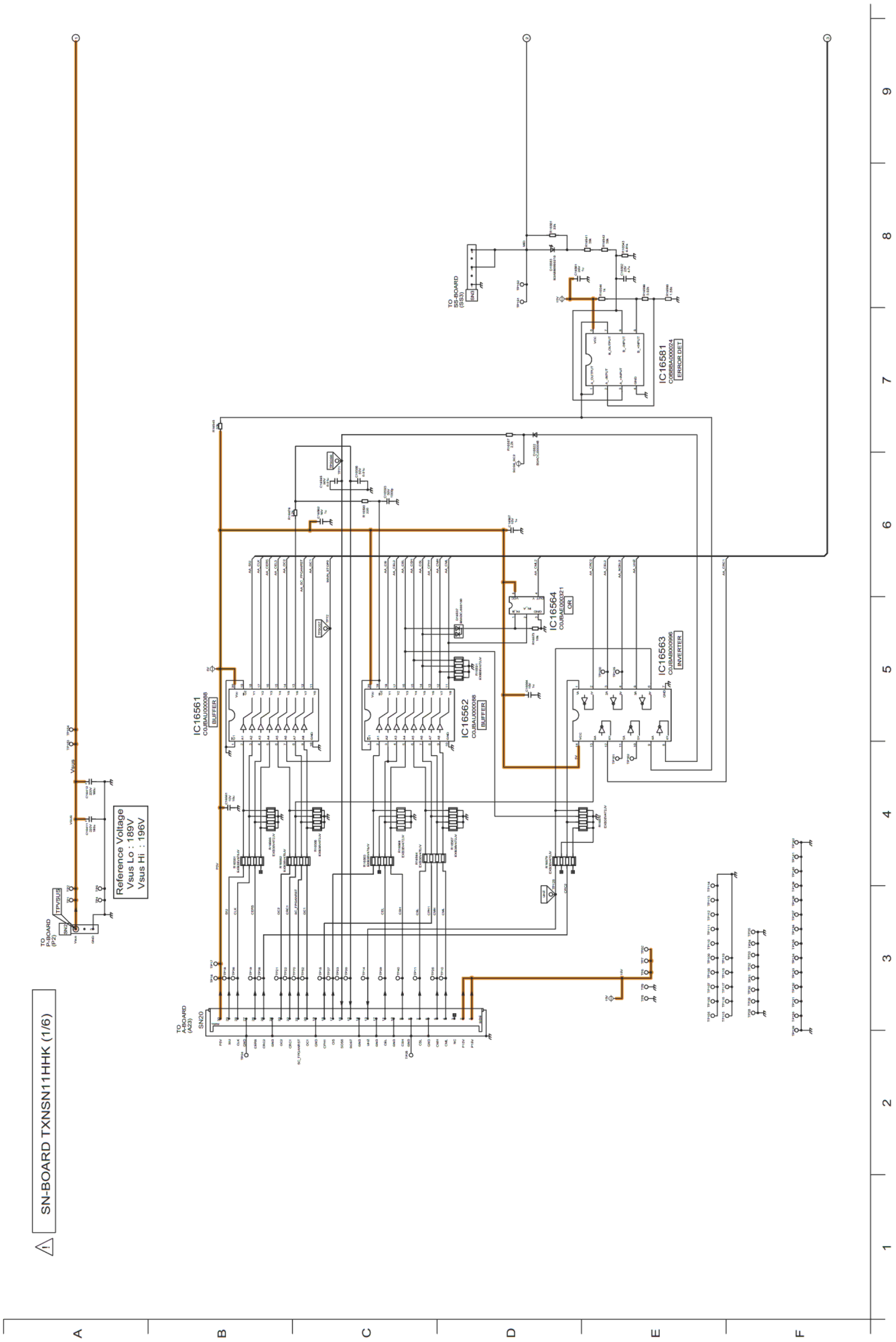

A-BOARD (12/14)
PEAKS-sLD2
IC8000
MN2WS0170C
(FEAKS-LD)
100
101
102
103
104
105
106
107
108
CLK
USB CLK (Internal)
RESET
CLK SEL
JTAG I/F
TEST
REMOTE
TIMER
SERIAL
I2C
HDMI I/F
MAIN POWER CTRL
ANALOG INPUT
COMMON I/O PORT & IRQ
COMMON I/O PORT
SYSTEM BUS
NAND FLASH I/F
CI I/F
DDR3 I/F
LAN CON I/F
USB POWER CTRL
SD CARD I/F
TS SERIAL INPUT
TS PARALLEL INPUT
TS PARALLEL OUTPUT
TUNER CTRL
VIDEO (PC) INPUT
AUDIO OUTPUT
TCON
PANEL PWM
NMI IRQ
COMMON I/O PORT & IRQ
COMMON I/O PORT
LVDS I/F
TEST
I2C
DDR3 REF
TUNER I/F
TUNER I2C
SERIAL
SIF I/F
AUDIO PWM
IR
USB I/F
HDMI I/F
VIDEO INPUT
VIDEO OUTPUT
AUDIO INPUT
AUDIO OUTPUT
V-ADC REF
SIF-ADC REF (DMD)
A-ADC REF
V-DAC REF
USB REF
LVDS REF
STM POWER 3.3V
STM POWER 1.2V
MAIN POWER 1.2V
MAIN POWER 1.8V
MAIN POWER SD_CARD
MAIN POWER TCON
MAIN POWER 1.5V
MAIN POWER 3.3V
TOLERANT REFERENCE
VSS GND
NC


A-BOARD (13/14)
PEAKS POWER
PEAKS-eLD2
CLK
SIF-ADC REF (DMD)
VIDEO INPUT
V-ADC REF
A-ADC REF
V-DAC REF
USB REF
LVDS REF
TO 12/14
IC8100
TO 7,8/14
109
110
111
112
113
114
115
116
117

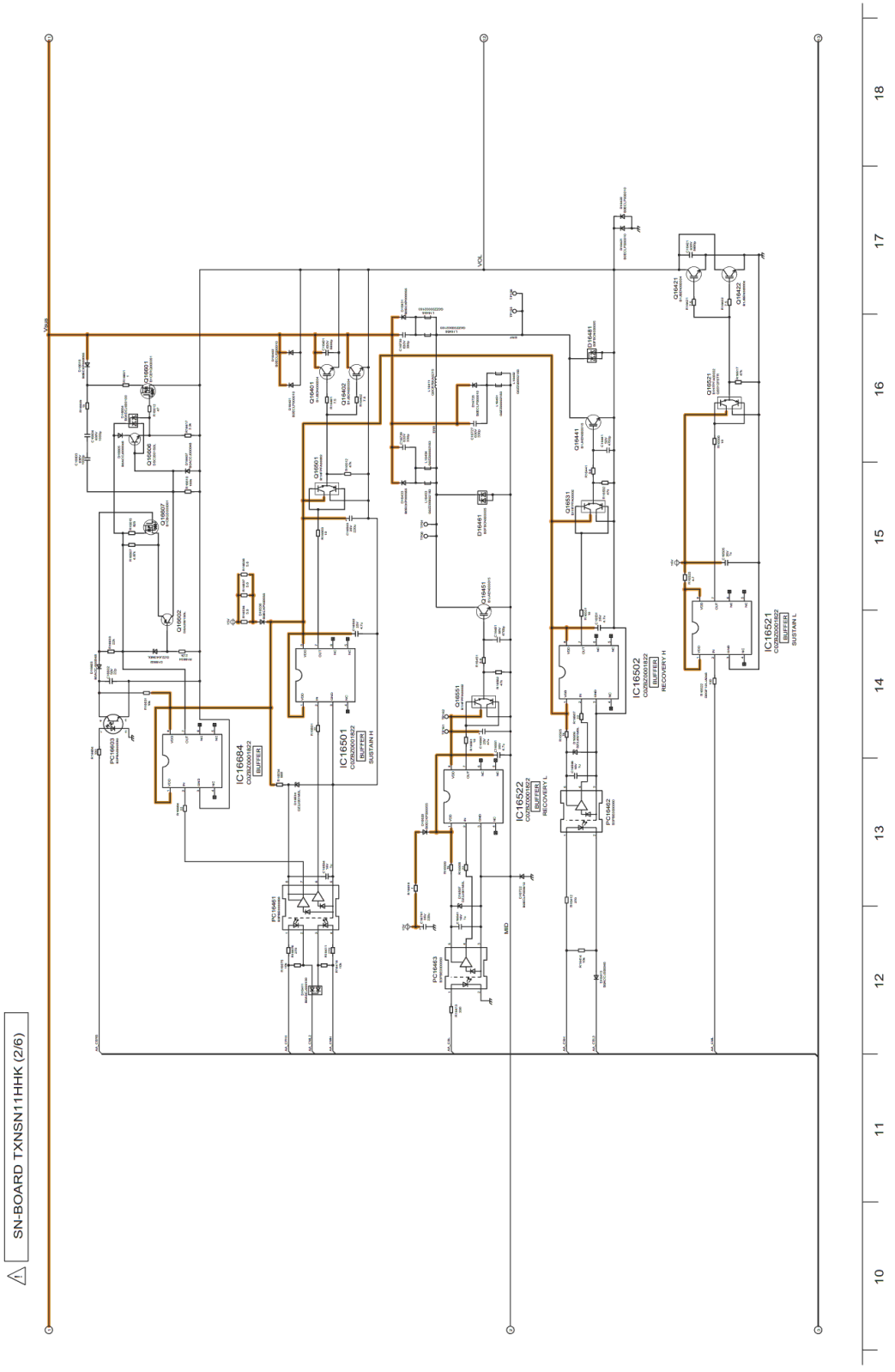

A-BOARD (14/14)
DDR3
IC8201
CH1
PEAKS-4L02
TO 12/14
126
125
124
123
122
121
120
119
118


C1-BOARD TXNC111HHK
CB1
CB2
CB3
CB4
TO DATA DRIVER
C11
TO A-BOARD (A33)
C10
TO A-BOARD (C20)
BUFFER
IC17101
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

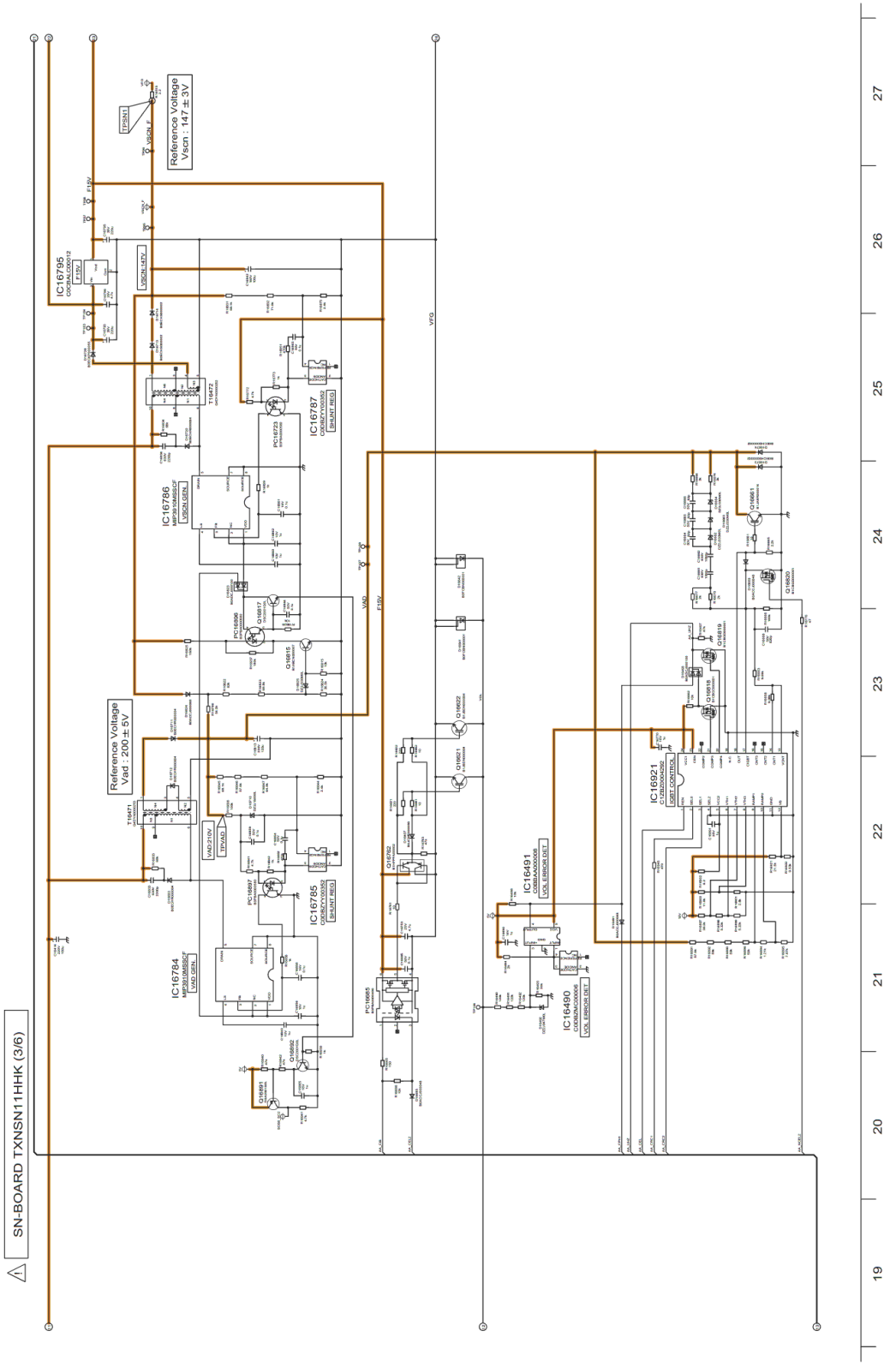

C2-BOARD TXNC211HHK
CB5
TO DATA DRIVER
CB6
TO DATA DRIVER
CB7
TO DATA DRIVER
CB8
TO DATA DRIVER
C20
TO C1 BOARD (C10)
C21
TO A BOARD (A04)
C23
TO A BOARD (S823)
TO P BOARD (P36)
IC17202
BUFFER
IC17201
BUFFER
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

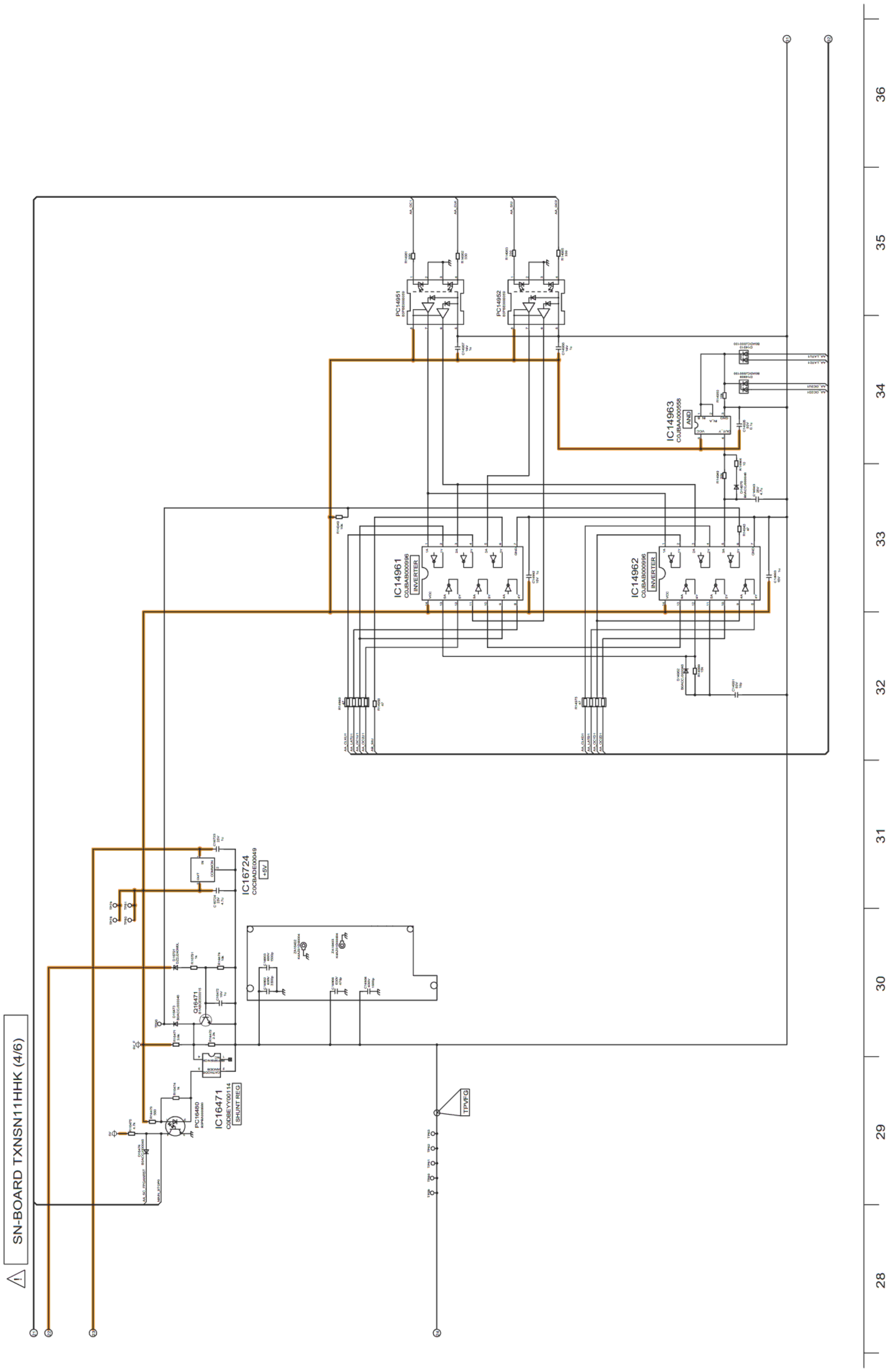


SN-BOARD TXNSN11HHK (1/6)
Reference Voltage
Vsus Lo : 189V
Vsus Hi : 196V
IC16561
BUFFER
IC16562
BUFFER
IC16563
INVERTER
IC16564
OR
IC16581
ERROR DET

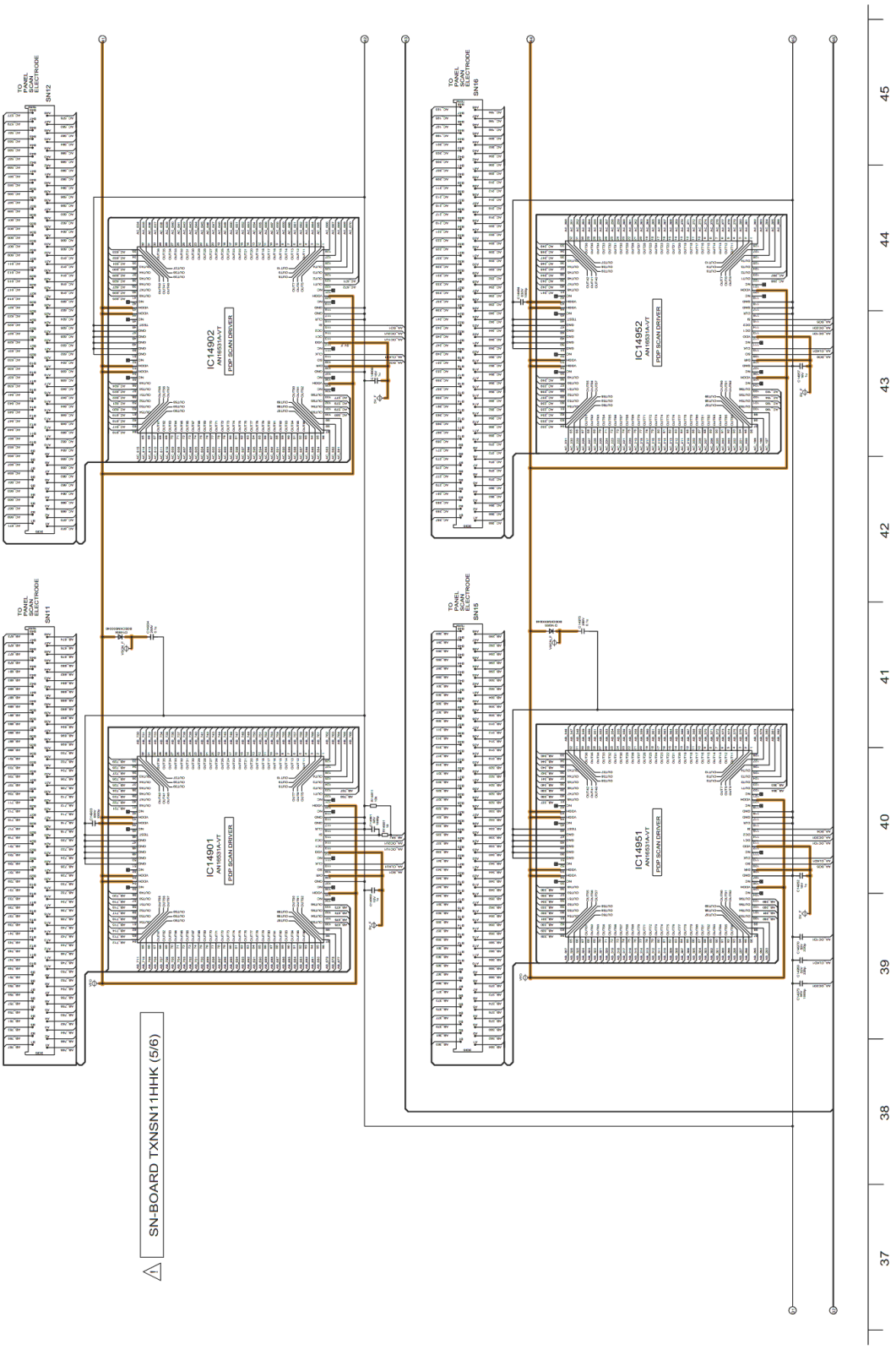

SN-BOARD TXNSN11HHK (2/6)
IC16684
IC16501
IC16502
IC16522
IC16521
BUFFER
SUSTAIN H
RECOVERY L
RECOVERY H
SUSTAIN L
MID
VOL
10
11
12
13
14
15
16
17
18

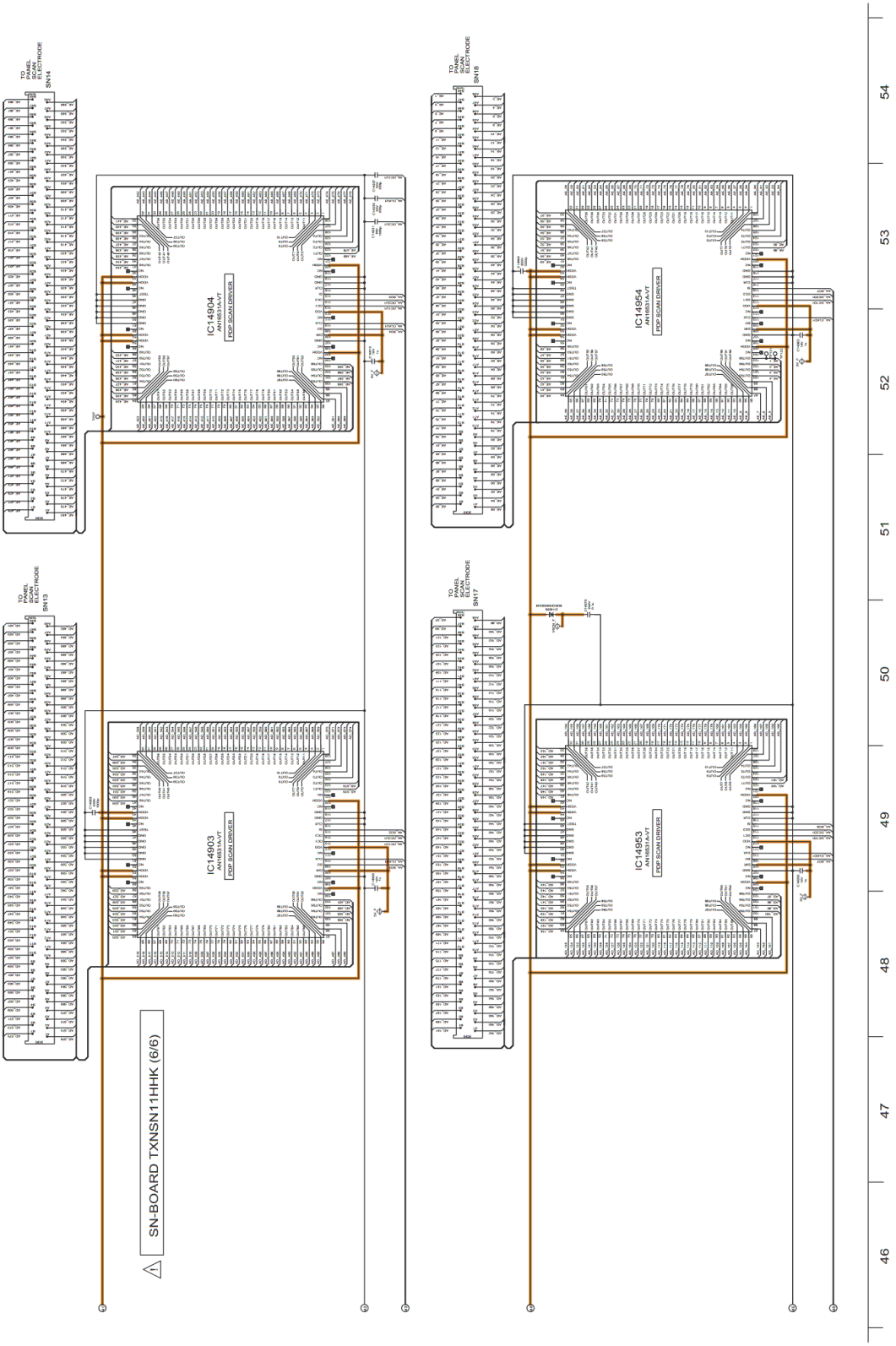
Model No. : TX-P42C3E/J, CX3E, PR42C3 SN-Board (3/6)



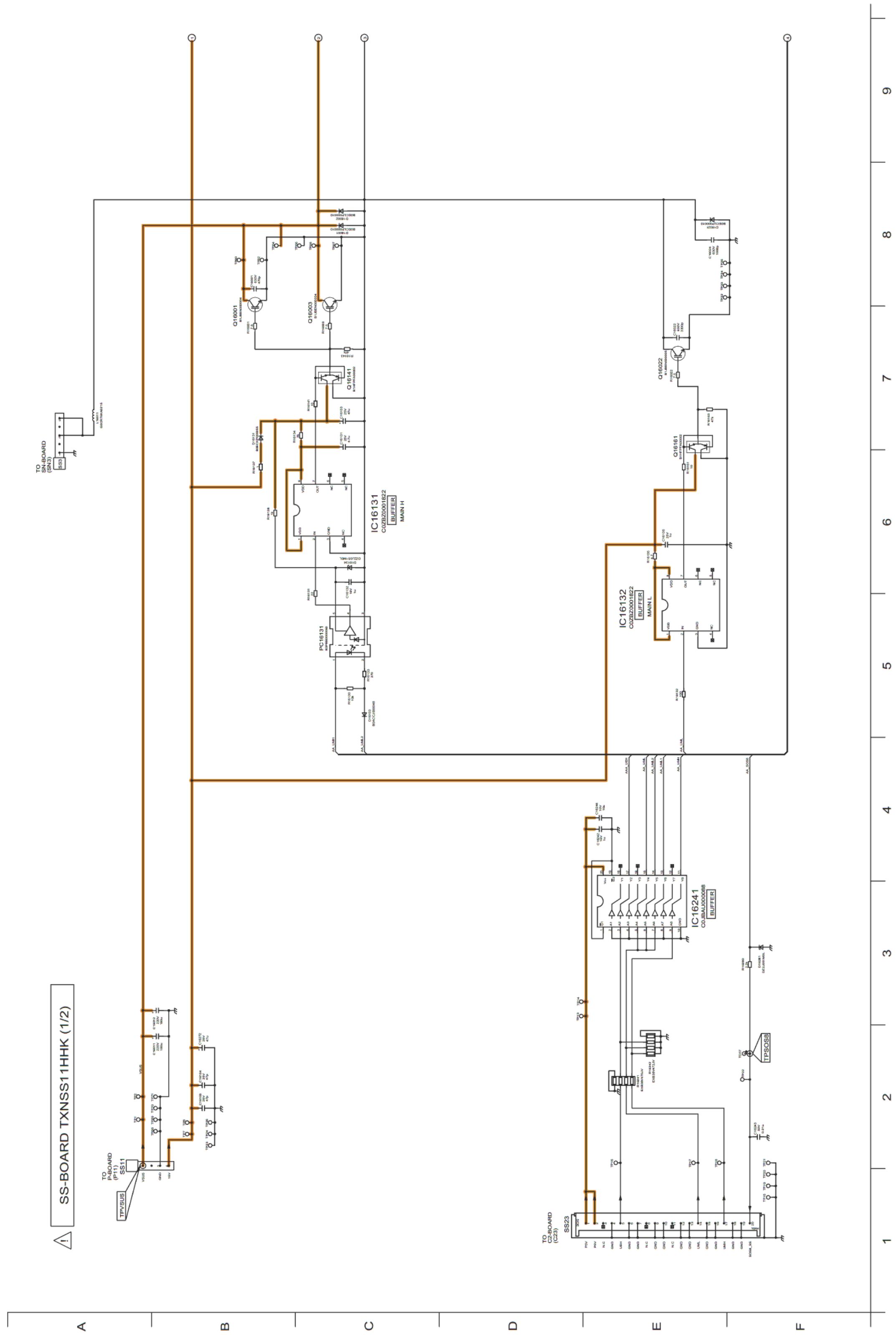

SN-BOARD TXNSN11HHK (4/6)
PC14951
PC14952
IC14963
AND
IC14961
INVERTER
IC14962
INVERTER
IC16724
+5V
Q16471
PC16450
IC16471
SHUNT REG
TPVFG
28
29
30
31
32
33
34
35
36

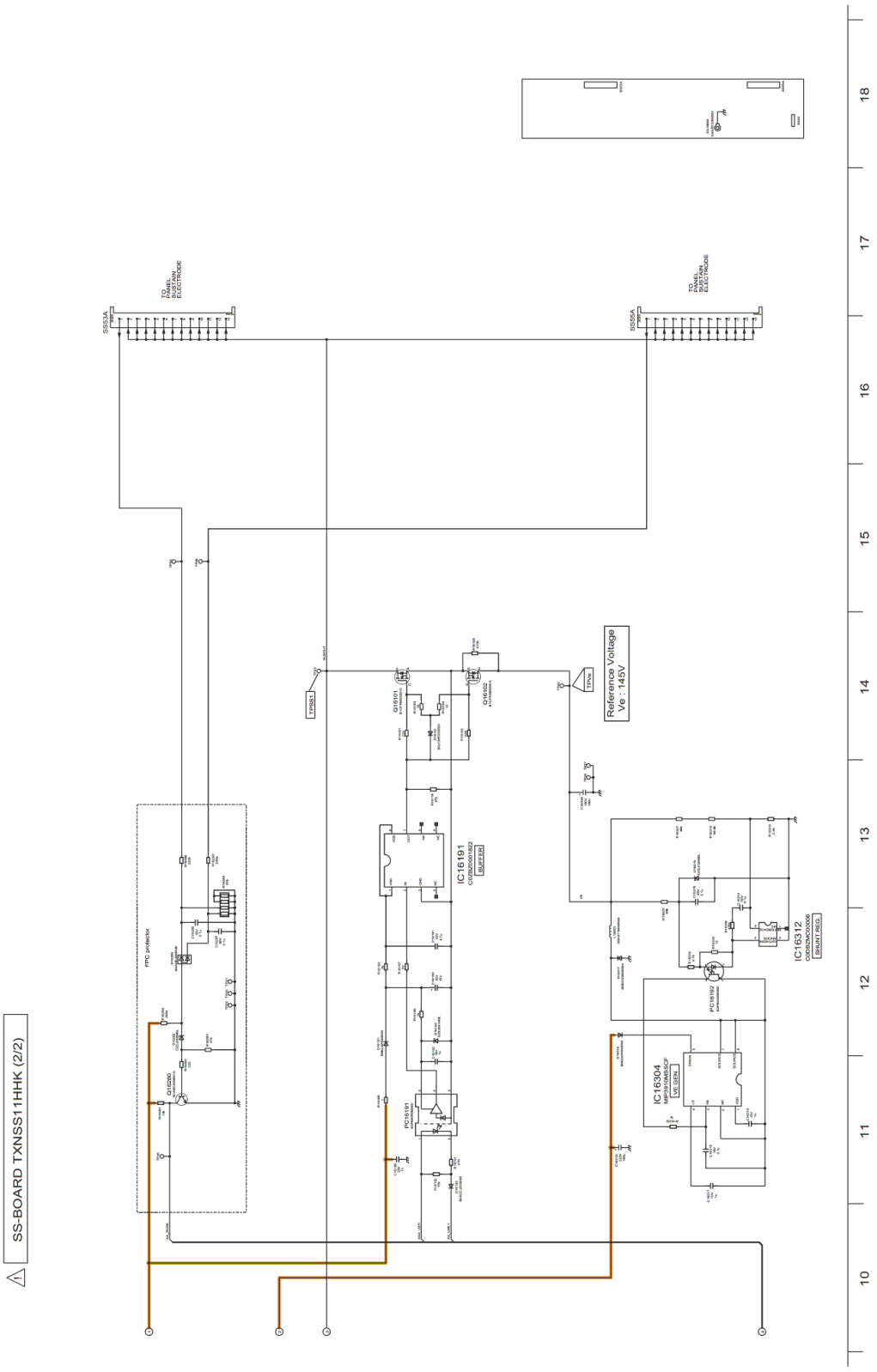
Model No. : TX-P42C3E/J, CX3E, PR42C3 SN-Board (5/6)



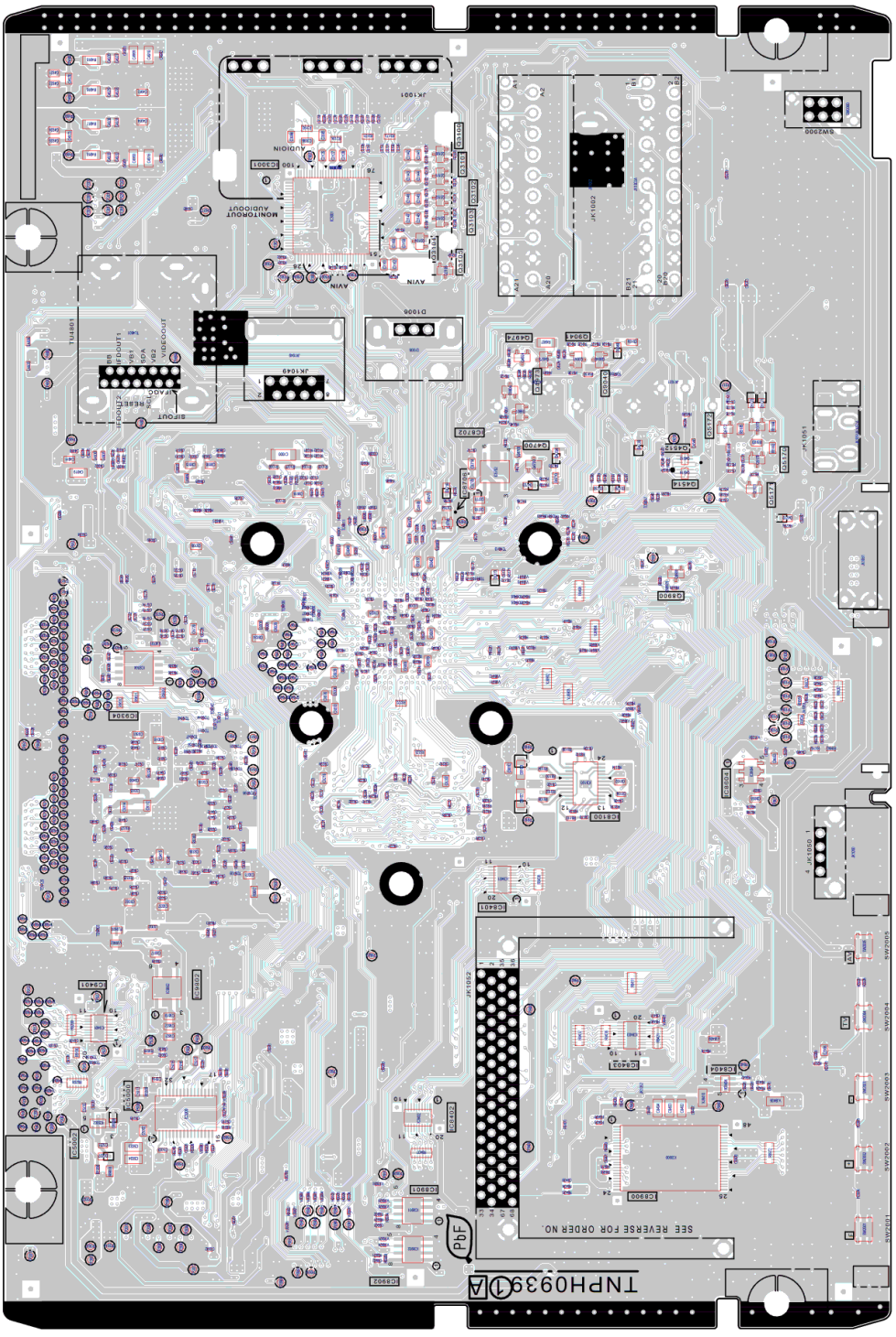

SN-BOARD TXNSN11HHK (6/6)
IC14904
AN16931A-VT
PDP SCAN DRIVER
IC14954
AN16931A-VT
PDP SCAN DRIVER
IC14903
AN16931A-VT
PDP SCAN DRIVER
IC14953
AN16931A-VT
PDP SCAN DRIVER
TO PANEL SCAN ELECTRODE SN14
TO PANEL SCAN ELECTRODE SN16
TO PANEL SCAN ELECTRODE SN15
TO PANEL SCAN ELECTRODE SN17
46
47
48
49
50
51
52
53
54

Model No. : TX-P42C3E/J, CX3E, PR42C3   SS-Board (1/2)

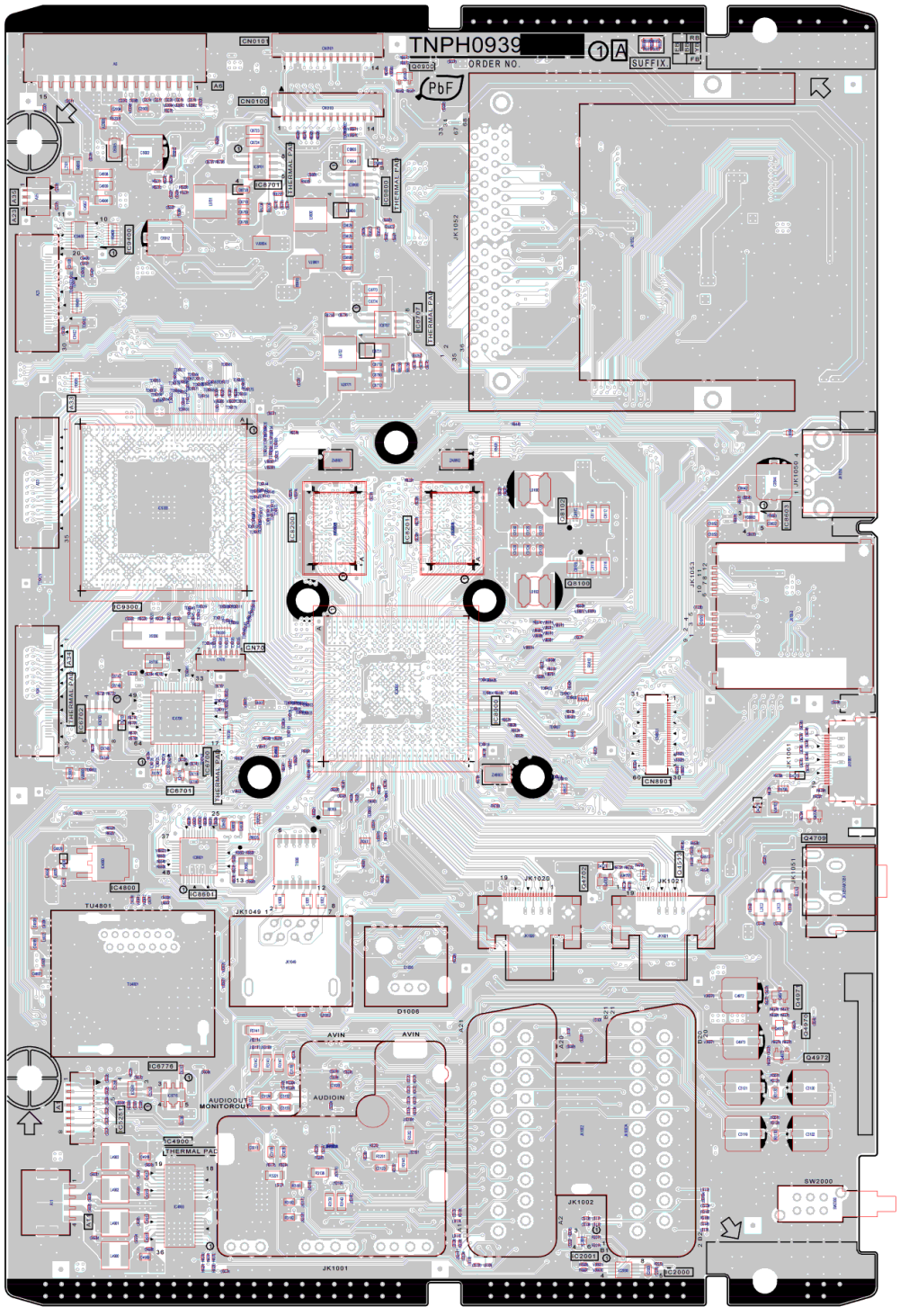


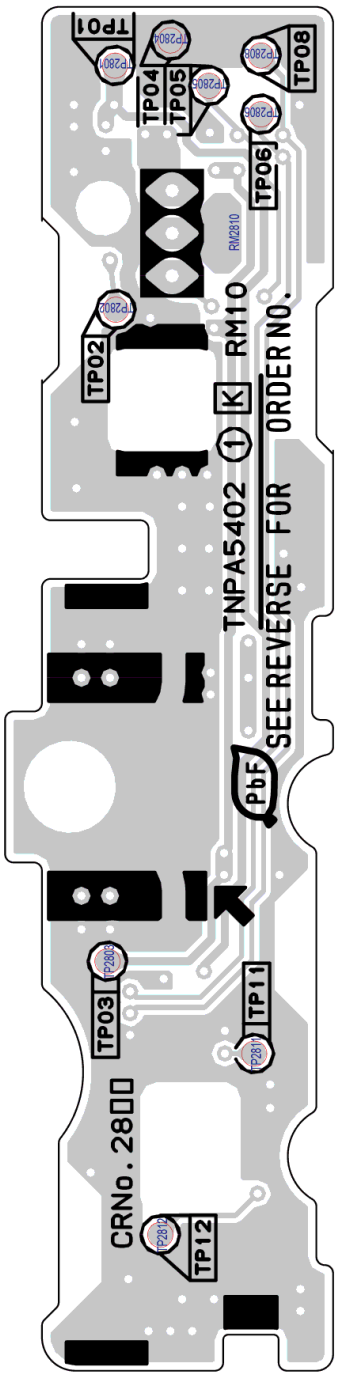

SS-BOARD TXNSS11HHK (2/2)
SS53A
SS55A
TO PANEL SUSTAIN ELECTRODE
TO PANEL SUSTAIN ELECTRODE
FPC protector
Reference Voltage
Ve : 145V
IC16191
IC16312
IC16304
10
11
12
13
14
15
16
17
18

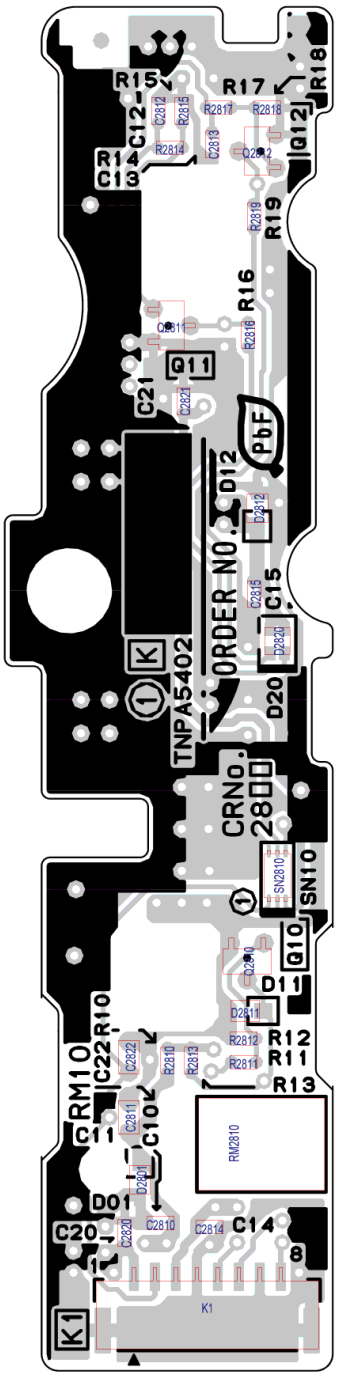
Model No. : TX-P42C3E/J, CX3E, PR42C3 A-Board (Foil side)

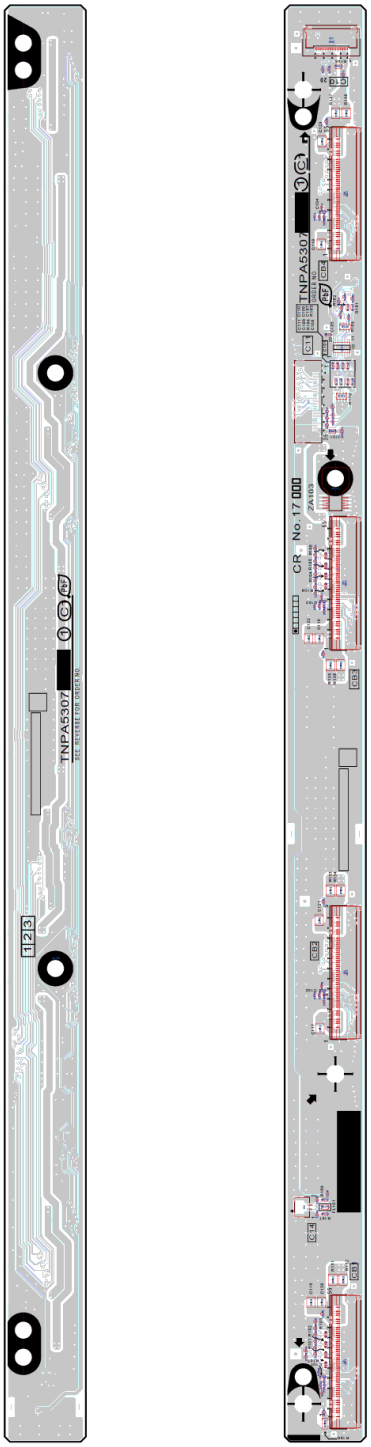


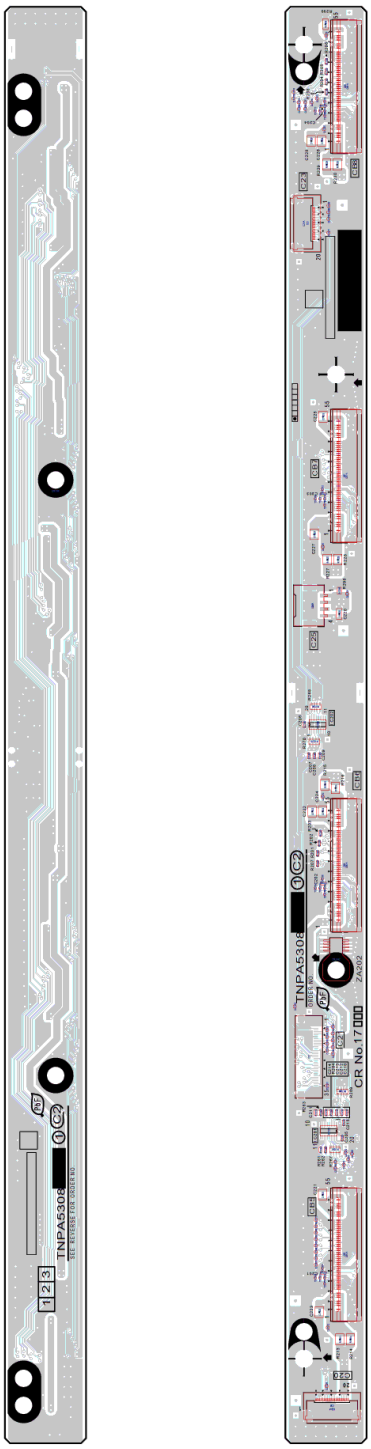
Model No. : TX-P42C3E/J, CX3E, PR42C3 A-Board (Component side)

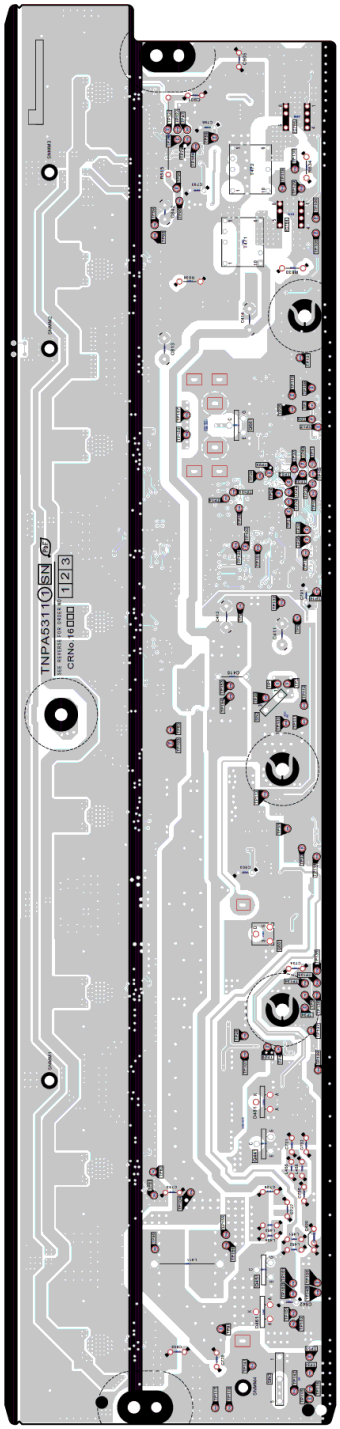


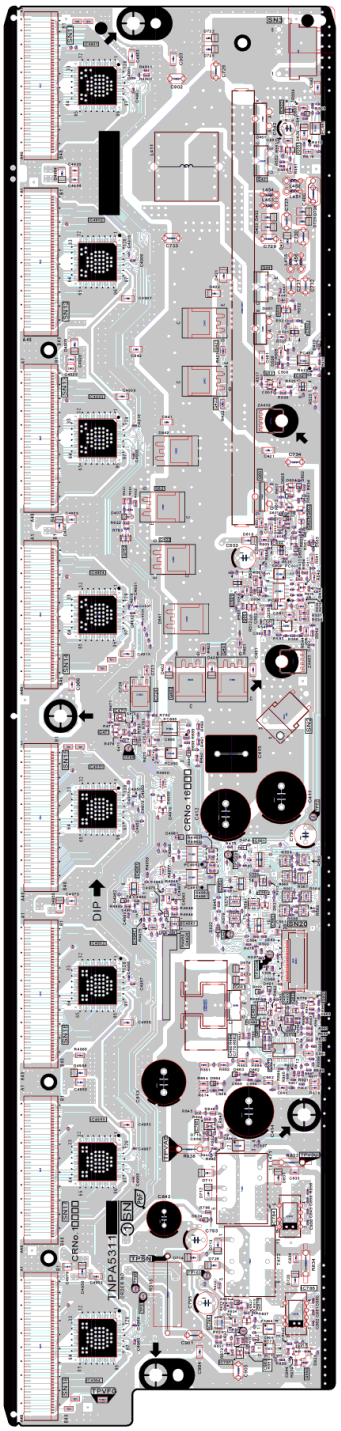

TP01
TP04
TP05
TP08
TP06
TP02
RM10
K
TNPA5402
SEE REVERSE FOR ORDER NO.
PbF
TP03
TP11
CRNo. 2800
TP12

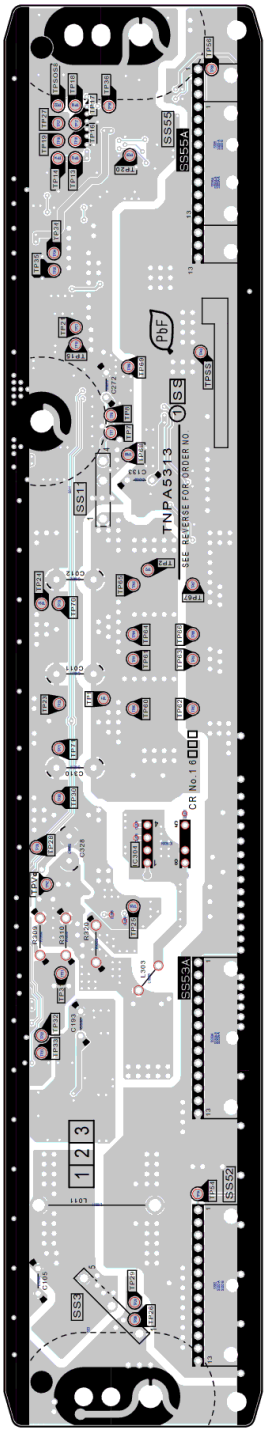

R15
R17
R18
C12
R14
C13
Q12
R19
R16
Q11
C21
PbF
D12
ORDER NO.
C15
K
TNPA5402
D20
CRNo.
2800
SN10
Q10
D11
R10
C22
RM10
R12
R11
R13
C11
C10
D01
C20
C14
K1

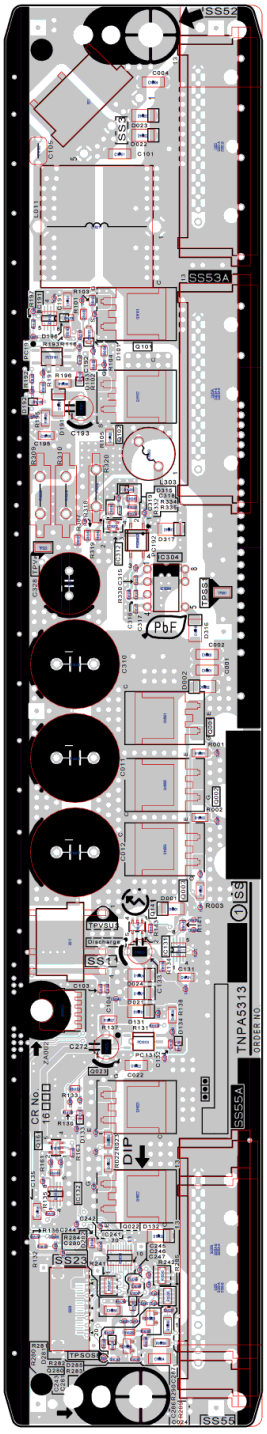

TNPA5307
TNPA5307


TNPA5308
1 2 3
TNPA5308
CR No.17


TNPA5311
SN
1 2 3


DIP
TNPA5311





Model No. : TX-P42C3E/J, CX3E, PR42C3 Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
⚠	PCB	N0AE5JK00006	CIRCUIT BOARD P	1	PAVCCZ
⚠	PCB	A-P42C3E	CIRCUIT BOARD A	1	(RTL)PAVCCZ P42C3E
⚠	PCB	A-P42CX3E	CIRCUIT BOARD A	1	(RTL)PAVCCZ P42CX3E
⚠	PCB	A-P42C3J	CIRCUIT BOARD A	1	(RTL)PAVCCZ P42C3J
⚠	PCB	A-PR42C3	CIRCUIT BOARD A	1	(RTL)PAVCCZ PR42C3
⚠	PCB	TXN/K1RLUE	CIRCUIT BOARD K	1	(RTL)PAVCCZ
⚠	PCB	TXNC111HHK	CIRCUIT BOARD C1	1	(RTL)PAVCCZ
⚠	PCB	TXNC211HHK	CIRCUIT BOARD C2	1	(RTL)PAVCCZ
⚠	PCB	TXNSN11HHK	CIRCUIT BOARD SN	1	(RTL)PAVCCZ
⚠	PCB	TXNSS11HHK	CIRCUIT BOARD SS	1	(RTL)PAVCCZ
	A1	K1KY08AA0719	8P CONNECTOR	1	
	A6	K1KY15B00006	15P CONNECTOR	1	PAVCCZ
	A11	K1KY04B00013	4P CONNECTOR	1	PAVCCZ
	A23	K1MY30BA0345	30P CONNECTOR	1	
	A33	K1MY35BA0345	35P CONNECTOR	1	
	A34	K1MY35BA0345	35P CONNECTOR	1	
	A35	K1KY03AA0719	3P CONNECTOR	1	
	C0059	F1G1H1020008	C 1000PF 50V	1	
	C0071	F1G1H1020008	C 1000PF 50V	1	
	C0072	F1G1H1020008	C 1000PF 50V	1	
	C0074	F1G1H1020008	C 1000PF 50V	1	
	C0075	F1G1H1020008	C 1000PF 50V	1	
	C1050	F1G1C104A077	C 0.1UF 16V	1	
	C1051	F1J0G2260001	C 22 UF 4 V	1	
	C1053	F1J0G2260001	C 22 UF 4 V	1	
	C2003	F1J1A106A087	C 10UF, 10V	1	
	C2004	F1J1E105A231	C 1 UF 25V	1	
	C2006	F1G1E1030005	C 0.01UF 25V	1	
	C2008	F1J1H102A721	C 1000pF, 50V	1	
	C2009	F1G1E1030005	C 0.01UF 25V	1	
	C2014	F1G1A104A077	C 0.1UF 16V	1	
	C2026	F1G1H1020008	C 1000PF 50V	1	
	C2027	F1G1C104A077	C 0.1UF 16V	1	
	C2810	ECJ1VB1H103K	C 0.01UF, 50V	1	
	C2811	F1J1A106A087	C 10UF, 10V	1	
	C2815	ECJ1VB1H103K	C 0.01UF, 50V	1	
	C2821	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C3001	F1G1A105A047	C 1UF 10V	1	
	C3002	F1G1A105A047	C 1UF 10V	1	
	C3003	F1G1C104A077	C 0.1UF 16V	1	
	C3004	F1G1C104A077	C 0.1UF 16V	1	
	C3005	F1G1A105A047	C 1UF 10V	1	
	C3006	F1G1A105A047	C 1UF 10V	1	
	C3011	F1J1A106A043	C 10UF, 10V	1	
	C3016	F1G1C104A077	C 0.1UF 16V	1	
	C3018	F1G1C104A077	C 0.1UF 16V	1	
	C3019	F1G1C104A077	C 0.1UF 16V	1	
	C3020	F1J1A106A043	C 10UF, 10V	1	
	C3028	F1J1A106A087	C 10UF, 10V	1	
	C3084	F1J1A106A043	C 10UF, 10V	1	
	C3085	F1J1A106A043	C 10UF, 10V	1	
	C3086	F1J1A106A043	C 10UF, 10V	1	
	C3108	F1G1E333A091	C 0.033UF 25V	1	
	C3109	F1G1E333A091	C 0.033UF 25V	1	
	C3120	F2H1A101A040	E 100UF, 10V	1	PAVCCZ
	C3121	F2H1A101A040	E 100UF, 10V	1	PAVCCZ
	C3124	F1J1A106A043	C 10UF, 10V	1	
	C3130	F1J1A106A043	C 10UF, 10V	1	
	C3131	F1J1A106A043	C 10UF, 10V	1	
	C3132	F1J1A106A043	C 10UF, 10V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C3135	F1G1H5610004	C 560 pF 50 V	1	PAVCCZ
	C3136	F1G1H5610004	C 560 pF 50 V	1	PAVCCZ
	C3139	F1G1H5610004	C 560 pF 50 V	1	PAVCCZ
	C3140	F1G1H5610004	C 560 pF 50 V	1	PAVCCZ
	C3145	F1J1A106A043	C 10UF, 10V	1	
	C3146	F1J1A106A043	C 10UF, 10V	1	
	C3147	F1J1A106A043	C 10UF, 10V	1	
	C3148	F1J1A106A043	C 10UF, 10V	1	
	C3151	F1G1A105A047	C 1UF 10V	1	
	C3152	F1G1A105A047	C 1UF 10V	1	
	C3155	F1G1H5610004	C 560 pF 50 V	1	PAVCCZ
	C3156	F1G1H5610004	C 560 pF 50 V	1	PAVCCZ
	C3157	F1G1A105A047	C 1UF 10V	1	
	C3158	F1G1A105A047	C 1UF 10V	1	
	C3172	F1G1A105A047	C 1UF 10V	1	
	C3173	F1G1A105A047	C 1UF 10V	1	
	C3174	F1G1A105A047	C 1UF 10V	1	
	C3175	F1G1A105A047	C 1UF 10V	1	
	C3178	F1J1A106A043	C 10UF, 10V	1	
	C3179	F1J1A106A043	C 10UF, 10V	1	
	C4546	ECJ1VB0J105K	C 1UF, 6.3V	1	
	C4548	F1G1A105A047	C 1UF 10V	1	
	C4800	F1G1A105A047	C 1UF 10V	1	
	C4801	F1G1A105A047	C 1UF 10V	1	
	C4802	F1G1H220A565	C 22PF, 50V	1	
	C4803	F1G1C104A077	C 0.1UF 16V	1	
	C4804	F1G1C104A077	C 0.1UF 16V	1	
	C4805	F1G1C104A077	C 0.1UF 16V	1	
	C4807	F1J1A106A043	C 10UF, 10V	1	
	C4809	F1J1A106A043	C 10UF, 10V	1	
	C4811	F1J1A106A043	C 10UF, 10V	1	
	C4812	F1G1H1020008	C 1000PF 50V	1	
	C4816	F1G1C104A077	C 0.1UF 16V	1	
	C4817	F1G1H330A565	C 33PF, 50V	1	
	C4818	F1G1H330A565	C 33PF, 50V	1	
	C4898	F1G1H220A565	C 22PF, 50V	1	
	C4907	F1K1E106A136	C 10UF, 25V	1	
	C4908	F1G1H1020008	C 1000PF 50V	1	
	C4909	F1J1E105A231	C 1 UF 25V	1	
	C4911	F1H1H104A970	C 0.1UF, , 50V	1	
	C4912	F1J1E105A231	C 1 UF 25V	1	
	C4913	F1H1H104A970	C 0.1UF, , 50V	1	
	C4914	F1J1E105A231	C 1 UF 25V	1	
	C4915	F1H1H104A970	C 0.1UF, , 50V	1	
	C4917	F1H1H104A970	C 0.1UF, , 50V	1	
	C4918	F1J1E105A231	C 1 UF 25V	1	
	C4919	F1G1H1020008	C 1000PF 50V	1	
	C4921	F1J1E4740001	C 0.47UF, 25V	1	PAVCCZ
	C4922	F1J1E4740001	C 0.47UF, 25V	1	PAVCCZ
	C4924	F1J1E4740001	C 0.47UF, 25V	1	PAVCCZ
	C4925	F1J1E4740001	C 0.47UF, 25V	1	PAVCCZ
	C4934	F1G1H1020008	C 1000PF 50V	1	
	C4935	F1G1H1020008	C 1000PF 50V	1	
	C4936	F1G1H1020008	C 1000PF 50V	1	
	C4937	F1G1H1020008	C 1000PF 50V	1	
	C4938	F1K1E106A136	C 10UF, 25V	1	
	C4939	F1K1E106A136	C 10UF, 25V	1	
	C4970	F1J1A106A087	C 10UF, 10V	1	
	C4971	F1J1A106A087	C 10UF, 10V	1	
	C4972	F2H1A101A040	E 100 UF, 10V	1	PAVCCZ
	C4973	F2H1A101A040	E 100 UF, 10V	1	PAVCCZ
	C5000	F1G1E1030005	C 0.01UF 25V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C5002	F1J1E105A231	C 1 UF 25V	1	
	C5003	F1H1C105A145	C 1 uF 16 V	1	
	C5012	EEEHB1C101UP	C 100PF, J, 16V	1	
	C5013	ECJ1VB1A105K	C 1UF, 10V	1	
	C5014	ECJ1VB1A105K	C 1UF, 10V	1	
	C5015	ECJ1VB1A105K	C 1UF, 10V	1	
	C5016	ECJ1VB1A105K	C 1UF, 10V	1	
	C5017	ECJ1VB1A105K	C 1UF, 10V	1	
	C5018	F1G1C104A077	C 0.1UF 16V	1	
	C5020	F1G1E1030005	C 0.01UF 25V	1	
	C5023	F1K1E106A136	C 10UF, 25V	1	
	C5031	ECJ1VB1A105K	C 1UF, 10V	1	
	C5032	ECJ1VB1A105K	C 1UF, 10V	1	
	C5170	F1G1C104A077	C 0.1UF 16V	1	
	C5171	F1G1C104A077	C 0.1UF 16V	1	
	C5173	F1G1C104A077	C 0.1UF 16V	1	
	C5174	F1G1C104A077	C 0.1UF 16V	1	
	C5255	ECJ1VB1A105K	C 1UF, 10V	1	
	C5256	ECJ1VB1A105K	C 1UF, 10V	1	
	C8001	F1J1A106A087	C 10UF, 10V	1	
	C8004	F1G1C104A077	C 0.1UF 16V	1	
	C8005	F1G1C104A077	C 0.1UF 16V	1	
	C8006	F1G1C104A077	C 0.1UF 16V	1	
	C8009	F1J1A106A087	C 10UF, 10V	1	
	C8011	F1G1C104A077	C 0.1UF 16V	1	
	C8014	F1G1A105A047	C 1UF 10V	1	
	C8015	F1G1A105A047	C 1UF 10V	1	
	C8016	F1G1C104A077	C 0.1UF 16V	1	
	C8019	F1J1A106A087	C 10UF, 10V	1	
	C8023	F1G1C104A077	C 0.1UF 16V	1	
	C8024	F1J1A106A087	C 10UF, 10V	1	
	C8025	F1J1A106A087	C 10UF, 10V	1	
	C8026	F1J0G2260001	C 22 UF 4 V	1	
	C8028	F1G1C104A077	C 0.1UF 16V	1	
	C8029	F1G1C104A077	C 0.1UF 16V	1	
	C8031	F1G1C104A077	C 0.1UF 16V	1	
	C8034	F1G1C104A077	C 0.1UF 16V	1	
	C8035	F1G1C104A077	C 0.1UF 16V	1	
	C8037	F1J1A106A087	C 10UF, 10V	1	
	C8041	F1G1C104A077	C 0.1UF 16V	1	
	C8042	F1J1A106A087	C 10UF, 10V	1	
	C8044	F1G1C104A077	C 0.1UF 16V	1	
	C8046	F1G1C104A077	C 0.1UF 16V	1	
	C8047	F1G1C104A077	C 0.1UF 16V	1	
	C8050	F1G1C104A077	C 0.1UF 16V	1	
	C8051	F1G1C104A077	C 0.1UF 16V	1	
	C8053	F1G1C104A077	C 0.1UF 16V	1	
	C8054	F1G1C104A077	C 0.1UF 16V	1	
	C8055	F1G1H1020008	C 1000PF 50V	1	
	C8100	F1G1E682A123	C 6800 pF 25 V	1	
	C8102	F1J1A475A087	C 4.7UF, 10V	1	
	C8104	F1H1C105A145	C 1 uF 16 V	1	
	C8106	F1G1C223A081	C 0.022UF, 16V	1	
	C8108	F1G1C104A077	C 0.1UF 16V	1	
	C8110	F1G1C104A077	C 0.1UF 16V	1	
	C8112	F1K1E106A136	C 10UF, 25V	1	
	C8114	F1K1E106A136	C 10UF, 25V	1	
	C8116	F1K1E106A136	C 10UF, 25V	1	
	C8118	F1K1E106A136	C 10UF, 25V	1	
	C8120	F1J0G2260001	C 22 UF 4 V	1	
	C8122	F1J0G2260001	C 22 UF 4 V	1	
	C8124	F1J0G2260001	C 22 UF 4 V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C8126	F1J0G2260001	C 22 UF 4 V	1	
	C8128	F1J0G2260001	C 22 UF 4 V	1	
	C8200	F1G1C104A077	C 0.1UF 16V	1	
	C8205	F1G1C104A077	C 0.1UF 16V	1	
	C8206	F1G1C104A077	C 0.1UF 16V	1	
	C8207	F1J1A106A087	C 10UF, 10V	1	
	C8208	F1G1C104A077	C 0.1UF 16V	1	
	C8210	F1G1C104A077	C 0.1UF 16V	1	
	C8212	F1G1C104A077	C 0.1UF 16V	1	
	C8215	F1G1C104A077	C 0.1UF 16V	1	
	C8225	F1G1C104A077	C 0.1UF 16V	1	
	C8300	F1G1H6R0A732	C 6.0PF, 50V	1	PAVCCZ
	C8301	F1G1H7R0A732	C 7PF, 50V	1	
	C8302	F1G1C104A077	C 0.1UF 16V	1	
	C8303	F1G1C104A077	C 0.1UF 16V	1	
	C8304	F1G1C104A077	C 0.1UF 16V	1	
	C8305	F1G1A105A047	C 1UF 10V	1	
	C8306	F1G1A105A047	C 1UF 10V	1	
	C8307	F1G1A105A047	C 1UF 10V	1	
	C8308	F1G1A105A047	C 1UF 10V	1	
	C8309	F1G1A105A047	C 1UF 10V	1	
	C8310	F1G1A105A047	C 1UF 10V	1	
	C8311	F1G1A105A047	C 1UF 10V	1	
	C8401	F1G1C104A077	C 0.1UF 16V	1	
	C8402	F1K0J226A049	C 22UF, 6.3V	1	PAVCCZ
	C8403	F1K0J226A049	C 22UF, 6.3V	1	PAVCCZ
	C8406	F1G1C104A077	C 0.1UF 16V	1	
	C8407	F1G1C104A077	C 0.1UF 16V	1	
	C8411	F1G1C104A077	C 0.1UF 16V	1	
	C8619	F1G1C104A077	C 0.1UF 16V	1	
	C8620	F1G1C104A077	C 0.1UF 16V	1	
	C8653	F1J1A106A043	C 10UF, 10V	1	
	C8655	F1J1A106A043	C 10UF, 10V	1	
	C8707	F1G1C223A081	C 0.022UF, 16V	1	
	C8708	F1J1A106A043	C 10UF, 10V	1	
	C8709	F1J1A106A043	C 10UF, 10V	1	
	C8711	F1G1A333A032	C0.033UF, 10V	1	
	C8712	F1G1H5610004	C 560 pF 50 V	1	PAVCCZ
	C8714	F1J1A475A087	C 4.7UF, 10V	1	
	C8715	F1J1A106A087	C 10UF, 10V	1	
	C8716	F1G1C104A077	C 0.1UF 16V	1	
	C8717	F1G1C104A077	C 0.1UF 16V	1	
	C8724	F1K1E106A136	C 10UF, 25V	1	
	C8764	ECJ1VB1A105K	C 1UF, 10V	1	
	C8765	ECJ1VB1A105K	C 1UF, 10V	1	
	C8773	F1K1E106A136	C 10UF, 25V	1	
	C8774	F1K1E106A136	C 10UF, 25V	1	
	C8775	F1G1C223A081	C 0.022UF, 16V	1	
	C8776	F1G1E1030005	C 0.01UF 25V	1	
	C8777	F1G1E1030005	C 0.01UF 25V	1	
	C8779	F1J0G2260001	C 22 UF 4 V	1	
	C8780	F1J0G2260001	C 22 UF 4 V	1	
	C8900	F1G1C104A077	C 0.1UF 16V	1	
	C8901	F1G1C104A077	C 0.1UF 16V	1	
	C8902	F1G1C104A077	C 0.1UF 16V	1	
	C8903	F1G1C104A077	C 0.1UF 16V	1	
	C9097	F1J0G2260001	C 22 UF 4 V	1	
	C9098	F1J0G2260001	C 22 UF 4 V	1	
	C9099	F1G1C104A077	C 0.1UF 16V	1	
	C9100	F1J1A106A087	C 10UF, 10V	1	
	C9101	F1G1E1030005	C 0.01UF 25V	1	
	C9102	F1K1E106A136	C 10UF, 25V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C9103	F1G1E1030005	C 0.01UF 25V	1	
	C9104	F1G1C104A077	C 0.1UF 16V	1	
	C9105	F1G1C104A077	C 0.1UF 16V	1	
	C9106	F1G1H5610004	C 560 pF 50 V	1	PAVCCZ
	C9108	F1G1C104A077	C 0.1UF 16V	1	
	C9300	F1G1C104A077	C 0.1UF 16V	1	
	C9301	F1G1H150A565	C 15PF, 50V	1	
	C9302	F1G1H180A565	C 18PF, 50V	1	
	C9308	F1G1C104A077	C 0.1UF 16V	1	
	C9311	F1G1C104A077	C 0.1UF 16V	1	
	C9312	F1J1A106A087	C 10UF, 10V	1	
	C9313	F1G1C104A077	C 0.1UF 16V	1	
	C9328	F1G1C104A077	C 0.1UF 16V	1	
	C9330	F1G1A105A047	C 1UF 10V	1	
	C9331	F1G1A105A047	C 1UF 10V	1	
	C9332	F1G1A105A047	C 1UF 10V	1	
	C9337	F1J1A106A087	C 10UF, 10V	1	
	C9347	F1G1A105A047	C 1UF 10V	1	
	C9351	F1G1C104A077	C 0.1UF 16V	1	
	C9352	F1G1A105A047	C 1UF 10V	1	
	C9362	F1G1C104A077	C 0.1UF 16V	1	
	C9366	F1G1A105A047	C 1UF 10V	1	
	C9371	F1J1A106A087	C 10UF, 10V	1	
	C9375	F1G1C104A077	C 0.1UF 16V	1	
	C9380	F1G1C104A077	C 0.1UF 16V	1	
	C9389	F1G1A105A047	C 1UF 10V	1	
	C9392	F1J1A106A087	C 10UF, 10V	1	
	C9400	F1G1C104A077	C 0.1UF 16V	1	
	C9401	F1G1C104A077	C 0.1UF 16V	1	
	C9404	F1G1C104A077	C 0.1UF 16V	1	
	C9409	F1G1A105A047	C 1UF 10V	1	
	C9411	F1G1A105A047	C 1UF 10V	1	
	C9413	F1G1A105A047	C 1UF 10V	1	
	C9800	F1G1E1030005	C 0.01UF 25V	1	
	C9801	F1G1E1030005	C 0.01UF 25V	1	
	C9803	F1G1E472A086	C 4700pF 25V	1	
	C9804	F1K1E106A136	C 10UF, 25V	1	
	C9805	F1K1E106A136	C 10UF, 25V	1	
	C9825	F1J0G2260001	C 22 UF 4 V	1	
	C9826	F1J0G2260001	C 22 UF 4 V	1	
	C9854	F1G1H1020008	C 1000PF 50V	1	
	CN0100	K1KA14A00248	14P CONNECTOR	1	
	D1006	K7AAAY000006	PHOTO LINK	1	
	D2820	B3AGB0000065	LED	1	PAVCCZ
	D3130	B0ACCJ000048	DIODE	1	
	D4703	DZ2J056M0L	ZENER DIODE	1	
	D4704	B0JCCD000020	DIODE	1	PAVCCZ
	D4720	DZ2J056M0L	ZENER DIODE	1	
	D4721	B0JCCD000020	DIODE	1	PAVCCZ
	D4773	B0JCCE000008	DIODE	1	
	D5170	B0ADCJ000100	DIODE	1	
	D5171	DZ2J068M0L	ZENER DIODE	1	
	D5172	DZ2J068M0L	ZENER DIODE	1	
	D8716	B0ACCJ000048	DIODE	1	
	D8720	B0JCMD000066	ZENER DIODE	1	
	D9806	B0ADCJ000100	DIODE	1	
	IC2001	C1ZBZ0004368	IC	1	PAVCCZ
	IC3001	C1AB00003384	IC	1	PAVCCZ
	IC4900	C1AB00003457	IC	1	PAVCCZ

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	IC5000	AN34044A-VF	IC	1	PAVCCZ
	IC5002	C0DBGHC00003	IC	1	
	IC5251	C0CBCBC00227	IC	1	
	IC8000	MN2WS0175C	IC	1	PAVCCZ
	IC8100	C0DBAYY00715	IC	1	
	IC8201	C3ABTY000025	IC	1	
	IC8403	C0JBAZ003032	IC	1	PAVCCZ
	IC8404	C0DBZYY00382	IC	1	PAVCCZ
	IC8604	C0DBAGF00030	IC	1	
	IC8701	C0DBAYY00931	IC	1	PAVCCZ
	IC8702	C0DBAFG00029	IC	1	PAVCCZ
	IC8706	C0DBGYY00887	IC	1	
	IC8707	C0DBAYY00915	IC	1	PAVCCZ
	IC8900	TVRS074AC	IC	1	PAVCCZ
	IC8901	TVRS----	IC	1	
	IC8902	TVRS----	IC	1	
	IC9300	C1AB00003409	IC	1	PAVCCZ
	IC9304	TVRS207AA	IC	1	PAVCCZ
	IC9400	C0JBAU000089	IC	1	PAVCCZ
	IC9401	C0JBAU000089	IC	1	PAVCCZ
	IC9800	C0DBAYY00915	IC	1	PAVCCZ
	JK1001B	K1U608A00001	JACK	1	PAVCCZ
	JK1002A	K1FY121A0011	CONNECTOR	1	PAVCCZ
	JK1020	K1FY119D0015	CONNECTOR	1	PAVCCZ
	JK1021	K1FY119D0015	CONNECTOR	1	PAVCCZ
	JK1051A	K2HC1YYB0062	JACK	1	PAVCCZ
	JK1052	K1NA68B00059	68P CONNECTOR	1	PAVCCZ
	JK1053	K1NA12E00016	12P CONNECTOR	1	
	K1	K1KA08B00270	8P CONNECTOR	1	
	L3102	J0JYC0000331	CHIP INDUCTOR	1	
	L3103	J0JYC0000331	CHIP INDUCTOR	1	
	L3108	J0JCC0000287	CHIP INDUCTOR	1	
	L3111	J0JYC0000331	CHIP INDUCTOR	1	
	L3112	J0JYC0000331	CHIP INDUCTOR	1	
	L3113	J0JYC0000331	CHIP INDUCTOR	1	
	L3116	J0JYC0000331	CHIP INDUCTOR	1	
	L3117	J0JYC0000331	CHIP INDUCTOR	1	
	L3118	J0JYC0000331	CHIP INDUCTOR	1	
	L3121	J0JCC0000287	CHIP INDUCTOR	1	
	L4800	G1CR39J00009	INDUCTION COIL	1	
	L4801	G1CR39J00009	INDUCTION COIL	1	
	L4802	J0JGC0000020	CHIP INDUCTOR	1	
	L4803	J0JGC0000020	CHIP INDUCTOR	1	
	L4804	J0JGC0000020	CHIP INDUCTOR	1	
	L4807	J0JCC0000278	CHIP INDUCTOR	1	
	L4900	G1C150MA0426	INDUCTION COIL	1	PAVCCZ
	L4901	G1C150MA0426	INDUCTION COIL	1	PAVCCZ
	L4902	G1C150MA0426	INDUCTION COIL	1	PAVCCZ
	L4903	G1C150MA0426	INDUCTION COIL	1	PAVCCZ
	L8003	J0JCC0000287	CHIP INDUCTOR	1	
	L8005	J0JHC0000045	CHIP INDUCTOR	1	
	L8006	J0JHC0000045	CHIP INDUCTOR	1	
	L8007	J0JHC0000045	CHIP INDUCTOR	1	
	L8009	J0JKC0000021	CHIP INDUCTOR	1	
	L8015	J0JCC0000287	CHIP INDUCTOR	1	
	L8016	J0JCC0000287	CHIP INDUCTOR	1	
	L8100	G1C4R7MA0416	INDUCTION COIL	1	PAVCCZ
	L8102	G1C3R3MA0425	INDUCTION COIL	1	PAVCCZ
	L8701	G1C6R8MA0445	INDUCTION COIL	1	PAVCCZ

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	L8702	G1C6R8MA0445	INDUCTION COIL	1	PAVCCZ
	L9302	J0JHC0000117	CHIP INDUCTOR	1	
	L9303	J0JHC0000117	CHIP INDUCTOR	1	
	L9800	G1C6R8MA0445	INDUCTION COIL	1	PAVCCZ
	PA2011	K5H5022A0031	FUSE	1	
	Q0900	DSA200100L	TRANSISTOR	1	
	Q2810	B1ABCE000015	TRANSISTOR	1	
	Q2811	B1ABCE000015	TRANSISTOR	1	
	Q2812	B1ABCE000015	TRANSISTOR	1	
	Q3102	B1ABCF000231	TRANSISTOR	1	
	Q3103	B1ABCF000231	TRANSISTOR	1	
	Q4513	DSA200100L	TRANSISTOR	1	
	Q4514	B1HFCEA00001	TRANSISTOR	1	
	Q4700	B1ABCF000231	TRANSISTOR	1	
	Q4702	B1ABCF000231	TRANSISTOR	1	
	Q4970	DSA200100L	TRANSISTOR	1	
	Q4971	B1AAFB000002	TRANSISTOR	1	
	Q4972	B1AAFB000002	TRANSISTOR	1	
	Q4973	DSA2001S0L	TRANSISTOR	1	
	Q4974	DSC2001S0L	TRANSISTOR	1	
	Q5170	DSC2001S0L	TRANSISTOR	1	
	Q5171	DSA200100L	TRANSISTOR	1	
	Q5172	DSA200100L	TRANSISTOR	1	
	Q8100	B1MBEDA00027	FET	1	PAVCCZ
	Q8102	B1MBEDA00027	FET	1	PAVCCZ
	R003	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R0800	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R0902	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R0903	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R0904	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R0905	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R0906	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R0907	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R0908	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R0909	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R0910	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R0911	EXB28V222J	M 2.2 OHM 1/32 W	1	
	R0951	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R0952	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R1009	D0GA101JA015	M 100 OHM, J,1/16W	1	
	R2003	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R2004	D1BA1432A014	M14.3KOHM,J.1/16 W	1	PAVCCZ
	R2005	D1BA6651A014	M6.65KOHM,J.1/16 W	1	PAVCCZ
	R2006	D1BA7151A014	M7.15KOHM,J.1/16 W	1	
	R2007	ERJ2RKF1741	M 1.74KOHM, F 1/16 W	1	
	R2008	D0GA184JA023	M 180KOHM J.1/16W	1	
	R2010	D1BA7151A014	M7.15KOHM,J.1/16 W	1	
	R2011	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R2013	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R2810	D0GB470JA065	M 47 OHM,J,1/10W	1	PAVCCZ
	R2811	D0GB104JA065	M 100KOHM J 1/10W	1	
	R2812	D0GB224JA065	M 220KOHM,J,1/10W	1	PAVCCZ
	R2813	D0GB223JA065	M 22KOHM,J,1/10W	1	PAVCCZ
	R2814	D0GB103JA065	M 10K OHM J 1/10W	1	PAVCCZ
	R2815	D0GB473JA065	M 47KOHM J. 1/10W	1	PAVCCZ
	R2816	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R2816	D1BB1621A055	M1.62KOHM,J.1/10W	1	
	R2817	D0GB223JA065	M 22KOHM,J,1/10W	1	PAVCCZ
	R2818	D0GB473JA065	M 47KOHM J. 1/10W	1	PAVCCZ

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R2819	D1BB4301A055	M4.30KOHM,J.1/10W	1	
	R3001	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R3002	D0GA122JA023	M 1.2KOHM, J,1/16W	1	
	R3014	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R3121	EXB28V221J	M220 OHM 1/32 W	1	
	R3129	D0GA104JA023	M100KOHM, J.1/16 W	1	
	R3137	D1BD75R0A066	M 75.0 OHM,J.1/8 W	1	PAVCCZ
	R3141	D1BF75R0A011	M 75.0 OHM, 1/4W	1	PAVCCZ
	R3142	D1BF75R0A011	M 75.0 OHM, 1/4W	1	PAVCCZ
	R3143	D1BF75R0A011	M 75.0 OHM, 1/4W	1	PAVCCZ
	R3147	D1BF75R0A011	M 75.0 OHM, 1/4W	1	PAVCCZ
	R3148	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R3157	EXB28V221J	M220 OHM 1/32 W	1	
	R3163	D0GA104JA023	M100KOHM, J.1/16 W	1	
	R3164	D0GA104JA023	M100KOHM, J.1/16 W	1	
	R3167	D0GA333JA023	M 33KOHM,J,1/16W	1	
	R3168	D0GA333JA023	M 33KOHM,J,1/16W	1	
	R3171	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R3172	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R3173	EXB28V221J	M220 OHM 1/32 W	1	
	R3174	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R3175	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R3179	D0GA331JA023	M 330 OHM, J,1/16W	1	
	R3180	D0GA331JA023	M 330 OHM, J,1/16W	1	
	R3181	D1BD75R0A066	M 75.0 OHM,J.1/8 W	1	PAVCCZ
	R3182	D1BD75R0A066	M 75.0 OHM,J.1/8 W	1	PAVCCZ
	R3183	D1BD75R0A066	M 75.0 OHM,J.1/8 W	1	PAVCCZ
	R3186	D0GA333JA023	M 33KOHM,J,1/16W	1	
	R3187	D0GA333JA023	M 33KOHM,J,1/16W	1	
	R3192	EXB28V820JX	M 82 OHM 1/32 W	1	
	R3202	D1BF75R0A011	M 75.0 OHM, 1/4W	1	PAVCCZ
	R3204	D1BA2152A014	M21.5KOHM,J.1/16 W	1	PAVCCZ
	R3206	D1BA1302A014	M 13KOHM,J.1/16 W	1	
	R3208	D0GA273JA023	M 27K OHM J ,1/16W	1	
	R3211	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R3212	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R3213	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R3221	D1BF75R0A011	M 75.0 OHM, 1/4W	1	PAVCCZ
	R3293	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R4548	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R4549	D0GA151JA023	M 150 OHM, J,1/16W	1	
	R4550	D0GA151JA023	M 150 OHM, J,1/16W	1	
	R4551	D0GA151JA023	M 150 OHM, J,1/16W	1	
	R4552	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R4554	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R4556	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4560	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R4563	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4702	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4708	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4709	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4710	EXB28V473JX	M 47KOHM 1/32 W	1	
	R4711	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R4715	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4721	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4722	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4723	EXB28V473JX	M 47KOHM 1/32 W	1	
	R4724	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R4748	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R4749	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R4750	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R4751	D0GA680JA023	M 68 OHM, J,1/16W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R4798	D0GA273JA023	M 27K OHM J ,1/16W	1	
	R4800	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4910	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R4911	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R4913	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4914	EXB28V220J	M 22 OHM 1/32 W	1	
	R4921	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4970	D1BB1403A055	M 140KOHM,J.1/10W	1	
	R4971	D1BB1403A055	M 140KOHM,J.1/10W	1	
	R4972	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4973	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4974	D0GA101JA015	M 100 OHM, J,1/16W	1	
	R4975	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R4976	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4978	D0GA101JA015	M 100 OHM, J,1/16W	1	
	R4979	D0GA101JA015	M 100 OHM, J,1/16W	1	
	R4980	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R4981	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R4984	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R4985	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4987	D0GF102JA048	M 1.0 KOHM,J,1/3W	1	PAVCCZ
	R5000	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R5001	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R5009	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R5010	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R5011	D0GA104JA023	M100KOHM, J.1/16 W	1	
	R5012	D0GA223JA023	M 22K OHM J 1/16W	1	
	R5013	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R5070	D0GA101JA015	M 100 OHM, J,1/16W	1	
	R5170	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R5171	D0GA683JA023	M 68KOHM, J,1/16W	1	
	R5172	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R5173	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R5175	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R5176	D0GA392JA023	M 3.9KOHM, J,1/16W	1	
	R5177	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R5178	D0GA332JA023	M 3.3KOHM, J,1/16W	1	
	R5179	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R5180	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R5181	D0GB221JA065	M 220 OHM J 1/10W	1	
	R5182	D0GD104JA052	M 100KOHM,J,1/4W	1	PAVCCZ
	R5183	D0GD102JA052	M 1.0KOHM,J,1/4W	1	PAVCCZ
	R5184	D0GD472JA052	M 4.7KOHM,J,1/4W	1	PAVCCZ
	R5185	D0GD472JA052	M 4.7KOHM,J,1/4W	1	PAVCCZ
	R6927	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R6928	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R6953	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R8001	D0GA331JA023	M 330 OHM, J,1/16W	1	
	R8100	D1BB1301A087	M 1.3KOHM,J.1/10W	1	PAVCCZ
	R8102	D1BB2101A087	M 2.1KOHM,J.1/10W	1	
	R8104	D1BB8200A087	M 820 OHM,J.1/10W	1	
	R8106	D1BB2001A087	M 2KOHM,J.1/10W	1	
	R8108	D0GB100JA065	M 10 OHM J 1/10W	1	
	R8110	D0GB100JA065	M 10 OHM J 1/10W	1	
	R8114	D0GA243JA023	M 24K OHM J 0.063W	1	PAVCCZ
	R8118	D0GA183JA023	M 18K OHM J.1/16W	1	
	R8200	D1BA2400A014	M 240 OHM,J.1/16 W	1	
	R8203	D1BA1001A014	M 1KOHM,J. 1/16 W	1	
	R8205	D1BA1001A014	M 1KOHM,J. 1/16 W	1	
	R8206	D1BA1001A014	M 1KOHM,J. 1/16 W	1	
	R8208	D1BA1001A014	M 1KOHM,J. 1/16 W	1	
	R8217	D0GA111JA023	M 110 OHM, J.1/16W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R8219	D1BA2400A014	M 240 OHM,J.1/16 W	1	
	R8221	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8223	EXB28V330J	M 33 OHM 1/32 W	1	
	R8224	D1BA1001A014	M 1KOHM,J. 1/16 W	1	
	R8225	D1BA1001A014	M 1KOHM,J. 1/16 W	1	
	R8301	D0GA681JA023	M680 OHM, J,1/16W	1	
	R8302	D0GA360JA023	M 36 OHM, J,1/16W	1	PAVCCZ
	R8303	D0GA360JA023	M 36 OHM, J,1/16W	1	PAVCCZ
	R8304	D1BA6201A014	M 6.2KOHM,J.1/16 W	1	
	R8305	D1BA6201A014	M 6.2KOHM,J.1/16 W	1	
	R8306	D0GA243JA023	M 24K OHM J 0.063W	1	PAVCCZ
	R8400	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R8401	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R8402	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R8403	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R8404	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R8405	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R8406	EXB2HV680J	M 68 OHM 1/16 W	1	
	R8407	EXB2HV680J	M 68 OHM 1/16 W	1	
	R8408	EXB2HV680J	M 68 OHM 1/16 W	1	
	R8409	EXB28V680JX	M 68 OHM 1/32 W	1	
	R8410	EXB2HV680J	M 68 OHM 1/16 W	1	
	R8411	EXB2HV680J	M 68 OHM 1/16 W	1	
	R8418	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8421	EXB2HV101J	M 100 OHM 1/16 W	1	
	R8424	D0GA223JA023	M 22K OHM J 1/16W	1	
	R8425	D0GA223JA023	M 22K OHM J 1/16W	1	
	R8426	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R8427	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R8429	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8433	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8434	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8435	D0GA223JA023	M 22K OHM J 1/16W	1	
	R8436	EXB2HV101J	M 100 OHM 1/16 W	1	
	R8437	EXB2HV473JV	M 47 kOHM 1/16 W	1	
	R8438	EXB2HV103JV	M 10 kOHM 1/16 W	1	
	R8440	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8441	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8442	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8606	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R8607	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R8608	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R8616	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R8617	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8618	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8621	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8624	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8625	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8626	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8627	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8628	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8629	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8630	D1HG1038A002	NETWORK RESISTER	1	
	R8632	EXB28V560JX	M 56 OHM 1/32 W	1	
	R8634	EXB28V560JX	M 56 OHM 1/32 W	1	
	R8636	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R8639	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8640	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8646	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8647	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8648	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8649	D0GA103JA015	M 10KOHM,J,1/16W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R8650	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8651	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8652	EXB28V103JX	M 10KOHM 1/32 W	1	
	R8704	D1BB5362A055	M53.6KOHM,J.1/10W	1	PAVCCZ
	R8705	D1BB1002A055	M 10KOHM,J.1/10W	1	
	R8706	D0GA390JA023	M 39 OHM, J,1/16W	1	PAVCCZ
	R8707	D1BB1002A055	M 10KOHM,J.1/10W	1	
	R8755	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R8756	D0GB390JA065	M 39 OHM,J,1/10W	1	PAVCCZ
	R8757	D1BB4301A055	M4.30KOHM,J.1/10W	1	
	R8758	D1BB2402A055	M 24KOHM,J.1/10W	1	
	R8759	D1BB6041A055	M 6.04KOHM,J.1/10W	1	
	R8811	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8813	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8815	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8816	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R8817	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8818	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8819	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8820	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8821	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8822	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8823	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R8824	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8825	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8830	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8909	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R8910	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8914	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R8915	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8916	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8917	EXB28V103JX	M 10KOHM 1/32 W	1	
	R8921	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8972	EXB2HV680J	M 68 OHM 1/16 W	1	
	R9005	D0GB390JA065	M 39 OHM,J,1/10W	1	PAVCCZ
	R9035	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R9105	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R9198	EXB28V101JX	M 100 OHM 1/32 W	1	
	R9203	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R9205	D0GA333JA023	M 33KOHM,J,1/16W	1	
	R9206	D0GA563JA023	M 56KOHM, J,0.063W	1	PAVCCZ
	R9208	EXB2HV470JV	M 47 OHM 1/16 W	1	
	R9209	EXB2HV470JV	M 47 OHM 1/16 W	1	
	R9307	D0GA330JA023	M 33 OHM, J,1/16W	1	
	R9308	D0GA330JA023	M 33 OHM, J,1/16W	1	
	R9320	D0GA122JA023	M 1.2KOHM, J,1/16W	1	
	R9321	D0GA105JA023	M 1M OHM, J,1/16W	1	
	R9323	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R9324	D0GB162JA065	M 1.6KOHM J 1/10W	1	PAVCCZ
	R9325	D0GB162JA065	M 1.6KOHM J 1/10W	1	PAVCCZ
	R9326	D0GB162JA065	M 1.6KOHM J 1/10W	1	PAVCCZ
	R9327	D0GB162JA065	M 1.6KOHM J 1/10W	1	PAVCCZ
	R9329	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R9330	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R9400	EXB2HV103JV	M 10 kOHM 1/16 W	1	
	R9401	EXB2HV103JV	M 10 kOHM 1/16 W	1	
	R9503	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R9599	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R9608	EXB2HV470JV	M 47 OHM 1/16 W	1	
	R9609	EXB28V470JX	M 47 OHM 1/32 W	1	
	R9610	EXB28V470JX	M 47 OHM 1/32 W	1	
	R9611	EXB28V470JX	M 47 OHM 1/32 W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R9872	D1BB1502A055	M 15KOHM, J.1/10W	1	
	R9873	D1BB8061A087	M8.06 KOHM,J.1/10W	1	PAVCCZ
	R9875	D1BB1002A087	M 10KOHM,J.1/10W	1	
	R9907	D0GA101JA015	M 100 OHM, J,1/16W	1	
	RM2810	B3RAD0000168	REMOTE SENSOR	1	
	SN2810	B3JB00000078	IC	1	
	SW2000	K0F122A00031	SWITCH	1	
	SW2001	K0H1BA000445	SWITCH	1	
	SW2002	K0H1BA000445	SWITCH	1	
	SW2003	K0H1BA000445	SWITCH	1	
	SW2004	K0H1BA000445	SWITCH	1	
	SW2005	K0H1BA000445	SWITCH	1	
⚠	TU4801	ENGS7302D5F	TUNER	1	PAVCCZ
	X8300	H0J245500113	CRYSTAL	1	PAVCCZ
	X9300	H0J200500076	CRYSTAL	1	
	C10	K1MN20BA0231	20P CONNECTOR	1	
	C11	K1MY35BA0345	35P CONNECTOR	1	
	C20	K1MY20BA0345	20P CONNECTOR	1	
	C21	K1MY35BA0345	35P CONNECTOR	1	
	C23	K1MY20BA0345	20P CONNECTOR	1	
	C25	K1KY04B00013	4P CONNECTOR	1	PAVCCZ
	C14901	F1G1H1020008	C 1000PF 50V	1	
	C14902	F1H1C105A145	C 1 uF 16 V	1	
	C14903	F1L2J1020001	C 1000PF, 630V	1	
	C14906	F1H1C105A145	C 1 uF 16 V	1	
	C14908	F1H1C105A145	C 1 uF 16 V	1	
	C14909	F1L2J1020001	C 1000PF, 630V	1	
	C14912	F1H1C105A145	C 1 uF 16 V	1	
	C14926	F1H1H104A970	C 0.1UF, , 50V	1	
	C14931	F1G1H1020008	C 1000PF 50V	1	
	C14934	F1L2E104A028	C 0.10UF, 250V	1	
	C14936	F1G1H221A541	C 220PF, 50V	1	
	C14937	F1G1H221A541	C 220PF, 50V	1	
	C14943	F1K1E475A134	C 4.7UF 25V	1	
	C14950	F1G1H221A541	C 220PF, 50V	1	
	C14952	F1H1C105A145	C 1 uF 16 V	1	
	C14956	F1L2J1020001	C 1000PF, 630V	1	
	C14957	F1H1C105A145	C 1 uF 16 V	1	
	C14958	F1H1C105A145	C 1 uF 16 V	1	
	C14962	F1L2J1020001	C 1000PF, 630V	1	
	C14963	F1H1C105A145	C 1 uF 16 V	1	
	C14970	F1G1H221A541	C 220PF, 50V	1	
	C14973	F1G1H1020008	C 1000PF 50V	1	
	C14975	F1L2E104A028	C 0.10UF, 250V	1	
	C14979	F1L2E104A028	C 0.10UF, 250V	1	
	C14987	F1H1C105A145	C 1 uF 16 V	1	
	C14988	F1H1C105A145	C 1 uF 16 V	1	
	C14991	F1G1H100A565	C 10PF 50V	1	
	C14992	F1H1C105A145	C 1 uF 16 V	1	
	C14993	F1H1C105A145	C 1 uF 16 V	1	
	C16001	F1L2J4710001	C 470PF, 630V	1	
	C16011	F2A2T181A007	E 180UF, 220V	1	
	C16012	F2A2T181A007	E 180UF, 220V	1	
	C16022	F1L2J332A022	C 3300PF, 630V	1	
	C16024	F1L2J1020001	C 1000PF, 630V	1	
	C16103	F1H1E470A130	C 47PF, 25V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C16104	F1H1E470A130	C 47PF, 25V	1	
	C16131	F1K1E475A134	C 4.7UF 25V	1	
	C16132	F1H1C105A145	C 1 uF 16 V	1	
	C16133	F2A1E470B725	E 47UF, 25V	1	PAVCCZ
	C16135	F1K1E105A029	C 1UF, 25V	1	
	C16191	F1K1E475A134	C 4.7UF 25V	1	
	C16192	F1H1C105A145	C 1 uF 16 V	1	
	C16193	F2A1E470B725	E 47UF, 25V	1	PAVCCZ
	C16195	F1K1E105A029	C 1UF, 25V	1	
	C16242	F1H1C105A145	C 1 uF 16 V	1	
	C16243	ECJ1VB1H103K	C 0.01UF, 50V	1	
	C16244	F1J1A106A087	C 10UF, 10V	1	
	C16272	F2A1E470B725	E 47UF, 25V	1	PAVCCZ
	C16286	F1H1H104A970	C 0.1UF, , 50V	1	
	C16287	F1H1H104A970	C 0.1UF, , 50V	1	
	C16310	F2A2T181A007	E 180UF, 220V	1	
	C16315	ECJ1VB1A105K	C 1UF, 10V	1	
	C16316	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C16317	ECJ1VB1A105K	C 1UF, 10V	1	
	C16318	F1J1H104A717	C 0.1UF, 50V	1	
	C16319	F1J1H104A717	C 0.1UF, 50V	1	
	C16328	F2A2C1010028	E 100UF, 160V	1	PAVCCZ
	C16401	F1L2J562A022	C 5600PF, 630V	1	
	C16411	F2A2T181A007	E 180UF, 220V	1	
	C16412	F2A2T181A007	E 180UF, 220V	1	
	C16414	F2A2T181A007	E 180UF, 220V	1	
	C16421	F1L2J562A022	C 5600PF, 630V	1	
	C16441	ECJ1VB1H472K	C 4700PF, 50V	1	
	C16451	ECJ1VB1H472K	C 4700PF, 50V	1	
	C16472	ECJ1VB1A105K	C 1UF, 10V	1	
	C16490	F1H1C105A145	C 1 uF 16 V	1	
	C16502	F1K1E475A134	C 4.7UF 25V	1	
	C16503	F2A1E221B726	E 220UF, 25V	1	PAVCCZ
	C16505	F1K1E105A029	C 1UF, 25V	1	
	C16506	F1H1C105A145	C 1 uF 16 V	1	
	C16531	F1K1E475A134	C 4.7UF 25V	1	
	C16534	F1H1C105A145	C 1 uF 16 V	1	
	C16541	F1H1C105A145	C 1 uF 16 V	1	
	C16542	F2A1E470B725	E 47UF, 25V	1	PAVCCZ
	C16551	F1K1E475A134	C 4.7UF 25V	1	
	C16561	F1J1A106A087	C 10UF, 10V	1	
	C16562	F1H1C105A145	C 1 uF 16 V	1	
	C16564	F1H1C105A145	C 1 uF 16 V	1	
	C16565	ECJ1VB1H103K	C 0.01UF, 50V	1	
	C16566	ECJ1VB1H103K	C 0.01UF, 50V	1	
	C16567	F1H1C105A145	C 1 uF 16 V	1	
	C16581	F1K1E105A029	C 1UF, 25V	1	
	C16582	F1K1E475A134	C 4.7UF 25V	1	
	C16593	ECJ1XC1H102J	C 1000PF, J, 50V	1	
	C16602	F1H1H2200008	C 22PF, 50V	1	
	C16603	F1K2J102A014	C 1000PF, 630V	1	
	C16604	F1K2J102A014	C 1000PF, 630V	1	
	C16661	F1K2J102A038	C 1000PF, 630V	1	
	C16662	F1K2J102A038	C 1000PF, 630V	1	
	C16664	ECJ1XC1H820J	C 82PF, J, 50V	1	
	C16665	ECJ1XC1H820J	C 82PF, J, 50V	1	
	C16666	ECJ1XC1H820J	C 82PF, J, 50V	1	
	C16668	F1H1H821A831	C 820 PF, 50V	1	PAVCCZ
	C16685	F1H1H104A970	C 0.1UF, , 50V	1	
	C16723	F1K1E105A029	C 1UF, 25V	1	
	C16724	F1K1E475A134	C 4.7UF 25V	1	
	C16727	F1E2J331A002	C 330PF, 630V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C16729	F1E2J331A002	C 330PF, 630V	1	
	C16730	F1E2J331A002	C 330PF, 630V	1	
	C16753	F1K1E475A134	C 4.7UF 25V	1	
	C16770	F1H1C105A145	C 1 uF 16 V	1	
	C16791	F2A1E221B726	E 220UF, 25V	1	PAVCCZ
	C16793	F2A1E221B726	E 220UF, 25V	1	PAVCCZ
	C16795	F2A1E221B726	E 220UF, 25V	1	PAVCCZ
	C16796	F1K1E475A134	C 4.7UF 25V	1	
	C16813	F2A2T1210001	E 120UF, 220V	1	PAVCCZ
	C16833	F1K2J222A014	C 2200PF ,630V	1	
	C16834	F1K2J222A014	C 2200PF ,630V	1	
	C16842	F2A2C1010028	E 100UF, 160V	1	PAVCCZ
	C16843	ECJ1VB1A105K	C 1UF, 10V	1	
	C16844	F1J1H104A717	C 0.1UF, 50V	1	
	C16854	F1J1H104A717	C 0.1UF, 50V	1	
	C16856	ECJ1VB1A105K	C 1UF, 10V	1	
	C16858	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C16859	F1J1H104A717	C 0.1UF, 50V	1	
	C16860	ECJ1VB1A105K	C 1UF, 10V	1	
	C16861	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C16862	ECJ1VB1A105K	C 1UF, 10V	1	
	C16863	F1J1H104A717	C 0.1UF, 50V	1	
	C16865	F1H1C105A145	C 1 uF 16 V	1	
	C16891	F1K1E105A029	C 1UF, 25V	1	
	C16902	F1E2J332A002	C 3300PF, 630V	1	
	C16903	F1L2J1520001	C 1500PF, 630V	1	
	C16906	F1L2J4710001	C 470PF, 630V	1	
	C17101	ECJ1VB1A105K	C 1UF, 10V	1	
	C17102	ECJ1VB1A105K	C 1UF, 10V	1	
	C17103	ECJ1VB1A105K	C 1UF, 10V	1	
	C17104	ECJ1VB1A105K	C 1UF, 10V	1	
	C17105	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C17118	F1L2E154A028	C 0.15UF, 250V	1	
	C17120	F1L2E154A028	C 0.15UF, 250V	1	
	C17121	F1L2E154A028	C 0.15UF, 250V	1	
	C17123	F1L2E154A028	C 0.15UF, 250V	1	
	C17201	ECJ1VB1A105K	C 1UF, 10V	1	
	C17202	ECJ1VB1A105K	C 1UF, 10V	1	
	C17203	ECJ1VB1A105K	C 1UF, 10V	1	
	C17204	ECJ1VB1A105K	C 1UF, 10V	1	
	C17205	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C17206	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C17223	F1L2E154A028	C 0.15UF, 250V	1	
	C17224	F1L2E154A028	C 0.15UF, 250V	1	
	C17226	F1L2E154A028	C 0.15UF, 250V	1	
	C17227	F1L2E154A028	C 0.15UF, 250V	1	
	CB1	K1MY55B00002	55P CONNECTOR	1	
	CB2	K1MY55B00002	55P CONNECTOR	1	
	CB3	K1MY55B00002	55P CONNECTOR	1	
	CB4	K1MY55B00002	55P CONNECTOR	1	
	CB5	K1MY55B00002	55P CONNECTOR	1	
	CB6	K1MY55B00002	55P CONNECTOR	1	
	CB7	K1MY55B00002	55P CONNECTOR	1	
	CB8	K1MY55B00002	55P CONNECTOR	1	
	D14904	B0ECKM000046	DIODE	1	
	D14909	B0ADCJ000100	DIODE	1	
	D14910	B0ADCJ000100	DIODE	1	
	D14955	B0ECKM000046	DIODE	1	
	D14956	B0ECKM000046	DIODE	1	
	D14962	B0ACCJ000048	DIODE	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	D14976	B0ACCJ000048	DIODE	1	
	D16001	B0ECLP000010	DIODE	1	PAVCCZ
	D16002	B0ECLP000010	DIODE	1	PAVCCZ
	D16021	B0ECLP000010	DIODE	1	PAVCCZ
	D16101	B0JCME000093	DIODE	1	
	D16131	B0ECKP000055	DIODE	1	
	D16133	B0ACCJ000048	DIODE	1	
	D16134	DZ2J051M0L	ZENER DIODE	1	
	D16191	B0ECKP000055	DIODE	1	
	D16192	B0ACCJ000048	DIODE	1	
	D16193	DZ2J051M0L	ZENER DIODE	1	
	D16281	DZ2J051M0L	ZENER DIODE	1	
	D16282	DZ2J068M0L	ZENER DIODE	1	
	D16285	B0ADEJ000035	ZENER DIODE	1	
	D16315	DZ2J150M0L	ZENER DIODE	1	
	D16316	B0ECKP000055	DIODE	1	
	D16317	B0ECHR000004	DIODE	1	PAVCCZ
	D16401	B0ECLP000010	DIODE	1	PAVCCZ
	D16402	B0ECLP000010	DIODE	1	PAVCCZ
	D16407	B0JCME000093	DIODE	1	
	D16411	B0ADCJ000100	DIODE	1	
	D16413	B0ACCJ000048	DIODE	1	
	D16421	B0ECLP000010	DIODE	1	PAVCCZ
	D16422	B0ECLP000010	DIODE	1	PAVCCZ
	D16431	B0ECKP000055	DIODE	1	
	D16433	B0ECKP000055	DIODE	1	
	D16461	B0FBCN000005	DIODE	1	
	D16473	B0ACCJ000048	DIODE	1	
	D16474	B0ACCJ000048	DIODE	1	
	D16481	B0FBCN000005	DIODE	1	
	D16491	B0ACCJ000048	DIODE	1	
	D16492	DZ2J047M0L	ZENER DIODE	1	
	D16493	B0ADCJ000100	DIODE	1	
	D16506	DZ2J051M0L	ZENER DIODE	1	
	D16507	DZ2J051M0L	ZENER DIODE	1	
	D16534	DZ2J051M0L	ZENER DIODE	1	
	D16536	B0ECKP000055	DIODE	1	
	D16537	B0ADCJ000100	DIODE	1	
	D16583	B3ABB0000210	LED	1	
	D16602	DZ2J043M0L	ZENER DIODE	1	
	D16603	B0ACCJ000048	DIODE	1	
	D16604	B0ADCJ000100	DIODE	1	
	D16605	B0ACCJ000048	DIODE	1	
	D16607	B0ACCJ000048	DIODE	1	
	D16618	B0ECKP000055	DIODE	1	
	D16620	B0ECKP000055	DIODE	1	
	D16641	B0FCBN000001	DIODE	1	PAVCCZ
	D16642	B0FCBN000001	DIODE	1	PAVCCZ
	D16662	DZ2J330M0L	ZENER DIODE	1	
	D16663	DZ2J330M0L	ZENER DIODE	1	
	D16664	DZ2J330M0L	ZENER DIODE	1	
	D16669	B0ACCJ000048	DIODE	1	
	D16673	B0ECHS000002	DIODE	1	PAVCCZ
	D16674	B0ECHS000002	DIODE	1	PAVCCZ
	D16685	B0ACCJ000048	DIODE	1	
	D16710	DZ2J15000L	ZENER DIODE	1	
	D16711	B0ECHR000004	DIODE	1	PAVCCZ
	D16712	B0ECHR000004	DIODE	1	PAVCCZ
	D16713	B0ECHS000002	DIODE	1	PAVCCZ
	D16714	B0ECHS000002	DIODE	1	PAVCCZ
	D16720	B0ECHR000004	DIODE	1	PAVCCZ
	D16722	B0ECLP000010	DIODE	1	PAVCCZ

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	D16723	B0ECLP000010	DIODE	1	PAVCCZ
	D16728	B0ECKP000055	DIODE	1	
	D16791	DZ2J240M0L	ZENER DIODE	1	
	D16822	B0ACCJ000048	DIODE	1	
	D16823	B0ADCJ000100	DIODE	1	
	D16824	B0ACCJ000048	DIODE	1	
	D16825	DZ2J330M0L	ZENER DIODE	1	
	D16833	B0ECHR000004	DIODE	1	PAVCCZ
	IC14901	AN16531A-VT	IC	1	PAVCCZ
	IC14902	AN16531A-VT	IC	1	PAVCCZ
	IC14903	AN16531A-VT	IC	1	PAVCCZ
	IC14904	AN16531A-VT	IC	1	PAVCCZ
	IC14951	AN16531A-VT	IC	1	PAVCCZ
	IC14952	AN16531A-VT	IC	1	PAVCCZ
	IC14953	AN16531A-VT	IC	1	PAVCCZ
	IC14954	AN16531A-VT	IC	1	PAVCCZ
	IC14961	C0JBAB000996	IC	1	PAVCCZ
	IC14962	C0JBAB000996	IC	1	PAVCCZ
	IC14963	C0JBAA000558	IC	1	PAVCCZ
	IC16131	C0ZBZ0001822	IC	1	PAVCCZ
	IC16132	C0ZBZ0001822	IC	1	PAVCCZ
	IC16191	C0ZBZ0001822	IC	1	PAVCCZ
	IC16241	C0JBAU000088	IC	1	
	IC16304	MIP3910MSSCF	IC	1	
	IC16312	C0DBZMC00006	IC	1	
	IC16471	C0DBEYY00114	IC	1	
	IC16490	C0DBZMC00006	IC	1	
	IC16491	C0BBAA000008	LINEAR IC	1	
	IC16501	C0ZBZ0001822	IC	1	PAVCCZ
	IC16502	C0ZBZ0001822	IC	1	PAVCCZ
	IC16521	C0ZBZ0001822	IC	1	PAVCCZ
	IC16522	C0ZBZ0001822	IC	1	PAVCCZ
	IC16561	C0JBAU000088	IC	1	
	IC16562	C0JBAU000088	IC	1	
	IC16563	C0JBAB000996	IC	1	PAVCCZ
	IC16564	C0JBAE000321	IC	1	
	IC16581	C0BBBA000024	IC	1	
	IC16684	C0ZBZ0001822	IC	1	PAVCCZ
	IC16724	C0CBADE00049	IC	1	
	IC16784	MIP3910MSSCF	IC	1	
	IC16785	C0DBZYY00352	IC	1	
	IC16786	MIP3910MSSCF	IC	1	
	IC16787	C0DBZYY00352	IC	1	
	IC16795	C0CBALC00012	IC	1	
	IC16921	C1ZBZ0004292	IC	1	PAVCCZ
	IC17101	C0JBAU000088	IC	1	
	IC17201	C0JBAU000088	IC	1	
	IC17202	C0JBAU000089	IC	1	PAVCCZ
	L16011	G0CR76KA0215	INDUCTOR	1	PAVCCZ
	L16303	G0C471MA0049	PEAKING COIL	1	
	L16411	G0CR76KA0215	INDUCTOR	1	PAVCCZ
	L16451	G0ZZ00002183	PEAKING COIL	1	
	L16452	G0ZZ00002183	PEAKING COIL	1	
	L16453	G0ZZ00002183	PEAKING COIL	1	
	L16454	G0ZZ00002183	PEAKING COIL	1	
	L16455	G0ZZ00002183	PEAKING COIL	1	
	L16456	G0ZZ00002183	PEAKING COIL	1	
	PC14951	B3PBE0000059	IC	1	PAVCCZ
	PC14952	B3PBE0000059	IC	1	PAVCCZ

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	PC16131	B3PBE0000060	IC	1	PAVCCZ
	PC16191	B3PBE0000060	IC	1	PAVCCZ
	PC16192	B3PBA0000580	IC	1	PAVCCZ
	PC16461	B3PBE0000058	IC	1	PAVCCZ
	PC16462	B3PBE0000060	IC	1	PAVCCZ
	PC16463	B3PBE0000060	IC	1	PAVCCZ
	PC16480	B3PBA0000580	IC	1	PAVCCZ
	PC16603	B3PBA0000580	IC	1	PAVCCZ
	PC16685	B3PBA0000496	IC	1	
	PC16723	B3PBA0000580	IC	1	PAVCCZ
	PC16896	B3PBA0000580	IC	1	PAVCCZ
	PC16897	B3PBA0000580	IC	1	PAVCCZ
	Q16001	B1JBEN000004	TRANSISTOR	1	PAVCCZ
	Q16003	B1JBEN000004	TRANSISTOR	1	PAVCCZ
	Q16022	B1JBEN000005	TRANSISTOR	1	PAVCCZ
	Q16101	B1CFRM000015	FET	1	
	Q16102	B1CFRM000015	FET	1	
	Q16141	B1HFPFA00002	TRANSISTOR	1	
	Q16161	B1HFPFA00002	TRANSISTOR	1	
	Q16280	B1ABCE000015	TRANSISTOR	1	
	Q16401	B1JBDN000004	TRANSISTOR	1	PAVCCZ
	Q16402	B1JBDN000004	TRANSISTOR	1	PAVCCZ
	Q16421	B1JBEN000004	TRANSISTOR	1	PAVCCZ
	Q16422	B1JBEN000004	TRANSISTOR	1	PAVCCZ
	Q16441	B1JAEN000015	TRANSISTOR	1	PAVCCZ
	Q16451	B1JAEN000015	TRANSISTOR	1	PAVCCZ
	Q16471	B1ABCE000015	TRANSISTOR	1	
	Q16501	B1HFPFA00002	TRANSISTOR	1	
	Q16521	B1HFPFA00002	TRANSISTOR	1	
	Q16531	B1HFPFA00002	TRANSISTOR	1	
	Q16551	B1HFPFA00002	TRANSISTOR	1	
	Q16601	B1CERQ000061	FET	1	
	Q16602	DSA2001S0L	TRANSISTOR	1	
	Q16606	DSC2001S0L	TRANSISTOR	1	
	Q16607	B1CBGD000001	FET	1	
	Q16621	B1JBDN000004	TRANSISTOR	1	PAVCCZ
	Q16622	B1JBDN000004	TRANSISTOR	1	PAVCCZ
	Q16661	B1JAER000014	TRANSISTOR	1	PAVCCZ
	Q16762	B1HFPFA00002	TRANSISTOR	1	
	Q16815	B1ABCN000007	TRANSISTOR	1	
	Q16817	DSC2001Q0L	TRANSISTOR	1	
	Q16818	B1CBGD000001	FET	1	
	Q16819	B1CBGD000001	FET	1	
	Q16820	B1CBGD000001	FET	1	
	Q16891	DSA2001S0L	TRANSISTOR	1	
	Q16892	DSC2001Q0L	TRANSISTOR	1	
	R14349	D0GB103JA065	M 10K OHM J 1/10W	1	PAVCCZ
	R14901	D0GD100JA052	M 10 OHM,J,1/4W	1	
	R14911	D0GB103JA065	M 10K OHM J 1/10W	1	PAVCCZ
	R14943	D0GD470JA052	M 47 OHM,J,1/8W	1	PAVCCZ
	R14944	D0GD100JA052	M 10 OHM,J,1/4W	1	
	R14949	D0GD203JA052	M 20KOHM,J,1/4W	1	PAVCCZ
	R14950	D0GB103JA065	M 10K OHM J 1/10W	1	PAVCCZ
	R14958	D0GB470JA065	M 47 OHM,J,1/10W	1	PAVCCZ
	R14960	EXB38V470J	M 47 OHM 1/16 W	1	
	R14961	D0GD331JA052	M 330 OHM,J,1/4W	1	PAVCCZ
	R14962	D0GD331JA052	M 330 OHM,J,1/4W	1	PAVCCZ
	R14963	D0GD331JA052	M 330 OHM,J,1/4W	1	PAVCCZ
	R14965	D0GD331JA052	M 330 OHM,J,1/4W	1	PAVCCZ
	R14975	EXB38V470J	M 47 OHM 1/16 W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R14989	D1BD1502A044	M 15KOHM,J.1/8 W	1	
	R16001	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16003	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16022	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16101	D0GD221JA059	M 220 OHM,J,1/4W	1	
	R16102	D0GD221JA059	M 220 OHM,J,1/4W	1	
	R16103	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16104	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16105	D0GF474JA048	M 470KOHM,J,1/3W	1	PAVCCZ
	R16116	D0GB473JA065	M 47KOHM J. 1/10W	1	PAVCCZ
	R16130	D0GB103JA065	M 10K OHM J 1/10W	1	PAVCCZ
	R16131	D0GB220JA065	M 22 OHM J 1/10W	1	PAVCCZ
	R16132	D0GB101JA065	M 100 OHM,J,1/10W	1	PAVCCZ
	R16133	D1BD2700A044	M 270 OHM,J.1/8 W	1	
	R16134	D0GD750JA059	M 75 OHM,J,1/4W	1	
	R16135	D0GB4R7JA065	M 4.7 OHM J 1/10W	1	PAVCCZ
	R16137	D0GF1R0JA047	M 1 OHM,J,1/3W	1	
	R16138	D0GF102JA048	M 1.0 KOHM,J,1/3W	1	PAVCCZ
	R16141	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16143	D0GB473JA065	M 47KOHM J. 1/10W	1	PAVCCZ
	R16161	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16163	D0GB473JA065	M 47KOHM J. 1/10W	1	PAVCCZ
	R16191	D1BD2700A044	M 270 OHM,J.1/8 W	1	
	R16192	D0GB103JA065	M 10K OHM J 1/10W	1	PAVCCZ
	R16193	D0GD750JA052	M 75 OHM,J,1/4W	1	PAVCCZ
	R16195	D0GF1R0JA047	M 1 OHM,J,1/3W	1	
	R16196	D0GF102JA048	M 1.0 KOHM,J,1/3W	1	PAVCCZ
	R16197	D0GB220JA065	M 22 OHM J 1/10W	1	PAVCCZ
	R16241	EXB38V470J	M 47 OHM 1/16 W	1	
	R16242	EXB38V472JV	M 4.7 kOHM 1/16 W	1	
	R16280	D0GB222JA065	M 2.2KOHM,J,1/10W	1	PAVCCZ
	R16281	D0GB103JA065	M 10K OHM J 1/10W	1	PAVCCZ
	R16282	D0GD221JA052	M 220 OHM,J 1/4W	1	PAVCCZ
	R16283	D0GB473JA065	M 47KOHM J. 1/10W	1	PAVCCZ
	R16284	D0GB224JA065	M 220KOHM,J,1/10W	1	PAVCCZ
	R16285	EXB38V823J	M 82 kOHM 1/16 W	1	PAVCCZ
	R16289	D0GF334JA047	M 330KOHMJ,1/3W	1	
	R16290	D0GF334JA047	M 330KOHMJ,1/3W	1	
	R16307	D1BD6802A077	M68.0KOHM,D.1/10W	1	PAVCCZ
	R16318	D1BD6982A077	M69.8KOHM,D.1/10W	1	PAVCCZ
	R16319	D1BD2401A077	M 2.4KOHM,D.1/10W	1	PAVCCZ
	R16320	ERG1SJ683	M 68KOHM, J, 1W	1	
	R16330	D0GB102JA065	M 1KOHM,J,1/10W	1	
	R16332	D0GB474JA065	M 470KOHM,J,1/10W	1	PAVCCZ
	R16334	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R16335	D0GB102JA065	M 1KOHM,J,1/10W	1	
	R16401	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16402	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16411	D1BD2700A044	M 270 OHM,J.1/8 W	1	
	R16412	D1BD2700A044	M 270 OHM,J.1/8 W	1	
	R16413	D0GB331JA065	M330 OHM J 1/10W	1	PAVCCZ
	R16414	D0GB103JA065	M 10K OHM J 1/10W	1	PAVCCZ
	R16416	D0GB103JA065	M 10K OHM J 1/10W	1	PAVCCZ
	R16421	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16422	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16441	D0GF5R6JA047	M 5.6 OHM,J, 1/3W	1	
	R16451	D0GF5R6JA047	M 5.6 OHM,J, 1/3W	1	
	R16471	D0GB392JA065	M 3.9KOHM,J,1/10W	1	PAVCCZ
	R16472	D0GB222JA065	M 2.2KOHM,J,1/10W	1	PAVCCZ
	R16473	D0GD561JA052	M 560 OHM,J,1/4W	1	PAVCCZ
	R16474	D0GB102JA065	M 1KOHM,J,1/10W	1	
	R16475	D0GB472JA065	M 4.7KOHM, J,1/10W	1	

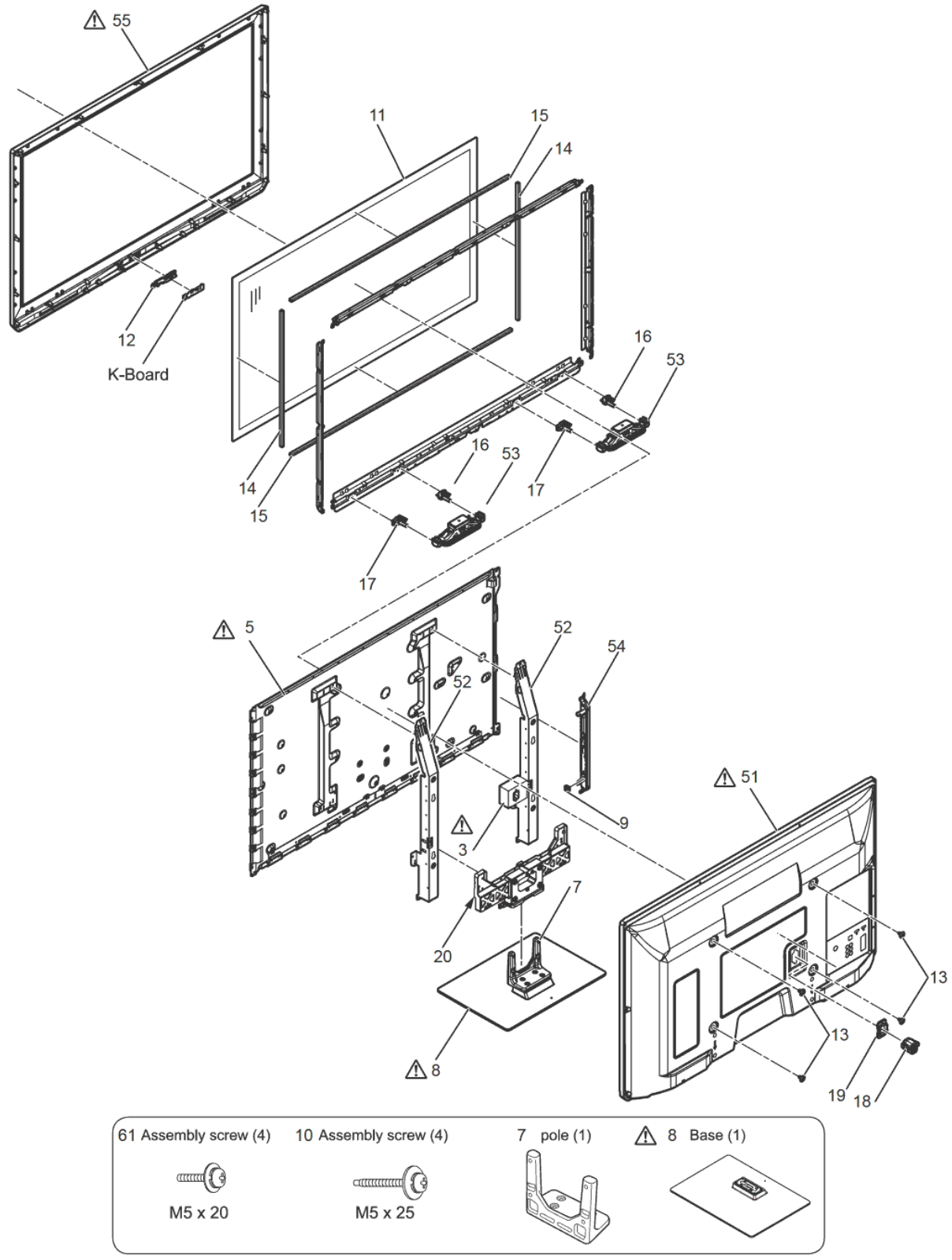
Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R16476	D0GB222JA065	M 2.2KOHM,J,1/10W	1	PAVCCZ
	R16479	D0GD103JA052	M 10KOHM,J,1/4W	1	PAVCCZ
	R16490	D1BD1203A077	M 120KOHM,D.1/10W	1	PAVCCZ
	R16491	D1BD1203A077	M 120KOHM,D.1/10W	1	PAVCCZ
	R16492	D1BD1203A077	M 120KOHM,D.1/10W	1	PAVCCZ
	R16493	D1BD2002A077	M 20KOHM,D.1/10W	1	PAVCCZ
	R16494	D1BB2001A055	M 2KOHM,J.1/10W	1	
	R16497	D0GB473JA065	M 47KOHM J. 1/10W	1	PAVCCZ
	R16498	D0GB103JA065	M 10K OHM J 1/10W	1	PAVCCZ
	R16501	D0GB220JA065	M 22 OHM J 1/10W	1	PAVCCZ
	R16503	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16505	D0GF102JA048	M 1.0 KOHM,J,1/3W	1	PAVCCZ
	R16506	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16507	D0GB220JA065	M 22 OHM J 1/10W	1	PAVCCZ
	R16508	D0GB220JA065	M 22 OHM J 1/10W	1	PAVCCZ
	R16509	D0GF102JA048	M 1.0 KOHM,J,1/3W	1	PAVCCZ
	R16512	D0GB473JA065	M 47KOHM J. 1/10W	1	PAVCCZ
	R16515	D0D52R2KA005	M 2.2 OHM,J,5W	1	PAVCCZ
	R16517	D0GB473JA065	M 47KOHM J. 1/10W	1	PAVCCZ
	R16522	D0GF101JA048	M 100 OHM,J,1/3W	1	PAVCCZ
	R16525	D0GB4R7JA065	M 4.7 OHM J 1/10W	1	PAVCCZ
	R16531	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16532	D0GB473JA065	M 47KOHM J. 1/10W	1	PAVCCZ
	R16534	D0GF561JA047	M 560 OHM,J, 1/3W	1	PAVCCZ
	R16536	D0GF5R6JA047	M 5.6 OHM,J, 1/3W	1	
	R16537	D0GF5R6JA047	M 5.6 OHM,J, 1/3W	1	
	R16538	D0GF5R6JA047	M 5.6 OHM,J, 1/3W	1	
	R16541	D0GF393JA047	M 39 KOHM,J, 1/3W	1	PAVCCZ
	R16542	D0GF393JA047	M 39 KOHM,J, 1/3W	1	PAVCCZ
	R16543	D1BD6811A044	M6.81KOHM,J.1/8 W	1	
	R16544	D1BB1001A055	M 1KOHM,J. 1/10W	1	
	R16545	D0GB103JA065	M 10K OHM J 1/10W	1	PAVCCZ
	R16551	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16552	D0GB473JA065	M 47KOHM J. 1/10W	1	PAVCCZ
	R16561	EXB38V470J	M 47 OHM 1/16 W	1	
	R16562	EXB38V470J	M 47 OHM 1/16 W	1	
	R16563	EXB38V470J	M 47 OHM 1/16 W	1	
	R16564	EXB38V470J	M 47 OHM 1/16 W	1	
	R16565	EXB38V472JV	M 4.7 kOHM 1/16 W	1	
	R16566	EXB38V472JV	M 4.7 kOHM 1/16 W	1	
	R16567	EXB38V472JV	M 4.7 kOHM 1/16 W	1	
	R16568	EXB38V472JV	M 4.7 kOHM 1/16 W	1	
	R16570	EXB38V472JV	M 4.7 kOHM 1/16 W	1	
	R16573	D0GB103JA065	M 10K OHM J 1/10W	1	PAVCCZ
	R16579	EXB38V470J	M 47 OHM 1/16 W	1	
	R16581	D0GB223JA065	M 22KOHM,J,1/10W	1	PAVCCZ
	R16586	D1BB3921A055	M3.92KOHM, 1/10W	1	PAVCCZ
	R16587	D0GB222JA065	M 2.2KOHM,J,1/10W	1	PAVCCZ
	R16590	D0GB221JA065	M 220 OHM J 1/10W	1	
	R16591	EXB38V472JV	M 4.7 kOHM 1/16 W	1	
	R16593	D1BB1581A055	M 1.58KOHM 1/10W	1	
	R16601	D0GF1R0JA047	M 1 OHM,J,1/3W	1	
	R16604	D0GD331JA052	M 330 OHM,J,1/4W	1	PAVCCZ
	R16607	D1BB4871A055	M4.87KOHM,J.1/10W	1	PAVCCZ
	R16609	D0GF102JA047	M 1.0 KOHM,J,1/3W	1	
	R16610	D0GB104JA065	M 100KOHM J 1/10W	1	
	R16612	D0GD470JA059	M 47 OHM,J,1/4W	1	
	R16615	D1BB8250A055	M 825 OHM, 1/10W	1	PAVCCZ
	R16617	D0GD222JA052	M 2.2KOHM,J,1/4W	1	PAVCCZ
	R16619	D0GF1R0JA047	M 1 OHM,J,1/3W	1	
	R16621	D0GD221JA052	M 220 OHM,J 1/4W	1	PAVCCZ
	R16622	D0GD221JA052	M 220 OHM,J 1/4W	1	PAVCCZ

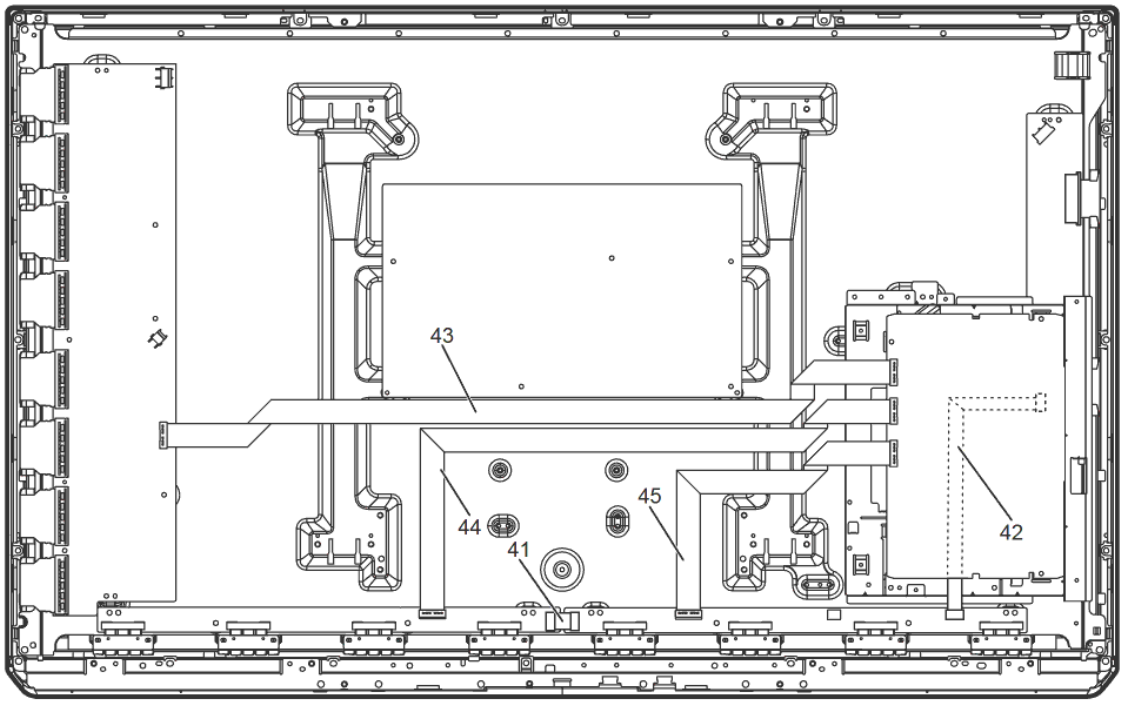
Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R16631	D0GB103JA065	M 10K OHM J 1/10W	1	PAVCCZ
	R16633	D0GD223JA052	M 22KOHM,J,1/4W	1	PAVCCZ
	R16634	D0GD222JA052	M 2.2KOHM,J,1/4W	1	PAVCCZ
	R16658	D1BD9091A077	M 9.09KOHM,D.1/10W	1	PAVCCZ
	R16661	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16662	D1BB1002A087	M 10KOHM,J.1/10W	1	
	R16663	D1BD9091A077	M 9.09KOHM,D.1/10W	1	PAVCCZ
	R16664	D0GF202JA047	M 2KOHM,J,1/3W	1	
	R16665	D0GD222JA052	M 2.2KOHM,J,1/4W	1	PAVCCZ
	R16666	D1BB1003A087	M100KOHM,D 1/10W	1	PAVCCZ
	R16674	D0GF202JA047	M 2KOHM,J,1/3W	1	
	R16675	D0GB103JA065	M 10K OHM J 1/10W	1	PAVCCZ
	R16676	D1BD2700A044	M 270 OHM,J.1/8 W	1	
	R16677	D0GF202JA047	M 2KOHM,J,1/3W	1	
	R16678	D0GF202JA047	M 2KOHM,J,1/3W	1	
	R16681	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16682	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16684	D0GB220JA065	M 22 OHM J 1/10W	1	PAVCCZ
	R16685	D1BD1500A044	M 150 OHM,J.1/8 W	1	
	R16686	D0GB103JA065	M 10K OHM J 1/10W	1	PAVCCZ
	R16761	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16763	D0GB473JA065	M 47KOHM J. 1/10W	1	PAVCCZ
	R16772	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R16773	D0GD102JA052	M 1.0KOHM,J,1/4W	1	PAVCCZ
	R16776	D0GD470JA052	M 47 OHM,J,1/8W	1	PAVCCZ
	R16786	D1BD5492A044	M54.9KOHM,F.1/8W	1	PAVCCZ
	R16791	D0GB102JA065	M 1KOHM,J,1/10W	1	
	R16815	D0GB103JA065	M 10K OHM J 1/10W	1	PAVCCZ
	R16822	D1BD8202A044	M 82KOHM,J.1/8 W	1	
	R16823	D1BD6982A044	M69.8KOHM,F.1/8W	1	PAVCCZ
	R16824	D1BD3652A044	M36.5KOHM,F.1/8W	1	PAVCCZ
	R16825	D0GD154JA059	M 150KOHM,J,1/4W	1	
	R16826	D0GB103JA065	M 10K OHM J 1/10W	1	PAVCCZ
	R16829	D0GB102JA065	M 1KOHM,J,1/10W	1	
	R16831	D1BD6812A077	M68.1KOHM,D.1/10W	1	PAVCCZ
	R16832	D1BD7152A077	M71.5K0OHM,D.1/10W	1	PAVCCZ
	R16833	ERG1SJ683	M 68KOHM, J, 1W	1	
	R16834	ERG1SJ683	M 68KOHM, J, 1W	1	
	R16838	ERG1FJS104D	M 100KOHM, J, 1W	1	
	R16841	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R16842	D0GD102JA052	M 1.0KOHM,J,1/4W	1	PAVCCZ
	R16844	ERA6YEB242	M 2.4KOHM, B 1/10W	1	
	R16845	D1BD6812A077	M68.1KOHM,D.1/10W	1	PAVCCZ
	R16846	D1BD5762A077	M57.6KOHM,D.1/10W	1	PAVCCZ
	R16847	D1BD6492A077	M64.9KOHM,D.1/10W	1	PAVCCZ
	R16851	D0GB474JA065	M 470KOHM,J,1/10W	1	PAVCCZ
	R16852	D0GB474JA065	M 470KOHM,J,1/10W	1	PAVCCZ
	R16856	D0GB102JA065	M 1KOHM,J,1/10W	1	
	R16873	ERA6YEB242	M 2.4KOHM, B 1/10W	1	
	R16891	D1BF5762A058	M 57.6KOHM, 1/4W	1	PAVCCZ
	R16892	D1BF5902A058	M 59KOHM, 1/4W	1	PAVCCZ
	R16893	D1BF5902A058	M 59KOHM, 1/4W	1	PAVCCZ
	R16894	D1BB1211A087	M1.12KOHM,D1/10W	1	PAVCCZ
	R16895	D1BB7871A087	M7.87KOHM,J.1/10W	1	PAVCCZ
	R16896	D1BF5902A058	M 59KOHM, 1/4W	1	PAVCCZ
	R16897	D1BB3922A055	M39.2KOHM, 1/10W	1	PAVCCZ
	R16898	D1BB5231A055	M5.23KOHM,J.1/10W	1	PAVCCZ
	R16899	D1BB5231A055	M5.23KOHM,J.1/10W	1	PAVCCZ
	R16900	D1BB1182A055	M11.8KOHM, 1/10W	1	PAVCCZ
	R16901	D1BB2801A055	M2.8KOHM, 1/10W	1	PAVCCZ
	R16902	D0GB6R2JA065	M 6.2 OHM J 1/10W	1	PAVCCZ
	R16921	D1BB2152A055	M 21.5KOHM, 1/10W	1	PAVCCZ

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R16922	D1BB9531A055	M9.53KOHM,J.1/10W	1	
	R16937	D0GB184JA065	M 180KOHM J 1/10W	1	PAVCCZ
	R16939	D0GD102JA052	M 1.0KOHM,J,1/4W	1	PAVCCZ
	R16940	D0GB473JA065	M 47KOHM J. 1/10W	1	PAVCCZ
	R16941	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R16942	D0GB473JA065	M 47KOHM J. 1/10W	1	PAVCCZ
	R16945	D0GB471JA065	M 470 OHM,J,1/10W	1	PAVCCZ
	R17101	D0GB101JA065	M 100 OHM,J,1/10W	1	PAVCCZ
	R17102	D0GB101JA065	M 100 OHM,J,1/10W	1	PAVCCZ
	R17103	D0GB101JA065	M 100 OHM,J,1/10W	1	PAVCCZ
	R17104	D0GB101JA065	M 100 OHM,J,1/10W	1	PAVCCZ
	R17105	D0GB101JA065	M 100 OHM,J,1/10W	1	PAVCCZ
	R17106	D0GB101JA065	M 100 OHM,J,1/10W	1	PAVCCZ
	R17107	D0GB101JA065	M 100 OHM,J,1/10W	1	PAVCCZ
	R17108	D0GB101JA065	M 100 OHM,J,1/10W	1	PAVCCZ
	R17131	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17133	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17135	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17137	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17161	D0GB470JA065	M 47 OHM,J,1/10W	1	PAVCCZ
	R17162	D0GB470JA065	M 47 OHM,J,1/10W	1	PAVCCZ
	R17163	D0GB681JA065	M 680 OHM,J,1/10W	1	PAVCCZ
	R17164	D0GB681JA065	M 680 OHM,J,1/10W	1	PAVCCZ
	R17169	EXB38V470J	M 47 OHM 1/16 W	1	
	R17170	EXB38V681J	M 680 OHM 1/16 W	1	
	R17198	D0GD224JA052	M 220KOHM,J,1/4W	1	PAVCCZ
	R17199	D0GF151JA047	M 150 OHM,J, 1/3W	1	
	R17201	D0GB101JA065	M 100 OHM,J,1/10W	1	PAVCCZ
	R17202	D0GB101JA065	M 100 OHM,J,1/10W	1	PAVCCZ
	R17203	D0GB101JA065	M 100 OHM,J,1/10W	1	PAVCCZ
	R17204	D0GB101JA065	M 100 OHM,J,1/10W	1	PAVCCZ
	R17205	D0GB101JA065	M 100 OHM,J,1/10W	1	PAVCCZ
	R17206	D0GB101JA065	M 100 OHM,J,1/10W	1	PAVCCZ
	R17207	D0GB101JA065	M 100 OHM,J,1/10W	1	PAVCCZ
	R17208	D0GB101JA065	M 100 OHM,J,1/10W	1	PAVCCZ
	R17213	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17215	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17227	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17229	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17261	D0GB470JA065	M 47 OHM,J,1/10W	1	PAVCCZ
	R17262	D0GB470JA065	M 47 OHM,J,1/10W	1	PAVCCZ
	R17263	D0GB681JA065	M 680 OHM,J,1/10W	1	PAVCCZ
	R17264	D0GB681JA065	M 680 OHM,J,1/10W	1	PAVCCZ
	R17267	EXB38V470J	M 47 OHM 1/16 W	1	
	R17268	EXB38V470J	M 47 OHM 1/16 W	1	
	R17269	EXB38V681J	M 680 OHM 1/16 W	1	
	R17270	EXB38V681J	M 680 OHM 1/16 W	1	
	R17298	D0GD224JA052	M 220KOHM,J,1/4W	1	PAVCCZ
	R17299	D0GF151JA047	M 150 OHM,J, 1/3W	1	
	SN2	K1KY02B00012	2P CONNECTOR	1	
	SN3	K1KY03BA0236	3P CONNECTOR	1	
	SN11	K1MY96BA0342	96P CONNECTOR	1	
	SN12	K1MY96BA0342	96P CONNECTOR	1	
	SN13	K1MY96BA0342	96P CONNECTOR	1	
	SN14	K1MY96BA0342	96P CONNECTOR	1	
	SN15	K1MY96BA0342	96P CONNECTOR	1	
	SN16	K1MY96BA0342	96P CONNECTOR	1	
	SN17	K1MY96BA0342	96P CONNECTOR	1	
	SN18	K1MY96BA0342	96P CONNECTOR	1	
	SN20	K1MY30BA0345	30P CONNECTOR	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	SS3	K1KY03BA0236	3P CONNECTOR	1	
	SS11	K1KY03B00006	3P CONNECTOR	1	
	SS23	K1MY20BA0345	20P CONNECTOR	1	
	SS53A	K1MY13BA0376	13P CONNECTOR	1	
	SS55A	K1MY13BA0376	13P CONNECTOR	1	
	T16471	G4DYA0000253	SWITCHING TRANS	1	PAVCCZ
	T16472	G4DYA0000252	SWITCHING TRANS	1	PAVCCZ
	ZA16002	K4AZ01D00004	TERMINAL	1	
	ZA16402	K4AZ01D00004	TERMINAL	1	
	ZA16403	K4AZ01D00004	TERMINAL	1	
	ZA17103	K4CD01000013	AV TERMINAL	1	
	ZA17202	K4CD01000013	AV TERMINAL	1	

Model No. : TX-P42C3E/J, CX3E, PR42C3 Exploded View 1

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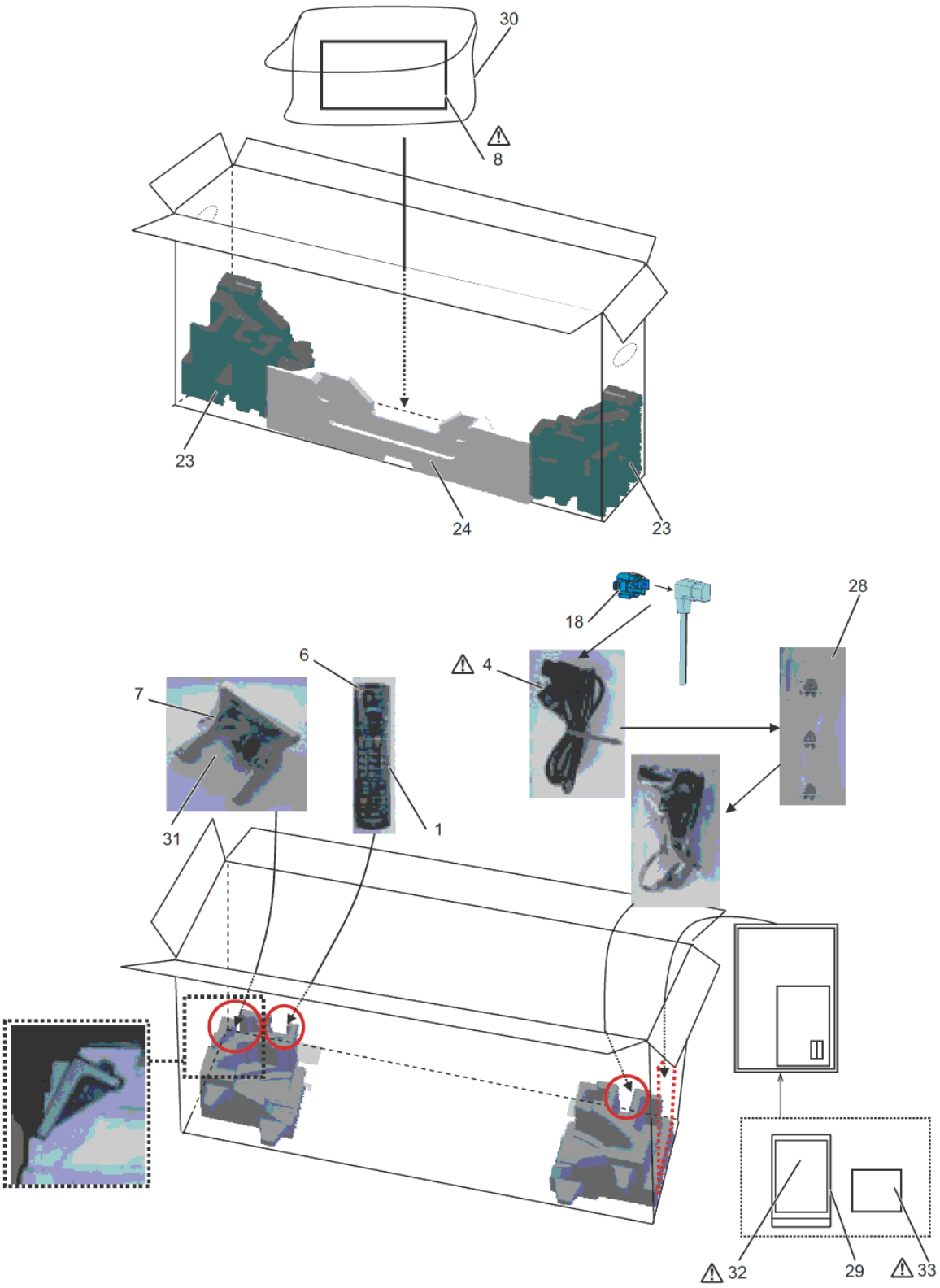
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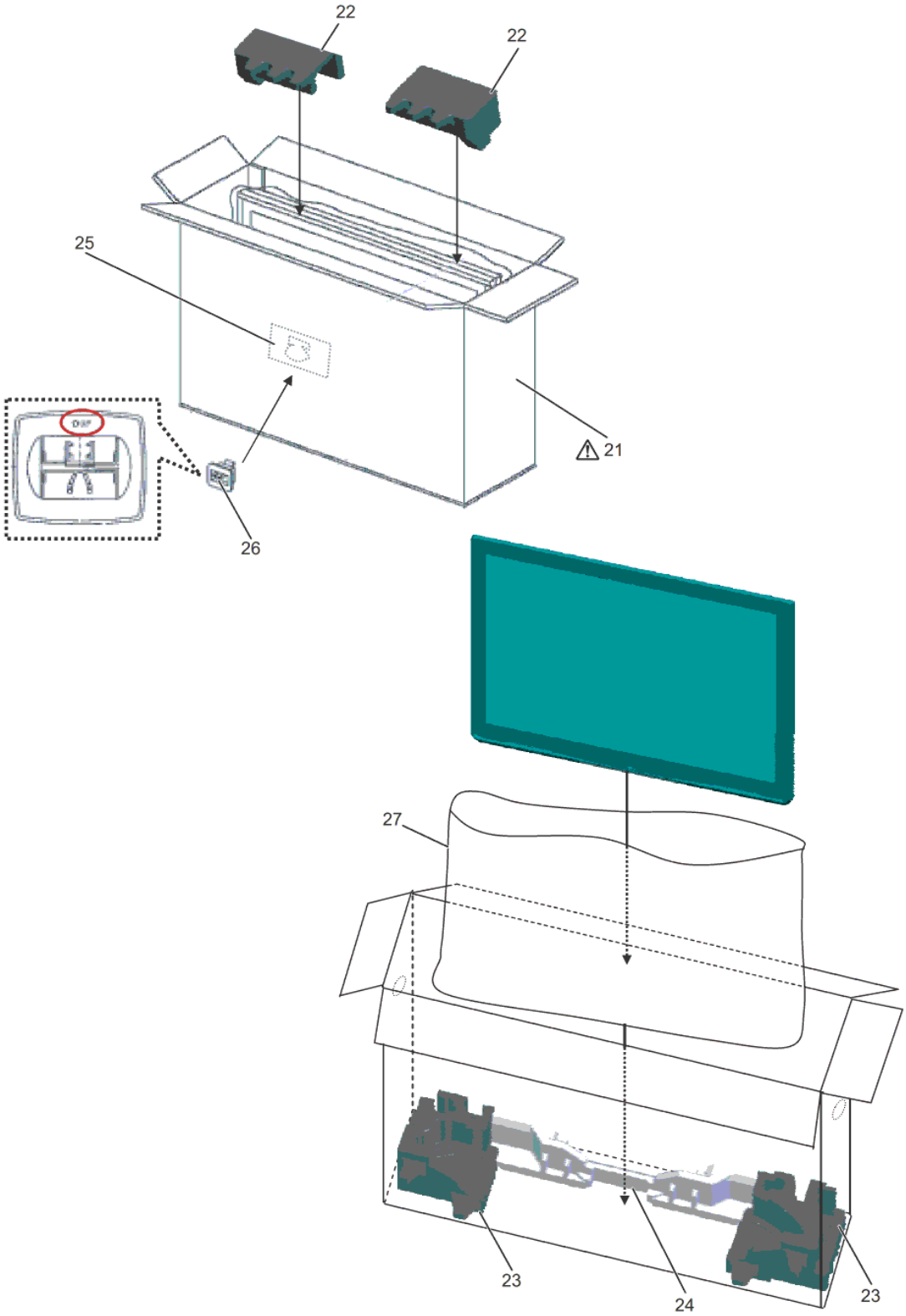
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Model No. : TX-P42C3E/J, CX3E, PR42C3 Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	1	BAT-C-0487	Battery Cover of RC	1	PAVCCZ
⚠	3	K2AHYH000042	AC INLET WITH CABLE	1	PAVCCZ
⚠	4	K2CN3YY00006	AC CORD	1	P42C3E/CX3E, PR42C3
⚠	4	K2CS3YY00010	AC CORD	1	PAVCCZ P42C3J
⚠	5	MD42H14C1Z	PLASMA DISPLAY PANEL	1	PAVCCZ
	6	N2QAYB000487	REMOTE CONTROL	1	PAVCCZ
	7	TBL5ZA3028	STAND POLE	1	PAVCCZ
⚠	8	TBL5ZX0030	PEDESTAL STAND	1	PAVCCZ
	9	TBX3EA00401	POWER BUTTON	1	
		THEJ036J	SCREW(P:5 TUNER SHEILD:3)	8	
		THEJ036J	SCREW(SN:6 SS:3 K-P:2)	11	
		THEJ036J	SCREW(DD:16 C:8)	24	
		THEJ0409	SCREW	8	PAVCCZ chap.3.1. (3)
		THEL052Z	SCREW	23	chap.3.1. (1)
	10	THEL088N	SCREW M5x25	4	PAVCCZ
	11	TKGA5669	FRONT GLASS	1	PAVCCZ
	12	TKK2AC5009	LED PANEL	1	PAVCCZ
	13	TKKL5493	M8 CAP	4	chap.3.1. (6)
	14	TMK0EG010	SPONGE(FRONT GLASS/LEFT/RIGHT)	2	PAVCCZ
	15	TMK0EG011	SPONGE(FRONT GLASS/UPPER/BOTTOM)	2	PAVCCZ
		TMME332	CLAMPER(HANGER:4 STAND BRACKET:2)	6	
		TMME332	CLAMPER	2	
		TMME332	CLAMPER(GLASS HOLDER BOTTOM)	3	
		TMME397	SPACER	3	PAVCCZ
	16	TMW3EX002	SP BRACKET L	2	
	17	TMW3EX003	SP BRACKET R	2	
	18	TMXX064	AC CORD CLAMPER A	1	
	19	TMXX065	AC CORD CLAMPER B	1	
	20	TMZ0E9925	STAND BRACKET	1	PAVCCZ
⚠	21	TPC0EA04001	CARTON BOX	1	PAVCCZ
	22	TPD0E1151	TOP CUSHION	1	PAVCCZ
	23	TPD0E2157	BOTTOM CUSHION	1	PAVCCZ
	24	TPD0E9182	PEDESTAL CUSHION	1	PAVCCZ
	25	TPD0E9196	JOINT PAD	1	PAVCCZ
	26	TPDX0016-1	JOINT FOR PEDESTAL	1	
	27	TPE0E4047	SET BAG	1	PAVCCZ
	28	TPE0E9003	BAG FOR AC CORD	1	PAVCCZ
	29	TPE0E9008	BAG (INSTRUCTION BOOK)	1	PAVCCZ
	30	TPEB489	BAG (PEDESTAL STAND)	1	PAVCCZ
	31	TPEB512	BAG (STAND POLE)	1	PAVCCZ
		TPG0E4050	PAPER CAP	0.3334	PAVCCZ
⚠	32	TQB0E2066A	INSTRUCTION BOOK(GERMAN)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066B	INSTRUCTION BOOK(DUTCH)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066C	INSTRUCTION BOOK(ITALIAN)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066D	INSTRUCTION BOOK(FRENCH)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066E	INSTRUCTION BOOK(SPANISH)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066F	INSTRUCTION BOOK(SWEDISH)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066G	INSTRUCTION BOOK(NORWEGIAN)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066H	INSTRUCTION BOOK(FINNISH)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066I	INSTRUCTION BOOK(LITHUANIAN)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066J	INSTRUCTION BOOK(PORTUGUESE)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066K	INSTRUCTION BOOK(DANISH)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066M	INSTRUCTION BOOK(BULGARIAN)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066N	INSTRUCTION BOOK(ROMANIAN)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066O	INSTRUCTION BOOK(LATVIAN)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066P	INSTRUCTION BOOK(POLISH)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066Q	INSTRUCTION BOOK(HUNGARIAN)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066R	INSTRUCTION BOOK(CZECH)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066S	INSTRUCTION BOOK(GREEK)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066T	INSTRUCTION BOOK(TURKISH)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066U	INSTRUCTION BOOK(ENGLISH)	1	PAVCCZ P42C3E

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
⚠	32	TQB0E2066W	INSTRUCTION BOOK(SLOVAKIAN)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066V	INSTRUCTION BOOK(CROATIAN)	1	PAVCCZ P42C3E
⚠	32	TQB0E2066Z	INSTRUCTION BOOK(ESTONIAN)	1	PAVCCZ P42C3E
⚠	32	TQB0E2064A	INSTRUCTION BOOK(GERMAN)	1	PAVCCZ P42C3J
⚠	32	TQB0E2064C	INSTRUCTION BOOK(ITALIAN)	1	PAVCCZ P42C3J
⚠	32	TQB0E2064D	INSTRUCTION BOOK(FRENCH)	1	PAVCCZ P42C3J
⚠	32	TQB0E20659	INSTRUCTION BOOK(KAZAKHSTAN)	1	PAVCCZ PR42C3
⚠	32	TQB0E2065L	INSTRUCTION BOOK(RUSSIAN)	1	PAVCCZ PR42C3
⚠	32	TQB0E2065Y	INSTRUCTION BOOK(UKRAINIAN)	1	PAVCCZ PR42C3
⚠	32	TQB0E2129A	INSTRUCTION BOOK(GERMAN)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129B	INSTRUCTION BOOK(DUTCH)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129C	INSTRUCTION BOOK(ITALIAN)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129D	INSTRUCTION BOOK(FRENCH)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129E	INSTRUCTION BOOK(SPANISH)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129F	INSTRUCTION BOOK(SWEDISH)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129G	INSTRUCTION BOOK(NORWEGIAN)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129H	INSTRUCTION BOOK(FINNISH)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129I	INSTRUCTION BOOK(LITHUANIAN)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129J	INSTRUCTION BOOK(PORTUGUESE)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129K	INSTRUCTION BOOK(DANISH)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129M	INSTRUCTION BOOK(BULGARIAN)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129N	INSTRUCTION BOOK(ROMANIAN)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129O	INSTRUCTION BOOK(LATVIAN)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129P	INSTRUCTION BOOK(POLISH)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129Q	INSTRUCTION BOOK(HUNGARIAN)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129R	INSTRUCTION BOOK(CZECH)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129S	INSTRUCTION BOOK(GREEK)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129T	INSTRUCTION BOOK(TURKISH)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129U	INSTRUCTION BOOK(ENGLISH)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129W	INSTRUCTION BOOK(SLOVAKIAN)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129V	INSTRUCTION BOOK(CROATIAN)	1	PAVCCZ P42CX3E
⚠	32	TQB0E2129Z	INSTRUCTION BOOK(ESTONIAN)	1	PAVCCZ P42CX3E
⚠	33	TQB0E2066X	INSTRUCTION BOOK(CD-ROM)	1	PAVCCZ P42C3E
⚠	33	TQB0E2129X	INSTRUCTION BOOK(CD-ROM)	1	PAVCCZ P42CX3E
		TQZJ346	SCREW USE HANDBILE	1	PAVCCZ
	41	TSXM217	CABLE (C10-C20)	1	
	42	TSXM228	CABLE (C23-SS23)	1	PAVCCZ
	43	TSXM242	CABLE (A23-SN20)	1	PAVCCZ
	44	TSXM243	CABLE (A33-C11)	1	PAVCCZ
	45	TSXM244-1	CABLE (A34-C21)	1	PAVCCZ
⚠	51	TTU0E0854	REAR COVER	1	PAVCCZ P42C3E
⚠	51	TTU0E0856	REAR COVER	1	PAVCCZ P42C3J
⚠	51	TTU0E0857	REAR COVER	1	PAVCCZ P42CX3E
⚠	51	TTU0E0858	REAR COVER	1	PAVCCZ PR42C3
	52	TUX0EA023	42HANGER METAL	2	PAVCCZ
	53	TXFEA01RLUE	SPEAKER L/R ASSY	2	PAVCCZ
	54	TXFKP01RLUE	SIDE TERMINAL COVER ASSY	1	PAVCCZ
⚠	55	TXFKY01RLUE	CABINET ASSY	1	PAVCCZ
		TXJA11RLUE	SPEAKER LEAD (A11-SPL/SPR)	1	PAVCCZ
		XTB4+12GFJ	SCREW(GH:14)	14	
		XTB4+12GFJK	SCREW(BC:11)	8	chap.3.1. (1)
		XTS4+10GFN	SCREW 4x10	12	
		XTV3+10JFJK	SCREW(REAR AV:2)	2	chap.3.1. (4)
		XYN3+F10FJK	SCREW	2	chap.3.1. (5)
		XYN3+F8FJ	SCREW(A-PRINT:4)	4	
		XYN3+J10FJ	SCREW	6	
		XYN4+E6FJ	SCREW(INLET:1)	1	
	61	XYN5+F20FN	SCREW M5x20 SILVER	4	PAVCCZ
		XZB6X12B03	POLY BAG(SCREW)	1	