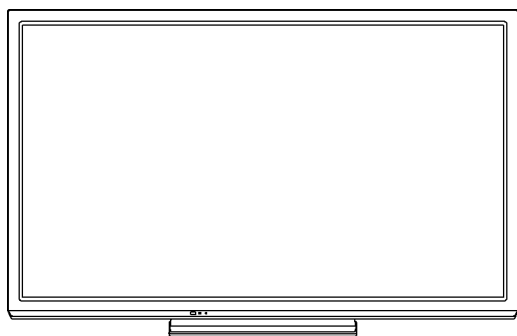


Service Manual

Plasma Television

Model No. **TH-P42X50D**
TH-P42X50K
TH-P42X50M
TH-P42X50P
TH-P42X50S
TH-P42X50Z



GPF15D-A 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.: $U_1 = 35 \text{ V}$ (peak) and $U_2 = 0.35 \text{ V}$ (peak);

For d. c.: $U_1 = 1.0 \text{ V}$,

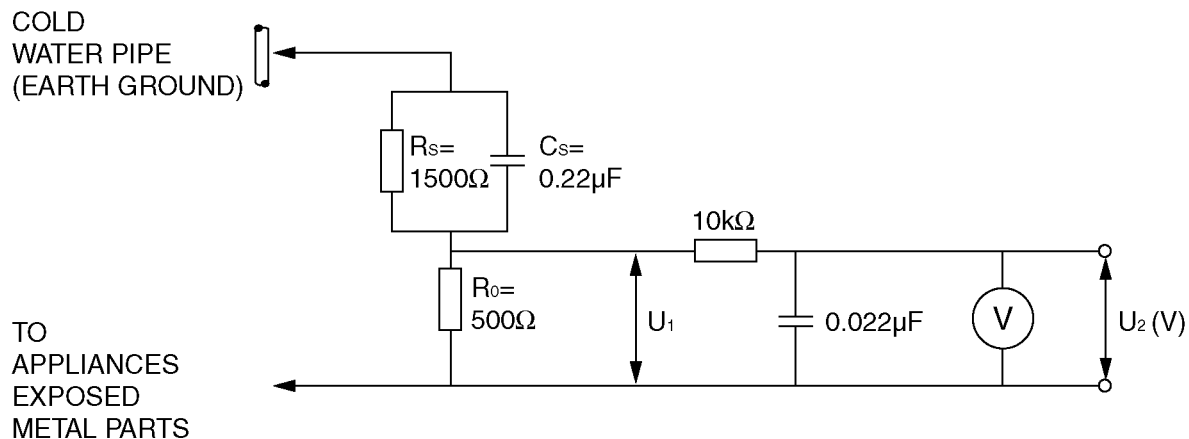
Note:

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

The limit value $U_1 = 35 \text{ V}$ (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: $\geq 1 \text{ M}\Omega$

Input capacitance: $\leq 200 \text{ pF}$

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).

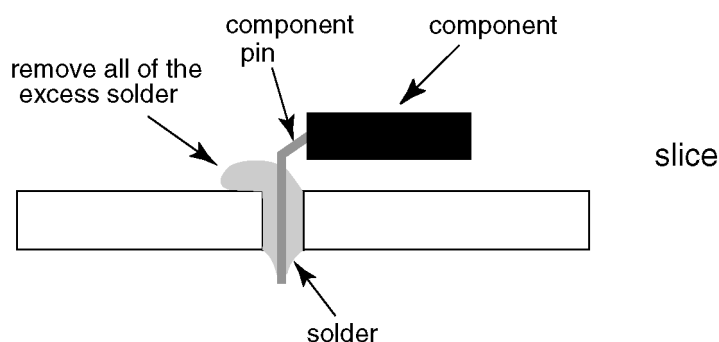
That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

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.

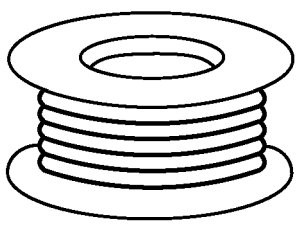
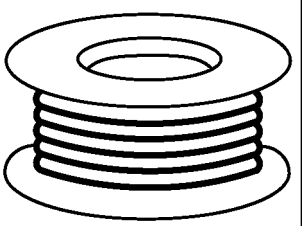
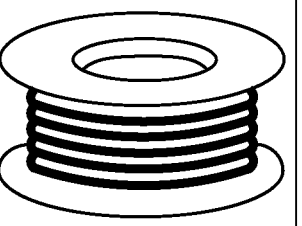
Caution

- 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)



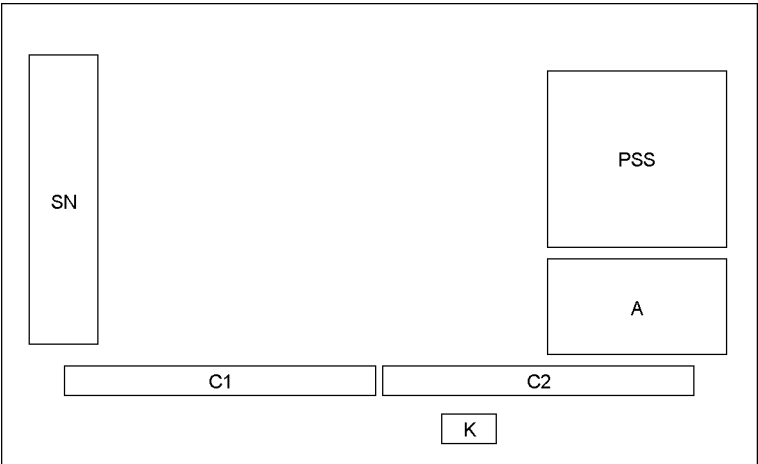
Suggested Pb free solder

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.

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

3 Service Navigation

3.1. PCB Layout



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

3.2. Applicable signals

■ COMPONENT (Y, P_B, P_R) (from AV2 terminal), HDMI

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

* Mark: Applicable input signal

■ PC (from D-sub 15P)

Signal name	Horizontal frequency (kHz)	Vertical frequency (Hz)
640 × 400 @70 Hz	31.47	70.07
640 × 480 @60 Hz	31.47	59.94
640 × 480 @75 Hz	37.50	75.00
800 × 600 @60 Hz	37.88	60.32
800 × 600 @75 Hz	46.88	75.00
800 × 600 @85 Hz	53.67	85.06
852 × 480 @60 Hz	31.44	59.89
1,024 × 768 @60 Hz	48.36	60.00
1,024 × 768 @70 Hz	56.48	70.07
1,024 × 768 @75 Hz	60.02	75.03
1,024 × 768 @85 Hz	68.68	85.00
1,280 × 1,024 @60 Hz	63.98	60.02
1,280 × 768 @60 Hz	47.70	60.00
1,366 × 768 @60 Hz	48.39	60.04
Macintosh13" (640 × 480)	35.00	66.67
Macintosh16" (832 × 624)	49.73	74.55
Macintosh21" (1,152 × 870)	68.68	75.06

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

■ PC (from HDMI terminal)

Signal name	Horizontal frequency (kHz)	Vertical frequency (Hz)
640 × 480 @60 Hz	31.47	60.00
1,280 × 720 @60 Hz	45.00	60.00
1,920 × 1,080 @60 Hz	67.50	60.00

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

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 show fine detail with sufficient clarity.

4 Specifications

Power Consumption (Z)

Power rating AC 220-240 V, 50 / 60 Hz 1.1 A

Normal (Home) mode 89 W

Standby condition 0.4 W

Power Source (Except Z)

AC 220 - 240 V, 50 / 60 Hz (Except P)

AC 110 - 240 V, 50 / 60 Hz (P)

Power Consumption (Except Z)

Power Rating 200 W (Except P) 205 W (P)

Standby condition 0.4 W

Display panel

Panel system Plasma panel

Visible screen size (diagonal) 107 cm / 42 inches

Number of pixels 786,432 (1,024 (W) × 768 (H)), [3,072 × 768 dots]

Dimensions (W × H × D)

1,007 mm × 657 mm × 231 mm (With Pedestal)

1,007 mm × 615 mm × 81 mm (TV only)

Mass

17.5 kg Net (With Pedestal)

16.0 kg Net (TV only)

Sound

Speaker (160 mm × 40 mm) × 2, 8Ω

Audio output 20 W (10 W + 10 W)

Headphones M3 (3.5 mm) stereo mini Jack × 1

Receiving systems / Band name (Z)

PAL B/G Reception of Off air broadcasts

Digital TV 8 MHz UHF (New Zealand) free-to-air TV broadcast reception

PAL 60 Hz Playback of NTSC tape from some PAL Video recorders (VCR)

M.NTSC Playback from M.NTSC Video recorders (VCR)

NTSC Playback from NTSC Video recorders (VCR)

Receiving systems / Band name (Except Z)

17 Systems		Function	17 Systems		Function
1	PAL B, G, H	Reception of broadcast transmissions and Playback from Video Cassette Tape Recorders	8	NTSC 4.43/5.5 MHz	Playback from Special VCR's or DVD
2	PAL I		9	NTSC 4.43/6.0 MHz	
3	PAL D, K		10	NTSC 4.43/6.5 MHz	
4	SECAM B, G		11	NTSC 3.58/5.5 MHz	
5	SECAM D, K		12	NTSC 3.58/6.0 MHz	
6	SECAM K1		13	NTSC 3.58/6.5 MHz	
7	NTSC M (NTSC 3.58/4.5 MHz)		14	SECAM I	
Digital TV : 7 MHz VHF / 8 MHz UHF free-to-air TV broadcast reception.(S)			15	PAL 60 Hz/5.5 MHz	Playback from Special Disc Players and Special VCR's or DVD
			16	PAL 60 Hz/6.0 MHz	
			17	PAL 60 Hz/6.5 MHz	

Receiving Channels (Except Z)

VHF BAND

2-12 (PAL/SECAM B, K1) 0-12 (PAL B AUST.)

1-9 (PAL B N.Z.) 1-12 (PAL/SECAM D)

1-12 (NTSC M Japan) 2-13 (NTSC M USA)

UHF BAND

21-69 (PAL G, H, I/SECAM G, K, K1)

28-69 (PAL B AUST.) 13-57 (PAL D, K)

13-62 (NTSC M Japan) 14-69 (NTSC M USA)

CATV

S1-S20 (OSCAR) 1-125 (USA CATV)

C13-C49 (JAPAN) S21-S41 (HYPER)

Z1-Z37 (CHINA) 5A, 9A (AUST.)

VHF/UHF

Aerial - Rear

Operating Conditions

Temperature: 0 °C - 40 °C (Except Z) 0 °C - 35 °C (Z)

Humidity: 20 % - 80 % RH (non-condensing)

Connection terminals

AV1 IN

AUDIO L - R

RCA PIN Type × 2

0.5 V [rms]

VIDEO

RCA PIN Type × 1

1.0 V [p-p] (75 Ω)

AUDIO OUT

AUDIO L - R

RCA PIN Type × 2

0.5 V [rms] (high impedance)

AV2 IN

AUDIO L - R

RCA PIN Type × 2

0.5 V [rms]

COMPONENT

Y

1.0 V [p-p] (including synchronization)

VIDEO

P_B/C_B, P_R/C_R

± 0.35 V [p-p]

VIDEO

RCA PIN Type × 1

1.0 V [p-p] (75 Ω)

HDMI 1 / 2 input

TYPE A Connectors

- This TV supports "HDAVI control 5" function.

PC

HIGH-DENSITY D-SUB 15PIN

- R, G, B: 0.7 V [p-p] (75 Ω)
- HD, VD: TTL Level 2.0 - 5.0 V [p-p] (high impedance)
- Applicable input signals: VGA, SVGA, WVGA, XGA
SXGA, WXGA (compressed)
Horizontal scanning frequency 31 - 69 kHz
Vertical scanning frequency 59 - 86 Hz

Card slotSD Card slot $\times$ 1**ETHERNET**

10BASE-T / 100BASE-TX

USB

USB 2.0 DC 5 V, Max. 500 mA

DIGITAL AUDIO OUT (S/Z)

PCM / Dolby Digital / DTS, Fiber optic

Note

- Design and Specifications are subject to change without notice. Mass and Dimensions shown are approximate.

5 Technical Descriptions

5.1. Panel-Type setting

Panel-Type setting is required after exchange the A-board.
A-board for spare parts is common use for different inch size in same series.
Go into Service Mode and confirm/select Panel-Type in OPTION to correct inch size.

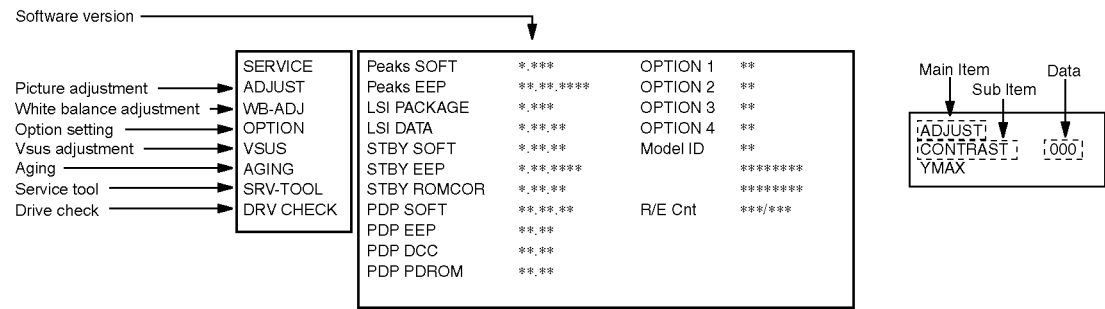
6 Service Mode

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 [i] 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 reverse direction
- [GREEN] button...All Sub items Selection in forward 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	226	
	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	FC	
	B-DRV	B2	
	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	10010000	
	OPT 2	00100010	
	OPT 3	00001001	
	OPT 4	00000000	
	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.
	MIDDLE BLUE WITH MAGENTA OUTSIDE FRAME		
	MIDDLE STEP GREEN		
	MIDDLE STEP RED		
	LOW STEP WHITE		
	ALL BLUE		
	ALL GREEN		
	ALL 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		
	DOUBLE FIXED 1% WINDOW		
	VERTICAL LINE SCROLL		
	ON/OFF		
	R/G/B/W ROTATION WITH COUNT DISPLAY		
	HALF FIXED ALL WHITE		
	ALL WHITE WITH COUNT DISPLAY		
SRV-TOOL		00	See Service tool mode
DRV CHECK	USBHDD CHECK	00	See DRV Check-USBHDD Check

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.

	SRV-TOOL	
Display of TD2Microcode version →	TD2Microcode:00750004	
Display of Flash ROM maker code →	Flash ROM : AD - F1	
Display of SOS History →	PTCT : 00 . 00 . 00 . 00 . 00 .	Time 00000:40 Count 0000001

POWER ON TIME/COUNT
Press [MUTE] button (3 sec)

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 except 2nd and 1st occurrence after shipment will be cleared by [Self-check indication and forced to factory shipment setting].

6.3.3. POWER ON TIME/COUNT

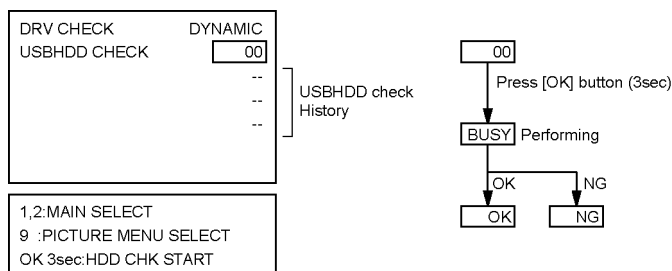
Note : To display TIME/COUNT menu, highlight position, then press MUTE for 3 sec.
Time : Cumulative power on time, indicated hour : minute by decimal
Count : Number of ON times by decimal
Note : This indication will not be cleared by either of the self-checks or any other command.

6.3.4. Exit

- 1. Disconnect the AC cord from wall outlet.

6.4. DRV Check - USB HDD Check

1. Select [DRV Check - USBHDD Check] in Service Mode.
2. Press [OK] button on the remote control for more than 3 seconds.



6.5. 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.

Hotel Mode	
Hotel Mode	Off
Initial INPUT	Off
Initial POS	Off
Initial VOL Level	Off
Maximum VOL Level	100
Button Lock	Off
Remote Lock	Off

Select

 EXIT
 Change
 RETURN

3. To exit the Hotel mode setup menu
Disconnect AC power cord from wall outlet.
4. Explain the Hotel mode setup menu

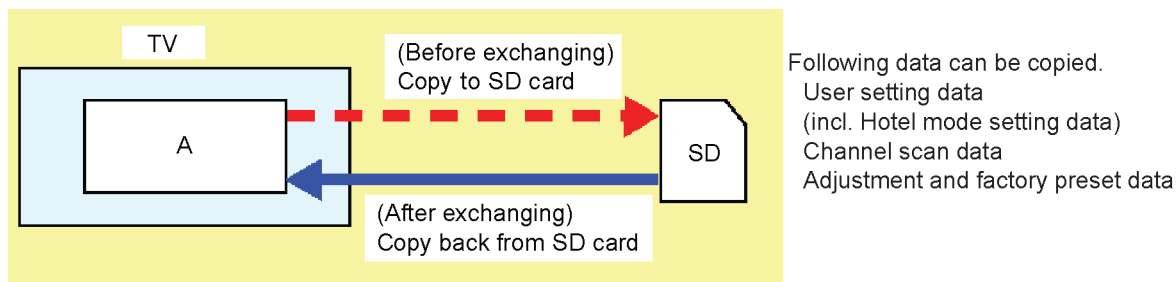
Item	Function
Hotel Mode	Select hotel mode On/Off
Initial INPUT	Select input signal modes. Set the input, when each time power is switched on. Selection : Off,Analogue TV,Digital TV,AV1,AV2,PC,HDMI1, HDMI2 • Off: give priority to a last memory.
Initial POS	Select programme number. Selection : Off/0 to 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

6.6. Data Copy by SD Card

6.6.1. Purpose

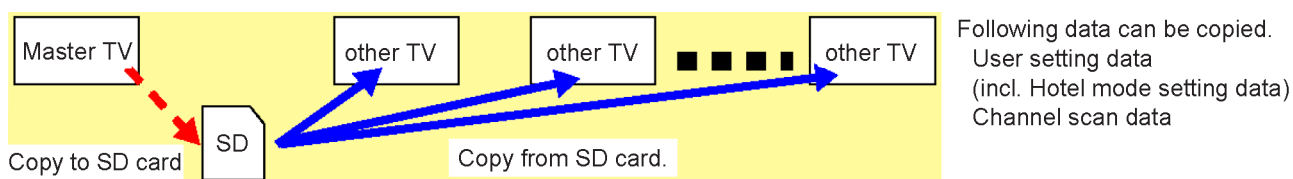
(a) Board replacement (Copy the data when exchanging A-board):

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



(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.



6.6.2. 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.

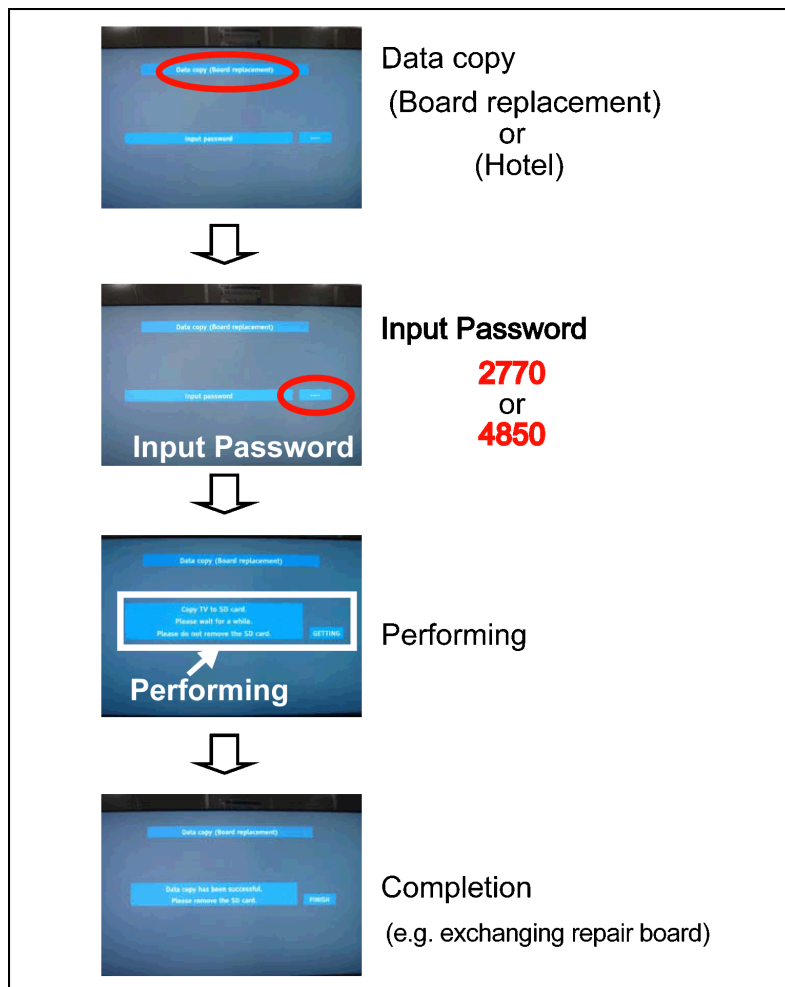
6.6.3. Data copy from TV set to SD Card

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

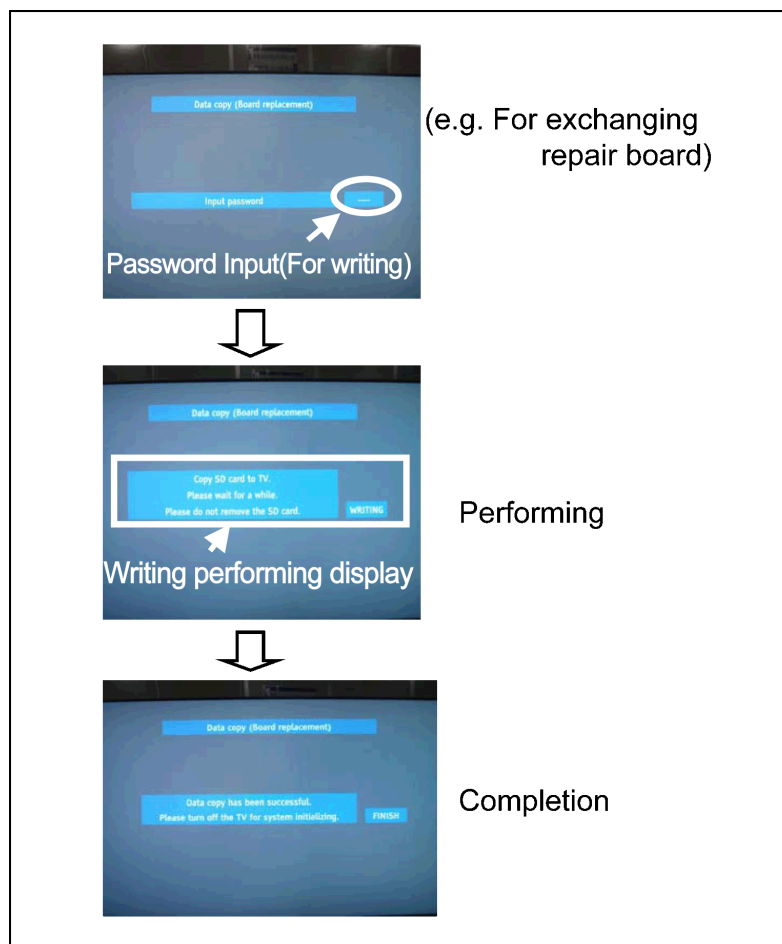


6.6.4. Data copy from SD Card to TV set

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

42HD SET		Panasonic 2012PDP	
		SELF CHECK COMPLETE SYS SELECT : NZ/INDONES	
TUN	OK	PEAKS-SOFT	*****
STBY	OK	PEAKS-EEP	*****
MEM1	OK	LSI-PACKAGE	*****
MEM2	OK	LSI-RELEASE	*****
AVSW	OK	STBY-SOFT	*****
PD5	OK	STBY-EEP	*****
TEMP	OK	STBY-ROMCORR	*****
LAN	OK	PDP-MCU	*****
		PDP-EEP	*****
		PDP-DCC	*****
		PDP-PDROM	*****
		SUM	*****
		MODEL ID	*****

7.1.3. Check Point

Confirm the following parts if NG was displayed.

DISPLAY	Check Ref. No.	Description	Check Point
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	AVSW	A-BOARD
PD5	IC9300	PD5L	A-BOARD
TEMP	IC2001	TEMP SENSOR	A-BOARD
LAN	IC8601	ETHERPHY	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.

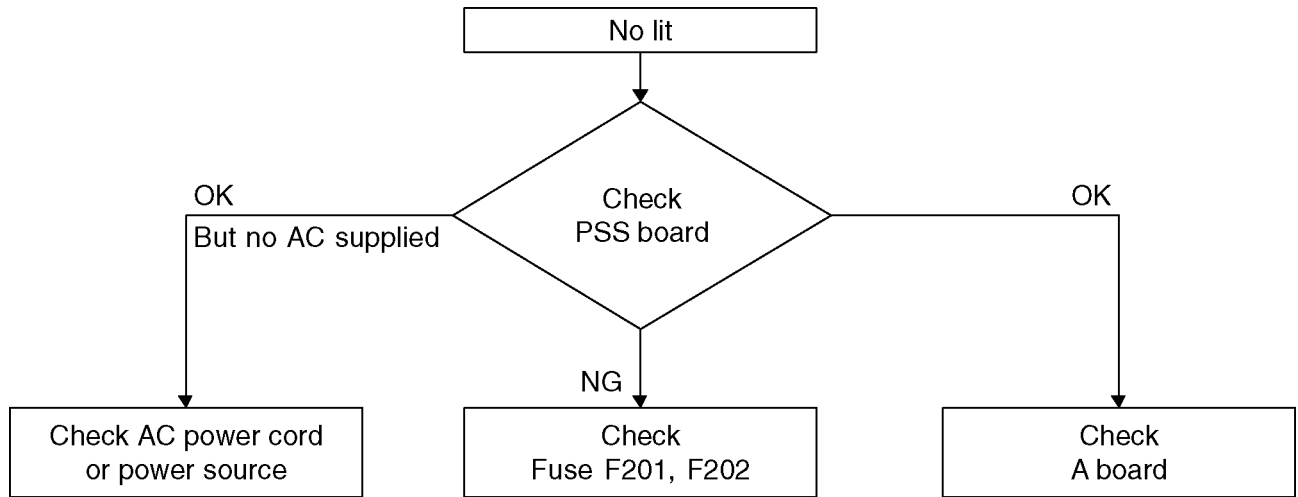
Blinking Times	Contents	Check point
1	Panel information SOS PD Start SOS	-
3	P+3.3V	A-Board
4	Power SOS	PSS-Board
5	P+5V SOS	A-Board
6	Driver SOS1 (SN/PSS Energy recovery circuit) (A-SN FPC DET)	SN-Board PSS-Board A-SN FPC
7	Driver SOS2 (SN Connector DET) (SN Scan and Logic IC)	SN-Board
8	Driver SOS3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

7.3. No Power

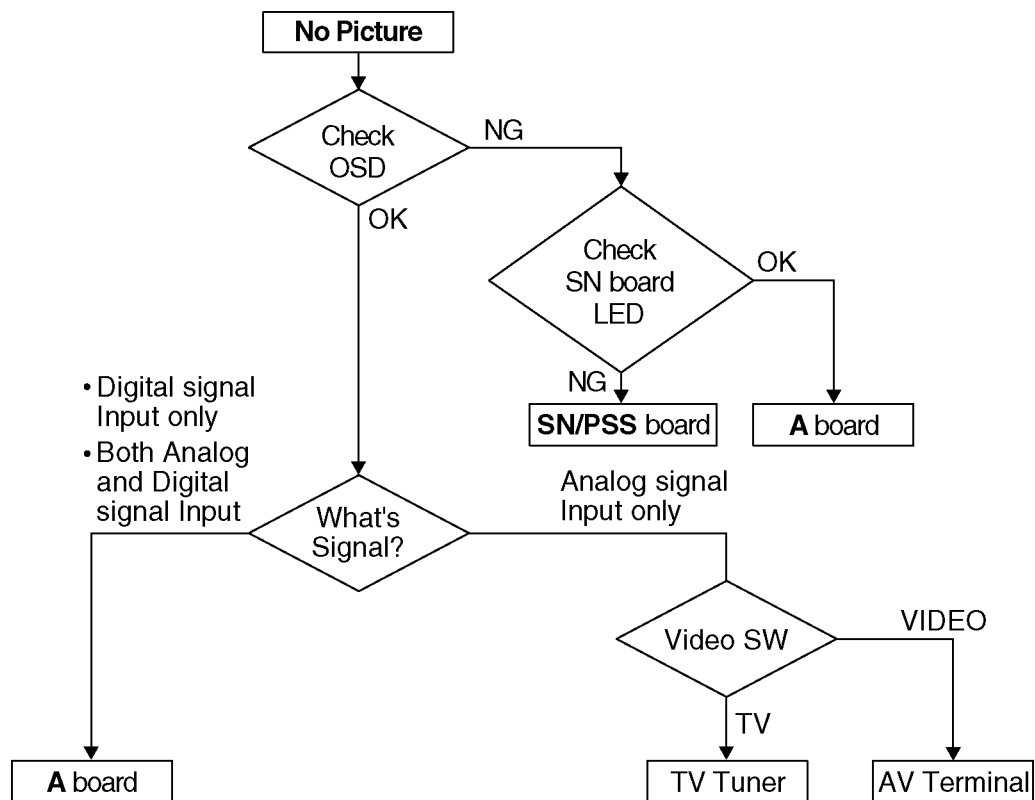
First check point

There are following 3 states of No Power indication by power LED.

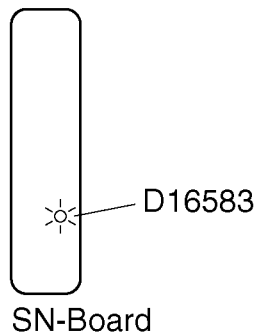
1. No lit
2. Green is lit then turns red blinking a few seconds later. (See Power LED Blinking timing chart)
3. Only red is lit.



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.

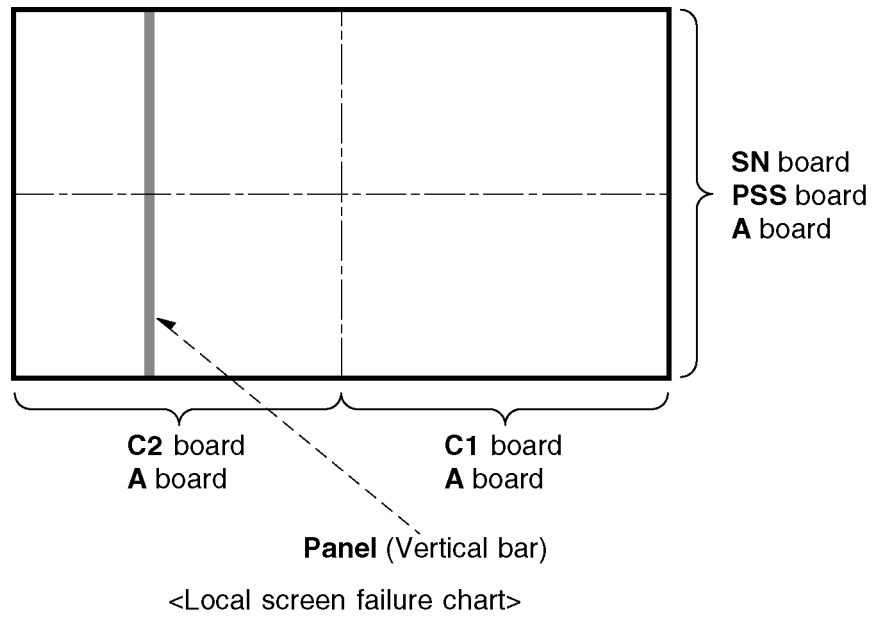
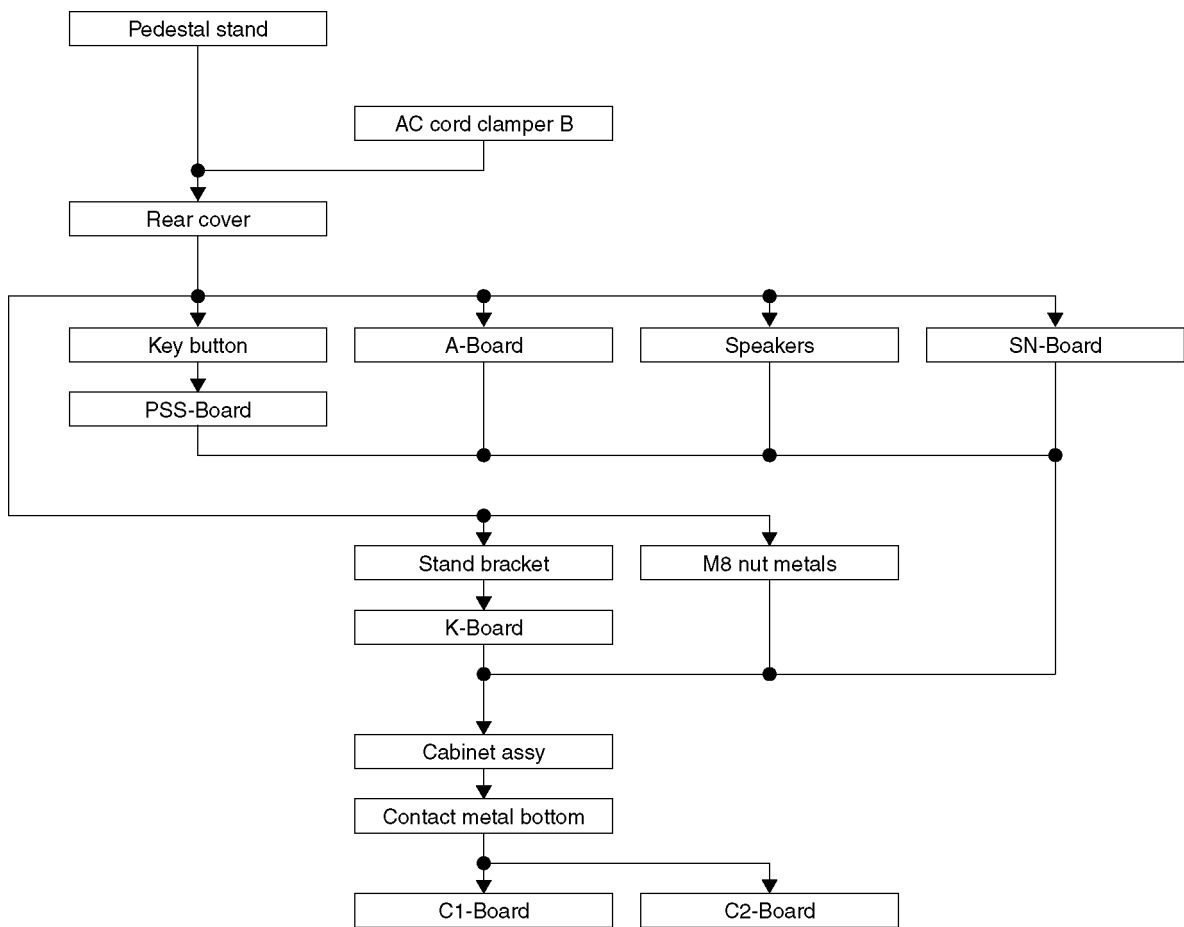


Fig-1

8 Disassembly and Assembly Instructions

8.1. Disassembly Flow Chart for the Unit

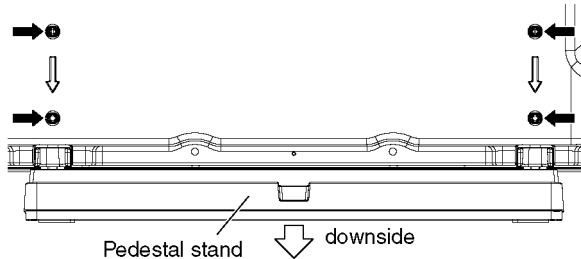
This is a disassembly chart.
When assembling, perform this chart conversely.



8.2. Disassembly Procedure for the Unit

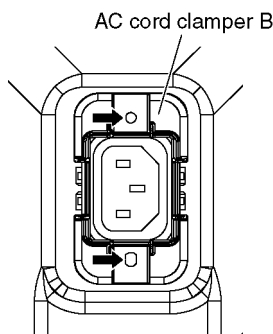
8.2.1. Remove the Pedestal stand

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. Remove the screws (×4 ➡).
3. Slide the Pedestal stand to the downside and remove the Pedestal stand.



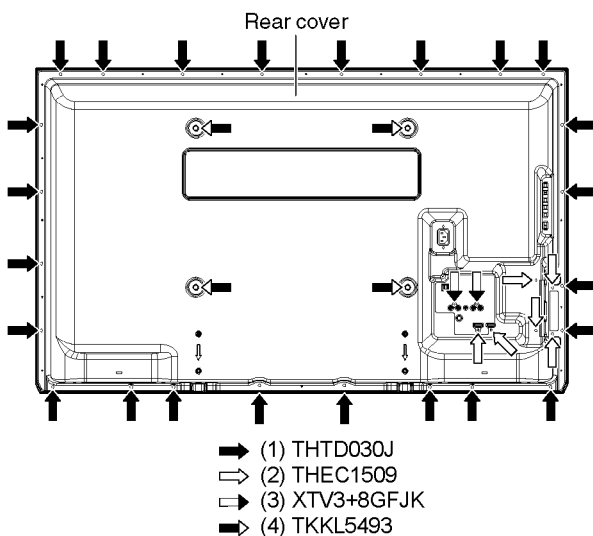
8.2.2. Remove the AC cord clamber B

1. Remove the screws (×2 ➡) and remove the AC cord clamber B.



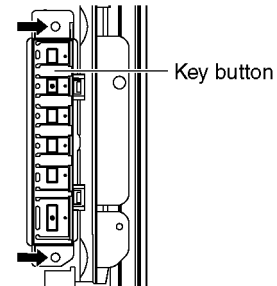
8.2.3. Remove the Rear cover

1. Remove the screws (×24 ➡, ×6 ⇨, ×2 ⇩).
2. Remove the M8 caps (×4 ➡).
3. Remove the Rear cover.



8.2.4. Remove the Key button

1. Remove the screws (×2 ➡).
2. Remove the Key button.

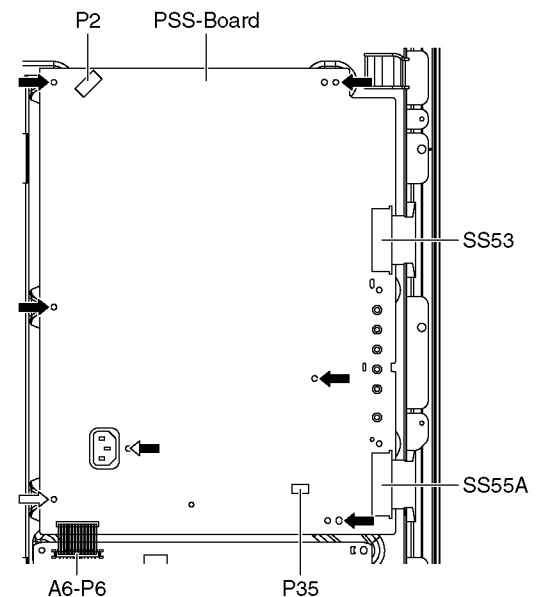


8.2.5. Remove the PSS-Board

Caution:

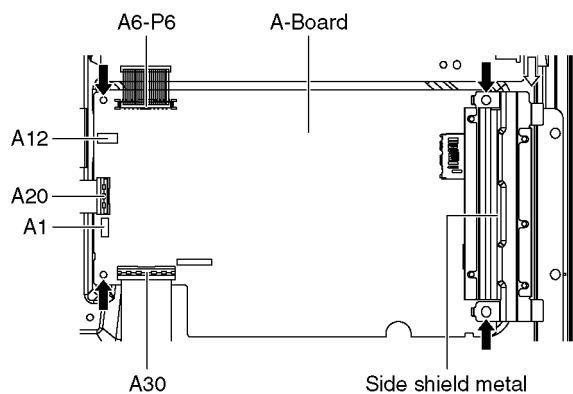
To remove P.C.B. wait 1 minute after power was off for discharge from electrolysis capacitors.

1. Disconnect the connectors (P2 and P35).
2. Disconnect the bridge connector (A6-P6).
3. Disconnect the flexible cables (SS53 and SS55A).
4. Remove the screws (×5 ➡, ×1 ⇨, ×1 ⇩) and remove the PSS-Board.



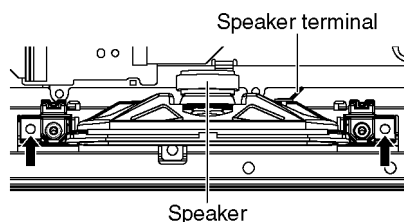
8.2.6. Remove the A-Board

1. Unlock the cable clampers and the tapes to free the cables.
2. Disconnect the connectors (A1 and A12).
3. Disconnect the bridge connector (A6-P6).
4. Disconnect the flexible cables (A20 and A30).
5. Remove the screws (×4 ➡) and remove the Side shield metal.
6. Remove the A-Board.



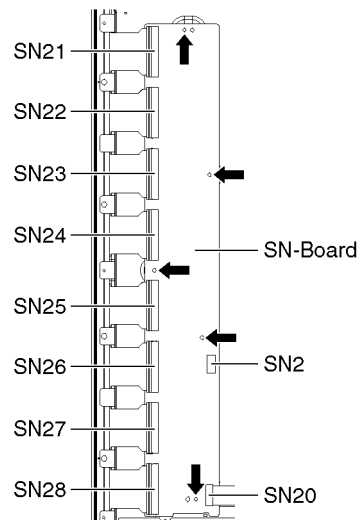
8.2.7. Remove the Speakers

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



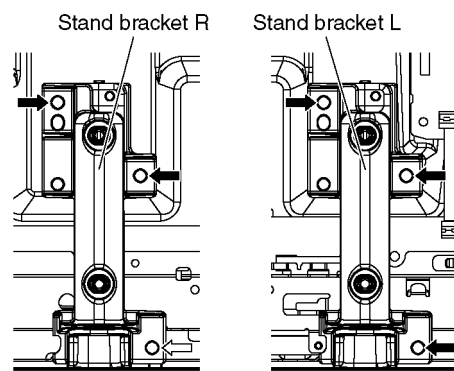
8.2.8. Remove the SN-Board

1. Remove the flexible cables (SN21, SN22, SN23, SN24, SN25, SN26, SN27 and SN28) connected to the SN-Board.
2. Disconnect the connector (SN2).
3. Disconnect the flexible cable (SN20).
4. Remove the screws (×5 ➡) and remove the SN-Board.



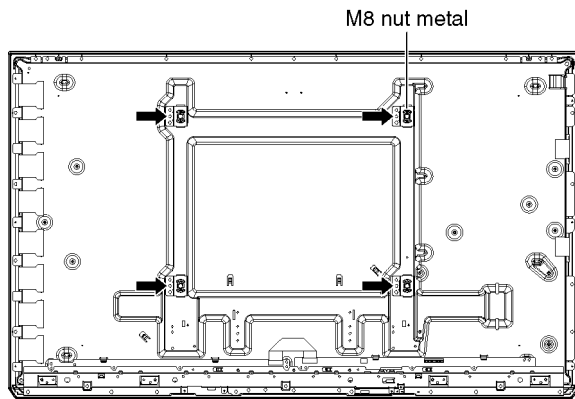
8.2.9. Remove the Stand bracket

1. Remove the screws (×5 ➡, ×1 ⇨) and remove the Stand brackets (L, R).



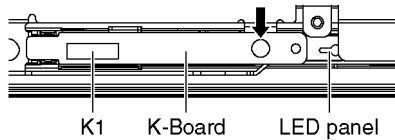
8.2.10. Remove the M8 nut metals

1. Remove the screw (×1 ➡) and remove the M8 nut metals.



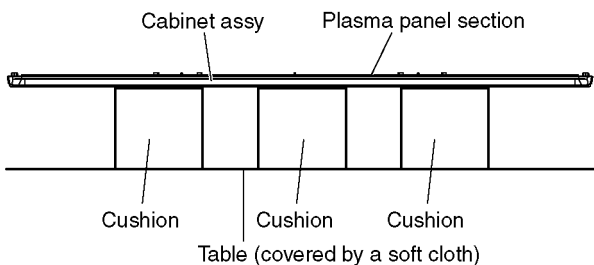
8.2.11. Remove the K-Board

1. Remove the screw (×1 ➡).
2. Disconnect the connector (K1) and remove the K-Board from the LED panel.

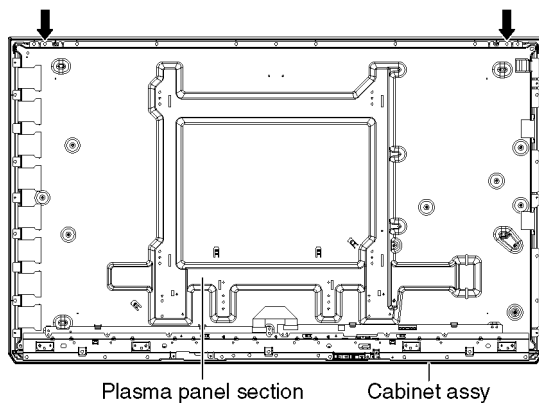


8.2.12. Remove the Cabinet assy from the Plasma panel section.

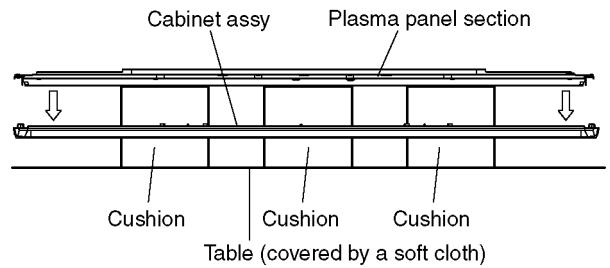
1. Place the Cabinet assy on a flat surface of a table (covered by a soft cloth) and a cushion.



2. Remove the screws (×2 ➡).

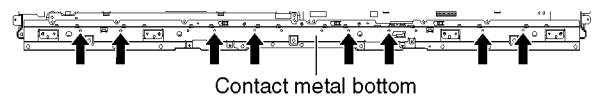


3. Remove the Cabinet assy from the Plasma panel section.



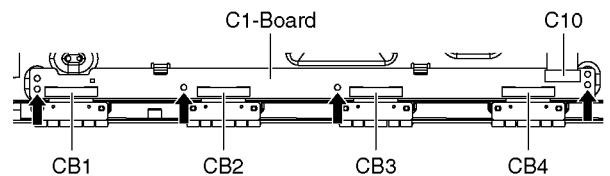
8.2.13. Remove the Contact metal bottom

1. Remove the screws (×8 ➡) and remove the Contact metal bottom.



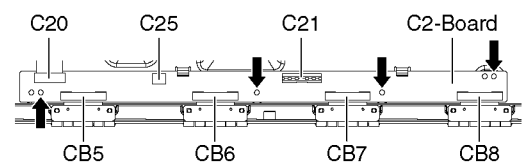
8.2.14. Remove the C1-Board

1. Disconnect the flexible cables (CB1, CB2, CB3 and CB4).
2. Disconnect the flexible cable (C10).
3. Remove the screws (×4 ➡) and remove the C1-Board.



8.2.15. Remove the C2-Board

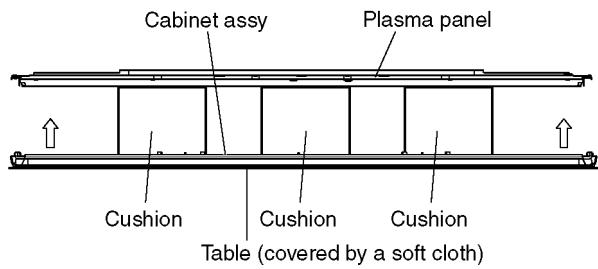
1. Disconnect the flexible cables (CB5, CB6, CB7 and CB8).
2. Disconnect the flexible cables (C20 and C21).
3. Disconnect the connector (C25).
4. Remove the screws (×4 ➡) and remove the C2-Board.



8.2.16. Replace the Plasma panel

Caution:

Place the Plasma panel on a flat surface of a table (covered by a soft cloth) and a cushion.



A new Plasma panel itself without Contact metals is fragile. To avoid the damage to new Plasma panel, carry a new Plasma panel taking hold of the Contact metal bottom.

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.
3. Attach the Cabinet assy and each P.C.Board and so on, to the new 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.

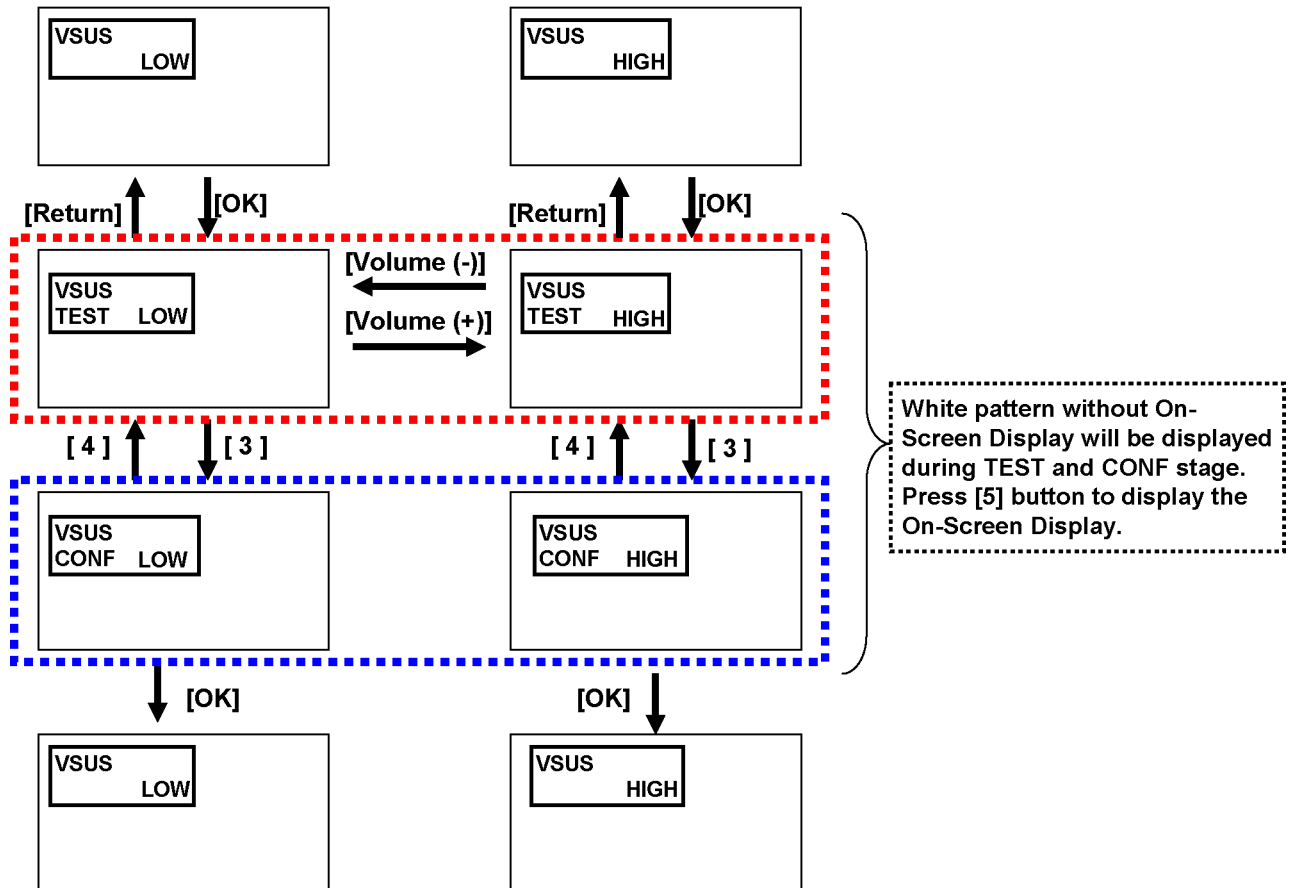
Procedure

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.

Notes:

Do not overwrite because data is written in Peaks-EEPROM after executing adjustment of V-SUS Voltage.

Vsus selection in Service mode

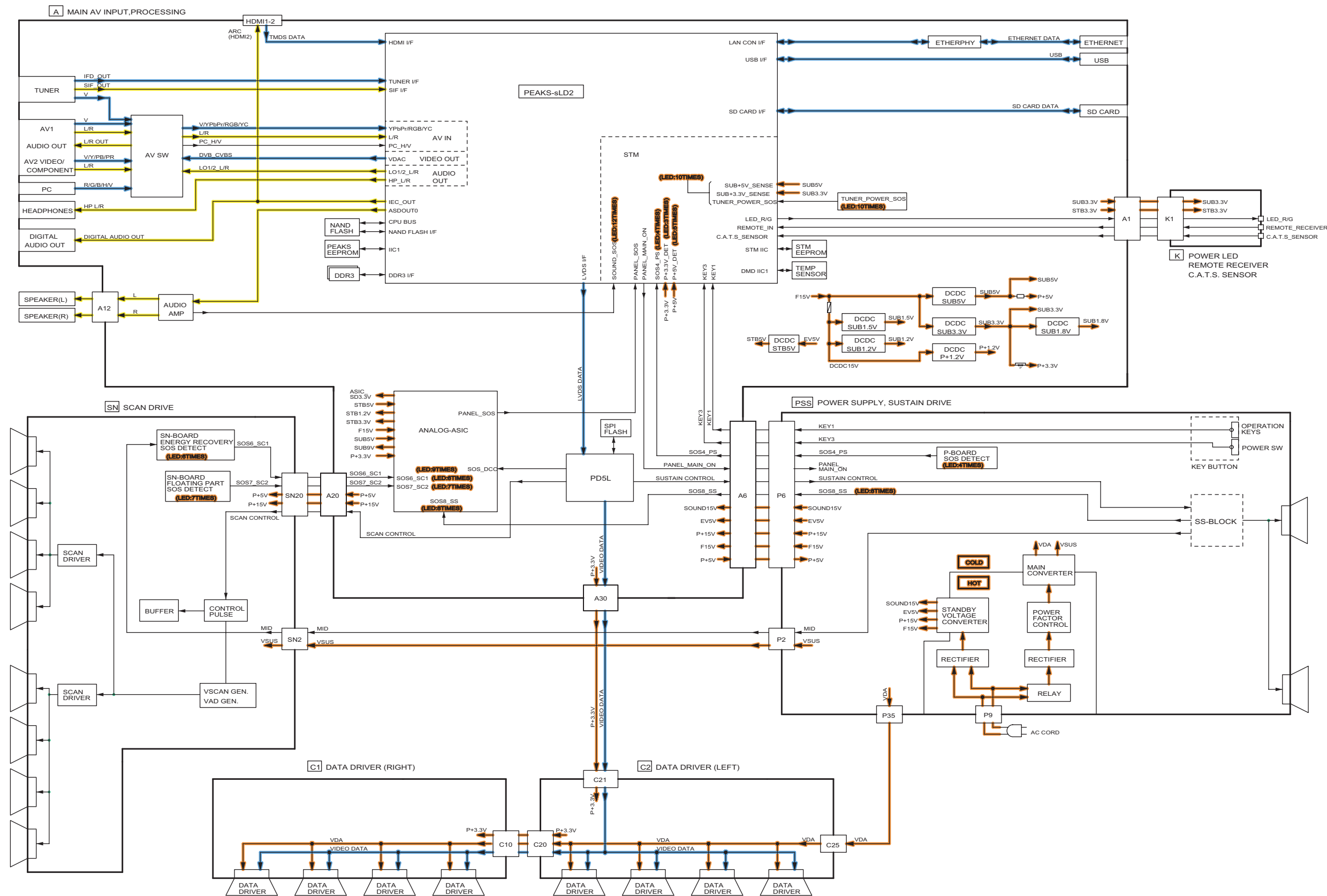


9.1.2. White balance adjustment

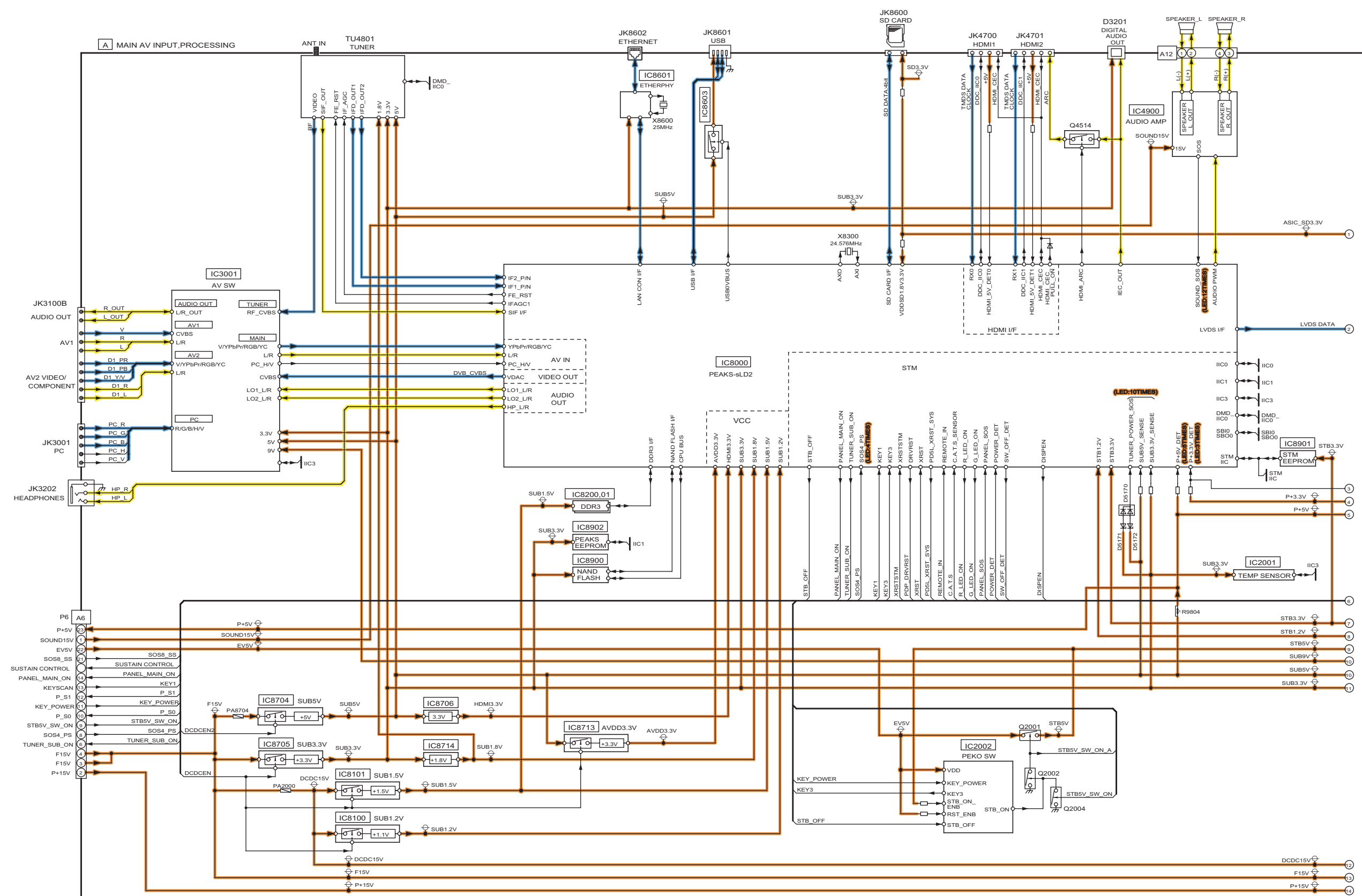
Name of measuring instrument	Remarks																										
Color analyzer (Minolta CS-2000 or equivalent)																											
Procedure	Remarks																										
1. Enter the Service mode. 2. Receive the Analog-RF (except for no signal) or set CVBS/YUV/HDMI (no signal is available). 3. Select [WB-ADJ] by using [1] and [2] key in the remote controller. 4. Check that the colour balance and the viewing mode is the values written in table1 and 2. 5. [INNER PATTERN] is displayed by using [5] key by using [5] key in the remote controller. 6. Select [G-CUTOFF] by using the [3] and [4] key in the remote controller, and set the value to [80] by using the volume [+] and [-] key. Also, [B-CUTOFF] and [R-CUTOFF] set to [80] 7. Set [G-DRIVE] value to the initial data (ex. D0). 8. Set the color analyzer and adjust color point to the values written in table1 by using [B-DRIVE] and [R-DRIVE] 9. Increase RGB-DRIVE value so that the maximum drive value of one of R-DRIVE or G-DRIVE or B-DRIVE should become [FF] ([ALL-DRIVE] set to [FF].) Table 1 : White Balance Target value <table><tr><th colspan="2">COOL</th><th colspan="2">NORMAL</th><th colspan="2">WARM</th></tr><tr><th>x</th><th>y</th><th>x</th><th>y</th><th>x</th><th>y</th></tr><tr><td>0.277</td><td>0.279</td><td>0.299</td><td>0.314</td><td>0.313</td><td>0.329</td></tr></table> Table2 : Setting of Viewing Mode <table><tr><th>Colour Balance</th><th>Viewing Mode</th></tr><tr><td>Cool</td><td>Dynamic</td></tr><tr><td>Normal</td><td>Dynamic</td></tr><tr><td>Warm</td><td>Cinema</td></tr></table>	COOL		NORMAL		WARM		x	y	x	y	x	y	0.277	0.279	0.299	0.314	0.313	0.329	Colour Balance	Viewing Mode	Cool	Dynamic	Normal	Dynamic	Warm	Cinema	
COOL		NORMAL		WARM																							
x	y	x	y	x	y																						
0.277	0.279	0.299	0.314	0.313	0.329																						
Colour Balance	Viewing Mode																										
Cool	Dynamic																										
Normal	Dynamic																										
Warm	Cinema																										

10 Block Diagram

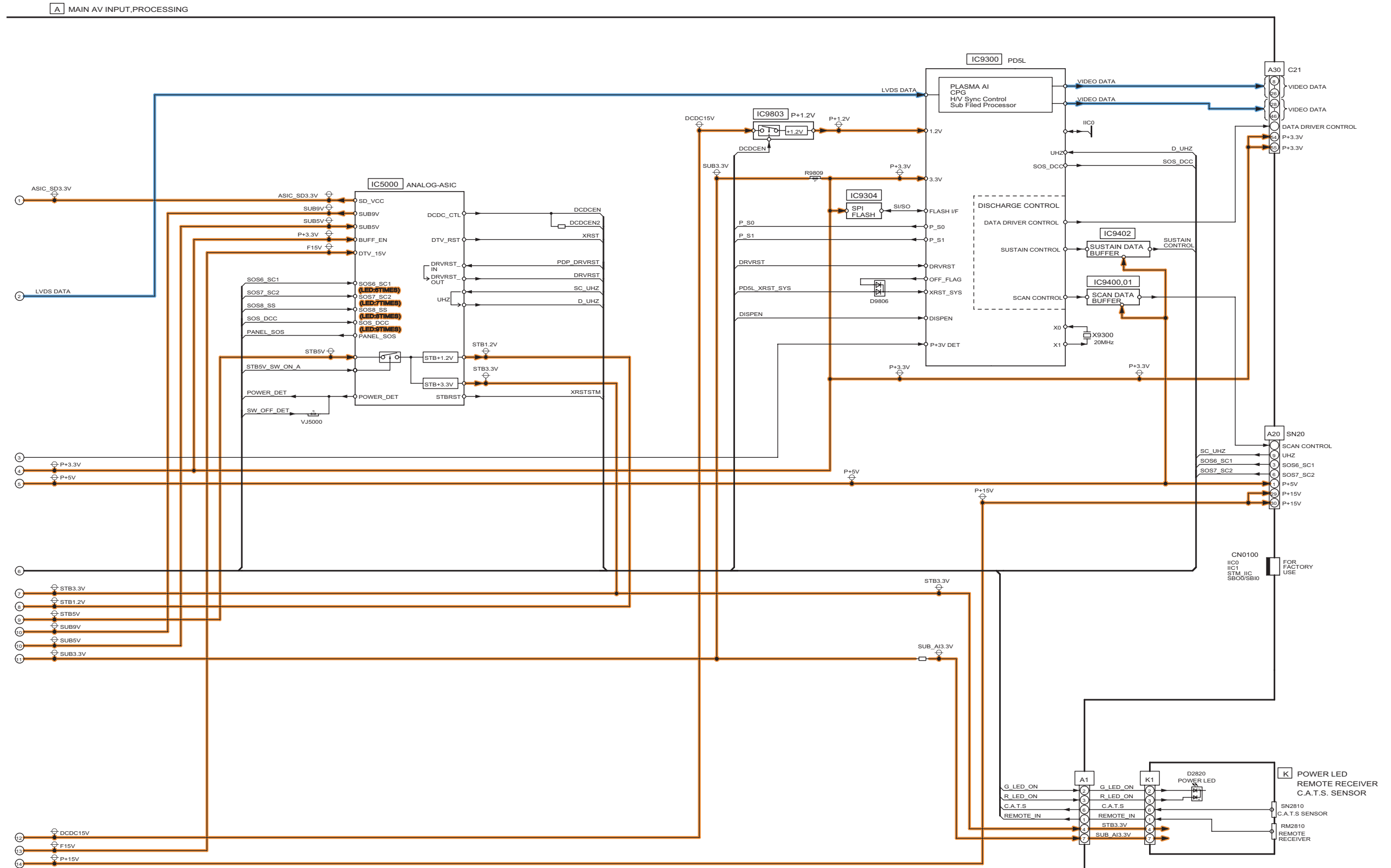
10.1. Main Block Diagram



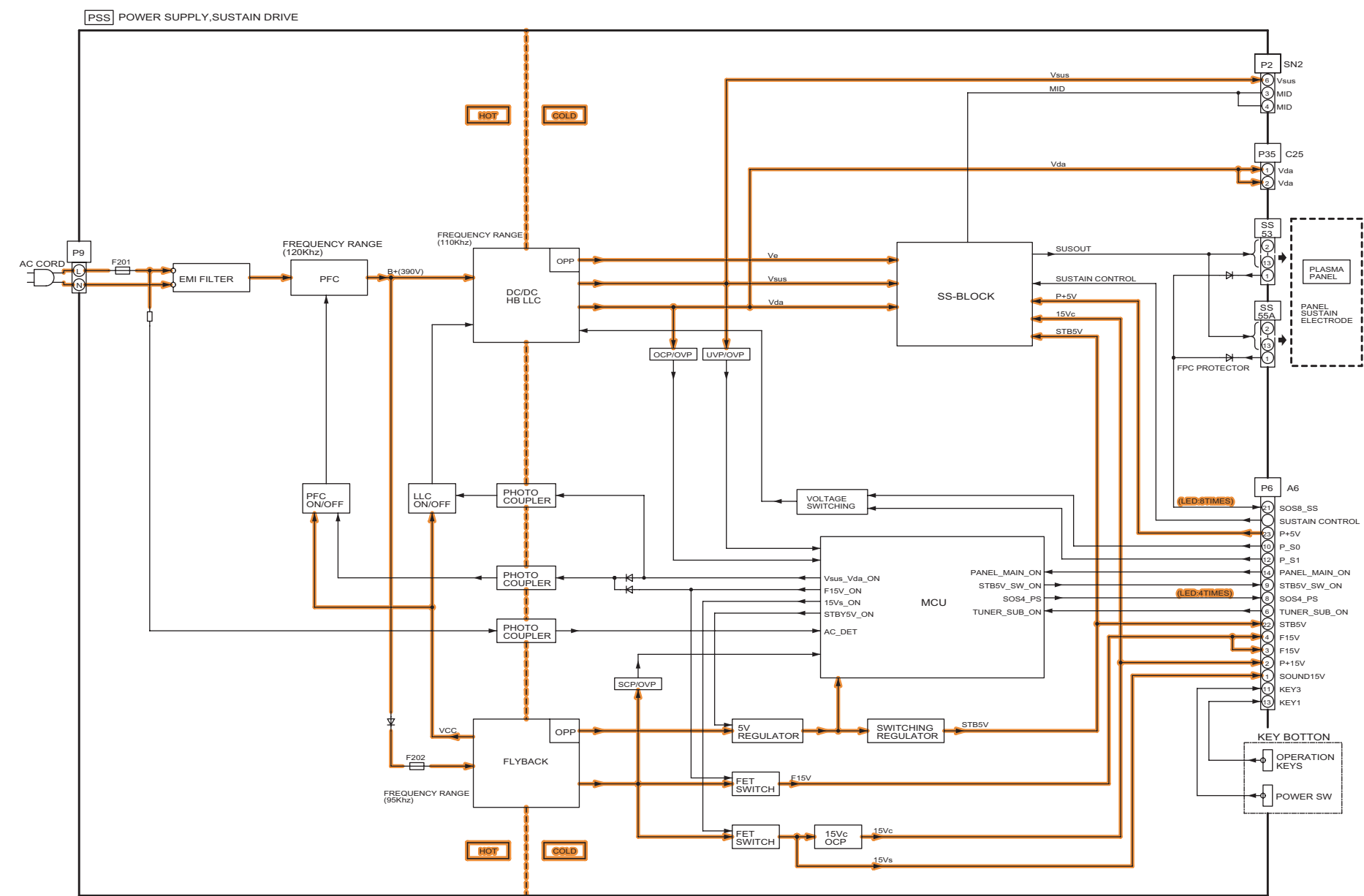
10.2. Block (1/4) Diagram



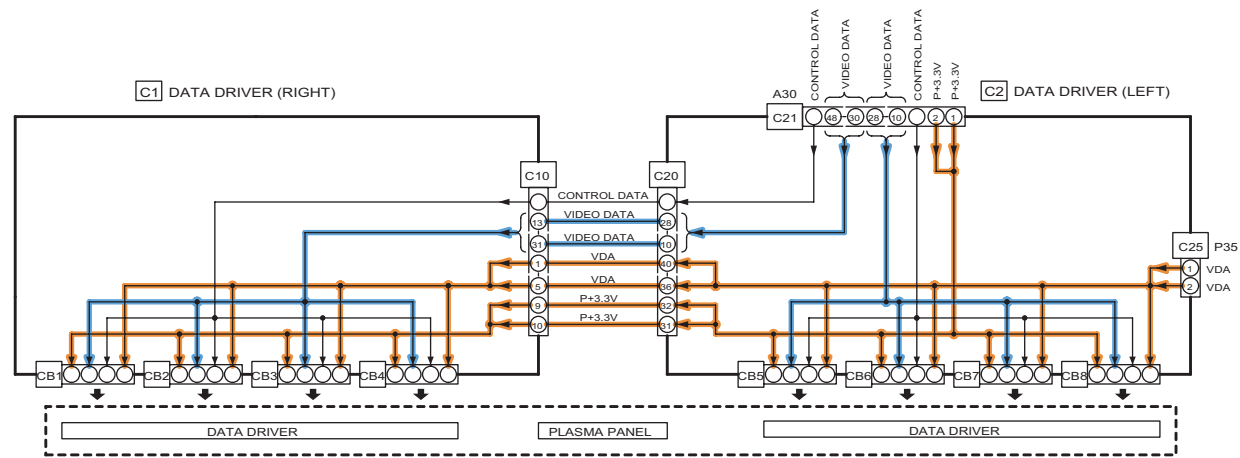
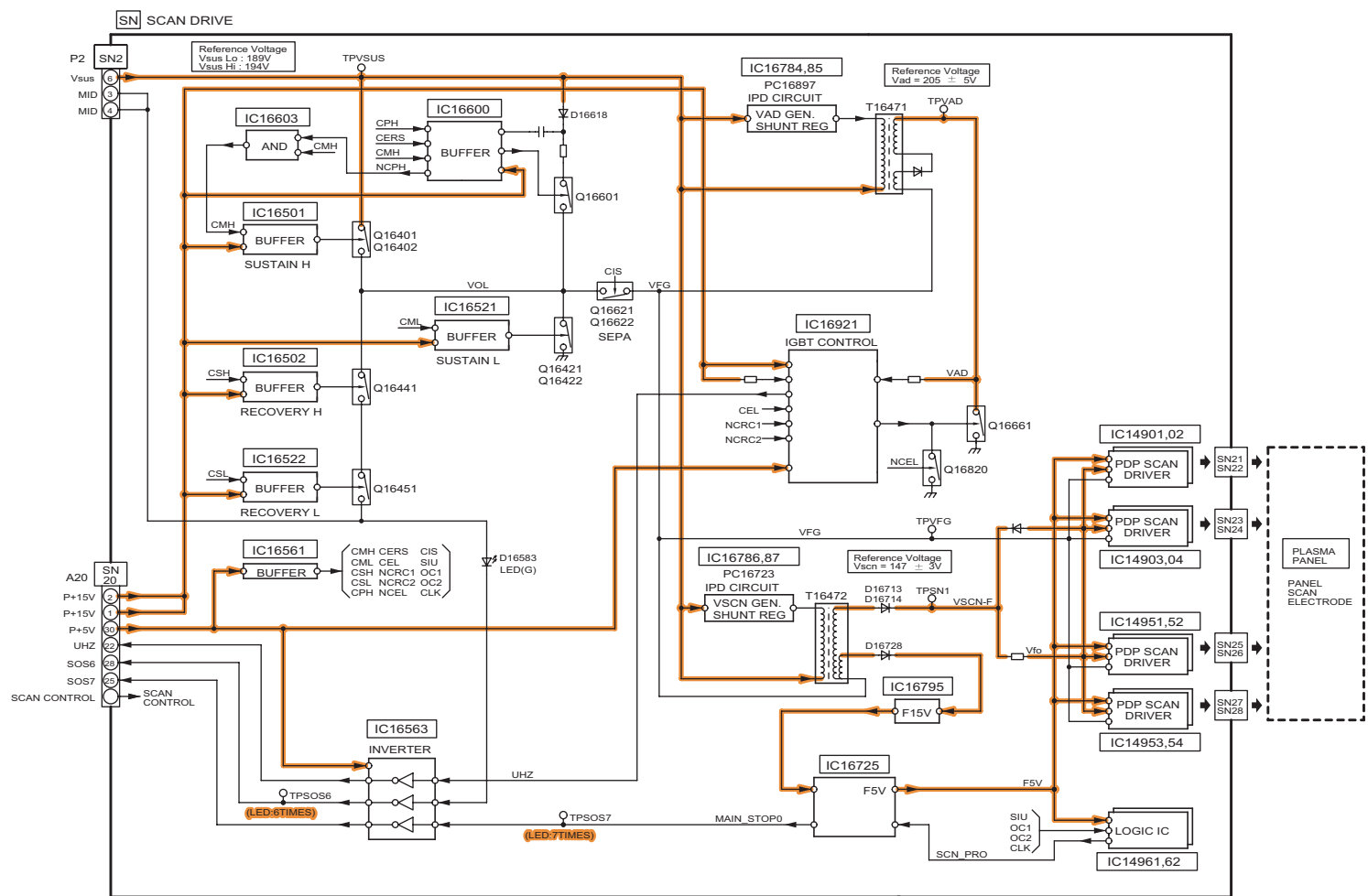
10.3. Block (2/4) Diagram



10.4. Block (3/4) Diagram



10.5. Block (4/4) Diagram



11 Wiring Connection Diagram

11.1. Caution statement.

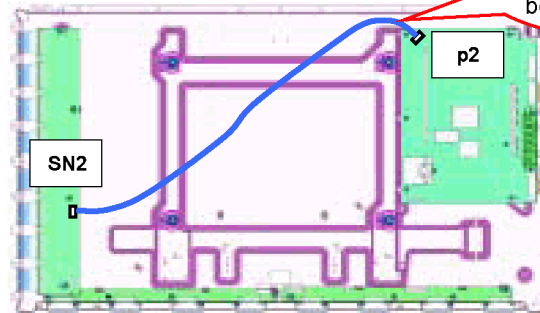
Caution:

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)

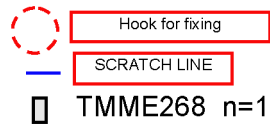
As Drawing Below:

1. Wire Connector :
 - Connector : SN2-P2

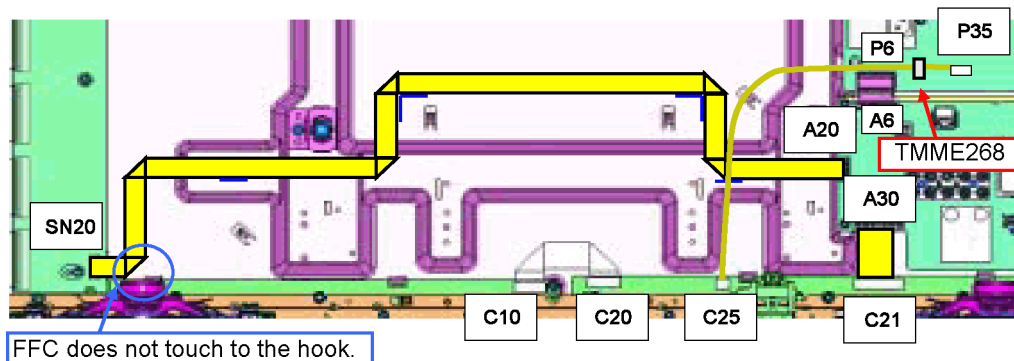


2. Connector Flex :
 - Connector : A20-SN20
 - Connector : A30-C21
 - Connector : C10-C20

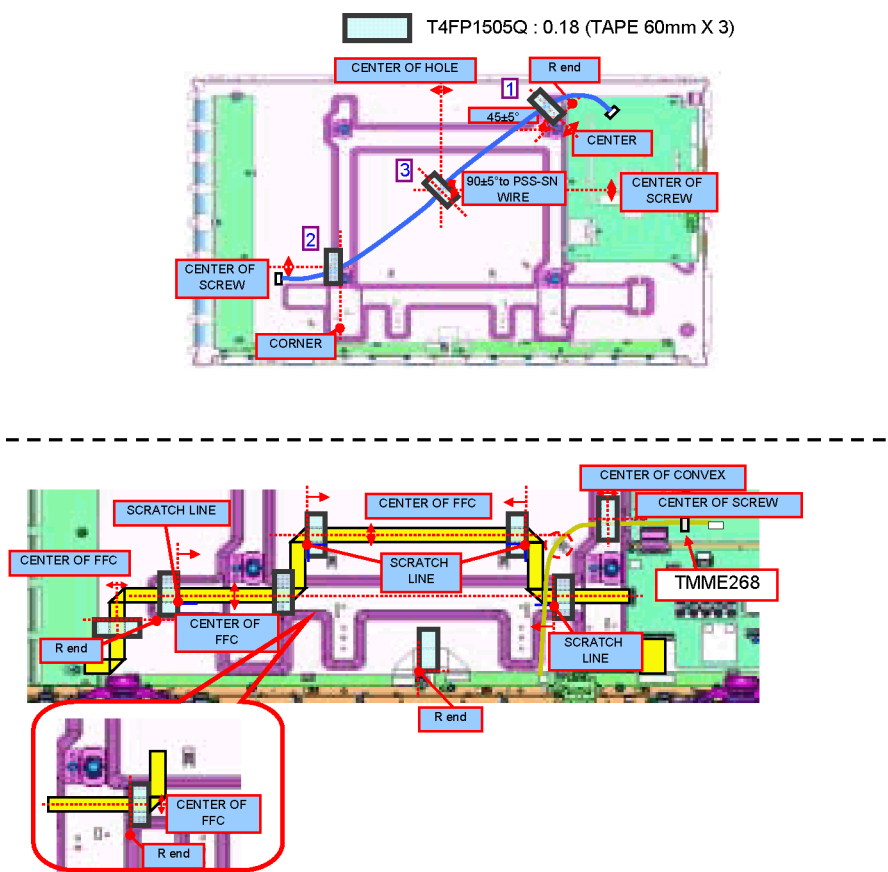
3. Wire Connector :
 - Connector : C25-P35



CONNECTOR No. and NAME	
A20	SN20
A30	C21
A6	P6
P35	C25
C10	C20

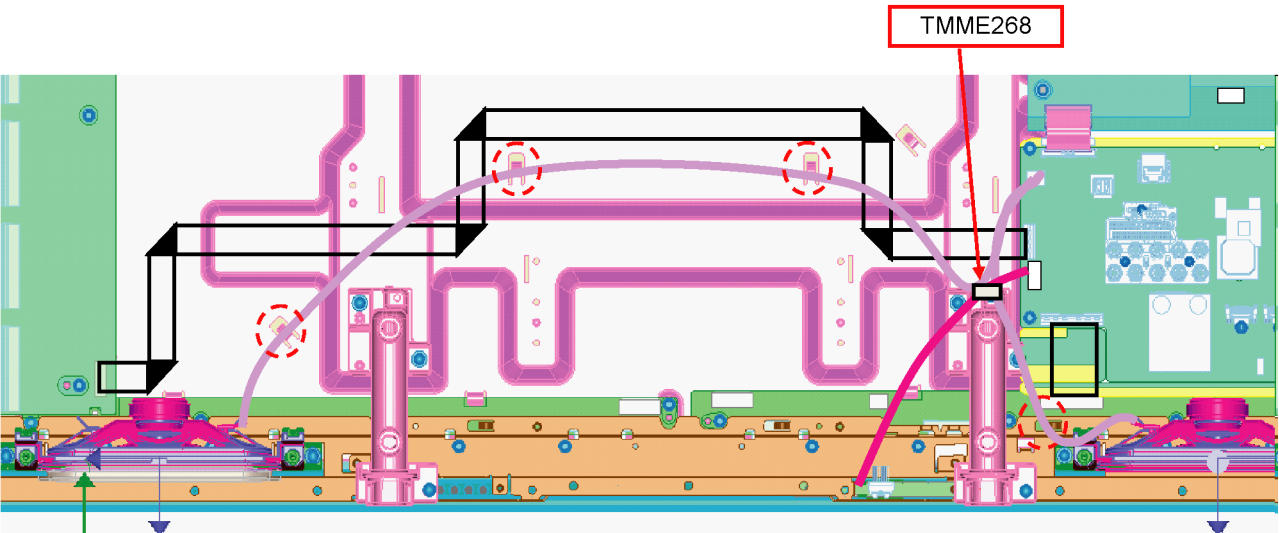


11.3. Wiring (2)



11.4. Wiring (3)

- As drawing below :
- 1.Connector each wire.
 - 2. Insert wire to hook of FE-chassis. Show the below.



Tape Specification/ Sticking Target/Scratch

- TMME268 (1pc)
- Hook for fixing
- Paste standard

Notes:

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

Power Source	AC 110-240 V, 50/60Hz (P)
	AC 220-240 V, 50/60Hz (Except P)
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: 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 following 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.

Model No. : TH-P42X50D/K/M/P/S/Z Replacement Parts List Note

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

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

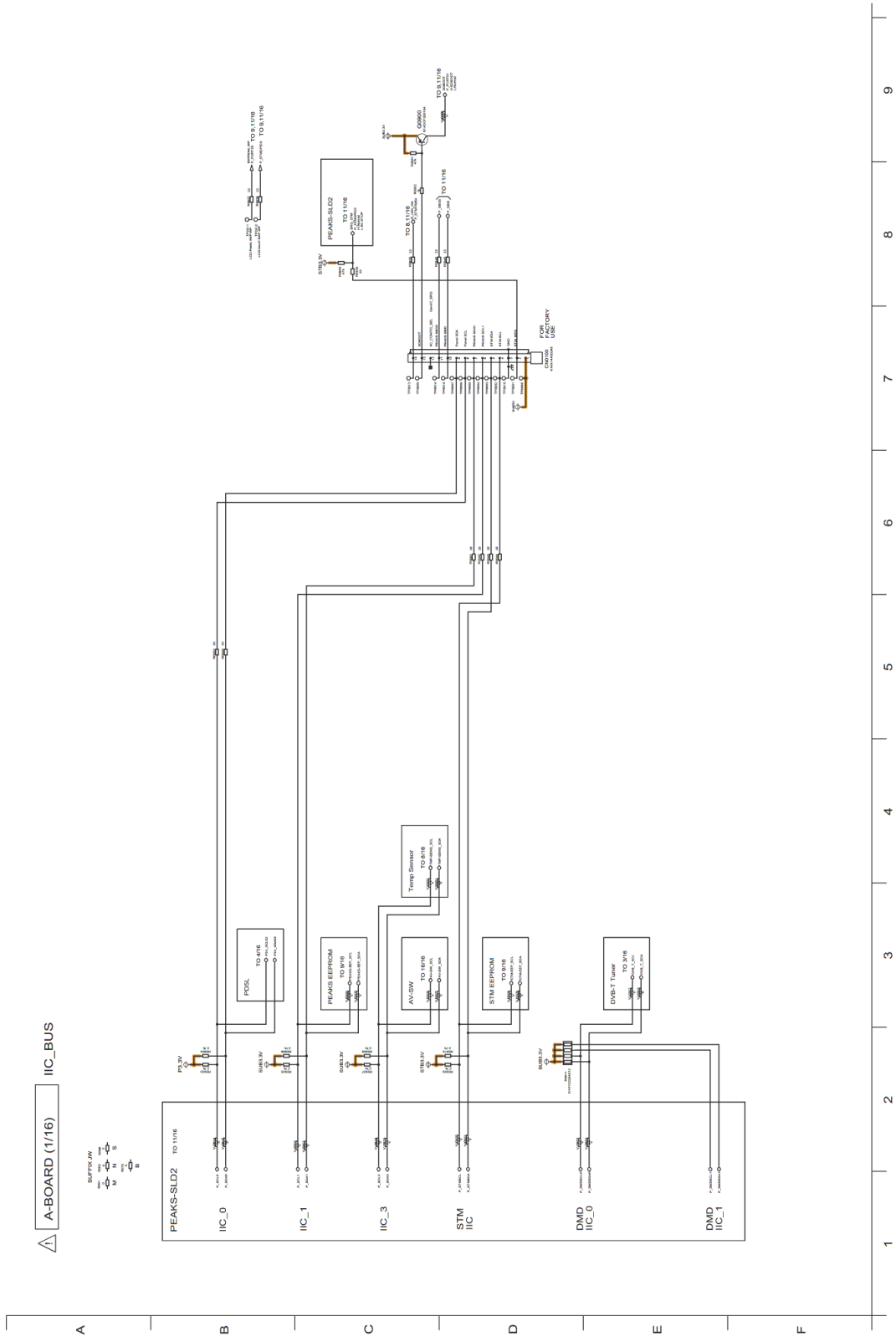
2. Capacitor

Example:

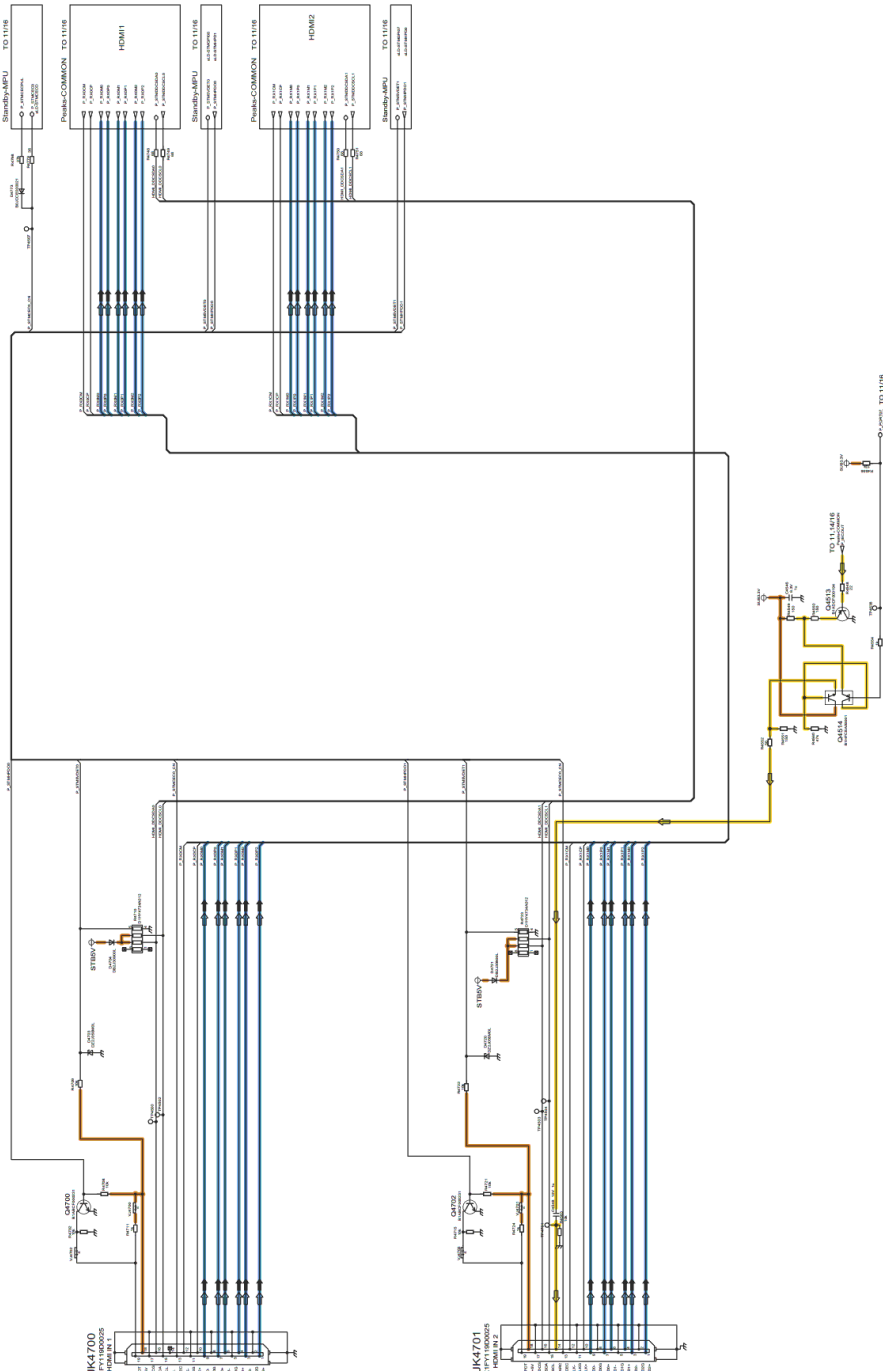
ECKF1H103ZF C 0.01UF, Z, 50V
 Type Allowance

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

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

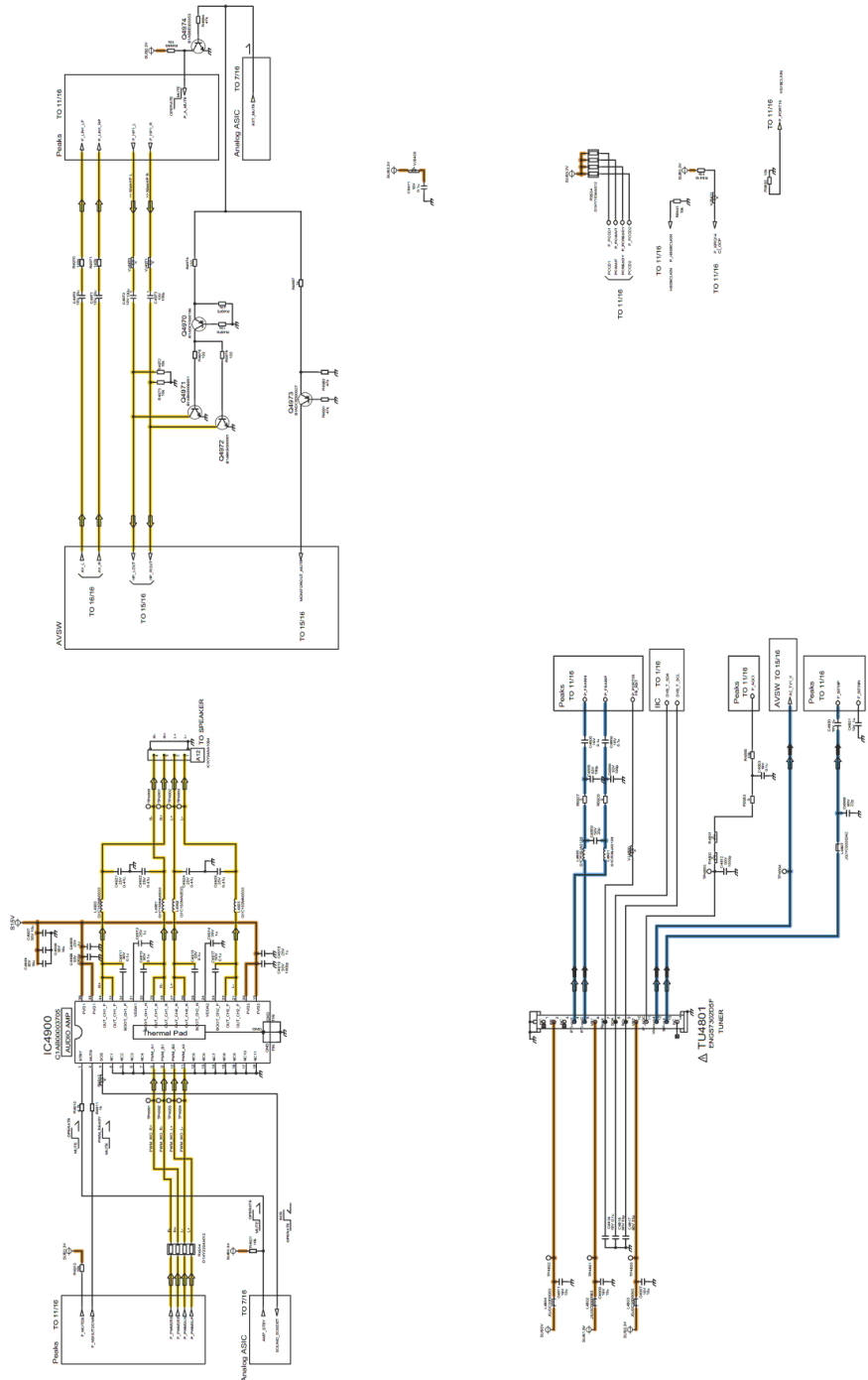


A-BOARD (2/16) HDMI

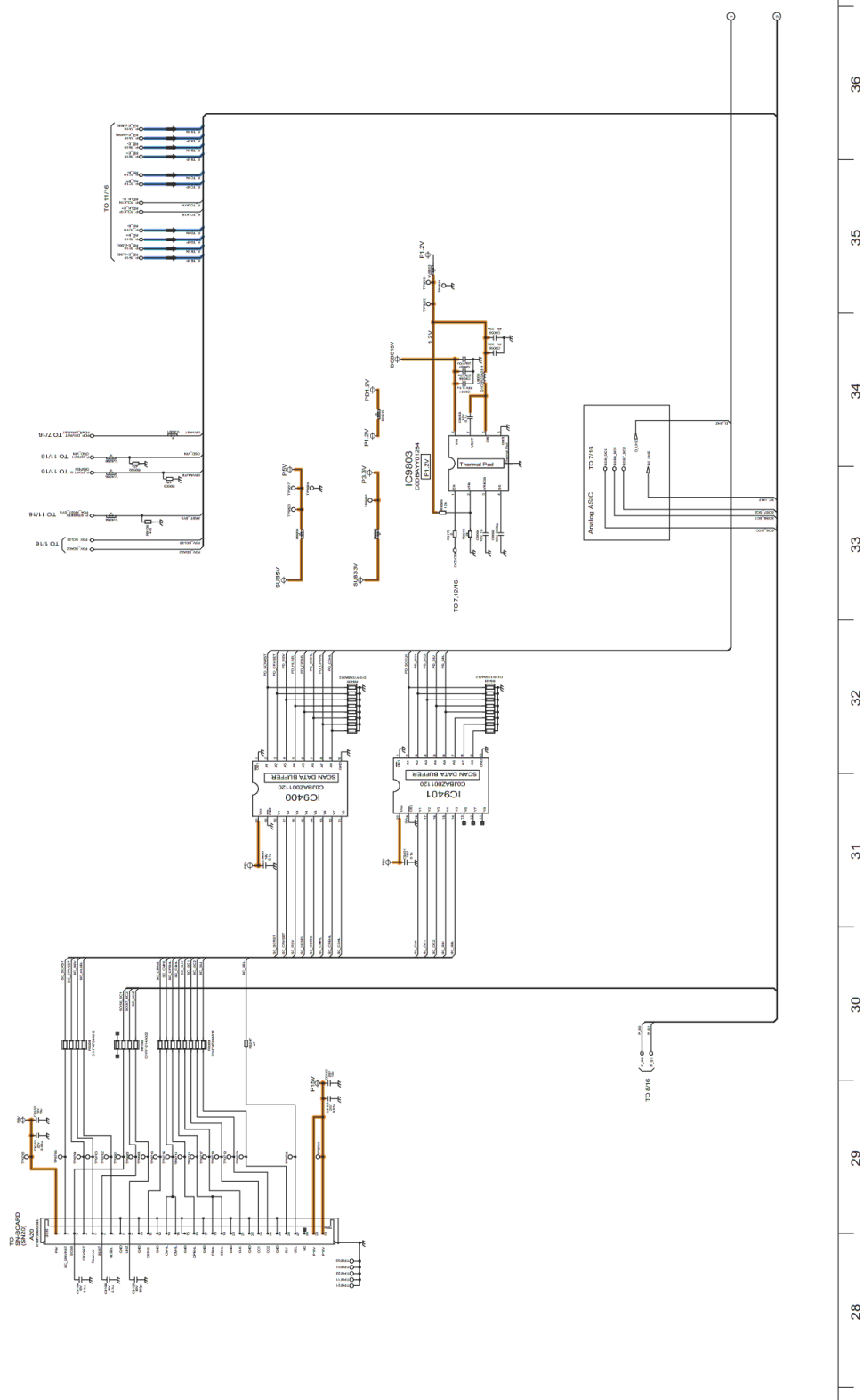


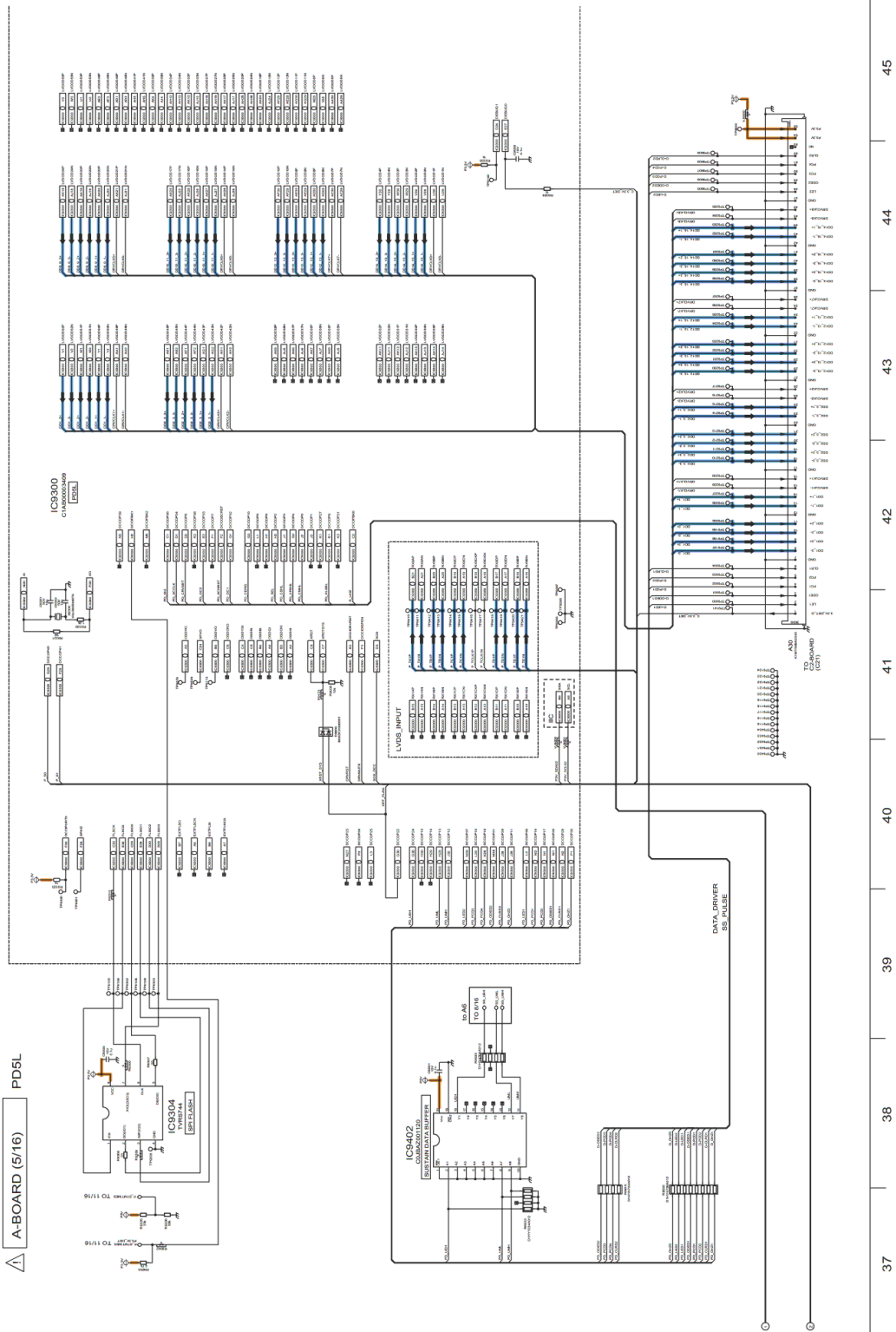
10 11 12 13 14 15 16 17 18

A-BOARD (3/16) AUDIO AMP



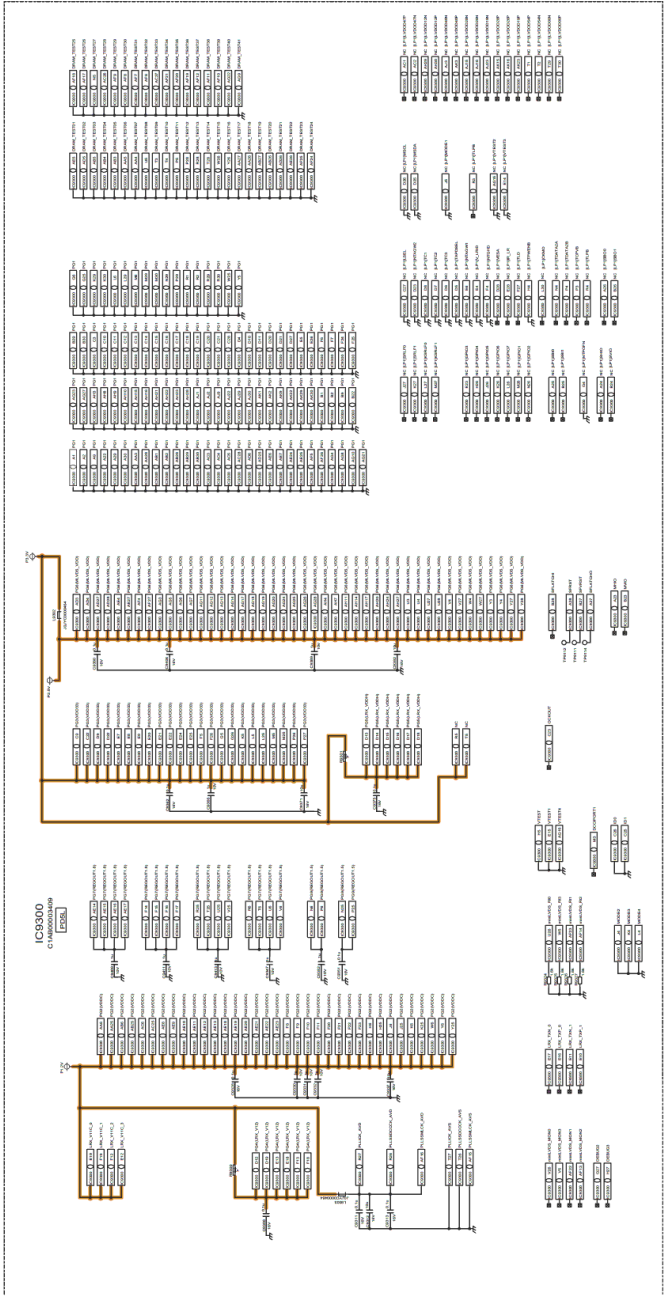
⚠ A-BOARD (4/16) PD5L





A-BOARD (6/16)

PD5L



54

53

52

51

50

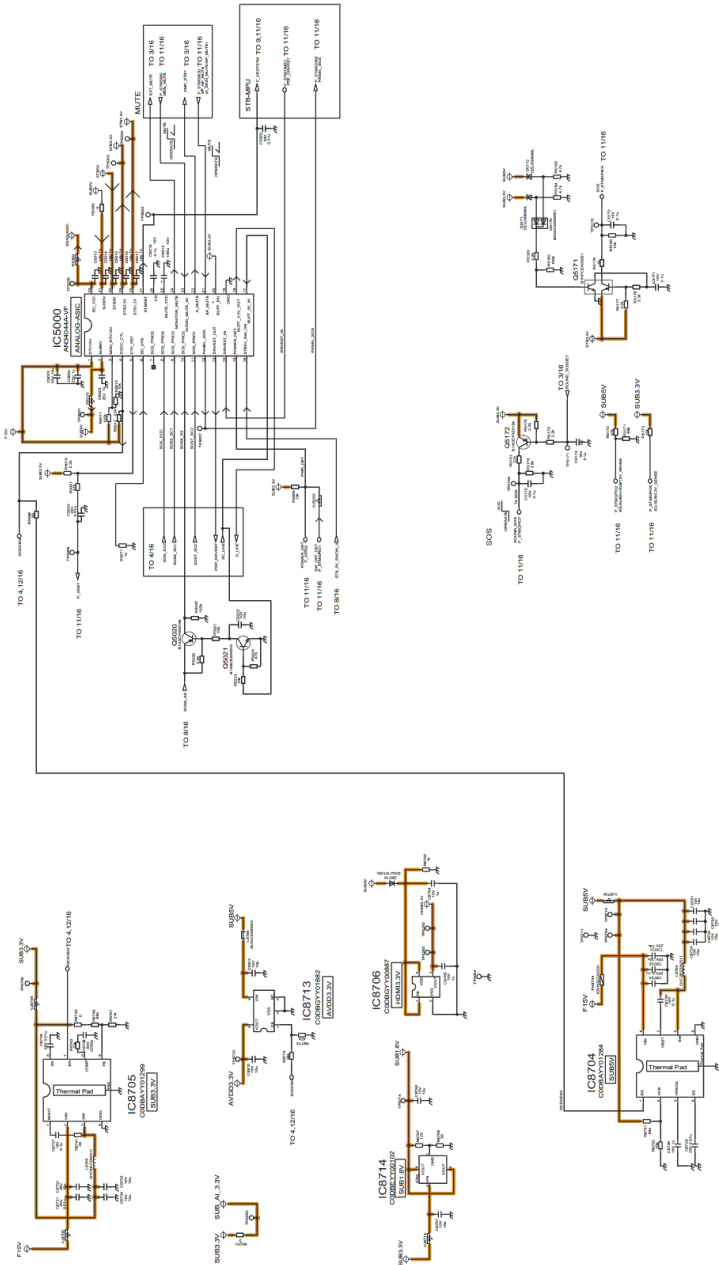
49

48

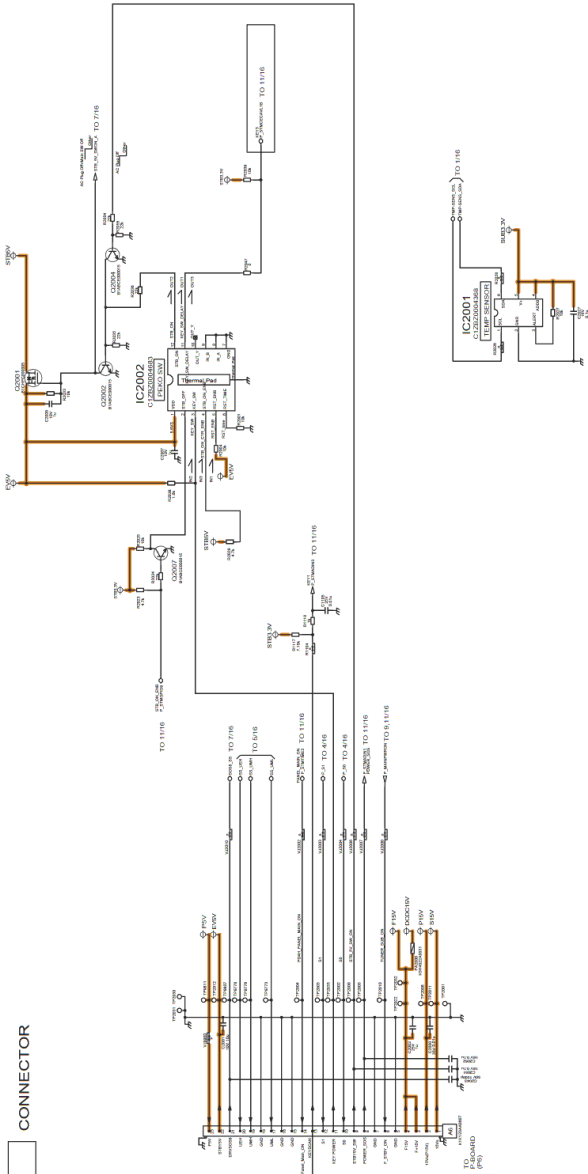
47

46

A-BOARD (7/16) POWER

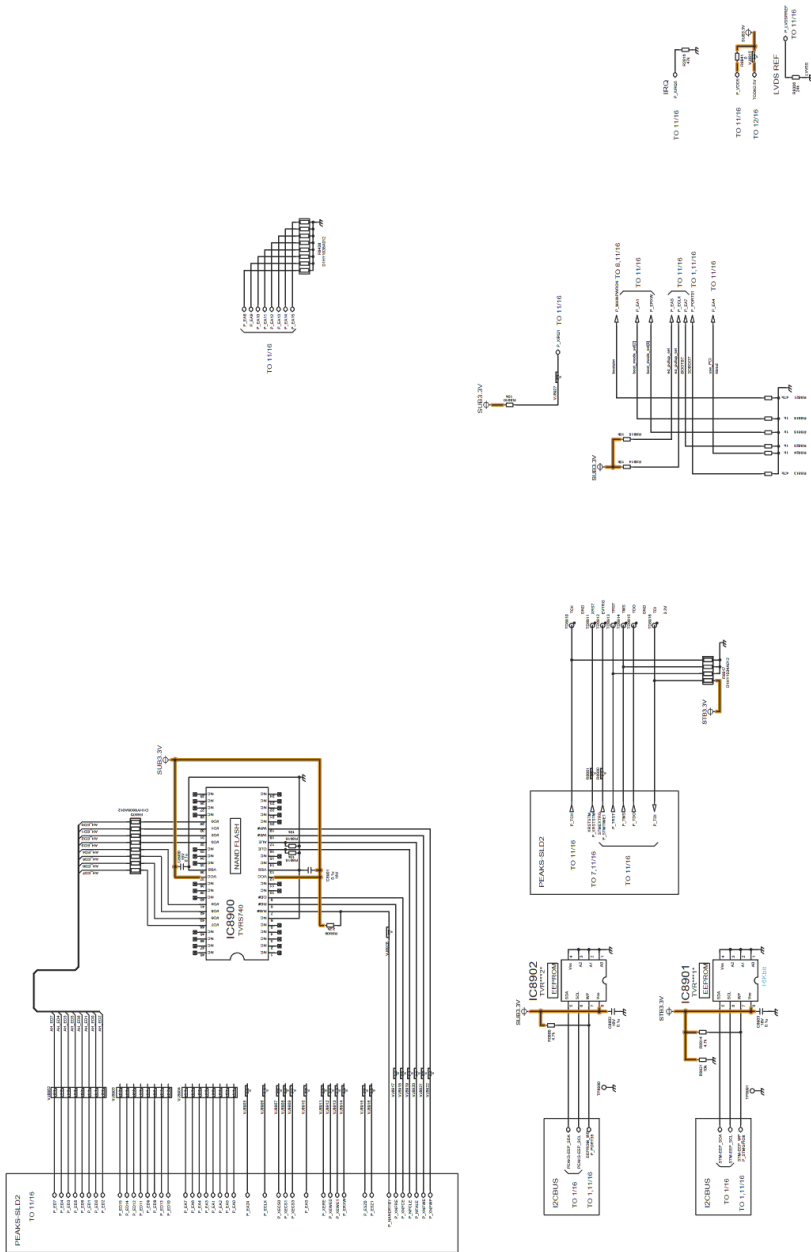


△ A-BOARD (8/16) CONNECTOR



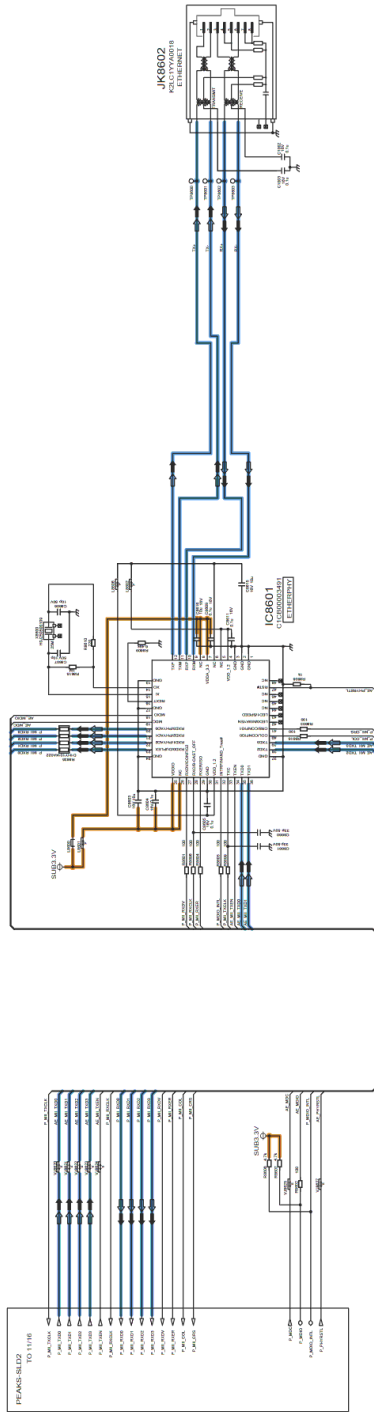
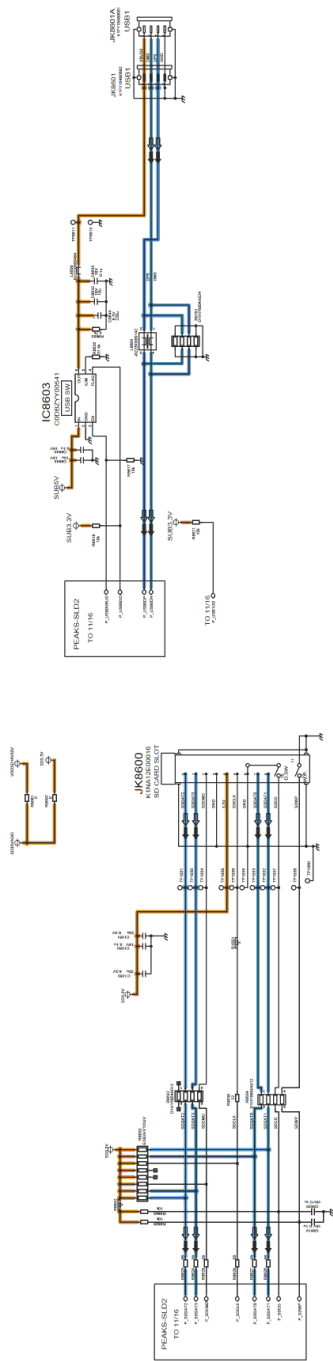
64 65 66 67 68 69 70 71 72

A-BOARD (9/16) NAND FLASH,EEPROM

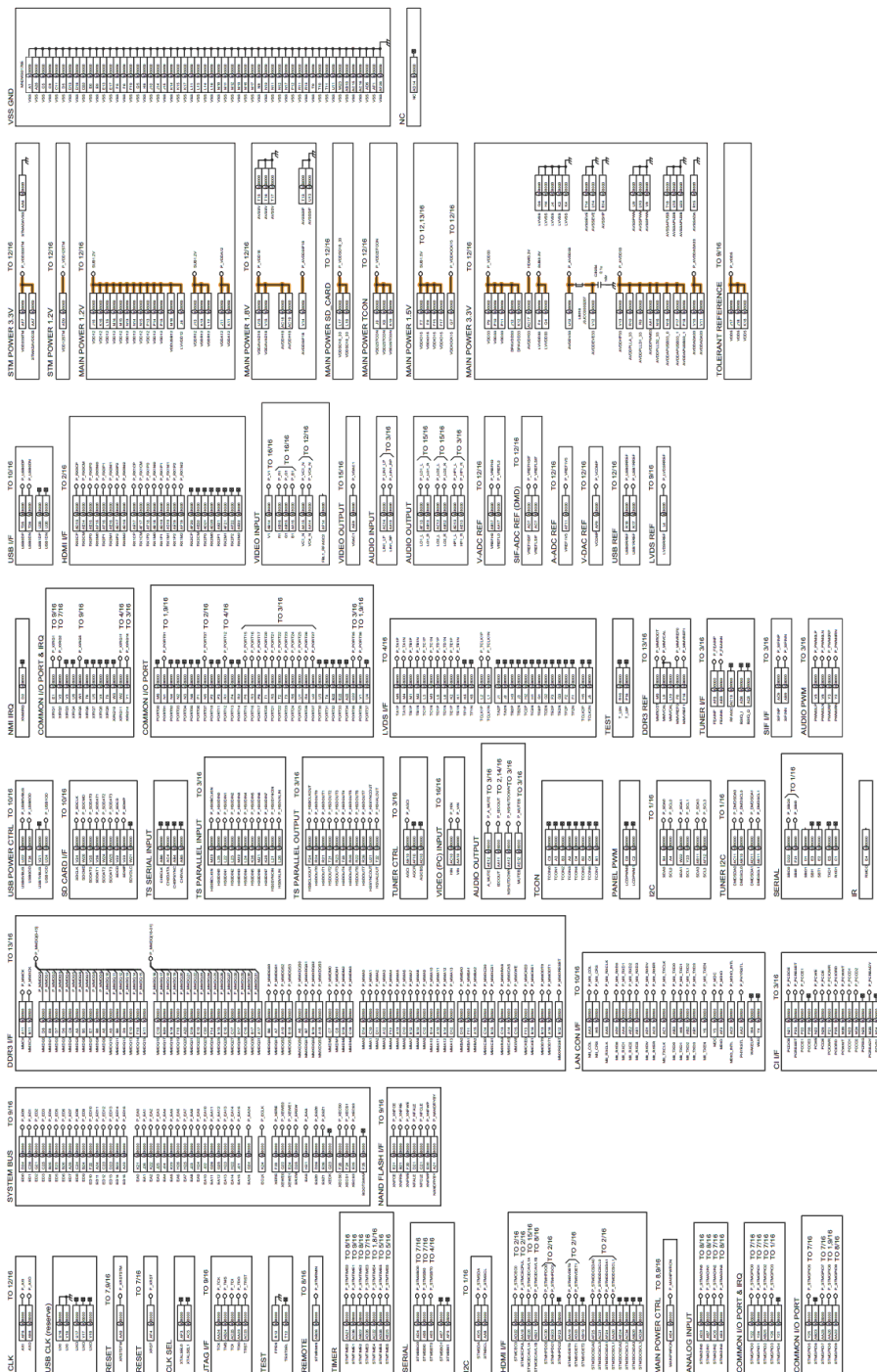
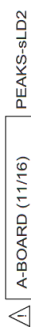


73 74 75 76 77 78 79 80 81

A-BOARD (10/16) SD SLOT,ETHERPHY,USB



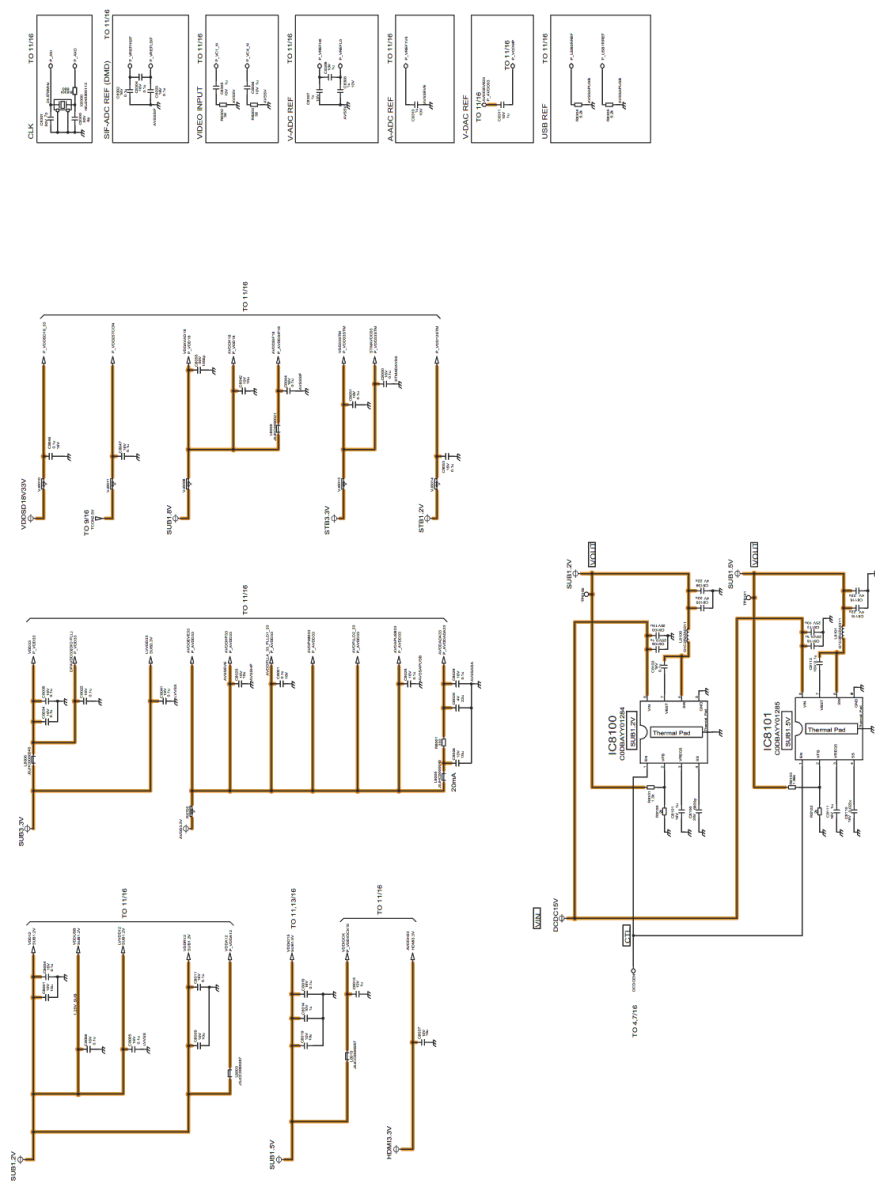
82 83 84 85 86 87 88 89 90

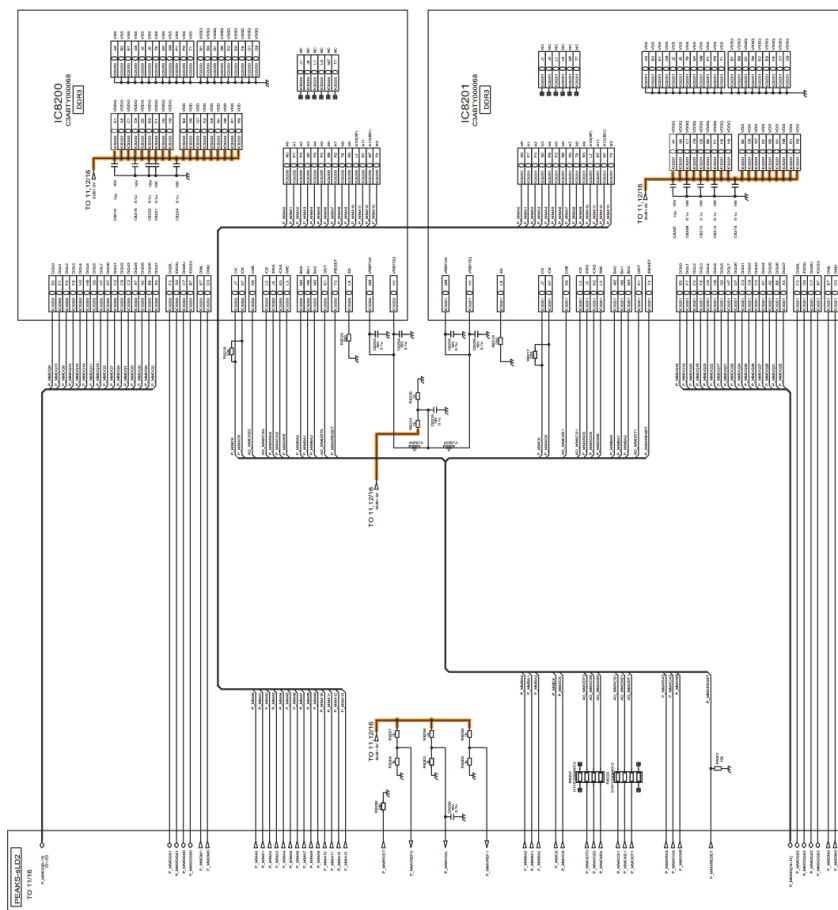


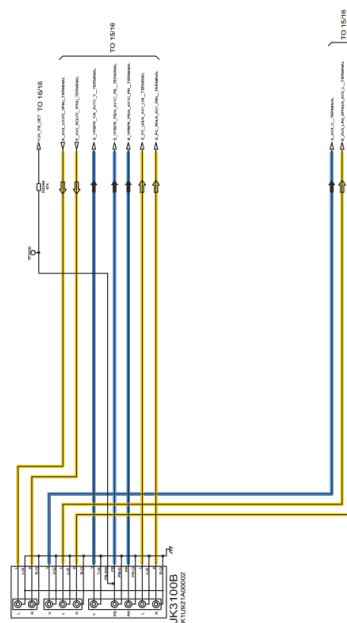
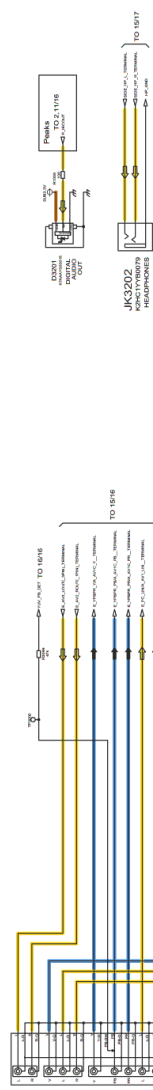
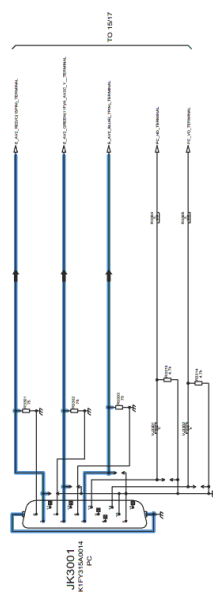
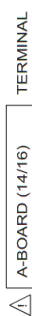
⚠

A-BOARD (12/16)

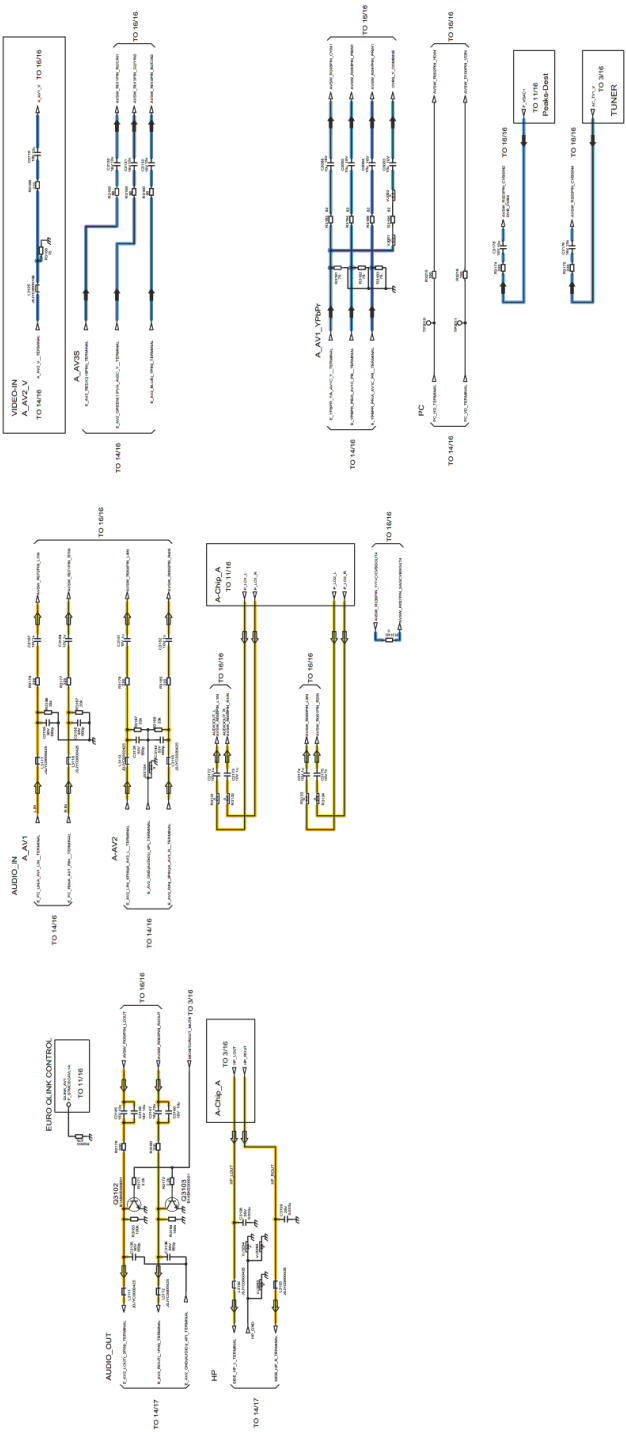
PEAKS POWER



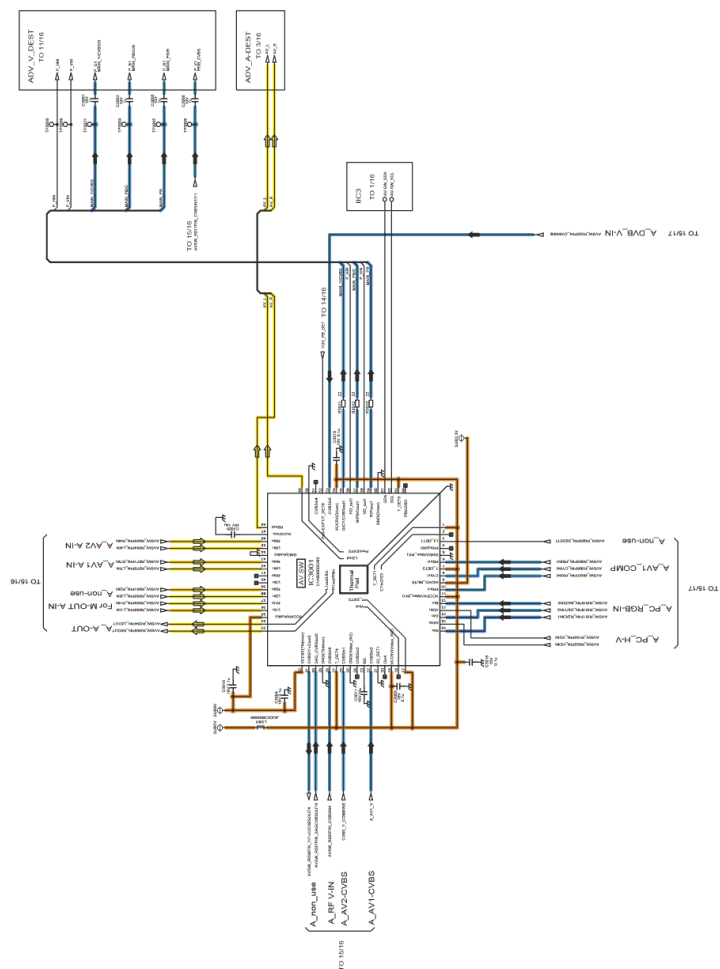


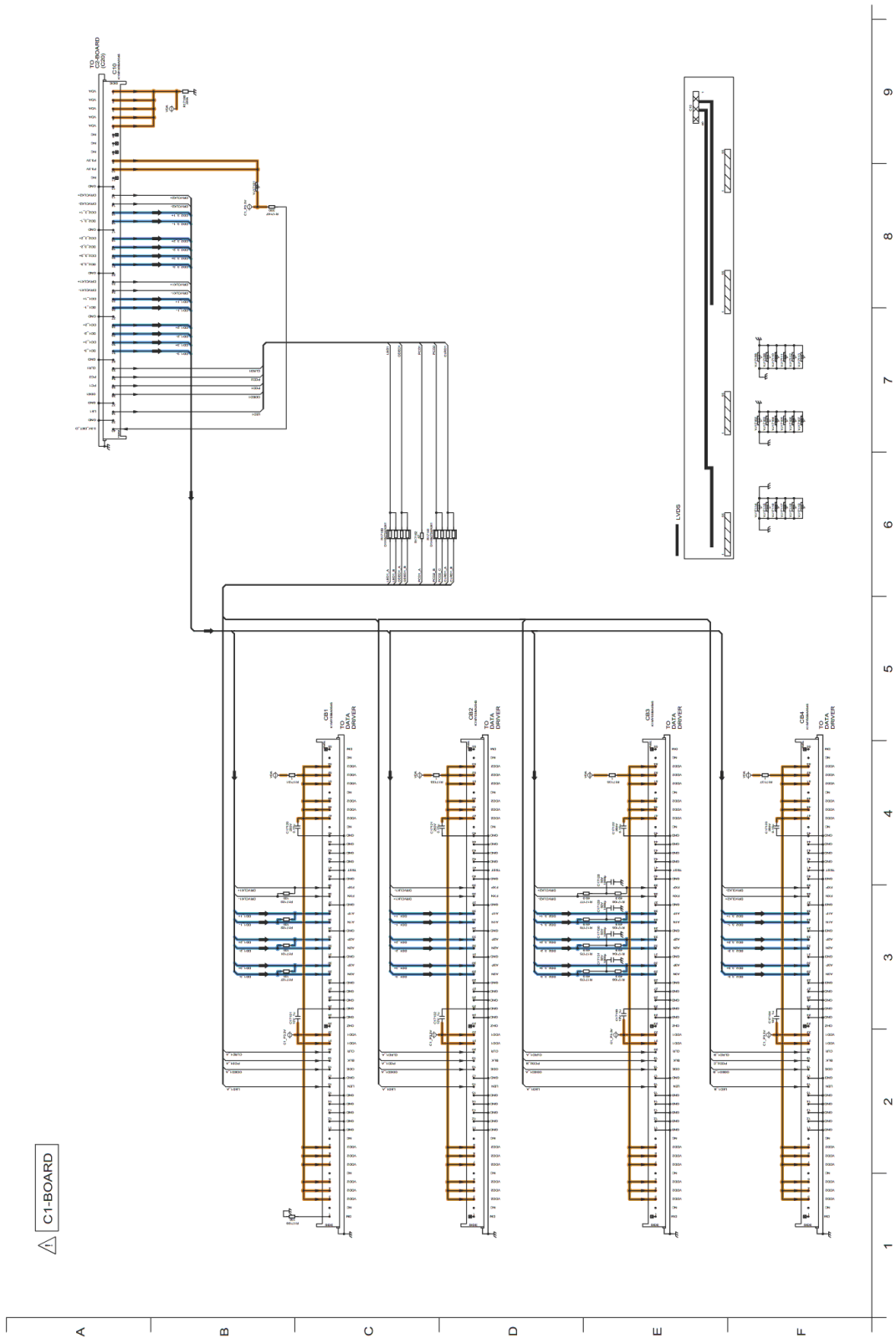


A-BOARD (15/16) CONNECTION

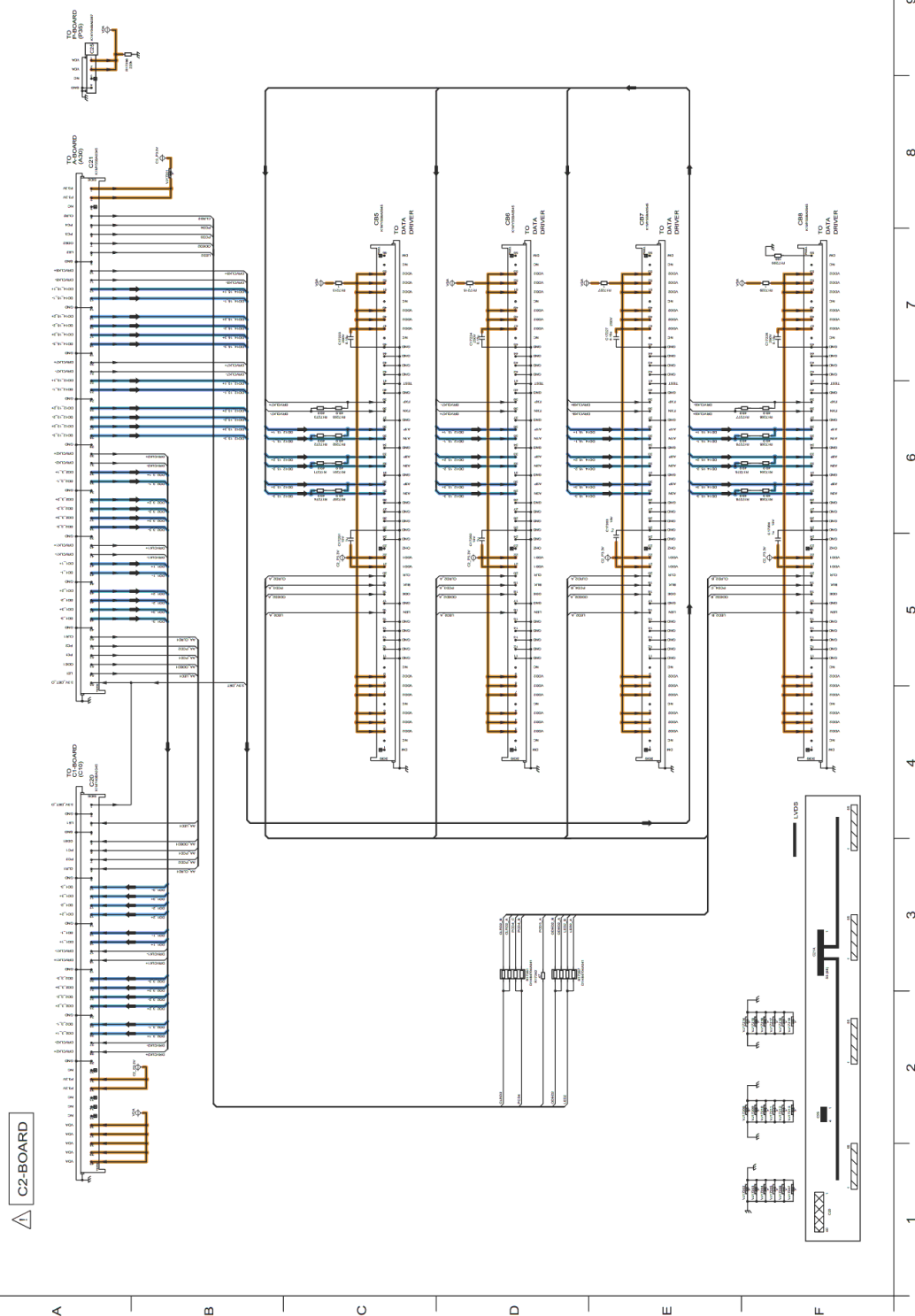


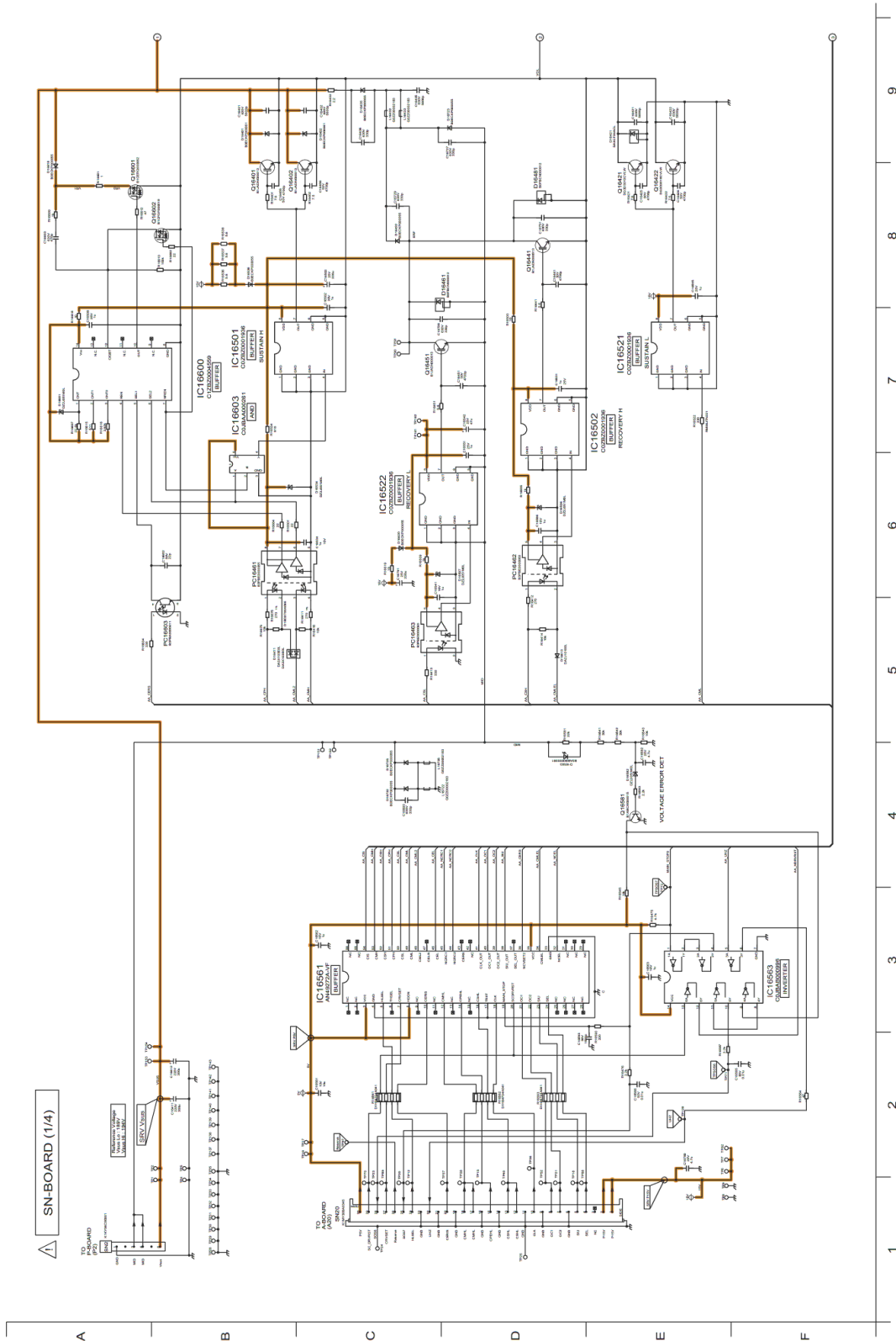
127 128 129 130 131 132 133 134 135

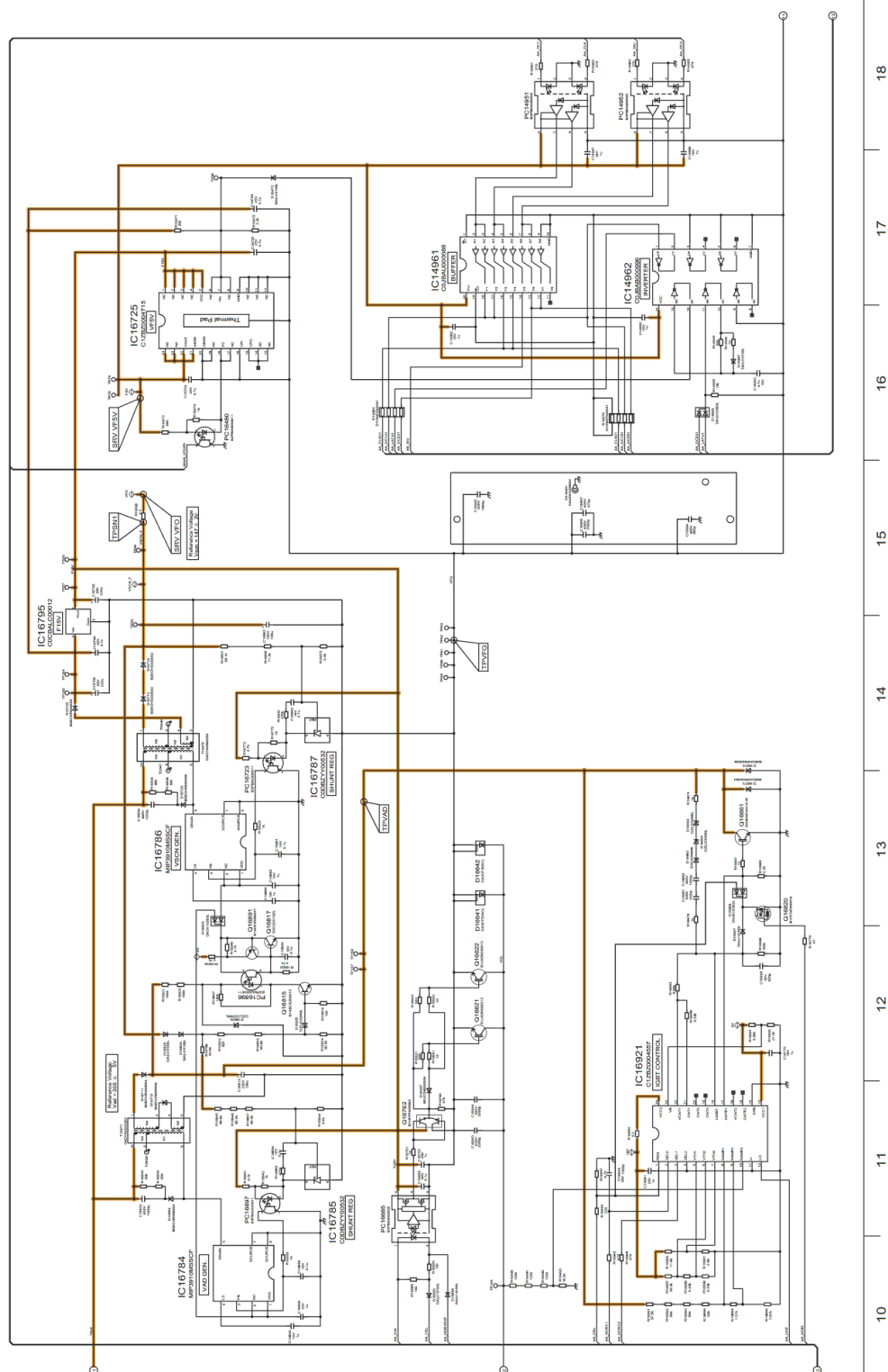


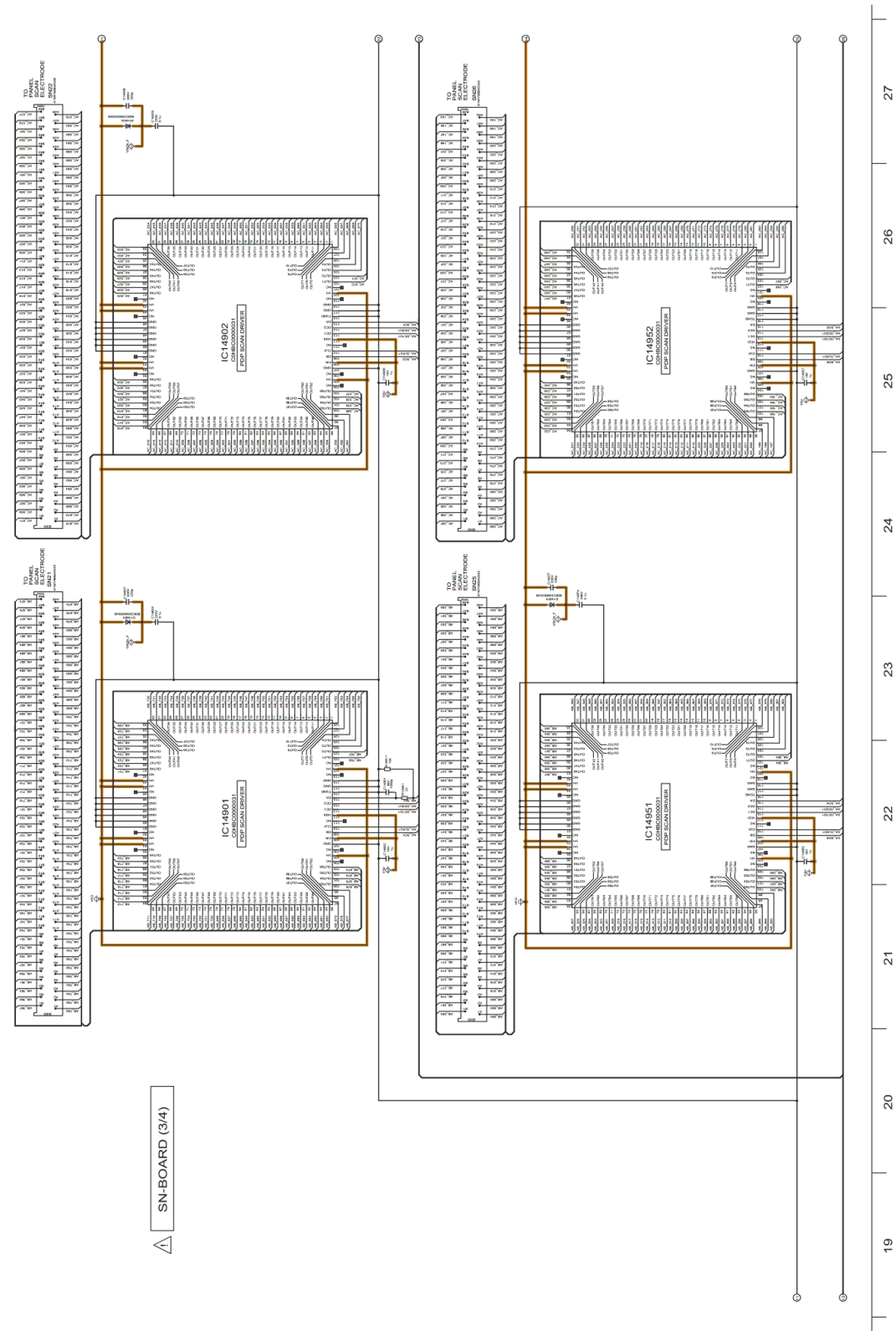


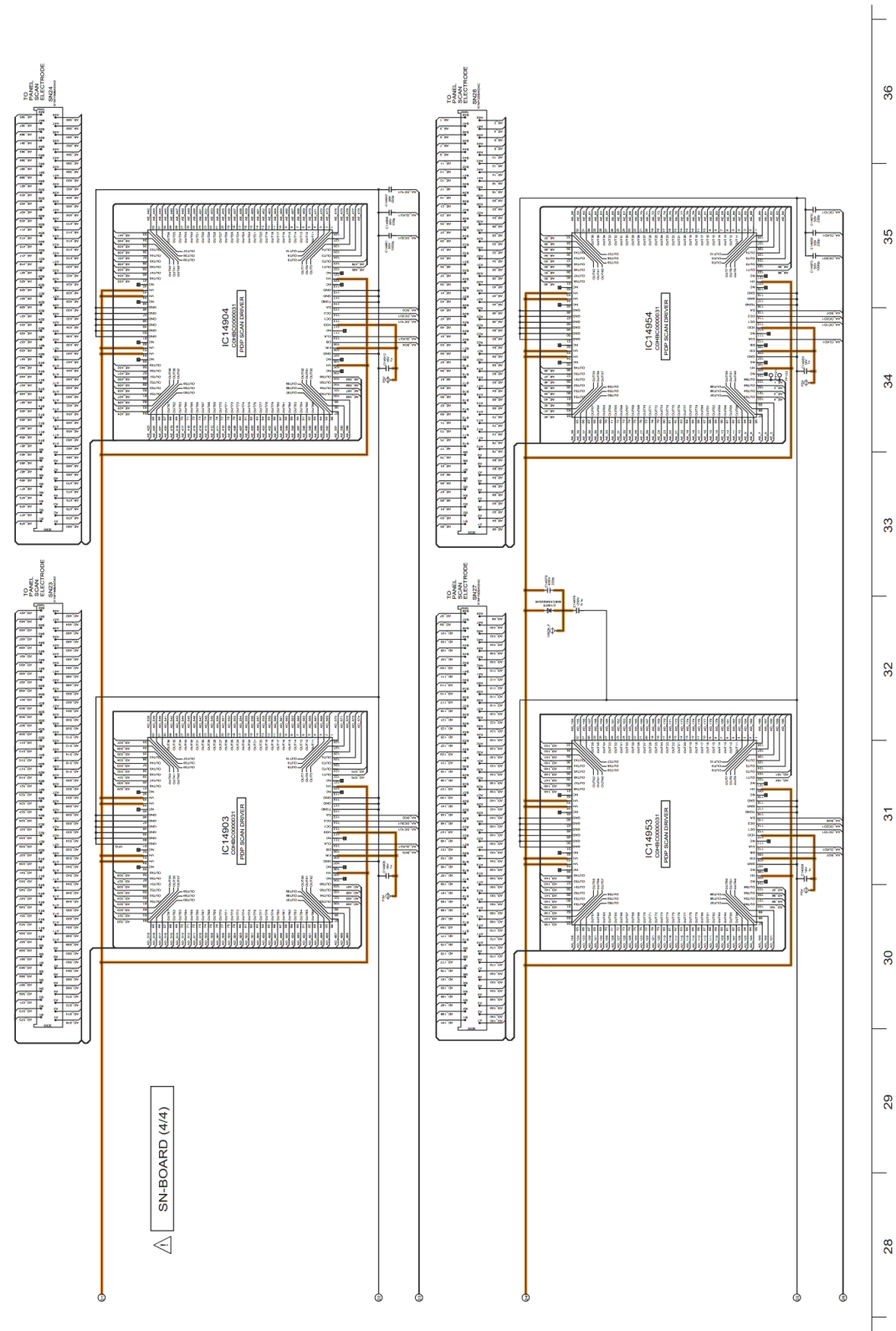
Model No. : TH-P42X50D/K/M/P/S/Z C2-Board

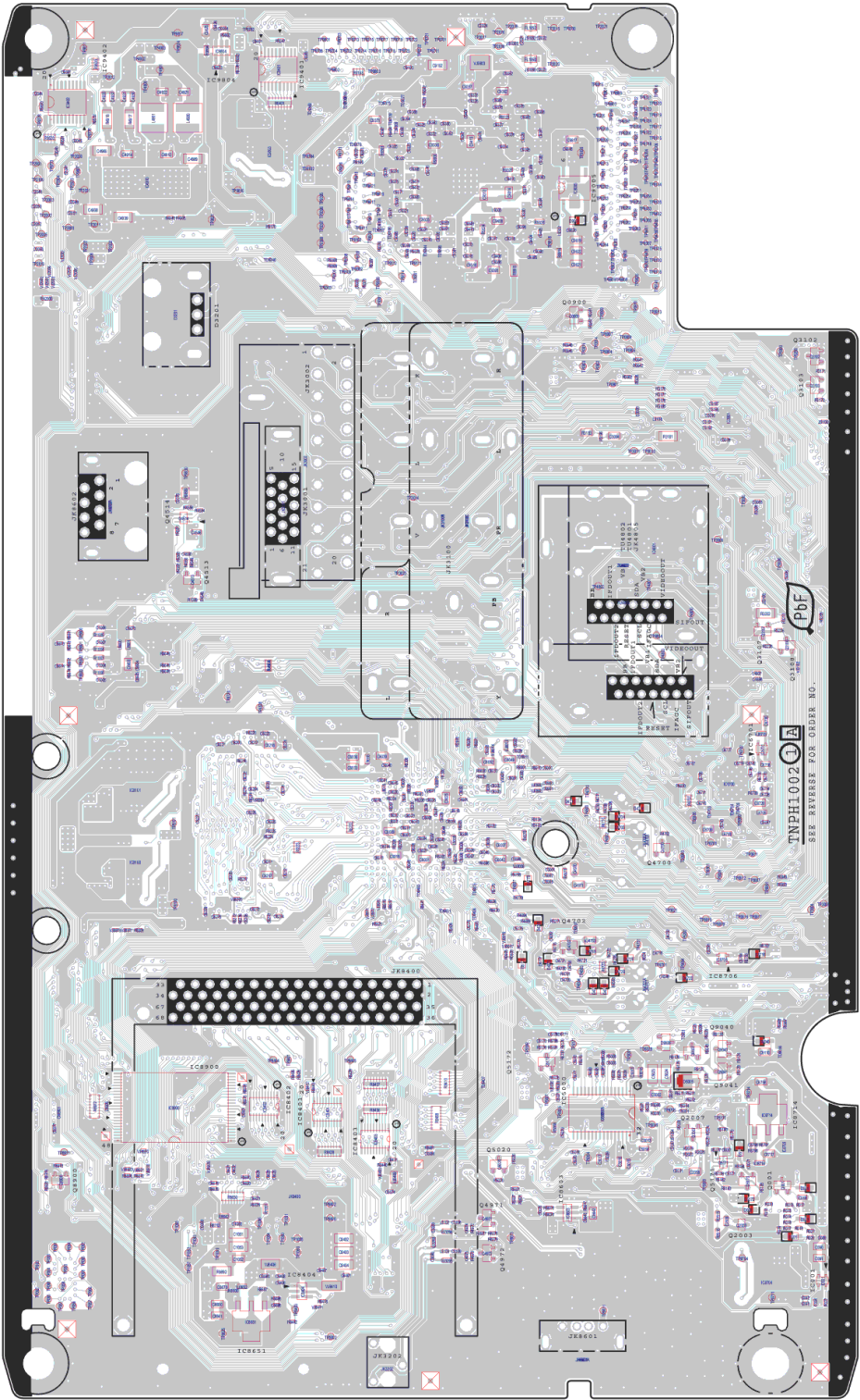


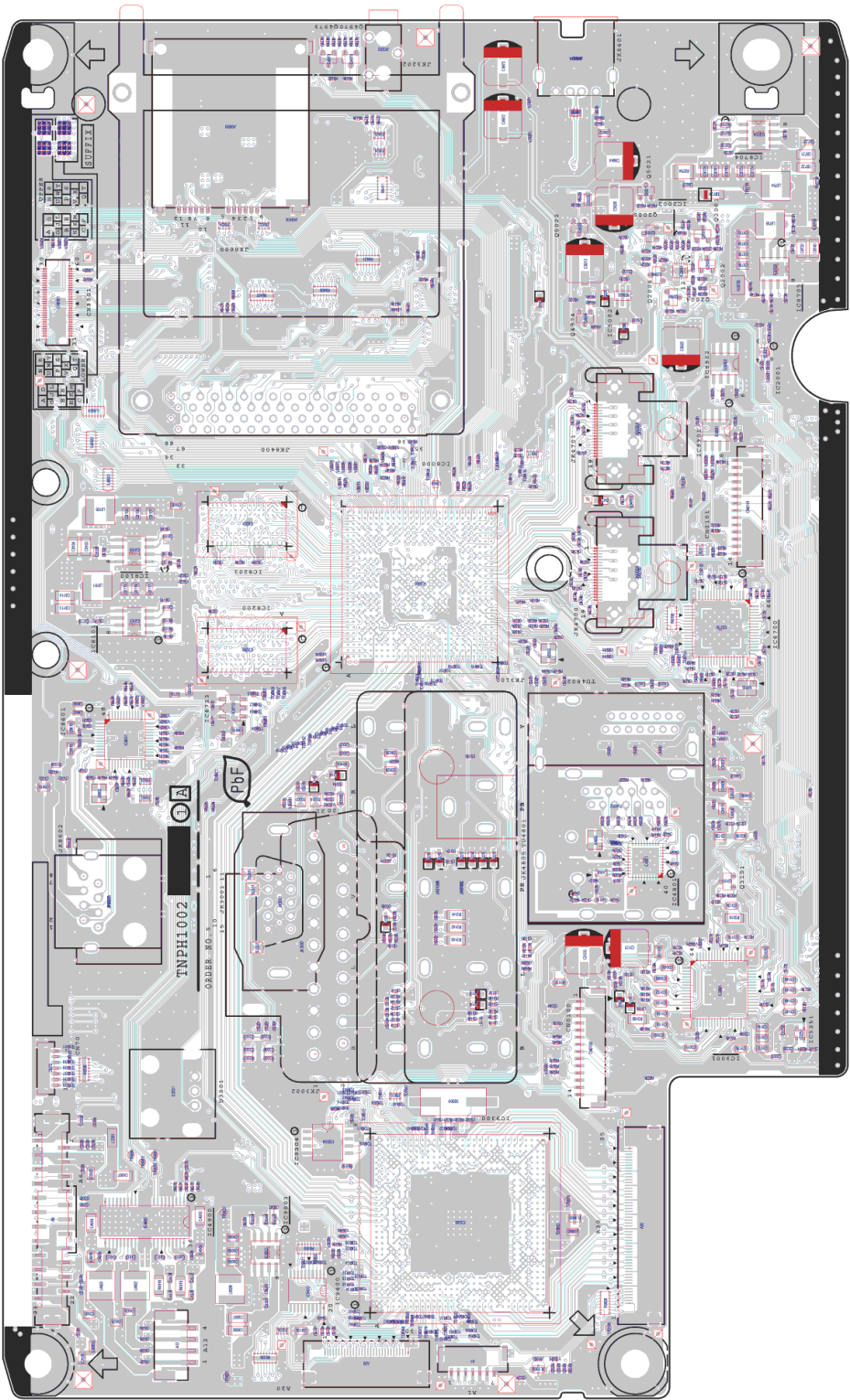


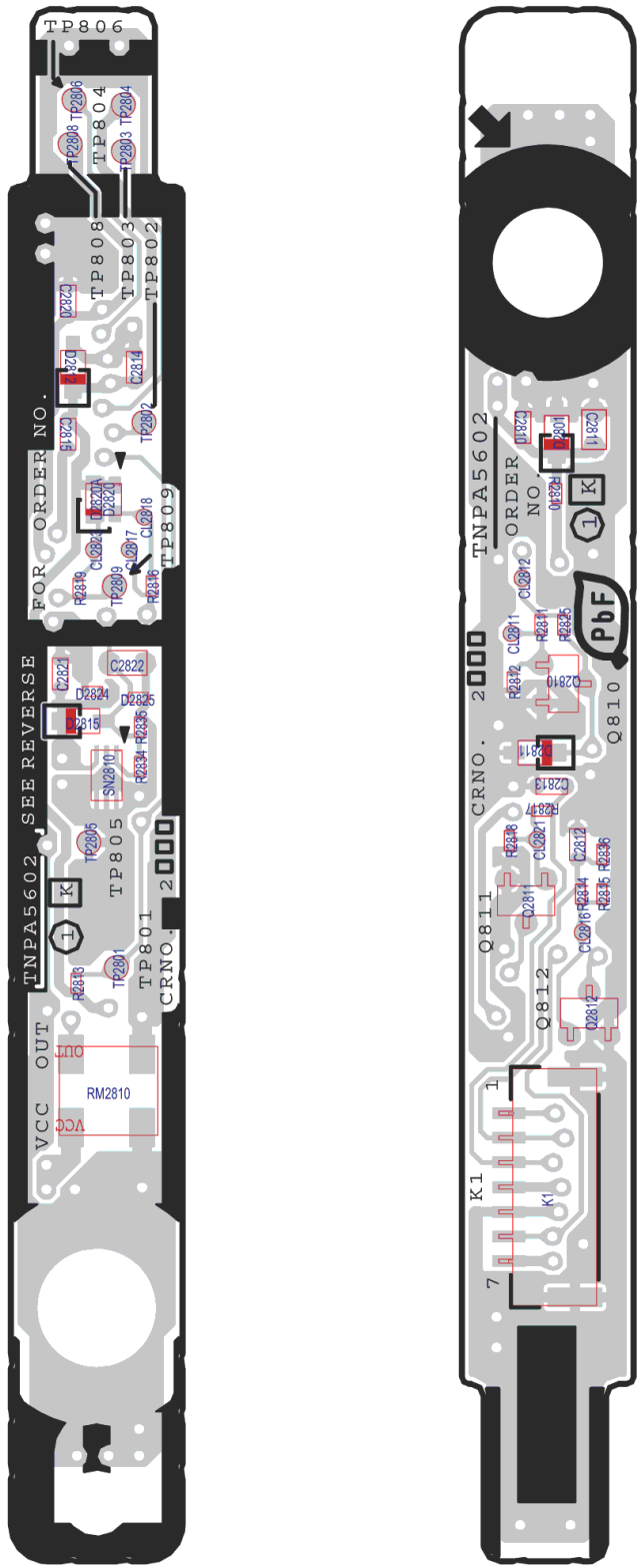


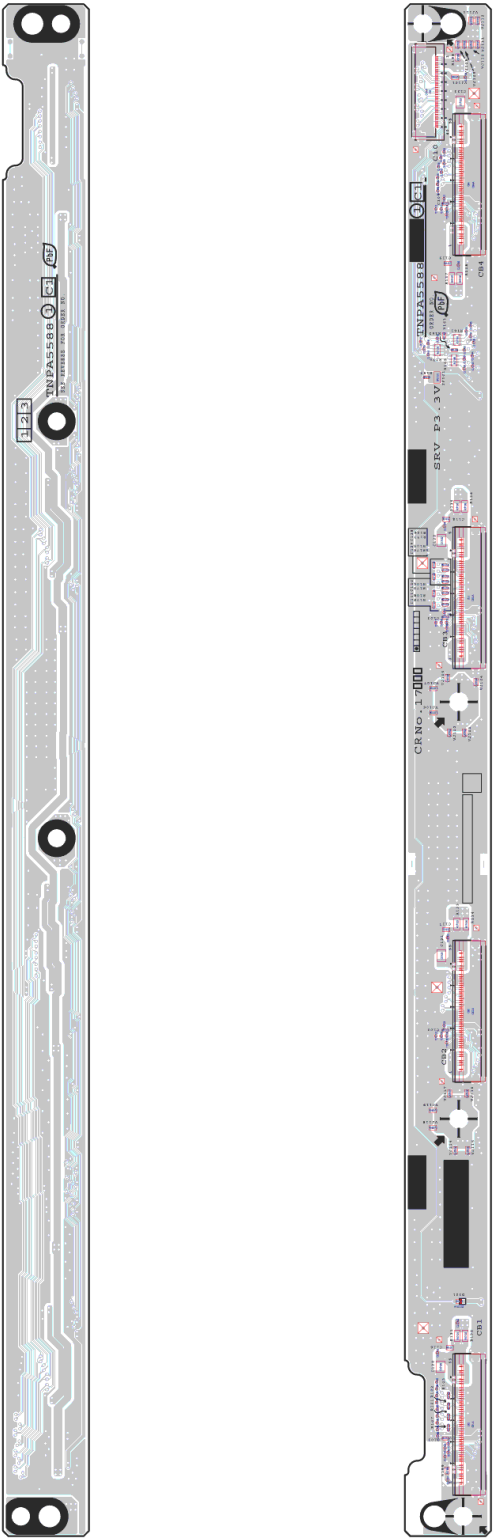


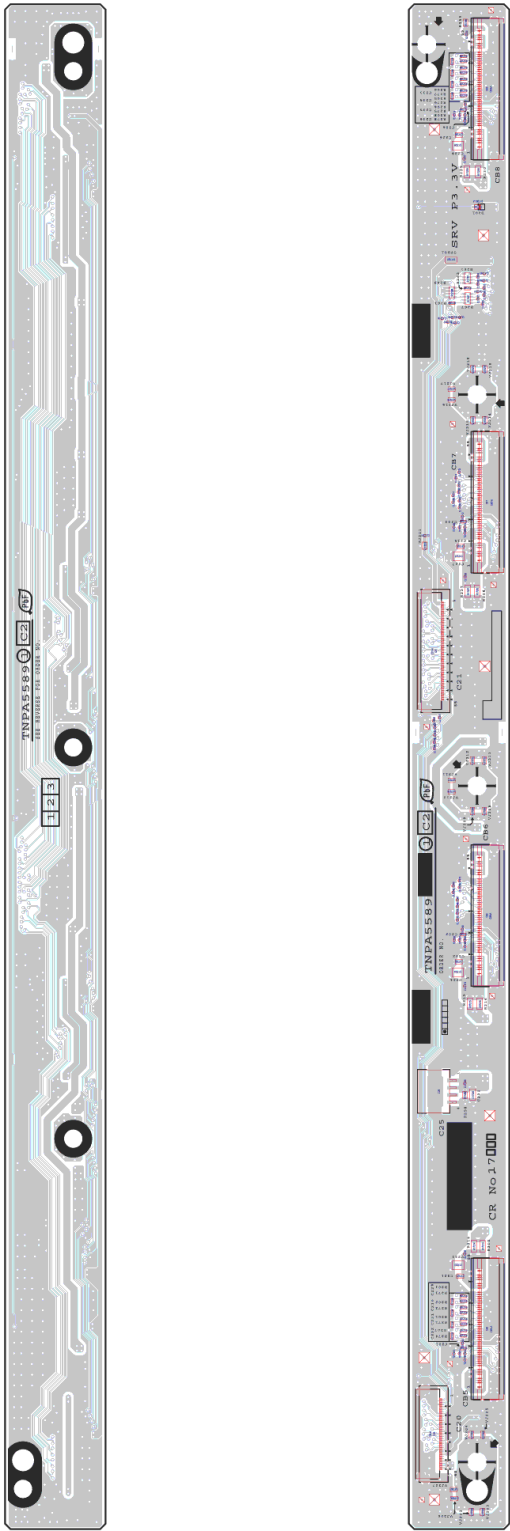


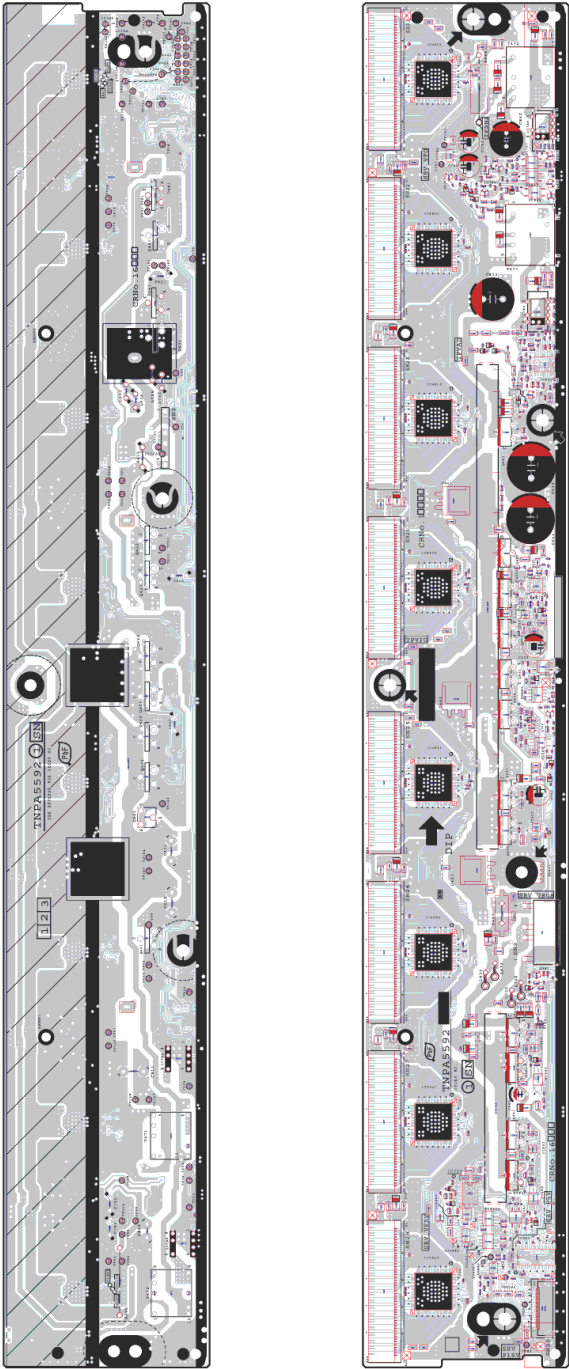












Model No. : TH-P42X50D/K/M/P/S/Z Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	PCB	TZTNP01PKUD	A-PRINT COMPLETE	1	(D) (RTL) PAVCTH
	PCB	TZTNP01PQUK	A-PRINT COMPLETE	1	(K) (RTL) PAVCTH
	PCB	TZTNP01PKUM	A-PRINT COMPLETE	1	(M) (RTL) PAVCTH
	PCB	TZTNP01SRUR	A-PRINT COMPLETE	1	(P) (RTL) PAVCTH
	PCB	TZTNP01PLUS	A-PRINT COMPLETE	1	(S) (RTL) PAVCTH
	PCB	TZTNP01QQUZ	A-PRINT COMPLETE	1	(Z) (RTL) PAVCTH
	PCB	NOAE6JK00005	PSS-PRINT COMPLETE	1	PAVCTH
	PCB	TXNC11RJUU	C1-PRINT COMPLETE	1	(RTL) PAVCTH
	PCB	TXNC21RJUU	C2-PRINT COMPLETE	1	(RTL) PAVCTH
	PCB	TXNSN1RJUU	SN-PRINT COMPLETE	1	(RTL) PAVCTH
	PCB	TXN/K1TXUE	K-PRINT COMPLETE	1	(RTL) PAVCTH
	A1	K1KY07AA0719	7P CONNECTOR	1	
	A6	K1KY23AA0607	23P CONNECTOR	1	
	A12	K1KY04AA1094	4P CONNECTOR	1	PAVCTH
	A20	K1MY30BA0345	30P CONNECTOR	1	
	A30	K1MY55BA0345	55P CONNECTOR	1	
	C10	K1MY40BA0345	40P CONNECTOR	1	
	C20	K1MY40BA0345	40P CONNECTOR	1	
	C21	K1MY55BA0345	55P CONNECTOR	1	
	C25	K1KY04BA0387	4P CONNECTOR	1	PAVCTH
	C1002	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C1003	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C1050	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C1051	FlK0J226A049	C 22UF, 6.3V	1	
	C1053	FlK0J226A049	C 22UF, 6.3V	1	
	C1105	FlG1E1030005	C 0.01UF 25V	1	
	C2000	FlG1E1030005	C 0.01UF 25V	1	
	C2001	FlJ1A106A087	C 10UF, 10V	1	
	C2002	FlJ1E105A287	C 1UF, 25V	1	PAVCTH
	C2003	FlG1H1020008	C 1000PF 50V	1	
	C2006	FlG1E103A144	C 0.01UF 25V	1	PAVCTH
	C2007	FlG1A105A047	C 1UF 10V	1	
	C2008	FlG1A105A047	C 1UF 10V	1	
	C2026	FlG1H102A830	C 1000PF 50V	1	PAVCTH
	C2027	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C2043	FlG1H1020008	C 1000PF 50V	1	
	C2051	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C2052	FlG1C104A077	C 0.1UF 16V	1	
	C2057	FlG1H1020008	C 1000PF 50V	1	
	C2810	FlH1H103B047	C 0.01UF, 50V	1	PAVCTH
	C2811	FlJ1A106A087	C 10UF, 10V	1	
	C2815	FlH1H103B047	C 0.01UF, 50V	1	PAVCTH
	C2821	ECJ1XB1C104K	C 0.1UF, z, 16V	1	
	C3001	FlG1A105A047	C 1UF 10V	1	
	C3002	FlG1A105A047	C 1UF 10V	1	
	C3003	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C3004	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C3005	FlG1A105A047	C 1UF 10V	1	
	C3006	FlG1A105A047	C 1UF 10V	1	
	C3011	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C3016	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C3018	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C3019	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C3020	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C3083	FlJ1A106A110	C 10UF, 10V	1	PAVCTH
	C3084	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C3085	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C3086	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C3108	FlG1E333A059	C 0.033UF, 25V	1	PAVCTH

Model No. : TH-P42X50D/K/M/P/S/Z Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C3109	FlG1E333A059	C 0.033UF, 25V	1	PAVCTH
	C3110	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C3130	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C3131	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C3132	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C3135	FlG1H561A830	C 560 pF 50 V	1	(Z) PAVCTH
	C3136	FlG1H561A830	C 560 pF 50 V	1	(Z) PAVCTH
	C3139	FlG1H561A830	C 560 pF 50 V	1	(Z) PAVCTH
	C3140	FlG1H561A830	C 560 pF 50 V	1	(Z) PAVCTH
	C3145	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C3146	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C3147	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C3148	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C3151	FlG1A105A047	C 1UF 10V	1	
	C3152	FlG1A105A047	C 1UF 10V	1	
	C3155	FlG1H561A830	C 560 pF 50 V	1	(Z) PAVCTH
	C3156	FlG1H561A830	C 560 pF 50 V	1	(Z) PAVCTH
	C3157	FlG1A105A047	C 1UF 10V	1	
	C3158	FlG1A105A047	C 1UF 10V	1	
	C3172	FlG1A105A047	C 1UF 10V	1	
	C3173	FlG1A105A047	C 1UF 10V	1	
	C3174	FlG1A105A047	C 1UF 10V	1	
	C3175	FlG1A105A047	C 1UF 10V	1	
	C3178	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C3179	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C4546	FlH0J105A051	C 1UF, 6.3V	1	PAVCTH
	C4548	FlG1A105A047	C 1UF 10V	1	
	C4800	FlG1A105A047	C 1UF 10V	1	
	C4801	FlG1A105A047	C 1UF 10V	1	
	C4802	FlG1H220A834	C 22PF, 50V	1	(Z) (S) PAVCTH
	C4803	FlG1C104A146	C 0.1UF 16V	1	(Z) (S) PAVCTH
	C4804	FlG1C104A146	C 0.1UF 16V	1	(Z) (S) PAVCTH
	C4805	FlG1C104A146	C 0.1UF 16V	1	(Z) (S) PAVCTH
	C4807	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C4809	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C4811	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C4812	FlG1H102A830	C 1000PF 50V	1	PAVCTH
	C4816	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C4817	FlG1H330A834	C 33PF, 50V	1	PAVCTH
	C4818	FlG1H330A834	C 33PF, 50V	1	PAVCTH
	C4855	FlG1H101A834	C 100PF 50V	1	(Z) (S) PAVCTH
	C4856	FlG1H101A834	C 100PF 50V	1	(Z) (S) PAVCTH
	C4898	FlG1H220A834	C 22PF, 50V	1	PAVCTH
	C4907	FlK1V106A010	C 10UF, 25V	1	PAVCTH
	C4908	FlG1H102A830	C 1000PF 50V	1	PAVCTH
	C4909	FlJ1E105A287	C 1UF, 25V	1	PAVCTH
	C4911	FlH1H104B047	C 0.1UF, 50V	1	PAVCTH
	C4912	FlJ1E105A287	C 1UF, 25V	1	PAVCTH
	C4913	FlH1H104B047	C 0.1UF, 50V	1	PAVCTH
	C4914	FlJ1E105A287	C 1UF, 25V	1	PAVCTH
	C4915	FlH1H104B047	C 0.1UF, 50V	1	PAVCTH
	C4917	FlH1H104B047	C 0.1UF, 50V	1	PAVCTH
	C4918	FlJ1E105A287	C 1UF, 25V	1	PAVCTH
	C4919	FlG1H102A830	C 1000PF 50V	1	PAVCTH
	C4921	FlJ1E474A272	C 0.47UF, 25V	1	PAVCTH
	C4922	FlJ1E474A272	C 0.47UF, 25V	1	PAVCTH
	C4924	FlJ1E474A272	C 0.47UF, 25V	1	PAVCTH
	C4925	FlJ1E474A272	C 0.47UF, 25V	1	PAVCTH
	C4938	FlK1V106A010	C 10UF, 25V	1	PAVCTH
	C4939	FlK1V106A010	C 10UF, 25V	1	PAVCTH
	C4970	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C4971	FlJ1C106A224	C 10UF, 16V	1	PAVCTH

Model No. : TH-P42X50D/K/M/P/S/Z Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C4972	F2H1A101A040	C 100UF, 10V	1	
	C4973	F2H1A101A040	C 100UF, 10V	1	
	C5000	FlG1E103A144	C 0.01UF 25V	1	PAVCTH
	C5002	FlJ1E105A287	C 1UF, 25V	1	PAVCTH
	C5003	FlH1E105A153	C 1UF, 16V	1	PAVCTH
	C5012	EEH1C101UF	C 100PF, J, 16V	1	
	C5013	FlH1C105A167	C 1UF, 10V	1	PAVCTH
	C5014	FlH1C105A167	C 1UF, 10V	1	PAVCTH
	C5015	FlH1C105A167	C 1UF, 10V	1	PAVCTH
	C5016	FlH1C105A167	C 1UF, 10V	1	PAVCTH
	C5017	FlH1C105A167	C 1UF, 10V	1	PAVCTH
	C5018	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C5020	FlG1E103A144	C 0.01UF 25V	1	PAVCTH
	C5023	FlK1V106A010	C 10UF, 25V	1	PAVCTH
	C5025	FlJ1A106A087	C 10UF, 10V	1	
	C5170	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C5171	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C5173	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C5174	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C8001	FlJ1A106A087	C 10UF, 10V	1	
	C8004	FlG1C104A077	C 0.1UF 16V	1	
	C8005	FlG1C104A077	C 0.1UF 16V	1	
	C8006	FlG1C104A077	C 0.1UF 16V	1	
	C8009	FlJ1A106A087	C 10UF, 10V	1	
	C8011	FlG1C104A077	C 0.1UF 16V	1	
	C8014	FlG1A105A047	C 1UF 10V	1	
	C8015	FlG1A105A047	C 1UF 10V	1	
	C8016	FlG1C104A077	C 0.1UF 16V	1	
	C8019	FlJ1A106A087	C 10UF, 10V	1	
	C8023	FlG1C104A077	C 0.1UF 16V	1	
	C8024	FlJ1A106A087	C 10UF, 10V	1	
	C8025	FlJ1A106A087	C 10UF, 10V	1	
	C8026	FlJ0G2260001	C 22 UF 4 V	1	
	C8028	FlG1C104A077	C 0.1UF 16V	1	
	C8029	FlG1C104A077	C 0.1UF 16V	1	
	C8031	FlG1C104A077	C 0.1UF 16V	1	
	C8034	FlG1C104A077	C 0.1UF 16V	1	
	C8035	FlG1C104A077	C 0.1UF 16V	1	
	C8037	FlJ1A106A087	C 10UF, 10V	1	
	C8041	FlG1C104A077	C 0.1UF 16V	1	
	C8042	FlJ1A106A087	C 10UF, 10V	1	
	C8044	FlG1C104A077	C 0.1UF 16V	1	
	C8046	FlG1C104A077	C 0.1UF 16V	1	
	C8047	FlG1C104A077	C 0.1UF 16V	1	
	C8050	FlG1C104A077	C 0.1UF 16V	1	
	C8051	FlG1C104A077	C 0.1UF 16V	1	
	C8053	FlG1C104A077	C 0.1UF 16V	1	
	C8054	FlG1C104A077	C 0.1UF 16V	1	
	C8055	FlG1H1020008	C 1000PF 50V	1	
	C8100	FlG1E682A059	C 6800PF 25V	1	PAVCTH
	C8101	FlH1C105A145	C 1 uF 16 V	1	
	C8102	FlG1C104A077	C 0.1UF 16V	1	
	C8103	FlK1E106A134	C 10UF, 25V	1	
	C8105	FlJ0G2260001	C 22 UF 4 V	1	
	C8106	FlJ0G2260001	C 22 UF 4 V	1	
	C8108	ECJ1VB1E104K	C 0.1 UF, 25V	1	
	C8110	FlG1C223A146	C 0.022UF, 16V	1	PAVCTH
	C8111	FlH1C105A145	C 1 uF 16 V	1	
	C8112	FlG1C104A077	C 0.1UF 16V	1	
	C8113	FlK1E106A134	C 10UF, 25V	1	
	C8115	FlJ0G2260001	C 22 UF 4 V	1	
	C8116	FlJ0G2260001	C 22 UF 4 V	1	

Model No. : TH-P42X50D/K/M/P/S/Z Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C8118	ECJ1VB1E104K	C 0.1 UF, 25V	1	
	C8200	FlG1C104A077	C 0.1UF 16V	1	
	C8203	FlG1C104A077	C 0.1UF 16V	1	
	C8204	FlG1C104A077	C 0.1UF 16V	1	
	C8205	FlG1C104A077	C 0.1UF 16V	1	
	C8206	FlG1C104A077	C 0.1UF 16V	1	
	C8207	FlJ1A106A087	C 10UF, 10V	1	
	C8208	FlG1C104A077	C 0.1UF 16V	1	
	C8210	FlG1C104A077	C 0.1UF 16V	1	
	C8212	FlG1C104A077	C 0.1UF 16V	1	
	C8215	FlG1C104A077	C 0.1UF 16V	1	
	C8216	FlJ1A106A087	C 10UF, 10V	1	
	C8218	FlG1C104A077	C 0.1UF 16V	1	
	C8220	FlG1C104A077	C 0.1UF 16V	1	
	C8221	FlG1C104A077	C 0.1UF 16V	1	
	C8224	FlG1C104A077	C 0.1UF 16V	1	
	C8225	FlG1C104A077	C 0.1UF 16V	1	
	C8300	FlG1H6R00009	C 6.0PF, , 50V	1	PAVCTH
	C8301	FlG1H7R00009	C 7 PF, 50V	1	PAVCTH
	C8302	FlG1C104A077	C 0.1UF 16V	1	
	C8303	FlG1C104A077	C 0.1UF 16V	1	
	C8304	FlG1C104A077	C 0.1UF 16V	1	
	C8305	FlG1A105A047	C 1UF 10V	1	
	C8306	FlG1A105A047	C 1UF 10V	1	
	C8307	FlG1A105A047	C 1UF 10V	1	
	C8308	FlG1A105A047	C 1UF 10V	1	
	C8309	FlG1A105A047	C 1UF 10V	1	
	C8310	FlG1A105A047	C 1UF 10V	1	
	C8311	FlG1A105A047	C 1UF 10V	1	
	C8411	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C8603	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C8604	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C8605	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C8607	FlG1H100A833	C 10PF 50V	1	PAVCTH
	C8608	FlG1H100A833	C 10PF 50V	1	PAVCTH
	C8609	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C8611	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C8615	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C8616	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C8619	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C8620	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C8632	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C8633	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C8642	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C8643	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C8644	EEEB0J221UP	E 220UF, 6.3V	1	
	C8660	FlG1H330A834	C 33PF, 50V	1	PAVCTH
	C8661	FlG1H330A834	C 33PF, 50V	1	PAVCTH
	C8721	FlK1E106A134	C 10UF, 25V	1	
	C8722	FlK1E106A134	C 10UF, 25V	1	
	C8723	ECJ1VB1E104K	C 0.1 UF, 25V	1	
	C8724	FlJ1A106A110	C 10UF, 10V	1	PAVCTH
	C8725	FlJ1A106A110	C 10UF, 10V	1	PAVCTH
	C8728	FlH1C105A145	C 1 uF 16 V	1	
	C8729	FlG1E1030005	C 0.01UF 25V	1	
	C8730	FlG1C104A077	C 0.1UF 16V	1	
	C8731	FlG1E1030005	C 0.01UF 25V	1	
	C8732	FlK1V106A010	C 10UF, 25V	1	PAVCTH
	C8733	FlJ1A106A110	C 10UF, 10V	1	PAVCTH
	C8734	FlJ1A106A110	C 10UF, 10V	1	PAVCTH
	C8737	FlG1C104A077	C 0.1UF 16V	1	
	C8738	FlG1H222A830	C 2200PF, 50V	1	PAVCTH

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Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C8739	FlG1E1030005	C 0.01UF 25V	1	
	C8757	FlJ1A106A087	C 10UF, 10V	1	
	C8758	FlJ1A106A087	C 10UF, 10V	1	
	C8764	FlG1A105A047	C 1UF 10V	1	
	C8765	FlG1A105A047	C 1UF 10V	1	
	C8790	FlJ1A106A110	C 10UF, 10V	1	PAVCTH
	C8791	FlJ1A106A110	C 10UF, 10V	1	PAVCTH
	C8810	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C8813	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C8900	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C8901	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C8902	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C8903	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C9053	FlG1H222A830	C 2200PF, 50V	1	PAVCTH
	C9054	FlH1C105A145	C 1 uF 16 V	1	
	C9055	FlG1C104A077	C 0.1UF 16V	1	
	C9056	FlK1E106A134	C 10UF, 25V	1	
	C9057	FlK1E106A134	C 10UF, 25V	1	
	C9058	FlJ0G2260001	C 22 UF 4 V	1	
	C9059	FlJ0G2260001	C 22 UF 4 V	1	
	C9061	ECJ1VB1E104K	C 0.1 UF, 25V	1	
	C9099	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C9100	FlJ1A106A087	C 10UF, 10V	1	
	C9101	FlG1E1030005	C 0.01UF 25V	1	
	C9102	FlK1V106A010	C 10UF, 25V	1	PAVCTH
	C9103	FlG1E103A144	C 0.01UF 25V	1	PAVCTH
	C9104	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C9105	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C9106	FlG1H561A830	C 560 pF 50 V	1	PAVCTH
	C9300	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C9301	FlG1H150A834	C 15PF, 50V	1	PAVCTH
	C9302	FlG1H180A834	C 18PF, 50V	1	PAVCTH
	C9308	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C9311	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C9312	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C9313	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C9328	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C9330	FlG1A105A047	C 1UF 10V	1	
	C9331	FlG1A105A047	C 1UF 10V	1	
	C9332	FlG1A105A047	C 1UF 10V	1	
	C9337	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C9347	FlG1A105A047	C 1UF 10V	1	
	C9351	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C9352	FlG1A105A047	C 1UF 10V	1	
	C9362	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C9366	FlG1A105A047	C 1UF 10V	1	
	C9371	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C9375	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C9380	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C9389	FlG1A105A047	C 1UF 10V	1	
	C9392	FlJ1C106A224	C 10UF, 16V	1	PAVCTH
	C9400	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C9401	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C9404	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C9409	FlG1A105A047	C 1UF 10V	1	
	C9411	FlG1A105A047	C 1UF 10V	1	
	C9413	FlG1A105A047	C 1UF 10V	1	
	C9591	FlG1C104A146	C 0.1UF 16V	1	PAVCTH
	C14901	FlG1H1020008	C 1000PF 50V	1	
	C14902	FlH1C105A145	C 1 uF 16 V	1	
	C14906	FlH1C105A145	C 1 uF 16 V	1	
	C14908	FlH1C105A145	C 1 uF 16 V	1	

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Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C14912	F1H1C105A145	C 1 uF 16 V	1	
	C14924	F1L2E104A028	C 0.10UF, 250V	1	
	C14925	F1L2E104A028	C 0.10UF, 250V	1	
	C14927	F1K2J2210003	C 220PF, 630V	1	PAVCTH
	C14928	F1K2J2210003	C 220PF, 630V	1	PAVCTH
	C14931	F1G1H1020008	C 1000PF 50V	1	
	C14936	F1G1H221A541	C 220PF, 50V	1	
	C14937	F1G1H221A541	C 220PF, 50V	1	
	C14943	F1J1A475A039	C 4.7UF, 10V	1	
	C14950	F1G1H221A541	C 220PF, 50V	1	
	C14952	F1H1C105A145	C 1 uF 16 V	1	
	C14957	F1H1C105A145	C 1 uF 16 V	1	
	C14958	F1H1C105A145	C 1 uF 16 V	1	
	C14963	F1H1C105A145	C 1 uF 16 V	1	
	C14970	F1G1H221A541	C 220PF, 50V	1	
	C14973	F1G1H1020008	C 1000PF 50V	1	
	C14974	F1L2E104A028	C 0.10UF, 250V	1	
	C14976	F1L2E104A028	C 0.10UF, 250V	1	
	C14977	F1K2J2210003	C 220PF, 630V	1	PAVCTH
	C14979	F1K2J2210003	C 220PF, 630V	1	PAVCTH
	C14987	F1H1C105A145	C 1 uF 16 V	1	
	C14988	F1H1C105A145	C 1 uF 16 V	1	
	C14992	F1H1C105A145	C 1 uF 16 V	1	
	C14993	F1H1C105A145	C 1 uF 16 V	1	
	C16401	F1L2J562A021	C 5600PF, 630V	1	PAVCTH
	C16402	F1L2J562A021	C 5600PF, 630V	1	PAVCTH
	C16405	ECJ1VB1H472K	C 4700PF, 50V	1	
	C16406	ECJ1VB1H472K	C 4700PF, 50V	1	
	C16411	F2A2T3010001	E 300UF, 220V	1	PAVCTH
	C16412	F2A2T3010001	E 300UF, 220V	1	PAVCTH
	C16421	F1L2J562A021	C 5600PF, 630V	1	PAVCTH
	C16422	F1L2J562A021	C 5600PF, 630V	1	PAVCTH
	C16425	ECJ1VB1H472K	C 4700PF, 50V	1	
	C16426	ECJ1VB1H472K	C 4700PF, 50V	1	
	C16435	F1L2J562A021	C 5600PF, 630V	1	PAVCTH
	C16436	F1K2J331A042	C 330PF, 630V	1	PAVCTH
	C16441	ECJ1VB1H472K	C 4700PF, 50V	1	
	C16451	ECJ1VB1H472K	C 4700PF, 50V	1	
	C16502	F1K1E105A029	C 1UF, 25V	1	
	C16503	F2A1E221B726	E 220UF, 25V	1	PAVCTH
	C16505	F1K1E105A029	C 1UF, 25V	1	
	C16506	F1H1C105A145	C 1 uF 16 V	1	
	C16508	F1K1E105A029	C 1UF, 25V	1	
	C16531	F1K1E105A029	C 1UF, 25V	1	
	C16534	F1H1C105A145	C 1 uF 16 V	1	
	C16541	F1H1C105A145	C 1 uF 16 V	1	
	C16542	F2A1E470B725	E 47UF, 25V	1	PAVCTH
	C16551	F1K1E105A029	C 1UF, 25V	1	
	C16561	F1J1A106A087	C 10UF, 10V	1	
	C16562	F1H1C105A145	C 1 uF 16 V	1	
	C16563	F1H1C105A145	C 1 uF 16 V	1	
	C16565	ECJ1VB1H103K	C 0.01UF, 50V	1	
	C16566	ECJ1VB1H103K	C 0.01UF, 50V	1	
	C16582	F1K1E475A134	C 4.7UF 25V	1	
	C16593	F1H1H102A831	C 1000PF, 50V	1	PAVCTH
	C16602	F1H1H2200008	C 22PF, 50V	1	
	C16603	F1K2J471A042	C 470PF, 630V	1	PAVCTH
	C16643	F1K2J222A024	C 2200PF, 630V	1	PAVCTH
	C16644	F1K2J222A024	C 2200PF, 630V	1	PAVCTH
	C16661	F1K2J1020001	C 1000PF, 630V	1	PAVCTH
	C16662	F1K2J1020001	C 1000PF, 630V	1	PAVCTH
	C16668	F1H1H821A831	C 820 PF, 50V	1	

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Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C16685	F1H1H104A913	C 0.1UF, K , 50V	1	
	C16723	F1K1E475A134	C 4.7UF 25V	1	
	C16724	F1K1E475A134	C 4.7UF 25V	1	
	C16725	F1K1E475A134	C 4.7UF 25V	1	
	C16727	F1K2J331A042	C 330PF, 630V	1	PAVCTH
	C16728	F1K2J331A042	C 330PF, 630V	1	PAVCTH
	C16729	F1K2J331A042	C 330PF, 630V	1	PAVCTH
	C16731	F1K2J331A042	C 330PF, 630V	1	PAVCTH
	C16753	F1K1E105A029	C 1UF, 25V	1	
	C16770	F1H1C105A145	C 1 uF 16 V	1	
	C16790	F1K1E475A134	C 4.7UF 25V	1	
	C16791	F2A1E221B726	E 220UF, 25V	1	PAVCTH
	C16793	F2A1E221B726	E 220UF, 25V	1	PAVCTH
	C16795	F2A1E221B726	E 220UF, 25V	1	PAVCTH
	C16796	F1K1E475A134	C 4.7UF 25V	1	
	C16813	F2A2T1210001	E 120UF, 220V	1	
	C16833	F1K2J1020001	C 1000PF, 630V	1	PAVCTH
	C16834	F1K2J1020001	C 1000PF, 630V	1	PAVCTH
	C16842	F2A2C1010028	E 100UF, 160V	1	
	C16843	ECJ1VB1A105K	C 1UF, 10V	1	
	C16844	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C16854	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C16856	ECJ1VB1A105K	C 1UF, 10V	1	
	C16858	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C16860	ECJ1VB1A105K	C 1UF, 10V	1	
	C16861	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C16862	ECJ1VB1A105K	C 1UF, 10V	1	
	C16863	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C16891	F1K1E105A029	C 1UF, 25V	1	
	C16893	F1K2J331A042	C 330PF, 630V	1	PAVCTH
	C16903	F1K2J152A024	C 1500PF, 630V	1	PAVCTH
	C16904	F1K2J681A039	C 680PF, 630V	1	PAVCTH
	C16906	F1K2J332A024	C 3300PF, 630V	1	PAVCTH
	C16907	F1K2J471A042	C 470PF, 630V	1	PAVCTH
	C16945	F1G1H1020008	C 1000PF 50V	1	
	C17101	F1H1A105A099	C 1UF, 10V	1	PAVCTH
	C17102	F1H1A105A099	C 1UF, 10V	1	PAVCTH
	C17103	F1H1A105A099	C 1UF, 10V	1	PAVCTH
	C17104	F1H1A105A099	C 1UF, 10V	1	PAVCTH
	C17120	F1L2E154A028	C 0.15UF, 250V	1	
	C17121	F1L2E154A028	C 0.15UF, 250V	1	
	C17122	F1L2E154A028	C 0.15UF, 250V	1	
	C17123	F1L2E154A028	C 0.15UF, 250V	1	
	C17128	F1H1H102A831	C 1000PF, 50V	1	PAVCTH
	C17129	F1H1H102A831	C 1000PF, 50V	1	PAVCTH
	C17130	F1H1H102A831	C 1000PF, 50V	1	PAVCTH
	C17131	F1H1H102A831	C 1000PF, 50V	1	PAVCTH
	C17201	F1H1A105A099	C 1UF, 10V	1	PAVCTH
	C17202	F1H1A105A099	C 1UF, 10V	1	PAVCTH
	C17203	F1H1A105A099	C 1UF, 10V	1	PAVCTH
	C17204	F1H1A105A099	C 1UF, 10V	1	PAVCTH
	C17223	F1L2E154A028	C 0.15UF, 250V	1	
	C17224	F1L2E154A028	C 0.15UF, 250V	1	
	C17227	F1L2E154A028	C 0.15UF, 250V	1	
	C17228	F1L2E154A028	C 0.15UF, 250V	1	
	CB1	K1MY55B00002	55P CONNECTOR	1	PAVCTH
	CB2	K1MY55B00002	55P CONNECTOR	1	PAVCTH
	CB3	K1MY55B00002	55P CONNECTOR	1	PAVCTH
	CB4	K1MY55B00002	55P CONNECTOR	1	PAVCTH
	CB5	K1MY55B00002	55P CONNECTOR	1	PAVCTH
	CB6	K1MY55B00002	55P CONNECTOR	1	PAVCTH

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Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	CB7	K1MY55B00002	55P CONNECTOR	1	PAVCTH
	CB8	K1MY55B00002	55P CONNECTOR	1	PAVCTH
	CN0100	K1KA14A00248	14P CONNECTOR	1	
	D2005	EZJZ0V120JA	VARISTOR	1	
	D2820	B3AGB0000065	LED	1	
	D3021	DZ2J140M0L	ZENER DIODE	1	
	D3022	DZ2J140M0L	ZENER DIODE	1	
	D3023	DZ2J140M0L	ZENER DIODE	1	
	D3024	DZ2J140M0L	ZENER DIODE	1	
	D3025	DZ2J140M0L	ZENER DIODE	1	
	D3026	DZ2J140M0L	ZENER DIODE	1	
	D3027	DZ2J140M0L	ZENER DIODE	1	
	D3028	DZ2J140M0L	ZENER DIODE	1	
	D3201	K7AAAY000015	PHOTO LINK	1	(Z) (S) PAVCTH
	D4703	DZ2J056M0L	ZENER DIODE	1	
	D4704	DB2J30900L	DIODE	1	PAVCTH
	D4720	DZ2J056M0L	ZENER DIODE	1	
	D4721	DB2J30900L	DIODE	1	PAVCTH
	D4773	B0JCCE000021	DIODE	1	
	D5170	B0ADCK000001	DIODE	1	
	D5171	DZ2J068M0L	ZENER DIODE	1	
	D5172	DZ2J068M0L	ZENER DIODE	1	
	D8716	DA2J10100L	DIODE	1	
	D9806	B0ADCK000001	DIODE	1	
	D14909	DA3X103E0L	DIODE	1	PAVCTH
	D14924	B0ECKM000046	DIODE	1	
	D14925	B0ECKM000046	DIODE	1	
	D14967	DA2J10100L	DIODE	1	
	D14974	B0ECKM000046	DIODE	1	
	D14976	B0ECKM000046	DIODE	1	
	D16401	B0ECKP000061	DIODE	1	PAVCTH
	D16402	B0ECKP000061	DIODE	1	PAVCTH
	D16407	B0JCDE000006	DIODE	1	
	D16411	DA3X103E0L	DIODE	1	PAVCTH
	D16413	DA2J10100L	DIODE	1	
	D16421	DA3CF30ACL	ZENER DIODE	1	
	D16432	B0ECKP000055	DIODE	1	
	D16435	B0ECKP000055	DIODE	1	
	D16461	B0FBCN000012	DIODE	1	PAVCTH
	D16473	DA2J10100L	DIODE	1	
	D16481	B0FBCN000012	DIODE	1	PAVCTH
	D16506	DZ2J051M0L	ZENER DIODE	1	
	D16507	DZ2J051M0L	ZENER DIODE	1	
	D16534	DZ2J051M0L	ZENER DIODE	1	
	D16536	B0ECKP000055	DIODE	1	
	D16582	DZ2J051M0L	ZENER DIODE	1	
	D16583	B3ABB0000381	LED	1	PAVCTH
	D16601	DZ2J051M0L	ZENER DIODE	1	
	D16618	B0ECKP000055	DIODE	1	
	D16620	B0ECKP000055	DIODE	1	
	D16641	DA3CF30ACL	ZENER DIODE	1	
	D16642	DA3CF30ACL	ZENER DIODE	1	
	D16662	DZ2J330M0L	ZENER DIODE	1	
	D16663	DZ2J330M0L	ZENER DIODE	1	
	D16664	DZ2J330M0L	ZENER DIODE	1	
	D16667	DA2J10100L	DIODE	1	
	D16668	DA3X103E0L	DIODE	1	PAVCTH
	D16673	B0ECHR000004	DIODE	1	
	D16674	B0ECHR000004	DIODE	1	
	D16685	DA2J10100L	DIODE	1	

Model No. : TH-P42X50D/K/M/P/S/Z Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	D16686	DA2J10100L	DIODE	1	
	D16711	B0ECHR000004	DIODE	1	
	D16712	B0ECHR000004	DIODE	1	
	D16713	B0ECHS000002	DIODE	1	
	D16714	B0ECHS000002	DIODE	1	
	D16720	B0ECHR000004	DIODE	1	
	D16722	B0ECKP000055	DIODE	1	
	D16723	B0ECKP000055	DIODE	1	
	D16725	B0ECKP000055	DIODE	1	
	D16728	B0ECKP000055	DIODE	1	
	D16823	DA3X103E0L	DIODE	1	PAVCTH
	D16824	DA2J10100L	DIODE	1	
	D16825	DZ2J330M0L	ZENER DIODE	1	
	D16826	DZ2J330M0L	ZENER DIODE	1	
	D16828	DA2J10100L	DIODE	1	
	D16833	B0ECHR000004	DIODE	1	
	IC2001	C1ZBZ0004368	IC	1	
	IC2002	C1ZBZ0004683	IC	1	PAVCTH
	IC3001	C1AB00003385	IC	1	
	IC4900	C1AB00003705	IC	1	
	IC5000	AN34044A-VF	IC	1	
	IC8000	MN2WS0178E	IC	1	PAVCTH
	IC8100	C0DBAYY01284	IC	1	PAVCTH
	IC8101	C0DBAYY01285	IC	1	PAVCTH
	IC8200	C3ABTY000068	IC	1	
	IC8201	C3ABTY000068	IC	1	
	IC8601	C1CB00003491	IC	1	
	IC8603	C0DBZYY00541	IC	1	PAVCTH
	IC8704	C0DBAYY01284	IC	1	PAVCTH
	IC8705	C0DBAYY01299	IC	1	PAVCTH
	IC8706	C0DBGYY00887	IC	1	
	IC8713	C0DBGYY01682	IC	1	
	IC8714	C0DBEYY00102	IC	1	PAVCTH
	IC8900	TVRS740	IC	1	PAVCTH
	IC8901	TVR***1D	IC	1	(D) PAVCTH
	IC8901	TVR***1K	IC	1	(K) PAVCTH
	IC8901	TVR***1M	IC	1	(M) PAVCTH
	IC8901	TVR***1P	IC	1	(P) PAVCTH
	IC8901	TVR***1S	IC	1	(S) PAVCTH
	IC8901	TVR***1Z	IC	1	(Z) PAVCTH
	IC8902	TVR***2D	IC	1	(D) PAVCTH
	IC8902	TVR***2K	IC	1	(K) PAVCTH
	IC8902	TVR***2M	IC	1	(M) PAVCTH
	IC8902	TVR***2P	IC	1	(P) PAVCTH
	IC8902	TVR***2S	IC	1	(S) PAVCTH
	IC8902	TVR***2Z	IC	1	(Z) PAVCTH
	IC9300	C1AB00003409	IC	1	
	IC9304	TVRS744	IC	1	PAVCTH
	IC9400	C0JBAZ001120	IC	1	
	IC9401	C0JBAZ001120	IC	1	
	IC9402	C0JBAZ001120	IC	1	
	IC9803	C0DBAYY01284	IC	1	PAVCTH
	IC14901	C0HBC0000031	IC	1	PAVCTH
	IC14902	C0HBC0000031	IC	1	PAVCTH
	IC14903	C0HBC0000031	IC	1	PAVCTH
	IC14904	C0HBC0000031	IC	1	PAVCTH
	IC14951	C0HBC0000031	IC	1	PAVCTH
	IC14952	C0HBC0000031	IC	1	PAVCTH
	IC14953	C0HBC0000031	IC	1	PAVCTH
	IC14954	C0HBC0000031	IC	1	PAVCTH
	IC14961	C0JBAU000088	IC	1	

Model No. : TH-P42X50D/K/M/P/S/Z Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	IC14962	C0JBAB000996	IC	1	
	IC16501	C0ZBZ0001936	IC	1	PAVCTH
	IC16502	C0ZBZ0001936	IC	1	PAVCTH
	IC16521	C0ZBZ0001936	IC	1	PAVCTH
	IC16522	C0ZBZ0001936	IC	1	PAVCTH
	IC16561	AN49272A-VF	IC	1	PAVCTH
	IC16563	C0JBAB000996	IC	1	
	IC16600	C1ZBZ0004559	IC	1	PAVCTH
	IC16603	C0JBAA000344	IC	1	
	IC16725	C1ZBZ0004715	IC	1	PAVCTH
	IC16784	MIP3910MSSCF	IC	1	
	IC16785	C0DBZYY00532	IC	1	PAVCTH
	IC16786	MIP3910MSSCF	IC	1	
	IC16787	C0DBZYY00532	IC	1	PAVCTH
	IC16795	C0CBALC00012	IC	1	
	IC16921	C1ZBZ0004557	IC	1	PAVCTH
	JK3001	K1FY315A0014	CONNECTOR	1	PAVCTH
	JK3100B	K1U921A00002	CONNECTOR	1	PAVCTH
	JK3202	K2HCL1YYB0079	JACK	1	PAVCTH
	JK4700	K1FY119D0025	CONNECTOR	1	PAVCTH
	JK4701	K1FY119D0025	CONNECTOR	1	PAVCTH
	JK8600	K1NA12E00016	12P CONNECTOR	1	
	JK8601A	K1FY104B0081	CONNECTOR	1	(D) (K) (M) (P) (S) PAVCTH
	JK8601	K1FY104B0082	CONNECTOR	1	(Z) PAVCTH
	JK8602	K2LC1YYA0018	JACK	1	PAVCTH
	K1	K1KY07AA0719	7P CONNECTOR	1	
	L3001	D0GBR00J0004	M 0 OHM J 1/10W	1	
	L3102	J0JYC0000425	FILTER	1	PAVCTH
	L3103	J0JYC0000425	FILTER	1	PAVCTH
	L3111	J0JYC0000425	FILTER	1	PAVCTH
	L3112	J0JYC0000425	FILTER	1	PAVCTH
	L3113	J0JYC0000425	FILTER	1	PAVCTH
	L3116	J0JYC0000425	FILTER	1	PAVCTH
	L3117	J0JYC0000425	FILTER	1	PAVCTH
	L3118	J0JYC0000425	FILTER	1	PAVCTH
	L4800	G1CR39JA0129	INDUCTION COIL	1	(Z) (S) PAVCTH
	L4801	G1CR39JA0129	INDUCTION COIL	1	(Z) (S) PAVCTH
	L4802	J0JGC0000063	FILTER	1	PAVCTH
	L4803	J0JGC0000063	FILTER	1	PAVCTH
	L4804	J0JGC0000063	FILTER	1	PAVCTH
	L4807	J0JYC0000342	FILTER	1	PAVCTH
	L4900	G1C150MA0533	INDUCTION COIL	1	PAVCTH
	L4901	G1C150MA0533	INDUCTION COIL	1	PAVCTH
	L4902	G1C150MA0533	INDUCTION COIL	1	PAVCTH
	L4903	G1C150MA0533	INDUCTION COIL	1	PAVCTH
	L8003	J0JCC0000287	CHIP INDUCTOR	1	
	L8005	J0JHC0000045	CHIP INDUCTOR	1	
	L8006	J0JHC0000045	CHIP INDUCTOR	1	
	L8009	J0JKC0000021	CHIP INDUCTOR	1	
	L8015	J0JCC0000287	CHIP INDUCTOR	1	
	L8016	J0JCC0000287	CHIP INDUCTOR	1	
	L8100	G1C2R2ZA0311	INDUCTION COIL	1	PAVCTH
	L8101	G1C2R2ZA0311	INDUCTION COIL	1	PAVCTH
	L8600	J0JYC0000464	FILTER	1	PAVCTH
	L8604	J0ZZB0000142	FILTER	1	(Z)
	L8607	J0JHC0000109	CHIP INDUCTOR	1	PAVCTH
	L8609	J0JYC0000464	FILTER	1	PAVCTH
	L8704	G1C2R2ZA0311	INDUCTION COIL	1	PAVCTH
	L8705	G1C4R7ZA0311	INDUCTION COIL	1	PAVCTH

Model No. : TH-P42X50D/K/M/P/S/Z Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	L8706	J0JGC0000063	FILTER	1	PAVCTH
	L9008	G1C2R2ZA0311	INDUCTION COIL	1	PAVCTH
	L9302	J0JYC0000464	FILTER	1	PAVCTH
	L9303	J0JYC0000464	FILTER	1	PAVCTH
	L16432	G0ZZ00002183	PEAKING COIL	1	
	L16433	G0ZZ00002183	PEAKING COIL	1	
	L16722	G0ZZ00002183	PEAKING COIL	1	
	L16725	G0ZZ00002183	PEAKING COIL	1	
	PA2000	K5H4022A0031	FUSE	1	
	PA8704	K5H5022A0031	FUSE	1	
	PC14951	B3PBE0000065	IC	1	PAVCTH
	PC14952	B3PBE0000065	IC	1	PAVCTH
	PC16461	B3PBE0000065	IC	1	PAVCTH
	PC16462	B3PBE0000060	IC	1	
	PC16463	B3PBE0000060	IC	1	
	PC16480	B3PBA0000611	IC	1	PAVCTH
	PC16603	B3PBA0000611	IC	1	PAVCTH
	PC16685	B3PBA0000625	IC	1	PAVCTH
	PC16723	B3PBA0000611	IC	1	PAVCTH
	PC16896	B3PBA0000611	IC	1	PAVCTH
	PC16897	B3PBA0000611	IC	1	PAVCTH
	Q0900	B1ADCF000194	TRANSISTOR	1	
	Q2001	B1CHPC000005	FET	1	PAVCTH
	Q2002	B1ABCE000015	TRANSISTOR	1	
	Q2004	B1ABCE000015	TRANSISTOR	1	
	Q2007	B1ABCE000015	TRANSISTOR	1	
	Q2810	B1ABCE000015	TRANSISTOR	1	
	Q2811	B1ABCE000015	TRANSISTOR	1	
	Q2812	B1ABCE000015	TRANSISTOR	1	
	Q3102	B1ABKE000001	TRANSISTOR	1	PAVCTH
	Q3103	B1ABKE000001	TRANSISTOR	1	PAVCTH
	Q4513	B1ADCF000194	TRANSISTOR	1	
	Q4514	B1HFCEA00001	TRANSISTOR	1	
	Q4700	B1ABCF000231	TRANSISTOR	1	
	Q4702	B1ABCF000231	TRANSISTOR	1	
	Q4970	B1ADCF000194	TRANSISTOR	1	
	Q4971	B1ABKE000001	TRANSISTOR	1	PAVCTH
	Q4972	B1ABKE000001	TRANSISTOR	1	PAVCTH
	Q4973	B1ADCE000027	TRANSISTOR	1	
	Q4974	B1ABBE000003	TRANSISTOR	1	
	Q5020	B1ADCF000194	TRANSISTOR	1	
	Q5021	B1ABCE000015	TRANSISTOR	1	
	Q5171	B1HFCEA00001	TRANSISTOR	1	
	Q5172	B1ADCF000194	TRANSISTOR	1	
	Q16401	B1JADN000013	TRANSISTOR	1	PAVCTH
	Q16402	B1JADN000013	TRANSISTOR	1	PAVCTH
	Q16421	DG3D3010CVLW	TRANSISTOR	1	PAVCTH
	Q16422	DG3D3010CVLW	TRANSISTOR	1	PAVCTH
	Q16441	B1JADN000013	TRANSISTOR	1	PAVCTH
	Q16451	B1JADN000013	TRANSISTOR	1	PAVCTH
	Q16581	B1ABCE000015	TRANSISTOR	1	
	Q16601	B1CERQ000062	FET	1	PAVCTH
	Q16602	B1CFGF000019	FET	1	PAVCTH
	Q16621	B1JADN000013	TRANSISTOR	1	PAVCTH
	Q16622	B1JADN000013	TRANSISTOR	1	PAVCTH
	Q16661	DG3D6010CVLW	TRANSISTOR	1	PAVCTH
	Q16762	B1HFPPA000002	TRANSISTOR	1	
	Q16815	B1ABCE000015	TRANSISTOR	1	
	Q16817	DSC2001Q0L	TRANSISTOR	1	

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Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	Q16820	B1CFGF000019	FET	1	PAVCTH
	Q16891	B1ADCE000027	TRANSISTOR	1	
	R061	D0GAR00J0005	M 0 OHM, 1/16W	1	(D) (K) (M) (P)
	R062	D0GAR00J0005	M 0 OHM, 1/16W	1	(Z)
	R066	D0GAR00J0005	M 0 OHM, 1/16W	1	(S)
	R075	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R0800	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R0902	D0GA473JA023	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	D1HY2224A012	NETWORK RESISTER	1	PAVCTH
	R0935	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R0936	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R0937	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R0938	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R0941	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R0942	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R0943	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R0944	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R0945	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R0946	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R0949	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R0951	D0GA473JA023	M 47KOHM, J,1/16W	1	
	R0952	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R0953	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R1009	D0GA101JA023	M 100 OHM, J,1/16W	1	(Z) (S)
	R1117	D1BA7151A023	M 7.15KOHM, F 1/16 W	1	PAVCTH
	R1118	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R2001	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R2004	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R2008	D0GA433JA023	M 43KOHM, J,1/16W	1	PAVCTH
	R2023	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R2024	D0GA223JA023	M 22K OHM J 1/16W	1	
	R2025	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R2027	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R2029	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R2033	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R2035	D0GA223JA023	M 22K OHM J 1/16W	1	
	R2036	D0GA223JA023	M 22K OHM J 1/16W	1	
	R2038	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R2039	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R2047	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R2054	D0GA223JA023	M 22K OHM J 1/16W	1	
	R2055	D0GA223JA023	M 22K OHM J 1/16W	1	
	R2065	D0GA101JA023	M 100 OHM, J,1/16W	1	
	R2810	D0GA470JA023	M 47 OHM, J,1/16W	1	
	R2811	D0GA104JA023	M100KOHM, J.1/16 W	1	
	R2812	D0GA224JA023	M 220KOHM J 1/16W	1	
	R2813	D0GA223JA023	M 22K OHM J 1/16W	1	
	R2814	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R2815	D0GA473JA023	M 47KOHM, J,1/16W	1	
	R2816	D0GA473JA023	M 47KOHM, J,1/16W	1	on A-Board
	R2816	D0GA152JA023	M 1.5KOHM, J,1/16W	1	on K-Board
	R2817	D0GA223JA023	M 22K OHM J 1/16W	1	
	R2818	D0GA473JA023	M 47KOHM, J,1/16W	1	

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Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R2819	D0GA332JA023	M 3.3KOHM, J,1/16W	1	
	R2834	D0GA122JA023	M 1.2KOHM, J,1/16W	1	
	R3003	D0GA473JA023	M 47KOHM, J,1/16W	1	
	R3011	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R3012	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R3013	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R3099	D0GA473JA023	M 47KOHM, J,1/16W	1	
	R3149	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R3158	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R3159	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R3160	D0GA680JA023	M 68 OHM, J,1/16W	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	
	R3174	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R3175	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R3176	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R3177	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R3178	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	D1BF75R0A073	M 75.0 OHM,F.1/4 W	1	PAVCTH
	R3182	D1BD75R0A066	M 75.0 OHM,F.1/8 W	1	
	R3183	D1BD75R0A066	M 75.0 OHM,F.1/8 W	1	
	R3185	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R3186	D0GA333JA023	M 33KOHM,J,1/16W	1	
	R3187	D0GA333JA023	M 33KOHM,J,1/16W	1	
	R3188	D1BF75R0A073	M 75.0 OHM,F.1/4 W	1	PAVCTH
	R3189	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R3193	D0GA820JA023	M 82 OHM, J,1/16W	1	
	R3194	D0GA820JA023	M 82 OHM, J,1/16W	1	
	R3195	D0GA820JA023	M 82 OHM, J,1/16W	1	
	R3196	D0GA820JA023	M 82 OHM, J,1/16W	1	
	R3215	D0GA101JA023	M 100 OHM, J,1/16W	1	
	R3216	D0GA101JA023	M 100 OHM, J,1/16W	1	
	R3301	D0GB750ZA040	M 75 OHM 1/10W	1	PAVCTH
	R3302	D0GB750ZA040	M 75 OHM 1/10W	1	PAVCTH
	R3303	D0GB750ZA040	M 75 OHM 1/10W	1	PAVCTH
	R3313	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R3314	D0GA472JA023	M 4.7KOHM, J,1/16W	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	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R4560	D0GA473JA023	M 47KOHM, J,1/16W	1	
	R4563	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R4702	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R4708	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R4709	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R4710	D1HY4734A012	NETWORK RESISTER	1	PAVCTH
	R4711	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R4715	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R4721	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R4722	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R4723	D1HY4734A012	NETWORK RESISTER	1	PAVCTH
	R4724	D0GA102JA023	M1KOHM, J.1/16 W	1	

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Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	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	
	R4779	D0GA360JA023	M 36 OHM, J,1/16W	1	
	R4798	D0GA273JA023	M 27K OHM J ,1/16W	1	
	R4800	D0GA103JA023	M10KOHM, J.1/16 W	1	(Z) (S)
	R4910	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R4911	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R4913	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R4914	D1HY2204A012	NETWORK RESISTER	1	PAVCTH
	R4921	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R4970	D1BB1403A106	M 140KOHM,J.1/10W	1	PAVCTH
	R4971	D1BB1403A106	M 140KOHM,J.1/10W	1	PAVCTH
	R4972	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R4973	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R4974	D0GA101JA023	M 100 OHM, J,1/16W	1	
	R4975	D0GA473JA023	M 47KOHM, J,1/16W	1	
	R4976	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R4978	D0GA101JA023	M 100 OHM, J,1/16W	1	
	R4979	D0GA101JA023	M 100 OHM, J,1/16W	1	
	R4980	D0GA473JA023	M 47KOHM, J,1/16W	1	
	R4981	D0GA473JA023	M 47KOHM, J,1/16W	1	
	R4984	D0GA473JA023	M 47KOHM, J,1/16W	1	
	R4985	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R4987	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R5001	D0GA473JA023	M 47KOHM, J,1/16W	1	
	R5009	D0GA103JA023	M10KOHM, J.1/16 W	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	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R5020	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R5021	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R5022	D0GA104JA023	M100KOHM, J.1/16 W	1	
	R5023	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R5024	D0GA473JA023	M 47KOHM, J,1/16W	1	
	R5068	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R5071	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R5086	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R5170	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R5171	D0GA683JA023	M 68KOHM, J,1/16W	1	
	R5172	D0GA473JA023	M 47KOHM, J,1/16W	1	
	R5173	D0GA103JA023	M10KOHM, J.1/16 W	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	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R5181	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R5182	D0GA104JA023	M100KOHM, J.1/16 W	1	
	R5183	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R5184	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R5185	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R6927	D0GAR00J0005	M 0 OHM, 1/16W	1	(Z) (S)
	R6928	D0GAR00J0005	M 0 OHM, 1/16W	1	(Z) (S)
	R6953	D0GAR00J0005	M 0 OHM, 1/16W	1	(Z) (S)
	R8001	D0GA331JA023	M 330 OHM, J,1/16W	1	
	R8100	D1BB2001A197	M 2 KOHM,F.1/10 W	1	PAVCTH
	R8101	D1BB1301A195	M 1.3KOHM,J.1/10W	1	PAVCTH
	R8102	D1BB2001A197	M 2 KOHM,F.1/10 W	1	PAVCTH

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Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R8103	D1BB1961A087	M 1.96 KOHM, F.1/10 W	1	PAVCTH
	R8200	D1BA2400A023	M 240 OHM, F.1/16 W	1	PAVCTH
	R8203	D1BA1001A023	M 1 KOHM, F.1/16 W	1	PAVCTH
	R8204	D1BA1001A023	M 1 KOHM, F.1/16 W	1	PAVCTH
	R8205	D1BA1001A023	M 1 KOHM, F.1/16 W	1	PAVCTH
	R8206	D1BA1001A023	M 1 KOHM, F.1/16 W	1	PAVCTH
	R8207	D1BA1001A023	M 1 KOHM, F.1/16 W	1	PAVCTH
	R8208	D1BA1001A023	M 1 KOHM, F.1/16 W	1	PAVCTH
	R8217	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R8218	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R8219	D1BA2400A023	M 240 OHM, F.1/16 W	1	PAVCTH
	R8220	D1BA2400A023	M 240 OHM, F.1/16 W	1	PAVCTH
	R8221	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R8222	D1HY3304A012	NETWORK RESISTER	1	PAVCTH
	R8223	D1HY3304A012	NETWORK RESISTER	1	PAVCTH
	R8224	D1BA1001A023	M 1 KOHM, F.1/16 W	1	PAVCTH
	R8225	D1BA1001A023	M 1 KOHM, F.1/16 W	1	PAVCTH
	R8301	D0GA681JA023	M680 OHM, J,1/16W	1	
	R8302	D0GA360JA023	M 36 OHM, J,1/16W	1	
	R8303	D0GA360JA023	M 36 OHM, J,1/16W	1	
	R8304	D1BA6201A023	M 6.2 KOHM, F.1/16 W	1	PAVCTH
	R8305	D1BA6201A023	M 6.2 KOHM, F.1/16 W	1	PAVCTH
	R8306	D0GA243JA023	M 24K OHM J 0.063W	1	
	R8418	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R8438	D1HY1038A012	NETWORK RESISTER	1	PAVCTH
	R8441	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R8601	D0GA101JA023	M 100 OHM, J,1/16W	1	
	R8602	D0GA101JA023	M 100 OHM, J,1/16W	1	
	R8603	D0GA101JA023	M 100 OHM, J,1/16W	1	
	R8604	D0GA101JA023	M 100 OHM, J,1/16W	1	
	R8605	D0GA101JA023	M 100 OHM, 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	
	R8609	D1BA6491A023	M 6.49 KOHM, F.1/16 W	1	PAVCTH
	R8610	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R8615	D0GA105JA023	M 1M OHM, J,1/16W	1	
	R8616	D0GA101JA023	M 100 OHM, J,1/16W	1	
	R8617	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R8618	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R8621	D0GA103JA023	M10KOHM, J.1/16 W	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	EXB2HV103JV	M 10 KOHM 1/16 W	1	
	R8632	D1HY5604A012	NETWORK RESISTER	1	PAVCTH
	R8634	D1HY5604A012	NETWORK RESISTER	1	PAVCTH
	R8635	D1HY1014A022	NETWORK RESISTER	1	PAVCTH
	R8636	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R8638	D1BA3742A023	M 37.4 KOHM, F.1/16 W	1	PAVCTH
	R8639	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R8640	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R8653	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R8681	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R8692	D0GFR00J0005	M 0 OHM, J,1/3W	1	
	R8696	D0GA101JA023	M 100 OHM, J,1/16W	1	
	R8699	D0GA101JA023	M 100 OHM, J,1/16W	1	
	R8701	D1HYR004A024	NETWORK RESISTER	1	(D) (K) (M) (P) (S) PAVCTH
	R8741	D0GA390JA023	M 39 OHM, J,1/16W	1	

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Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R8742	D0GA223JA023	M 22K OHM J 1/16W	1	
	R8746	D1BA6802A023	M 68 KOHM,F.1/16 W	1	PAVCTH
	R8747	D1BA2102A023	M 21KOHM,F.1/16W	1	PAVCTH
	R8751	D0GB563ZA038	M 56KOHM, J,1/10W	1	PAVCTH
	R8752	D0GB103ZA038	M 10K OHM J 1/10W	1	PAVCTH
	R8755	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R8774	D0GA563JA023	M 56KOHM, J,0.063W	1	
	R8775	D0GA473JA023	M 47KOHM, J,1/16W	1	
	R8797	D1BA1200A023	M 120 OHM,F.1/16 W	1	PAVCTH
	R8798	D1BA56R0A023	M 56 OHM,F.1/16 W	1	PAVCTH
	R8813	D0GA473JA023	M 47KOHM, J,1/16W	1	
	R8814	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R8815	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R8816	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R8818	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R8821	D0GA473JA023	M 47KOHM, J,1/16W	1	
	R8823	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R8824	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R8830	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R8841	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R8909	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R8910	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R8914	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R8915	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R8916	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R8917	D1HY1034A012	NETWORK RESISTER	1	PAVCTH
	R8921	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R8972	D1HY6808A012	NETWORK RESISTER	1	PAVCTH
	R9035	D0GA103JA023	M10KOHM, J.1/16 W	1	
	R9044	D0GB202ZA038	M 2 KOHM 1/10W	1	PAVCTH
	R9045	D0GB122ZA038	M 1.2 KOHM 1/10W	1	PAVCTH
	R9105	D0GA473JA023	M 47KOHM, J,1/16W	1	
	R9198	D1HY1014A022	NETWORK RESISTER	1	PAVCTH
	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	
	R9208	D1HY4704A012	NETWORK RESISTER	1	PAVCTH
	R9209	D1HY4708A012	NETWORK RESISTER	1	PAVCTH
	R9247	D0GA470JA023	M 47 OHM, J,1/16W	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	D0GB162JA072	M 1.6 KOHM J 1/10W	1	PAVCTH
	R9325	D0GB162JA072	M 1.6 KOHM J 1/10W	1	PAVCTH
	R9326	D0GB162JA072	M 1.6 KOHM J 1/10W	1	PAVCTH
	R9327	D0GB162JA072	M 1.6 KOHM J 1/10W	1	PAVCTH
	R9329	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R9330	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R9400	D1HY1038A012	NETWORK RESISTER	1	PAVCTH
	R9401	D1HY1038A012	NETWORK RESISTER	1	PAVCTH
	R9503	D0GA473JA023	M 47KOHM, J,1/16W	1	
	R9533	D1HY1034A012	NETWORK RESISTER	1	PAVCTH
	R9534	D1HY1034A012	NETWORK RESISTER	1	PAVCTH
	R9535	D1HY4704A012	NETWORK RESISTER	1	PAVCTH
	R9599	D0GA473JA023	M 47KOHM, J,1/16W	1	
	R9608	D1HY4708A012	NETWORK RESISTER	1	PAVCTH
	R9610	D1HY4704A012	NETWORK RESISTER	1	PAVCTH
	R14901	D0GD220JA052	M 22 OHM,J,1/8W	1	
	R14911	D0GB103JA065	M 10K OHM J 1/10W	1	
	R14944	D0GD100JA052	M 10 OHM,J,1/8W	1	

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Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R14949	D0GD203JA052	M 20KOHM,J,1/8W	1	
	R14950	D0GB103JA065	M 10K OHM J 1/10W	1	
	R14960	D1H84704A041	NETWORK RESISTER	1	PAVCTH
	R14961	D0GD271JA052	M 270 OHM,J,1/8W	1	
	R14962	D0GD271JA052	M 270 OHM,J,1/8W	1	
	R14963	D0GD271JA052	M 270 OHM,J,1/8W	1	
	R14965	D0GD271JA052	M 270 OHM,J,1/8W	1	
	R14975	D1H84704A041	NETWORK RESISTER	1	PAVCTH
	R16401	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16402	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16411	D1BD2700A066	M 270KOHM,F.1/8W	1	PAVCTH
	R16412	D1BD2700A066	M 270KOHM,F.1/8W	1	PAVCTH
	R16413	D0GB331JA065	M330 OHM J 1/10W	1	
	R16414	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16416	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16421	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16422	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16432	D0D22R2JA021	W 2.2 OHM,J,2W	1	PAVCTH
	R16441	D0GF5R6JA047	M 5.6 OHM,J, 1/3W	1	
	R16451	D0GF5R6JA047	M 5.6 OHM,J, 1/3W	1	
	R16471	D0GB203JA065	M 20KOHM J 1/10W	1	
	R16472	D0GB222JA065	M 2.2KOHM,J,1/10W	1	
	R16473	D0GD561JA052	M 560 OHM,J,1/8W	1	
	R16474	D0GB102JA065	M 1KOHM,J,1/10W	1	
	R16475	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R16476	D0GB222JA065	M 2.2KOHM,J,1/10W	1	
	R16490	D1BD1203A147	M 120KOHM,F.1/8 W	1	PAVCTH
	R16491	D1BD1203A147	M 120KOHM,F.1/8 W	1	PAVCTH
	R16492	D1BD1203A147	M 120KOHM,F.1/8 W	1	PAVCTH
	R16493	D1BD1822A147	M 18.2KOHM,F.1/8W	1	PAVCTH
	R16501	D0GB220JA065	M 22 OHM J 1/10W	1	
	R16503	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16505	D0GF102JA048	M 1.0 KOHM,J,1/3W	1	
	R16509	D0GF102JA048	M 1.0 KOHM,J,1/3W	1	
	R16522	D0GB221JA065	M 220 OHM J 1/10W	1	
	R16534	D0GF911JA048	M 910 OHM,J,1/4W	1	PAVCTH
	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	PAVCTH
	R16542	D0GF393JA047	M 39 KOHM,J, 1/3W	1	PAVCTH
	R16543	D0GD103JA052	M 10KOHM,J,1/8W	1	
	R16545	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16561	D1H84704A041	NETWORK RESISTER	1	PAVCTH
	R16562	D1H84704A041	NETWORK RESISTER	1	PAVCTH
	R16563	D1H84704A041	NETWORK RESISTER	1	PAVCTH
	R16564	D0GB470JA065	M 47 OHM,J,1/10W	1	
	R16581	D0GB223JA065	M 22KOHM,J,1/10W	1	
	R16583	D0GD222JA052	M 2.2KOHM,J,1/8W	1	
	R16587	D0GB222JA065	M 2.2KOHM,J,1/10W	1	
	R16590	D0GB221JA065	M 220 OHM J 1/10W	1	
	R16601	D0GF1R0JA047	M 1 OHM,J,1/3W	1	
	R16602	D0GB220JA065	M 22 OHM J 1/10W	1	
	R16604	D0GD331JA052	M 330 OHM,J,1/8W	1	
	R16607	D1BB2262A073	M 22.6KOHM,F.1/10W	1	PAVCTH
	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	D1BB5110A073	M 511 OHM, 1/10W	1	PAVCTH
	R16616	D1BB3921A073	M3.92KOHM, 1/10W	1	PAVCTH
	R16618	D0GB100JA065	M 10 OHM J 1/10W	1	
	R16619	D0GF150JA047	M 15 OHM,J, 1/3W	1	

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Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R16621	D0GD561JA052	M 560 OHM, J, 1/8W	1	
	R16622	D0GD561JA052	M 560 OHM, J, 1/8W	1	
	R16658	D1BD9091A147	M 9.09KOHM, F.1/8W	1	PAVCTH
	R16661	D0GD100JA059	M 10 OHM, J, 1/4W	1	
	R16663	D1BD9091A147	M 9.09KOHM, F.1/8W	1	PAVCTH
	R16665	D0GD222JA052	M 2.2KOHM, J, 1/8W	1	
	R16666	D1BB1003A074	M 100 KOHM, F.1/10 W	1	PAVCTH
	R16674	D0GF102JA047	M 1.0 KOHM, J, 1/3W	1	
	R16675	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16676	D1BD2700A066	M 270KOHM, F.1/8W	1	PAVCTH
	R16678	D0GF102JA047	M 1.0 KOHM, 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	
	R16685	D1BD1500A066	M 150 OHM, F.1/8 W	1	PAVCTH
	R16686	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16696	D0D22R2KA008	W 2.2 OHM, K, 2W	1	PAVCTH
	R16761	D0GD100JA059	M 10 OHM, J, 1/4W	1	
	R16763	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R16772	D0GB472JA065	M 4.7KOHM, J, 1/10W	1	
	R16773	D0GD102JA052	M 1.0KOHM, J, 1/8W	1	
	R16776	D0GD470JA052	M 47 OHM, J, 1/8W	1	
	R16786	D1BD5492A066	M54.9KOHM, F.1/8W	1	PAVCTH
	R16815	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16821	D0GD104JA052	M 100KOHM, J, 1/8W	1	
	R16822	D1BD8202A066	M 750KOHM, F.1/8W	1	PAVCTH
	R16823	D1BD6982A066	M69.8KOHM, F.1/8W	1	PAVCTH
	R16824	D1BD3652A066	M36.5KOHM, F.1/8W	1	PAVCTH
	R16825	D0GD104JA052	M 100KOHM, J, 1/8W	1	
	R16826	D0GB472JA065	M 4.7KOHM, J, 1/10W	1	
	R16829	D0GB102JA065	M 1KOHM, J, 1/10W	1	
	R16831	D1BD6812A147	M 68.1KOHM, F.1/8W	1	PAVCTH
	R16832	D1BD7152A147	M 71.5KOHM, F.1/8W	1	PAVCTH
	R16833	D0GF683JA048	M 68 KOHM, J, 1/4W	1	PAVCTH
	R16834	D0GF683JA048	M 68 KOHM, J, 1/4W	1	PAVCTH
	R16835	D0GF683JA048	M 68 KOHM, J, 1/4W	1	PAVCTH
	R16836	D0GF683JA048	M 68 KOHM, J, 1/4W	1	PAVCTH
	R16841	D0GB472JA065	M 4.7KOHM, J, 1/10W	1	
	R16842	D0GD102JA052	M 1.0KOHM, J, 1/8W	1	
	R16844	ERA6YEB242	M 2.4KOHM, B 1/10W	1	
	R16845	D1BD6982A147	M69.8KOHM, D.1/10W	1	PAVCTH
	R16846	D1BD6042A147	M60.4KOHM, D.1/10W	1	PAVCTH
	R16847	D1BD6492A147	M 64.9KOHM, F.1/8W	1	PAVCTH
	R16851	D0GB474JA065	M 470KOHM, J, 1/10W	1	
	R16852	D0GB474JA065	M 470KOHM, J, 1/10W	1	
	R16856	D0GB102JA065	M 1KOHM, J, 1/10W	1	
	R16873	ERA6YEB242	M 2.4KOHM, B 1/10W	1	
	R16891	D1BF5762A098	M 57.6KOHM, 1/4W	1	PAVCTH
	R16892	D1BF5902A098	M 59KOHM, 1/4W	1	PAVCTH
	R16893	D1BF5902A098	M 59KOHM, 1/4W	1	PAVCTH
	R16894	D1BB1211A074	M1.21KOHM, D1/10W	1	PAVCTH
	R16895	D1BB7871A074	M 7.87 KOHM, F.1/10W	1	PAVCTH
	R16896	D1BF5902A098	M 59KOHM, 1/4W	1	PAVCTH
	R16897	D1BB3922A073	M39.2KOHM, 1/10W	1	PAVCTH
	R16898	D1BB5231A073	M 5.23 KOHM, F.1/10W	1	PAVCTH
	R16899	D1BB5231A073	M 5.23 KOHM, F.1/10W	1	PAVCTH
	R16900	D1BB1182A073	M11.8KOHM, 1/10W	1	PAVCTH
	R16901	D1BB2801A073	M2.8KOHM, 1/10W	1	PAVCTH
	R16902	D0GB6R2JA065	M 6.2 OHM J 1/10W	1	
	R16921	D1BB4991A073	M 4.99 KOHM, F.1/10W	1	PAVCTH
	R16922	D1BB2152A073	M 21.5 KOHM, F.1/10 W	1	PAVCTH
	R16937	D0GB184JA065	M 180KOHM J 1/10W	1	

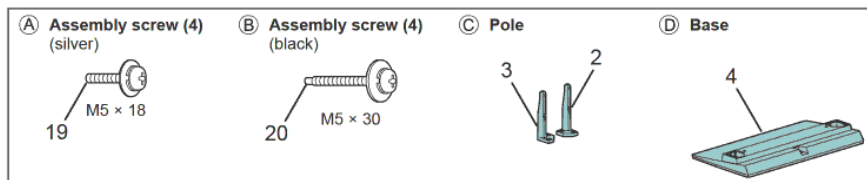
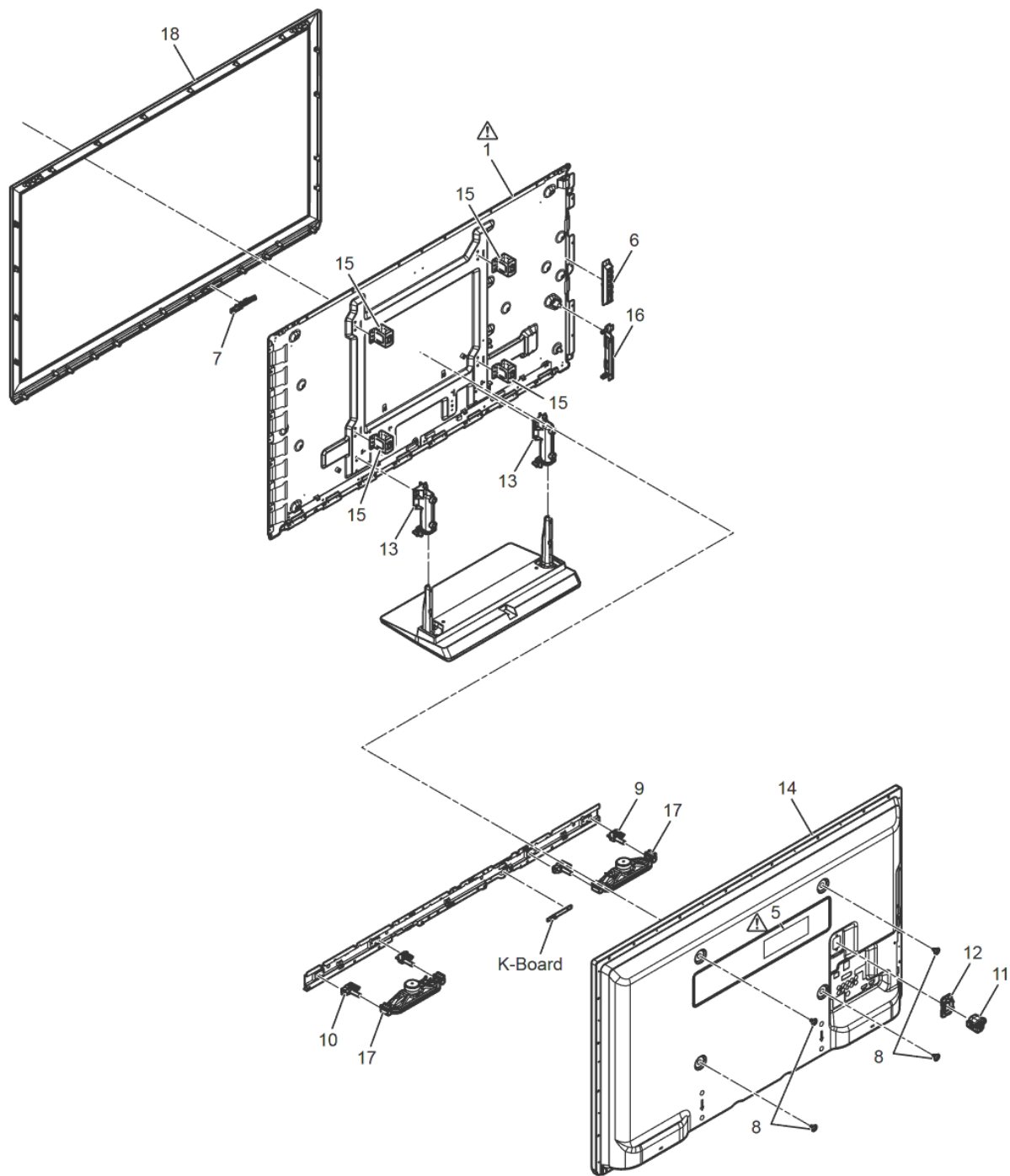
Model No. : TH-P42X50D/K/M/P/S/Z Parts List

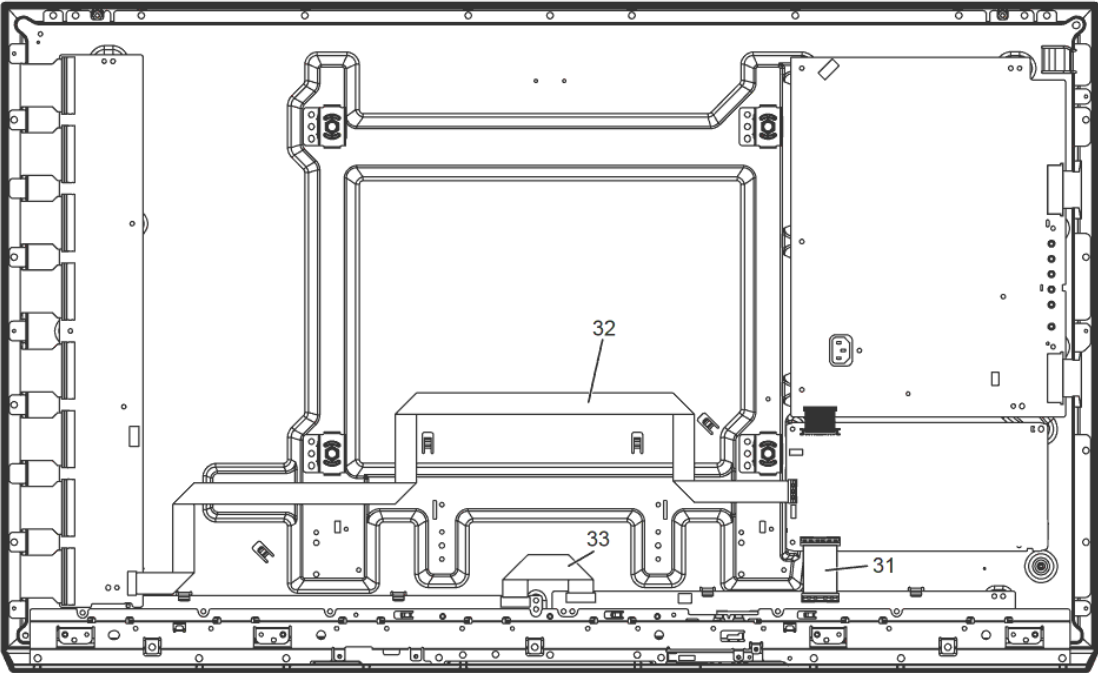
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	R16939	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R16940	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R16945	D0GB471JA065	M 470 OHM,J,1/10W	1	
	R16946	D0GB221JA065	M 220 OHM J 1/10W	1	
	R16947	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R16948	D0GB471JA065	M 470 OHM,J,1/10W	1	
	R17101	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17102	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17103	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17104	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17105	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17106	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17107	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17108	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17131	D0GF1R0JA047	M 1 OHM,J,1/3W	1	
	R17133	D0GF1R0JA047	M 1 OHM,J,1/3W	1	
	R17135	D0GF1R0JA047	M 1 OHM,J,1/3W	1	
	R17137	D0GF1R0JA047	M 1 OHM,J,1/3W	1	
	R17161	D1H84704A041	NETWORK RESISTER	1	PAVCTH
	R17162	D0GB470JA065	M 47 OHM,J,1/10W	1	
	R17169	D1H84704A041	NETWORK RESISTER	1	PAVCTH
	R17175	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17176	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17177	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17178	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17197	D0GB331JA065	M330 OHM J 1/10W	1	
	R17198	D0GD224JA052	M 220KOHM,J,1/8W	1	
	R17199	D0GD151JA059	M 150 OHM,J,1/4W	1	
	R17201	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17202	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17203	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17204	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17205	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17206	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17207	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17208	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17213	D0GF1R0JA047	M 1 OHM,J,1/3W	1	
	R17215	D0GF1R0JA047	M 1 OHM,J,1/3W	1	
	R17227	D0GF1R0JA047	M 1 OHM,J,1/3W	1	
	R17229	D0GF1R0JA047	M 1 OHM,J,1/3W	1	
	R17261	D1H84704A041	NETWORK RESISTER	1	PAVCTH
	R17262	D0GB470JA065	M 47 OHM,J,1/10W	1	
	R17267	D1H84704A041	NETWORK RESISTER	1	PAVCTH
	R17271	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17272	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17273	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17274	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17275	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17276	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17277	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17278	D1BB49R9A073	M 49.9 OHM,F.1/10W	1	PAVCTH
	R17298	D0GD224JA052	M 220KOHM,J,1/8W	1	
	R17299	D0GD151JA059	M 150 OHM,J,1/4W	1	
	RM2810	B3RBB0000018	REMOTE SENSOR	1	
	SN2	K1KY04C00001	4P CONNECTOR	1	PAVCTH
	SN20	K1MY30BA0345	30P CONNECTOR	1	
	SN21	K1MY96BA0342	96P CONNECTOR	1	
	SN22	K1MY96BA0342	96P CONNECTOR	1	
	SN23	K1MY96BA0342	96P CONNECTOR	1	
	SN24	K1MY96BA0342	96P CONNECTOR	1	

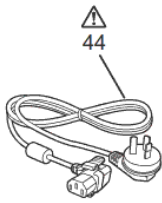
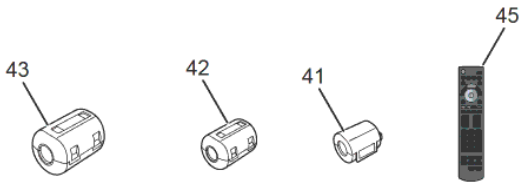
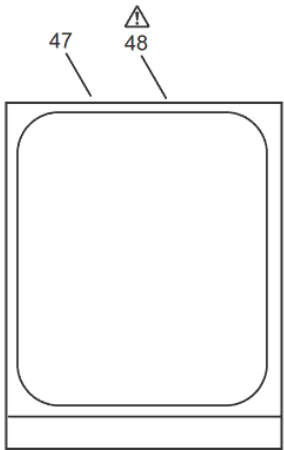
Model No. : TH-P42X50D/K/M/P/S/Z Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	SN25	K1MY96BA0342	96P CONNECTOR	1	
	SN26	K1MY96BA0342	96P CONNECTOR	1	
	SN27	K1MY96BA0342	96P CONNECTOR	1	
	SN28	K1MY96BA0342	96P CONNECTOR	1	
	SN2810	B3JB00000116	IC	1	
	T16471	G4DYA0000253	SWITCHING TRANS	1	
	T16472	G4DYA0000252	SWITCHING TRANS	1	
	TU4801	ENGST7302D5F	TUNER	1	(Z) (S)
	TU4801	ENGST9301D5RF	TUNER	1	(D) (K) (M) (P)
	X8300	H0J245500113	CRYSTAL	1	
	X8600	H0J250500109	CRYSTAL	1	
	X9300	H0J200500076	CRYSTAL	1	
	ZA16401	K4AZ01D00004	TERMINAL	1	

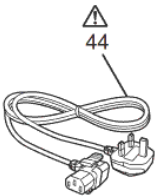
Model No. : TH-P42X50D/K/M/P/S/Z Exploded View 1



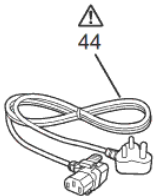




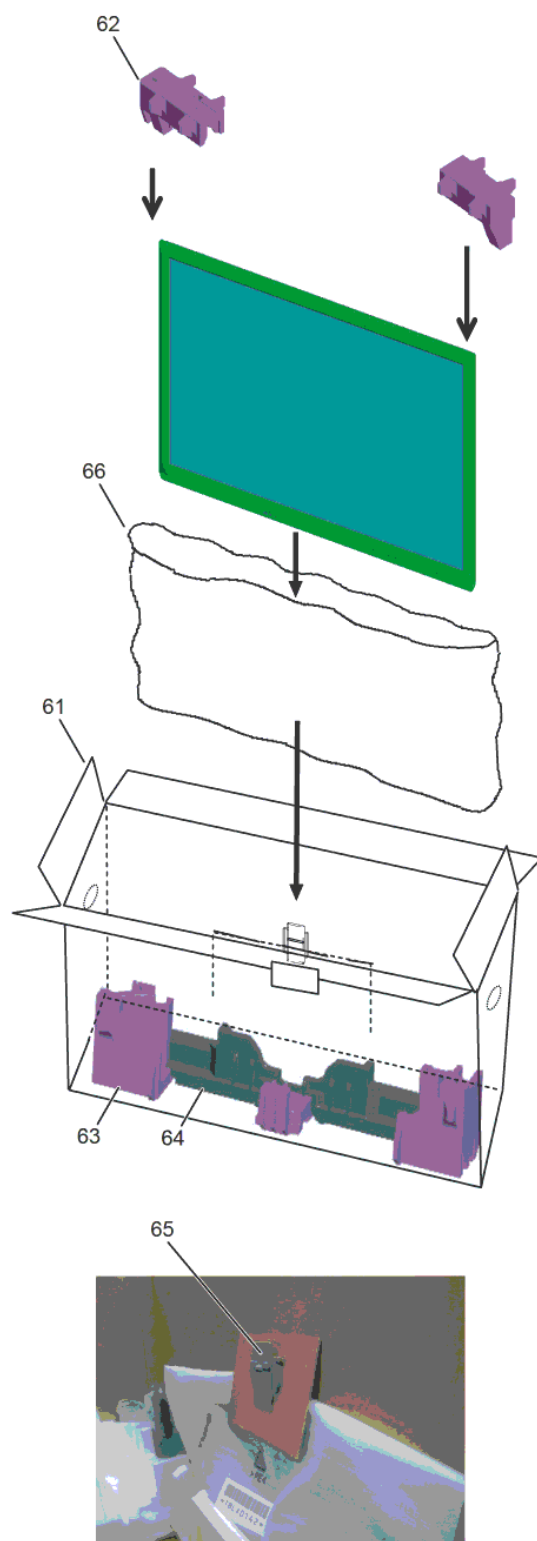
Z series



K/M/P/S series



D series



Model No. : TH-P42X50D/K/M/P/S/Z Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	41	J0KG00000011	FERRITE CORE	1	(Z)
	43	J0KG00000146	FERRITE CORE PACK FOR LAN CABLE	1	(Z)
	44	K2CK3YY00065	AC_CORD	1	(Z) PAVCTH
	44	K2CT3YY00061	AC_CORD	1	(K) (M) (S) PAVCTH
	44	K2CT3YY00062	AC_CORD	1	(P) PAVCTH
	44	K2CZ3YY00042	AC_CORD	1	(D) PAVCTH
	1	MD42H15C2T	PLASMA DISPLAY PANEL	1	PAVCTH
	45	N2QAYB000603	REMOTE CONTROL	1	(D) (K) (M) (P) PAVCTH
	45	N2QAYB000604	REMOTE CONTROL	1	(Z) (S) PAVCTH
		T4FP1505Q	TAPE	1	PAVCTH
	2	TBL5ZA3310	STAND POLE L	1	PAVCTH
	3	TBL5ZA3311	STAND POLE R	1	PAVCTH
	4	TBL5ZX0441	PEDESTAL STAND	1	PAVCTH
	5	TBM4TC3221	NAME PLATE	1	(M) PAVCTH
	5	TBM4TC3231	NAME PLATE	1	(Z) PAVCTH
	5	TBM4TC3261	NAME PLATE	1	(S) PAVCTH
	5	TBM4TC3291	NAME PLATE	1	(K) PAVCTH
	5	TBM4TC3311	NAME PLATE	1	(D) PAVCTH
	5	TBM4TC3321	NAME PLATE	1	(P) PAVCTH
	6	TBX5ZA01501	KEY BUTTON	1	PAVCTH
	20	THE3DL001N	SCREW 5X30	4	PAVCTH
		THEC1509	SCREW(HDMI:2 TU_SH:4)	6	chap. 7.2.3.(2)
		THEJ036J	SCREW(K:1)	1	
		THEL0239	SCREW(AC_CODE:2)	2	
		THEL052Z	SCREW	4	
		THTD030J	SCREW(BC:24 STA_BRA-CONTACT_METAL:1)	25	chap. 7.2.3.(1)
	7	TKK5ZC50271	LED PANEL	1	PAVCTH
	8	TKKL5493	M8 CAP	4	chap. 7.2.3.(4)
		TMK4TH017	SPONGE	1	PAVCTH
		TMKK497	RUBBER(IC8000)	1	PAVCTH
		TMME268	CLAMPER	1	
	9	TMW4TX001	SP BRACKET L	2	
	10	TMW4TX002	SP BRACKET R	2	
	11	TMXX073	AC CORD CLAMPER A	1	PAVCTH
	12	TMXX074	AC CORD CLAMPER B	1	PAVCTH
	13	TMZ4TX5013	STAND BRACKET	2	PAVCTH
	61	TPC4TA11601	CARTON BOX	1	(Z) (K) (M) (P) (S) PAVCTH
	61	TPC4TA11602	CARTON BOX	1	(D) PAVCTH
	62	TPD4TA01791	TOP CUSHION	1	(Z) (K) (S) PAVCTH
	63	TPD4TA01801	BOTTOM CUSHION	1	(Z) (K) (S) PAVCTH
	64	TPD4TA01821	PEDESTAL CUSHION	1	PAVCTH
	62	TPD4TA01931	TOP CUSHION	1	(D) (M) (P) PAVCTH
	63	TPD4TA01941	BOTTOM CUSHION	1	(D) (M) (P) PAVCTH
	65	TPDX0016-1	JOINT FOR PEDESTAL	1	
	66	TPE4TH001	SET BAG	1	
	47	TPE4TP001	BAG (INSTRUCTION BOOK)	1	PAVCTH
		TPE4TP002	BAG FOR AC CORD	1	PAVCTH
		TPE5ZB031	BAG (STAND ACCESSORY)	1	PAVCTH
		TPE5ZB032	BAG (PEDESTAL STAND)	1	PAVCTH
		TPE5ZB033	BAG (STAND POLE)	1	PAVCTH
	48	TQB4TC0224	INSTRUCTION BOOK(ENGLISH)	1	(Z) PAVCTH
	48	TQB4TC0226	INSTRUCTION BOOK(ENGLISH)	1	(S) PAVCTH
	48	TQB4TC0227	INSTRUCTION BOOK(S-CHINESE)	1	(S) PAVCTH
	48	TQB4TC0229	INSTRUCTION BOOK(ENGLISH)	1	(D) (K) (M) (P) PAVCTH
	48	TQB4TC0230	INSTRUCTION BOOK(S-CHINESE)	1	(K) PAVCTH
	48	TQB4TC0233	INSTRUCTION BOOK(ARABIC)	1	(M) (P) PAVCTH
		TQZ5ZH001	SCREW USE HANDBILL	1	PAVCTH
	31	TSCKE0090001	CABLE(A31-C21)	1	PAVCTH
	32	TSCKZ0040001	CABLE(A20-SN20)	1	PAVCTH
	33	TSCLZ0010004	CABLE(C10-C20)	1	PAVCTH
	14	TTU4TA0323	REAR COVER	1	(M) PAVCTH

Model No. : TH-P42X50D/K/M/P/S/Z Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	14	TTU4TA0324	REAR COVER	1	(Z) PAVCTH
	14	TTU4TA0327	REAR COVER	1	(S) PAVCTH
	14	TTU4TA0330	REAR COVER	1	(K) PAVCTH
	14	TTU4TA0332	REAR COVER	1	(D) PAVCTH
	14	TTU4TA0333	REAR COVER	1	(P) PAVCTH
	15	TUX5ZA0131	M8 NUT METAL	4	PAVCTH
	16	TUX5ZE0136	SIDE SHIELD METAL	1	PAVCTH
	17	TXFEA01QTUA	SPEAKER L/R ASSY	2	PAVCTH
		TXFKL5Z0005	TIP-PREVENTION PARTS ASSY	1	(Z) PAVCTH
	18	TXFKY5Z0293A	CABINET ASSY	1	PAVCTH
		TXFQZ02PDUP	CARTON LABEL ASSY	1	(P) PAVCTH
		TXFQZ02PKUD	CARTON LABEL ASSY	1	(D) PAVCTH
		TXFQZ02PKUM	CARTON LABEL ASSY	1	(M) PAVCTH
		TXFQZ02PLUS	CARTON LABEL ASSY	1	(S) PAVCTH
		TXFQZ02PQUK	CARTON LABEL ASSY	1	(K) PAVCTH
		TXFQZ02QQUZ	CARTON LABEL ASSY	1	(Z) PAVCTH
		TXJA12RJUU-1	SPEAKER LEAD (A12-SPR/SPL)	1	PAVCTH
		XTB4+8GFJ	SCREW (CAB-MO:2)	2	
		XTV3+8GFJK	SCREW	2	chap. 7.2.3.(3)
		XYN3+J10FJ	SCREW	8	
		XYN4+E6FJ	SCREW (INLET:1)	1	
		XYN4+F8FJ	SCREW (M8_MTL:4)	4	
	19	XYN5+F18FN	SCREW 5X18	4	
	42	J0KG00000036	FERRITE CORE FOR USB CABLE	1	(Z) PAVCTH