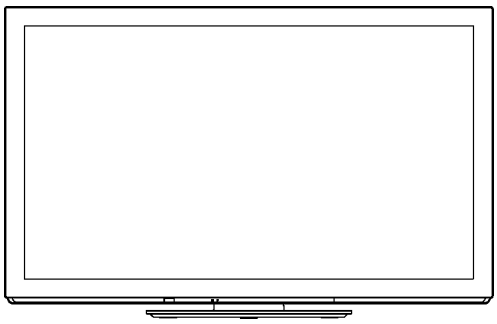
ORDER NO.PCZ1105098CE

Service Manual

Plasma Television



Model No. TX-P55VT30B
TX-P55VT30Y

GPF14D-E Chassis

⚠ WARNING

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

IMPORTANT SAFETY NOTICE

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

Panasonic®

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1 Safety Precautions

1.1. General Guidelines

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

1.2. Touch-Current Check

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

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

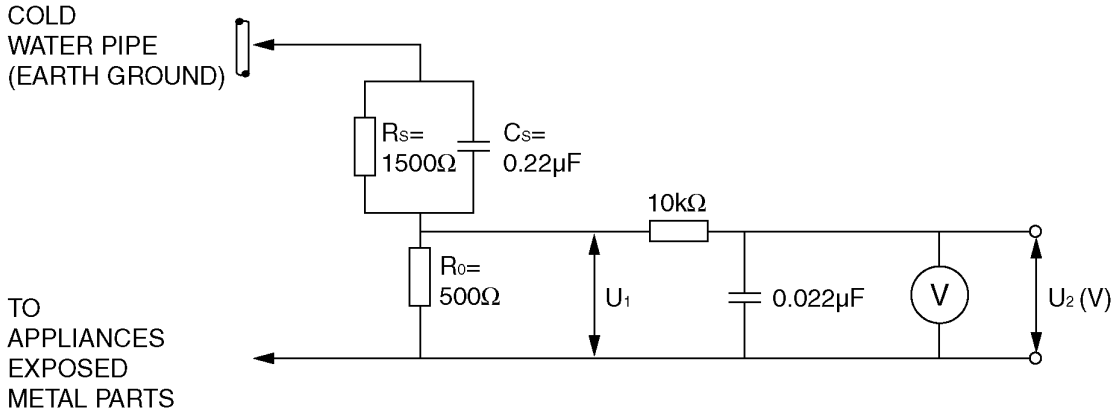
   For d. c.: U_1 = 1.0 V,

   Note:

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

   The limit value U_1 = 35 V (peak) for a. c. correspond to the value 70 mA (peak) a. c. for frequencies greater than 100 kHz.
7. In case a measurement is out of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

Measuring network for TOUCH CURRENTS



Resistance values in ohms (Ω)

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

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

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

Figure 1

2 Warning

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

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

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

   Caution

   Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise ham less motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

2.2. About lead free solder (PbF)

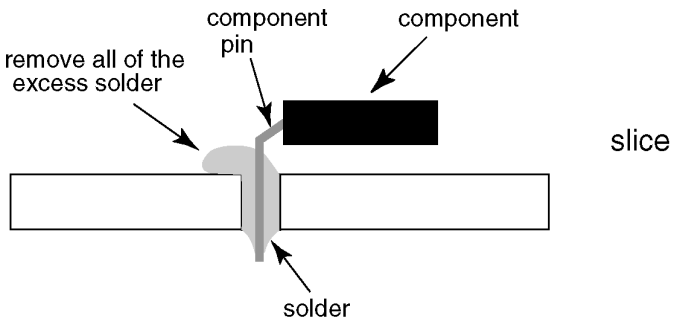
Note: Lead is listed as (Pb) in the periodic table of elements.
In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.
The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).
That is Tin (Sn), Silver (Ag) and Copper (Cu) although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

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

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

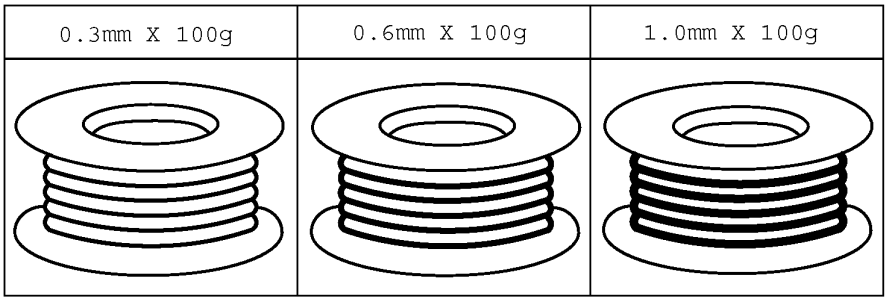
Caution

- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).
  If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



Suggested Pb free solder

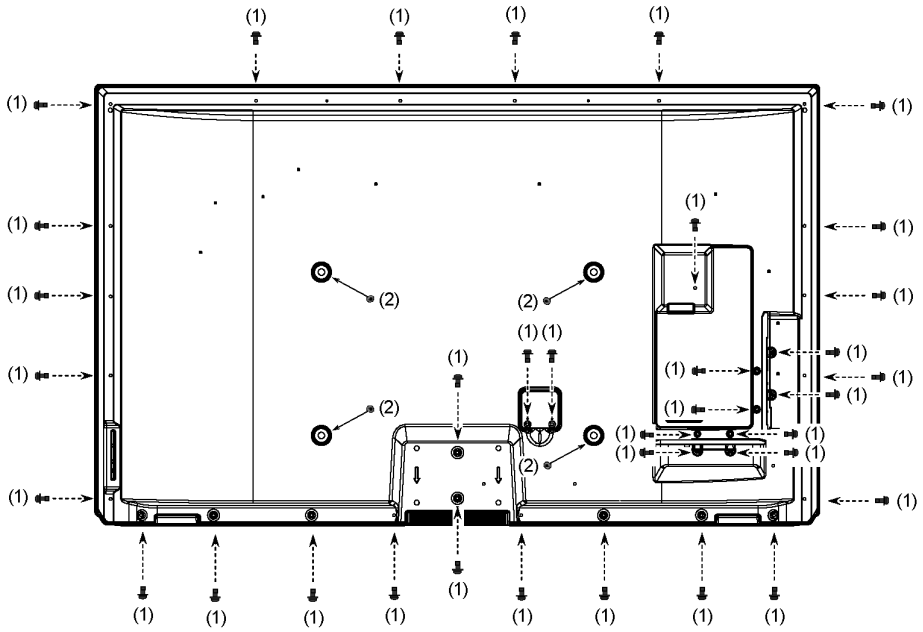
There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.



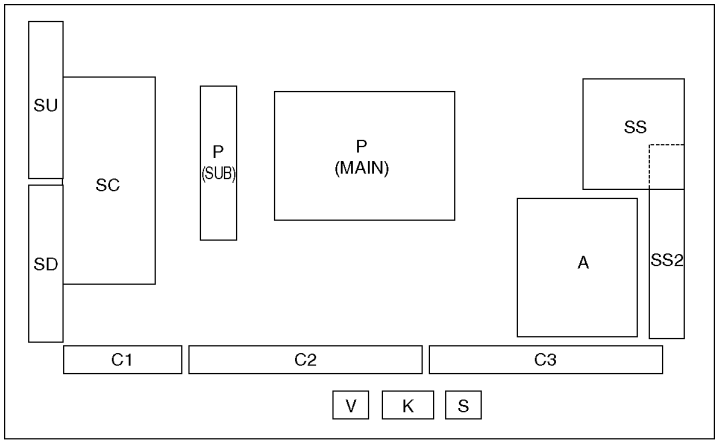
3 Service Navigation

3.1. PCB Layout

Remove the Rear cover



Remove:
35screws (1) THEJ0409
4screws (2) TKKL5493



Board Name	Function	Board Name	Function
P(MAIN)	Power Supply Non serviceable. P(MAIN)-Board should be exchange for service.	C1	Data Driver (Lower Right)
		C2	Data Driver (Lower Center)
		C3	Data Driver (Lower Left)
P(SUB)	Power Supply Non serviceable P(SUB)-Board should be exchange for service	SC	Scan Drive
		SS	Sustain Drive
		SS2	Sustain out (Lower)
A	Main AV input, processing	SU	Scan out (Upper) Non serviceable. SU-Board should be exchanged for service.
K	Remote receiver, Power LED, C.A.T.S sensor		
S	Power Switch		
V	3D Eyewear transmitter	SD	Scan out (Lower) Non serviceable. SD-Board should be exchanged for service.

3.2. Applicable signals

COMPONENT (Y, P_B, P_R), HDMI

* Mark: Applicable input signal

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

PC (from HDMI terminal)

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

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

Note

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

4 Specifications

■ **TV**

Power Source	AC 220-240 V, 50 / 60 Hz	
Power Consumption		
Rated Power Consumption	430 W	
On mode Average Power Consumption (Y)	222 W (based on IEC 62087 Ed.2 measurement method)	
Standby Power Consumption	0.30 W 30.00 W (With monitor out recording)	
Display panel		
Aspect Ratio	16:9	
Visible screen size	140 cm (diagonal) 1,221 mm (W) × 686 mm (H)	
Number of pixels	2,073,600 (1,920 (W) × 1,080 (H)) [5,760 × 1,080 dots]	
Sound		
Speaker	Front speaker (180 mm × 25 mm) × 2, Woofer (ϕ 80 mm) × 1	
Audio Output	22 W (6 W + 6 W + 10 W)	
Headphones	M3 (3.5 mm) stereo mini Jack × 1	
Receiving Systems / Band name (UK)	**DVB-S / S2 (freesat Other Sat.) :**	freesat services via Satellite dish input. Receiver frequency range - 950 MHz to 2,150 MHz LNB Power and Polarisation - Vertical: +13 V Horizontal: +18 V Current: Max. 500 mA (overload protection) 22 kHz Tone - Frequency: 22 kHz ± 2 kHz Amplitude: 0.6 V ± 0.2 V Symbol Rate - Max. 30 MS/s FEC Mode - 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 Demodulation - QPSK, 8PSK Not available for DiSEqC control.
	DVB-T / T2	Digital terrestrial services.
	PAL I	UHF E21-68
	PAL 525/60	Playback of NTSC tape from some PAL Video recorders (VCR) or NTSC disc playback from DVD player and recorder.
	M.NTSC	Playback from M.NTSC Video recorders (VCR).
	NTSC (AV input only)	Playback from NTSC Video recorders (VCR).
Receiving Systems / Band name (Ireland)	**DVB-S / S2**	Receiver frequency range - 950 MHz to 2,150 MHz LNB Power and Polarisation - Vertical: +13 V Horizontal: +18 V Current: Max. 500 mA (overload protection) 22 kHz Tone - Frequency: 22 kHz ± 2 kHz Amplitude: 0.6 V ± 0.2 V Symbol Rate - Max. 30 MS/s FEC Mode - 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 Demodulation - QPSK, 8PSK Not available for DiSEqC control.
	DVB-T	Digital terrestrial services.
	PAL I	VHF A -J UHF E21-69 CATV S1 - S20 CATV S21 - S41 (Hyperband)
	PAL 525/60	Playback of NTSC tape from some PAL Video recorders (VCR) or NTSC disc playback from DVD player and recorder.
	M.NTSC	Playback from M.NTSC Video recorders (VCR).
	NTSC (AV input only)	Playback from NTSC Video recorders (VCR).

Receiving Systems / Band name (Y)

PAL B, G, H, I, SECAM B, G, SECAM L, L'

VHF E2 - E12	VHF H1 - H2 (ITALY)
VHF A - H (ITALY)	UHF E21 - E69
CATV (S01 - S05)	CATV S1 - S10 (M1 - M10)
CATV S11 - S20 (U1 - U10)	CATV S21 - S41 (Hyperband)

PAL D, K, SECAM D, K

VHF R1 - R2	VHF R3 - R5
VHF R6 - R12	UHF E21 - E69

PAL 525/60	Playback of NTSC tape from some PAL Video recorders (VCR)
M.NTSC	Playback from M. NTSC Video recorders (VCR)
NTSC (AV input only)	Playback from NTSC Video recorders (VCR)
DVB-T / T2	Digital terrestrial services (MPEG2 and MPEG4-AVC(H.264))
DVB-C	Digital cable services (MPEG2 and MPEG4-AVC(H.264))
DVB-S / S2	Digital satellite services (MPEG2 and MPEG4-AVC(H.264))

Receiver frequency range - 950 MHz to 2,150 MHz
LNB Power and Polarisation - Vertical: +13 V
Horizontal: +18 V
Current: Max. 500 mA
(overload protection)
22 kHz Tone - Frequency: 22 kHz ± 2 kHz
Amplitude: 0.6 V ± 0.2 V
Symbol Rate - Max. 30 MS/s
FEC Mode - 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
Demodulation - QPSK, 8PSK
DiSEqC - Version 1.0

- Check the latest information on the available services at the following website. (English only)
  http://panasonic.jp/support/global/cs/tv/

Aerial input	UHF (UK)	VHF / UHF (Ireland/Y)
Operating Conditions		
	Temperature:	0 °C- 35 °C
	Humidity:	20 % - 80 % RH (non-condensing)
Satellite dish input	Female F-type 75 Ω	
Connection Terminals		
AV1 (SCART)	21 Pin terminal (Audio/Video in, Audio/Video out, RGB in, Q-Link)	
AV2 input	VIDEO:	RCA PIN Type × 1 1.0 V [p-p] (75 Ω)
	AUDIO L-R:	RCA PIN Type × 2 0.5 V [rms]
COMPONENT input	Y:	1.0 V [p-p] (including synchronization)
	P_B, P_R:	±0.35 V [p-p]
HDMI1 / 2 / 3 / 4 input	TYPE A Connectors	
	HDMI1 / 3 / 4 :	3D, Content Type, Deep Colour, x.v.Colour™
	HDMI2 :	3D, Content Type, Audio Return Channel, Deep Colour, x.v.Colour™

- This TV supports "HDAVI Control 5" function.

Card slot	SD CARD slot × 1	
	Common Interface slot (complies with CI Plus (Y)) × 1	
ETHERNET	RJ45, IEEE802.3 10BASE-T / 100BASE-TX	
USB 1 / 2 / 3	USB2.0 DC 5 V, Max. 500 mA	
AUDIO OUT	RCA PIN Type × 2	0.5 V [rms] (high impedance)
DIGITAL AUDIO OUT	PCM / Dolby Digital / DTS, Fiber optic	
Dimensions (W × H × D)	1,329 mm × 847 mm × 387 mm (With Pedestal)	
	1,329 mm × 810 mm × 55 mm (TV only)	
Mass	44.5 kg Net (With Pedestal)	
	38.5 kg Net (TV only)	

■ **3D Eyewear**

Dimensions (W × H × D)	170.1 mm × 41.2 mm × 169.8 mm (Without nose pad)
Mass	39 g Net
Lens type	Liquid Crystal Shutter
Usage temperature range	0 °C - 40 °C
Charging power supply	DC 5 V (supplied by USB terminal of a Panasonic TV)
Battery	Lithium-ion polymer rechargeable battery DC 3.7 V, 70 mAh Operation time*: Approx. 30 hours Charging time*: Approx. 2 hours
Materials	Main body: Resin Lens section: Liquid crystal glass

* The battery deteriorates after repeated use, and the operation time eventually becomes short. The figures above are at shipping from the factory, and are not a guarantee of performance.

■ **Wireless LAN Adaptor**

Power supply	DC 5 V (USB powered) 500 mA
Dimensions (W × H × D)	30.00 mm × 10.72 mm × 94.85 mm
Mass	25 g Net
Antenna	Tx 1, Rx 2
Interface	USB 2.0
Standard Compliance	IEEE802.11n / IEEE802.11a / IEEE802.11g / IEEE802.11b
Transmission system	MISO-OFDM system, OFDM system, DSSS system
Frequency Range	IEEE802.11n / IEEE802.11a: 5.150 GHz - 5.725 GHz IEEE802.11g / IEEE802.11b / IEEE802.11n: 2.412 GHz - 2.472 GHz
Transfer rate (standard)*	IEEE802.11n: Tx Max. 150 Mbps, Rx Max. 300 Mbps IEEE802.11g / IEEE802.11a: Max. 54 Mbps IEEE802.11b: Max. 11 Mbps
Access Mode	Infrastructure mode
Security	WPA2-PSK (TKIP/AES) WPA-PSK (TKIP/AES) WEP (64 bit / 128 bit)

*Transfer rates are theoretical values; however, actual communication rate will vary according to communication environment or connected equipment.

Note

- Design and Specifications are subject to change without notice. Mass and Dimensions shown are approximate.
- This equipment complies with the EMC standards listed below.
  EN55013, EN61000-3-2, EN61000-3-3, EN55020, EN55022, EN55024

5 Technical Descriptions

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

5.1.1. General information:

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

5.1.2. Replacement of ICs:

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

5.1.3. Model and Keys:

Model No.	Keys			
	One-to-One (For USB Rec.)	CI Plus	DTCP-IP	WIDEVINE
TX-P55VT30B	Yes	None	Yes	Yes
TX-P55VT30Y	Yes	Yes	Yes	Yes

5.2. USB HDD Recording

5.2.1. General information:

Digital TV programmes can be recorded in USB HDD.
A One-to-One key generated in A-board by SELF CHECK binds TV and USB-HDD for communication.
That key is only one key for them. If the key is difference, TV can not access USB-HDD.

Caution:

New key will be generated by following SELF CHECK and previous TV programmes recorded in USB HDD will not be viewed.

SELF CHECK: While pressing [VOLUME (-)] button on the main unit, press [MENU] button on the remote control for more than 3 seconds.

5.3. Service port (M3 mini Jack) Specifications

The Service port (M3 mini Jack) on the following TVs can use as the RS232C terminal which is a standard computer SERIAL interface.

*This operation system should be used by the certified professional dealer.

PC Control of the TV

- The TV can be controlled by a personal computer when connected through an RS232C/ M3 mini jack conversion cable (not supplied).
- The computer will require software which allows sending and receiving of control data through its SERIAL port.
  Please see required parameters and commands below.

Communication parameters

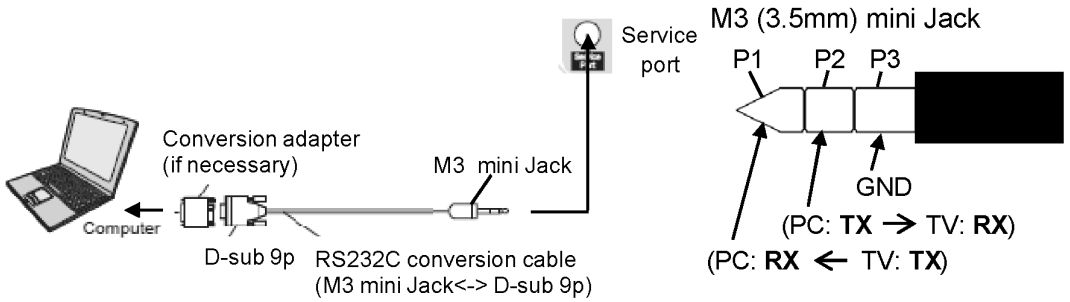
Signal level	RS-232C compliant
Synchronization method	Asynchronous
Baud rate	9600 bps
Parity	None
Character length	8 bits
Stop bit	1 bit
Flow control	-

Basic format for control data

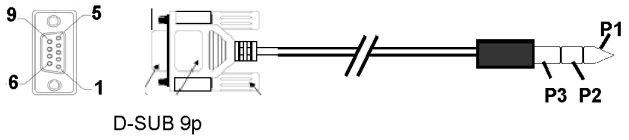
The transmission of control data from the PC starts with a STX signal, followed by the command, the parameters, and lastly an EXT signal in that order. If there are no parameters, then the parameter signal does not need to be sent.

*Please see other side regarding Commands and Parameters.

Connection



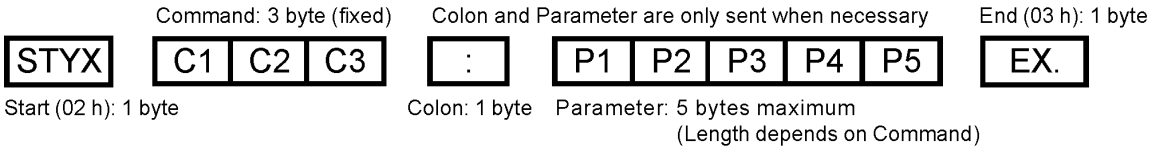
(Recommended connection of D-SUB9p / M3 mini jack conversion cable)



Connection

D-sub 9p (Female)	M3 mini Jack
2	P1
3	P2
5, SHELL	P3

Other pins of D-SUB 9p : Open



Notes:

- With standby mode, this TV responds to "PON" and "QPW" commands only.
- Wait for the response of the first command to come from this unit before sending the next command.
- If multiple commands are transmitted, be sure to keep intervals of 250 m sec.
  Send the command again when the call back command is unusual.
- If an incorrect command is sent by mistake, this TV will send an "ER401" or "ER402" command back to the computer.
- This TV does not respond for 15 seconds when "PON" or "POF" commands are transmitted.
- Send "EXT" commands before sending "IMS:**" commands.
- MUTE commands ("AMT: 0" and "AMT: 1") and "AVL: ***" command are invalid in case of HDMI (CECIL) cooperation.
  However AMT, AUK, AUDI commands is effective. (MUTE rotation (toggle), VOLUME UP and VOLUME DOWN controls are possible.)

Main, Input & Picture Control Command

			Control Command	Inquiry Command	Call back Command	Parameter	note
STANDARD CONTROL	POWER ON		PON	QPW	QPW : *	"0"(OFF)/ "1"(ON)	
	POWER OFF		POF				
	VOL	(level)	AVL: ***	QAV	QAV : ***	"000" - "100"	
		(up)	AUU				
		(down)	AUD				
	MUTE		AMT (Toggle)	QAM	QAM : *	"0"(NO MUTED) / "1"(MUTED)	
			AMT: *				
	ASPECT		DAM: ****	QAS	QAS : ****	"ZOOM"/"FULL"/ "JUST"/"NORM"/ "SELF"/"ZOM2"/ "ZOM3"/"SFUL"/ "14:9"	Except SD mode
			DAM (Toggle)				
INPUT SELECT	CH UP		CHU	--	--	--	
	CH DOWN		CHD	--	--	--	
	TV		IMS : TV	QMI	QMI : **	"TV"	TV network (Toggle)
	Analogue TV		IMS : TVA			"TVA"	
	DVB-T		IMS : TVD			"TVD"	
	DVB-S/Other Sat		IMS : BS1			"BS1"	
	Freesat		IMS : BS2			"BS2"	
	DVB-C		IMS : CAB			"CAB"	
	Component 1		IMS : C1			"C1"	
	Component2		IMS : C2			"C2"	
	Video 1		IMS : V1			"V1"	
	Video 2		IMS : V2			"V2"	
	Video 3		IMS : V3			"V3"	
	S-Video 1		IMS : S1			"S1"	SCART Cable
	S-Video 2		IMS : S2			"S2"	SCART Cable
	HDMI 1		IMS : H1			"H1"	
	HDMI 2		IMS : H2			"H2"	
	HDMI 3		IMS : H3			"H3"	
	HDMI 4		IMS : H4			"H4"	
	PC		IMS : PC			"PC"	
	SD (photo viewer)		IMS : SP			"SP"	
	VIERA CAST		IMS : VC			"VC"	
PICTURE MODE	Vivid (Dynamic)		VPC : VVT	QPC	QPC : ***	"VVT"	
	Standard		VPC : STD			"STD"	
	THX/ True Cinema		VPC : THX			"THX"	THX : Except PC, JPEG, MOVIE & VIERA CAST
	Cinema		VPC : CNM			"CNM"	
	Game		VPC : GAM			"GAM"	
	Photo		VPC : CST			"CST"	Only HDMI, JPEG, MOVIE & VIERA CAST
	Pro1		VPC : PR1			"PR1"	When Advance (isfccc) menu is On. Except VIERA CAST
	Pro2		VPC : PR2			"PR2"	

Else & Remote Controller Key Command

		Control Command	Inquiry Command	Call back Command	Parameter	note
Information		INF				
		--	QIF	QIF : *****	480i 480p 576i 576p 720p 1080i 1080p	
DIRECT CH INPUT	0	ICH : 0	-	-	-	
	1	ICH : 1	-	-	-	
	2	ICH : 2	-	-	-	
	3	ICH : 3	-	-	-	
	4	ICH : 4	-	-	-	
	5	ICH : 5	-	-	-	
	6	ICH : 6	-	-	-	
	7	ICH : 7	-	-	-	
	8	ICH : 8	-	-	-	
	9	ICH : 9	-	-	-	
MENU FUNCTION	MENU	MEN	-	-	-	
	SELECT	SEL	-	-	-	
	RETURN	RTN	-	-	-	
	EXIT	EXT	-	-	-	
	ARROW LEFT	ARL	-	-	-	
	ARROW RIGHT	ARR	-	-	-	
	ARROW UP	ARU	-	-	-	
	ARROW DOWN	ARD	-	-	-	
	OPTION (SUB MENU)	SUB	-	-	-	
	RED	RED	-	-	-	
	GREEN	GRN	-	-	-	
	YELLOW	YEL	-	-	-	
	BLUE	BLU	-	-	-	
	VIERA TOOLS	VTL	-	-	-	

6 Service Mode

6.1. How to enter into Service Mode

6.1.1. Purpose

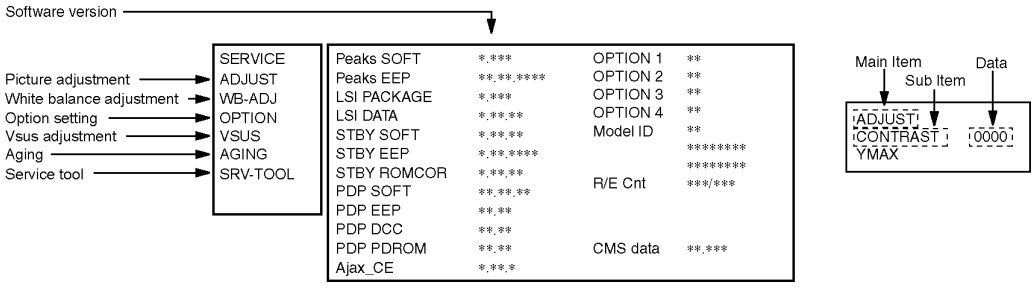
After exchange parts, check and adjust the contents of adjustment mode.

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

Note:

Service Mode can not be entered when 3D signal input.

Input 2D signal to enter Service Mode.



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	000	
	COLOR	3D	
	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	D6	
	G-DRV	FF	
	B-DRV	7D	
	ALL-CUT	80	
	ALL-DRV	FF	
OPTION	Panel-Type	55FHD	Factory Preset
	Boot	ROM	
	STBY-SET	00	
	EMERGENCY	OFF	
	Y/C Delay		
	OPT 1	00110100	
	OPT 2	11101110	
	OPT 3	00000001	
	OPT 4	01010000	
	EDID-CLK	MID	
	MIRROR	00 (See Option-Mirror)	
	AMR-SELECT	OFF	
VSUS		LOW	See Vsus selection
AGING	ALL WHITE		Built-in test patterns can be displayed.
	ALL BLUE WITH WHITE OUTSIDE FRAME		
	ALL GREEN		
	ALL RED		
	LOW STEP WHITE		
	LOW STEP BLUE		
	LOW STEP GREEN		
	LOW STEP RED		
	WHITE DIAGONAL STRIPE		
	RED DIAGONAL STRIPE		
	GREEN DIAGONAL STRIPE		
	BLUE DIAGONAL STRIPE		
	A-ZONE & B-ZONE		
	1% WINDOW		
	COLOR BAR		
	9 POINTS BRIGHT MEASURE		
	2 DOT OUTSIDE FRAME		
	ALL BLUE		
	DOUBLE FIXED 1% WINDOW		
	VERTICAL LINE SCROLL		
	ON/OFF OR WHITE		
	R/G/B/W ROTATION		
	HALF FIXED ALL WHITE		
	ALL WHITE WITH COUNT DISPLAY		
SRV-TOOL			See Service tool mode

Destination	TX-P55VT30B	TX-P55VT30Y
Check sum	9065	9074

6.2. Option - Mirror

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

00

01

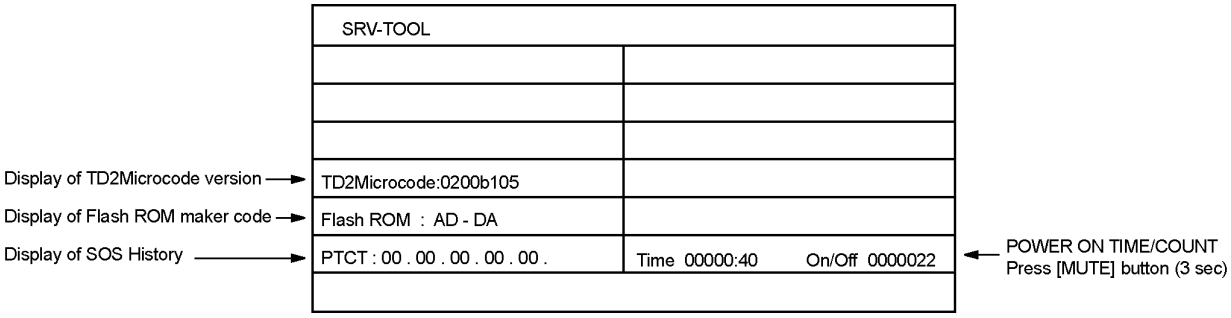
02

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

6.3. Service tool mode

6.3.1. How to access

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



6.3.2. Display of SOS History

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

6.3.3. POWER ON Time, On/Off

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

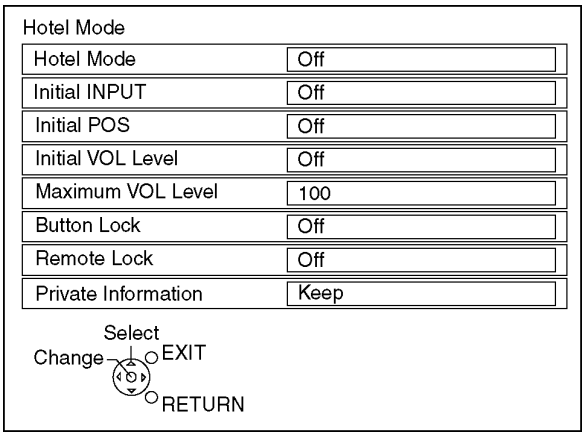
6.3.4. Exit

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

6.4. Hotel mode

1. Purpose
   Restrict a function for hotels.
2. Access command to the Hotel mode setup menu
   In order to display the Hotel mode setup menu:
   While pressing [VOLUME (-)] button of the main unit, press [AV] button of the remote control three times within 2 seconds.

   Then, the Hotel mode setup menu is displayed.



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

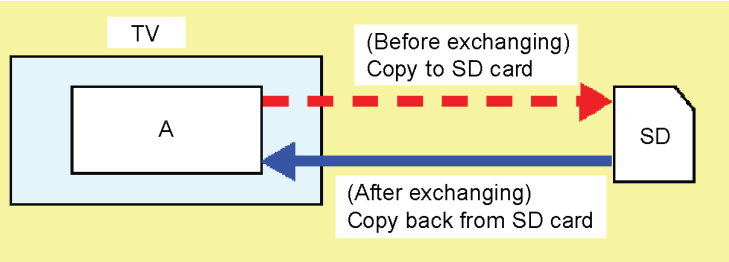
Item	Function
Hotel Mode	Select hotel mode On/Off
Initial INPUT	Select input signal modes. Set the input, when each time power is switched on. Selection : Off/Analogue/DVB(B)/DVB-S(Y)/DVB-C(Y)/DVB-T(Y)/freesat(B)/AV1/AV2/COMPONENT/HDMI1/HDMI2/HDMI3/HDMI4 • Off: give priority to a last memory. However, Euro model is compulsorily set to TV. • AVnS/AVnC: only Euro model selectable
Initial POS	Select programme number. Selection : Off/0 to 99 • Off: give priority to a last memory
Initial VOL Level	Adjust the volume when each time power is switched on. Selection/Range : Off/0 to 100 • Off: give priority to a last memory
Maximum VOL Level	Adjust maximum volume. Range : 0 to 100
Button Lock	Select local key conditions. Selection : Off/SETUP/MENU/ALL • Off: altogether valid • SETUP: only F-key is invalid (Tuning guide (menu) can not be selected.) • MENU: only F-key is invalid (only Volume/Mute can be selected.) • ALL: altogether invalid.
Remote Lock	Select remote control key conditions. Selection : Off/SETUP/MENU • Off: altogether valid • SETUP: only Setup menu is invalid • MENU: Picture/Sound/Setup menu are invalid
Private Information	Select private information for VIERA Cast is Keep or Reset if Hotel mode is set to [On] when TV power on. Selection : Keep/Reset • Keep: private information for VIERA Cast is keep • Reset: private information for VIERA Cast is reset

6.5. Data Copy by SD Card

6.5.1. Purpose

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

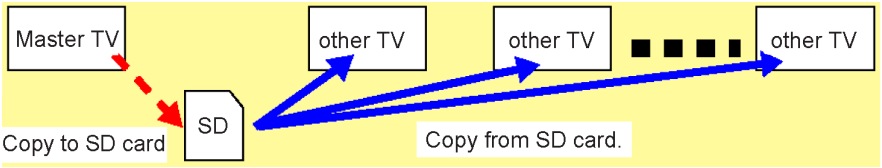
When exchanging A-board, the data in original A-board can be copied to SD card and then copy to new A-board.



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

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

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



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

6.5.2. Preparation

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

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

File name:

(a) For Board replacement : boardreplace.pwd

(b) For Hotel : hotel.pwd

Note:

Please make only one file to prevent the operation error.

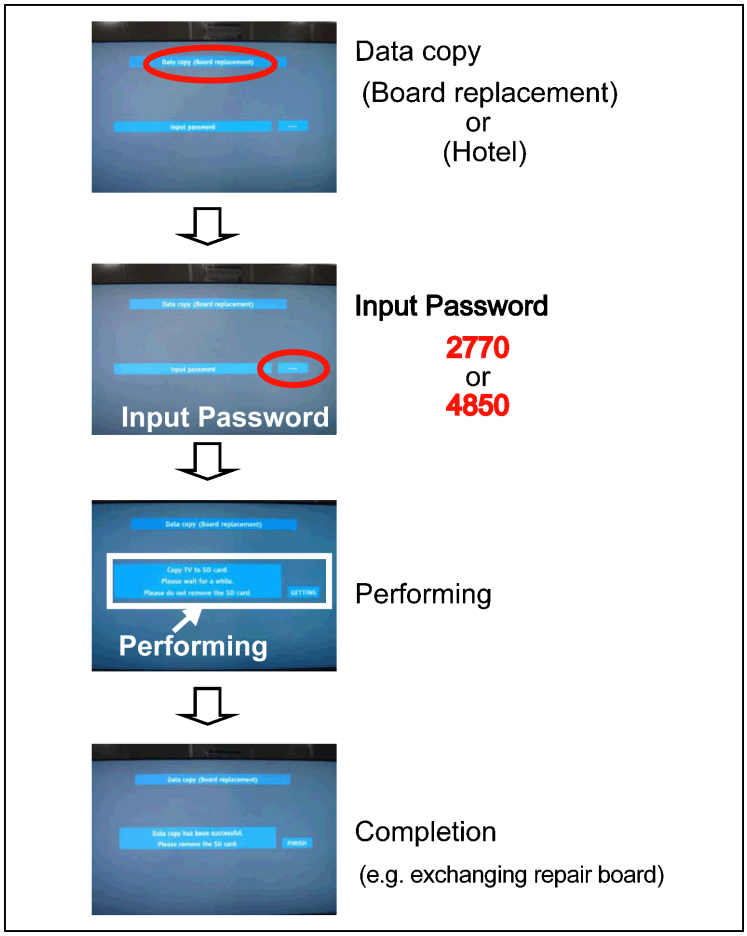
No any other file should not be in SD card.

6.5.3. Data copy from TV set to SD Card

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

Note:

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

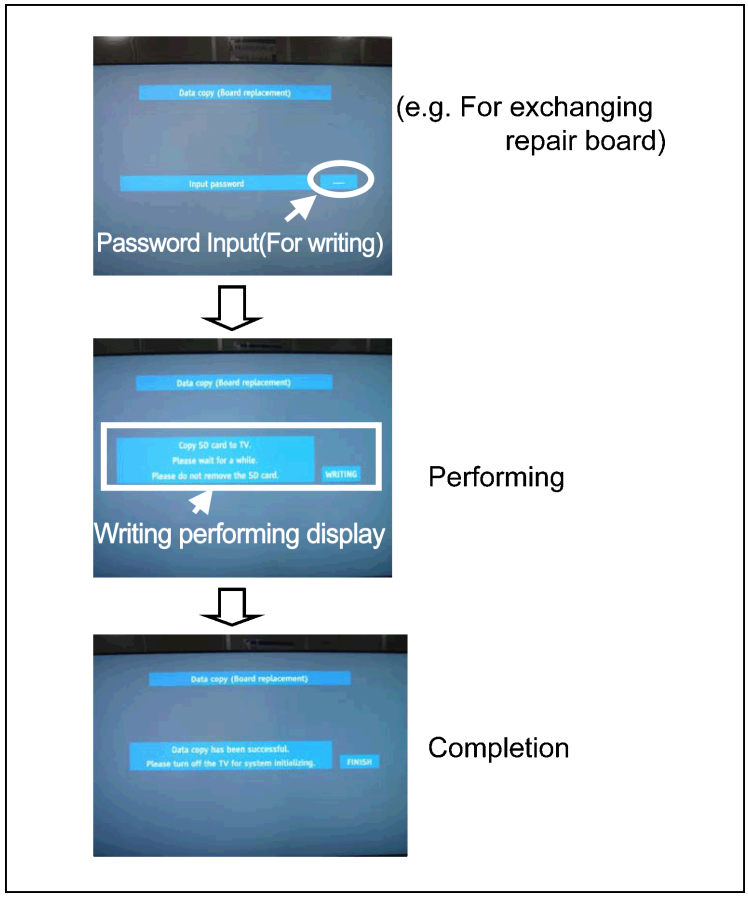


6.5.4. Data copy from SD Card to TV set

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

Note:

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



7 Troubleshooting Guide

Use the self-check function to test the unit.

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

7.1. Check of the IIC bus lines

7.1.1. How to access

7.1.1.1. Self-check indication only:

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

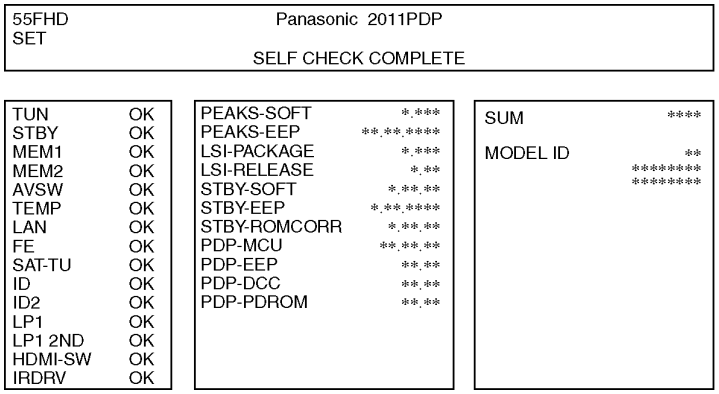
7.1.1.2. Self-check indication and forced to factory shipment setting:

Caution:

New key will be generated and previous TV programmes recorded in USB HDD will not be viewed. (See Chap.5)

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

7.1.2. Screen display



7.1.3. Check Point

Confirm the following parts if NG was displayed.

DISPLAY	Check Ref. No.	Description	Check P.C.B.
TUN	TU6775	TUNER	A-BOARD
STBY	IC8000	PEAKS-LDA3 (STM)	A-BOARD
MEM1	IC8902	PEAKS EEPROM	A-BOARD
MEM2	IC8901	STM EEPROM	A-BOARD
AVSW	IC3001	AUDIO/VIDEO SW	A-BOARD
TEMP	IC2001	TEMP SENSOR	A-BOARD
LAN	IC8601	ETHERPHY	A-BOARD
FE	IC6700	OFDM	A-BOARD
SAT-TU	TU6775	SAT TUNER	A-BOARD
ID			A-BOARD
ID2			A-BOARD
LP1	IC9300	LP1	A-BOARD
LP1 2ND	IC9500	LP1 2ND	A-BOARD
HDMI-SW	IC4700	HDMI SW	A-BOARD
IRDRV	IC5901	IR LED DRIVER	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 LP1 Start SOS	-
3	P+ 3.3V SOS	A-Board
4	Power SOS	P(MAIN)-Board P(SUB)-Board
5	P+ 5V SOS	A-Board
6	Driver SOS1 (SC Energy recovery circuit) (A-SC FPC DET)	SC-Board A-SC FPC
7	Driver SOS2 (SU/SD Connector DET) (SU/SD Scan and Logic IC)	SU-Board SD-Board *
8	Driver SOS3 (SS FPC DET) (SS Energy recovery circuit)	SS-Board SS2-Board SS FPC SS2 FPC
9	Discharge Control SOS	A-Board
10	Sub 5V SOS Sub 3.3V SOS Tuner power SOS	A-Board SC-Board SS-Board P(MAIN)-Board P(SUB)-Board
11	FAN SOS	A-Board FAN
12	Sound SOS	A-Board Speaker Woofer
13	Emergency SOS	A-Board
14	IROM SOS (ROM in Peaks IC)	A-Board P(MAIN)-Board P(SUB)-Board

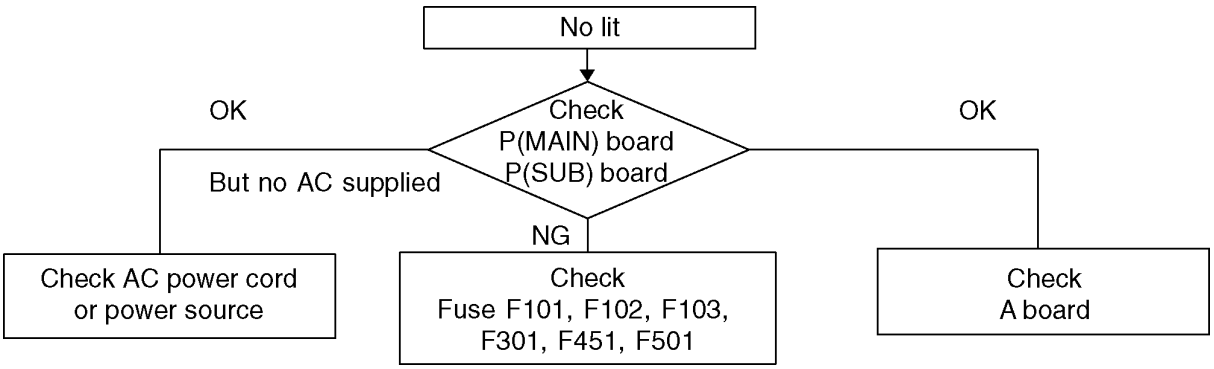
*Use SC jig to isolate the board.

7.3. No Power

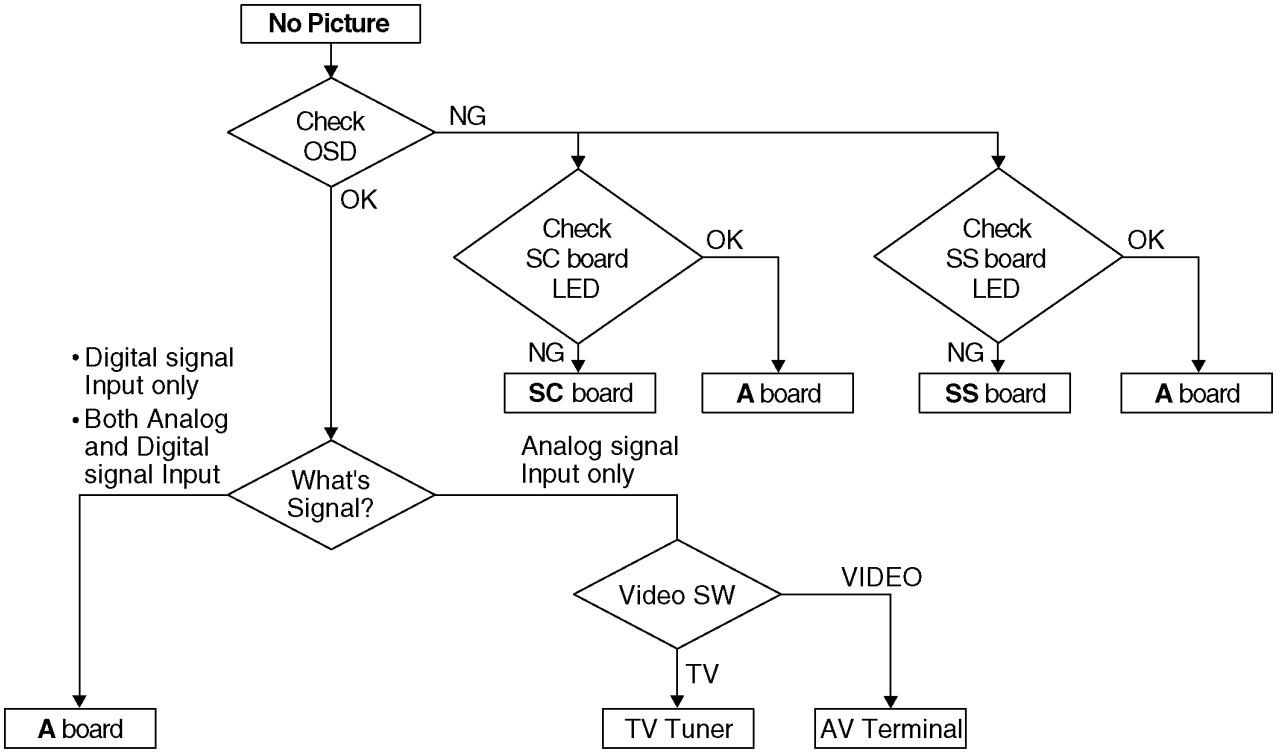
First check point

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

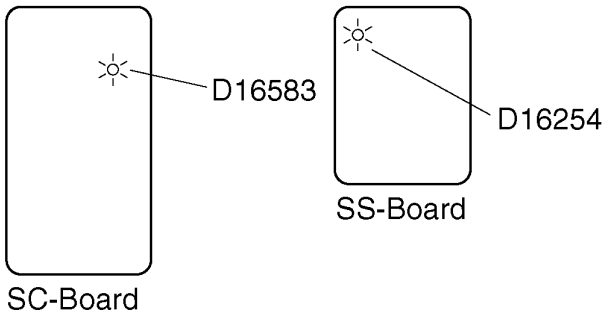
1. No lit.
2. Green is lit then turns red blinking a few seconds later. (See 7.2.)
3. Only red is lit.



7.4. No Picture

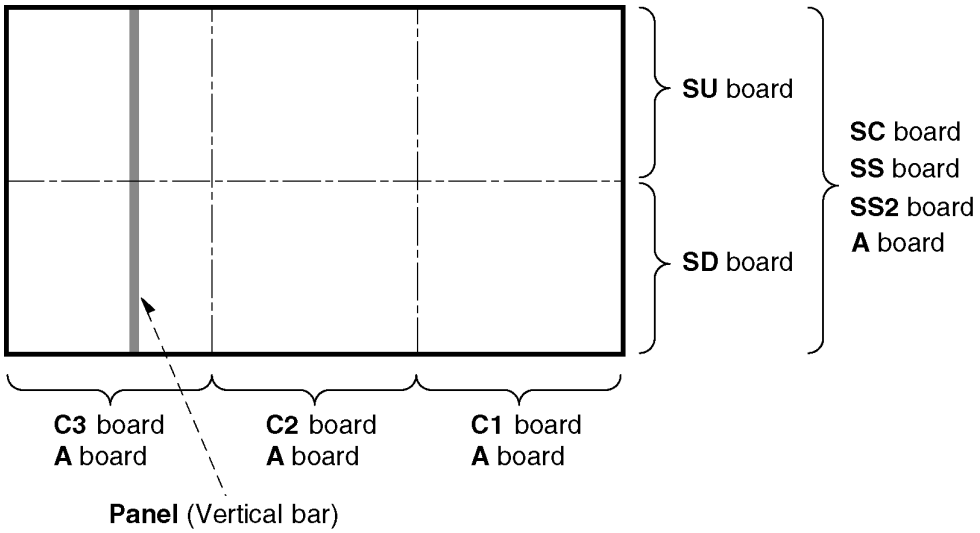


Drive circuits LED indicator



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.



<Local screen failure chart>

Fig-1

8 Service Fixture & Tools

8.1. SC jig

Purpose:

To find the failure board (SC or SU/SD) when the power LED is blinking 7 times.

SC jig:

Jumper connector to connect to SC50 connector on SC board

Part number:

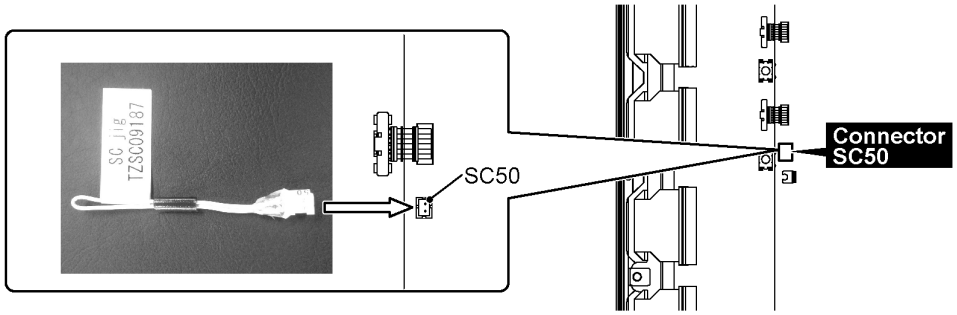
TZSC09187

How to use:

Caution: Remove SC jig from SC board after inspection.

1. Remove all connector between SC board and SU/SD board to isolate SC board from both SU and SD board electrically.
   Note: The board will be damaged if all connector is not removed (for example; remove connector only for SU board and stay connecting with SD board. The board will be damaged.)
2. Connect SC jig to connector SC50 at left bottom side of SC board
3. Turn on the TV/Display Unit and confirm the power LED blinking.
   LED blinking: Possible cause of failure is in SC board
   No LED blinking (Lighting or no lighting): Possible cause of failure is in SU or SD board
4. After inspection, turn off the TV/Display Unit and wait a few minutes to discharge.
5. Remove SC jig from SC board.

Remark: This SC jig can be used for all 2011 Plasma TV and Plasma Display.



9 Disassembly and Assembly Instructions

9.1. Remove the Rear cover

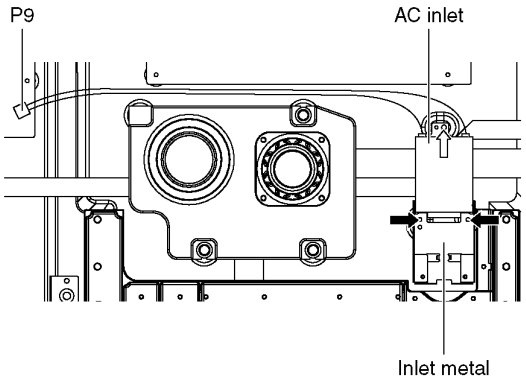
1. See PCB Layout (Section 3)

9.2. Remove the AC inlet

Caution:

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

1. Unlock the cable clampers to free the cable.
2. Disconnect the connector (P9).
3. Remove the screws (×2 ➡) and remove the Inlet metal.
4. Remove the screw (×1 ⇨) and remove the AC inlet.

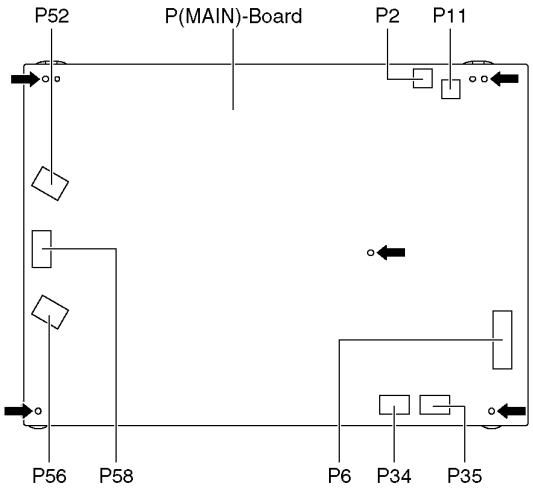


9.3. Remove the P(MAIN)-Board

Caution:

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

1. Unlock the cable clampers to free the cable
2. Disconnect the connectors (P52, P56 and P58)
3. Disconnect the connectors (P2, P6, P11, P34 and P35).
4. Remove the screws (×5 ➡) and remove the P(MAIN)-Board.

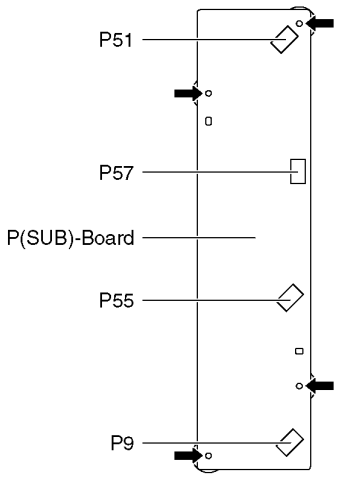


9.4. Remove the P(SUB)-Board

Caution:

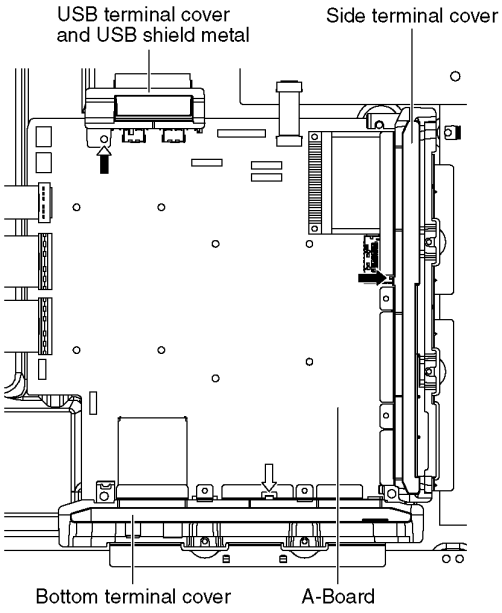
To remove P.C.B. wait 1 minute after power was off for discharge from electrolysis capacitors.

1. Unlock the cable clampers to free the cable.
2. Disconnect the connectors (P51, P55 and P57).
3. Disconnect the connector (P9).
4. Remove the screws (×4 ➡) and remove the P(SUB)-Board.

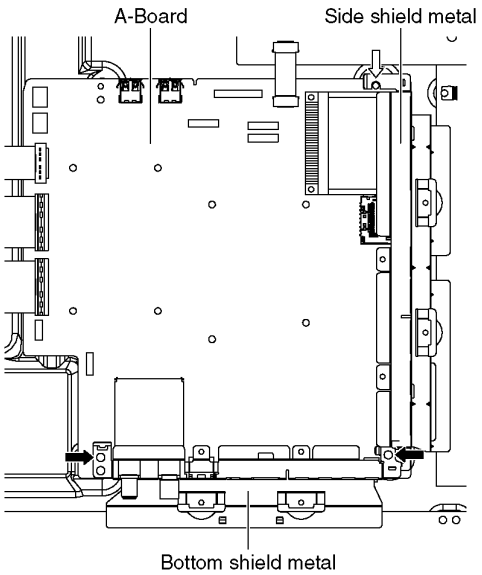


9.5. Remove the Terminal covers and the shield metals

1. Remove the claw (×1 ➡).
2. Remove the Side terminal cover.
3. Remove the claw (×1 ⇨).
4. Remove the Bottom terminal cover.
5. Remove the screw (×1 ➡).
6. Remove the USB terminal cover and USB shield metal.

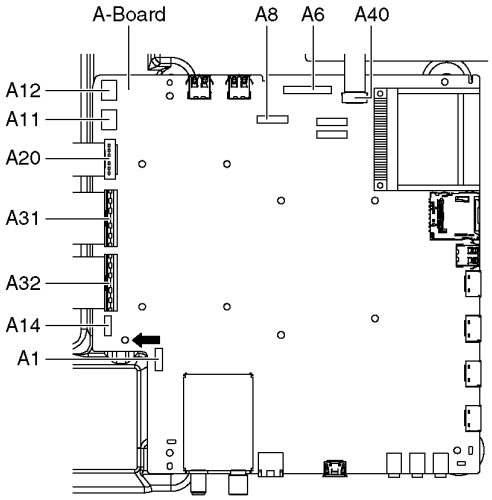


7. Remove the screws (×2 ➡).
8. Remove the Bottom shield metal.
9. Remove the screw (×1 ⇨).
10. Remove the Side shield metal.



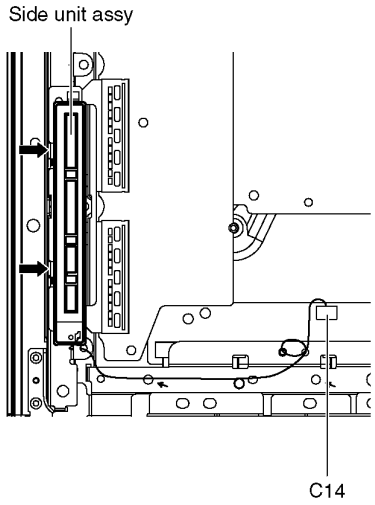
9.6. Remove the A-Board

1. Remove the Terminal covers and the Shield metals. (See section 9.5.)
2. Unlock the cable clampers to free the cable.
3. Disconnect the connectors (A1, A6, A8, A11, A12 and A14).
4. Disconnect the flexible cables (A20, A31, A32 and A40).
5. Remove the screw (×1 ➡) and remove the A-Board.

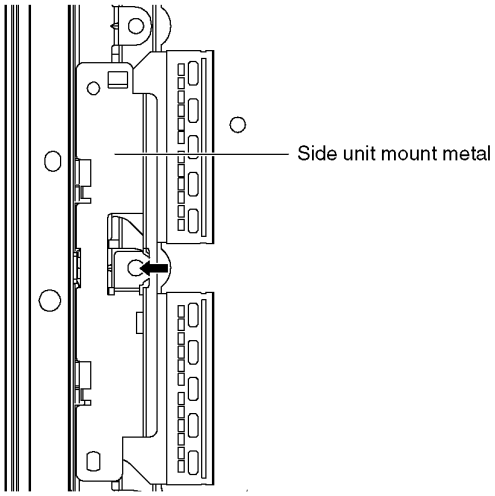


9.7. Remove the Side unit assy

1. Disconnect the connector (C14).
2. Remove the claws (×2 ➡) and remove the Side unit assy.

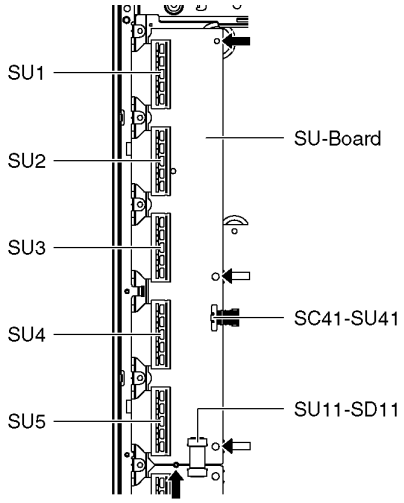


3. Remove the screw (×1 ➡).
4. Remove the Side unit mount metal.



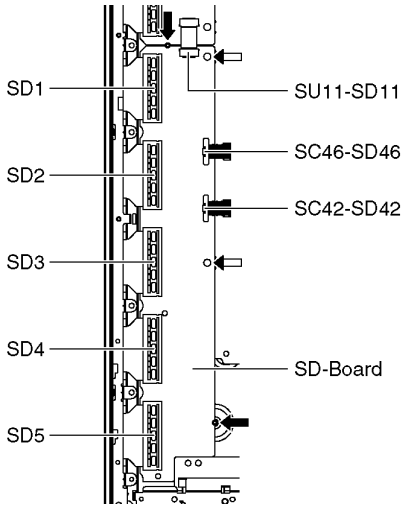
9.8. Remove the SU-Board

1. Disconnect the flexible cables (SU1, SU2, SU3, SU4 and SU5) connected to the SU-Board.
2. Disconnect the flexible cable (SU11-SD11) and the bridge connector (SC41-SU41).
3. Remove the screws (×2 ➡, ×2 ⇨) and remove the SU-Board.



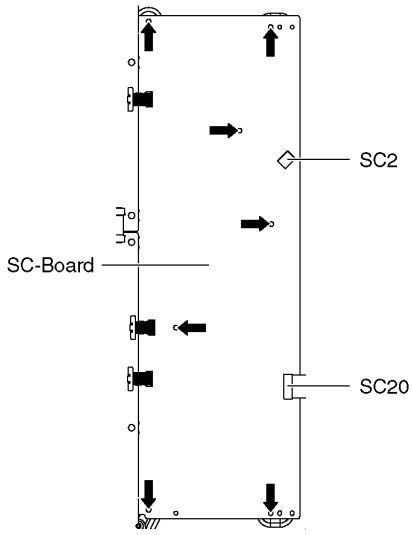
9.9. Remove the SD-Board

1. Disconnect the flexible cables (SD1, SD2, SD3, SD4 and SD5) connected to the SD-Board.
2. Disconnect the flexible cable (SU11-SD11) and the bridge connectors (SC42-SD42 and SC46-SD46).
3. Remove the screws (×2 ➡, ×2 ⇨) and remove the SD-Board.



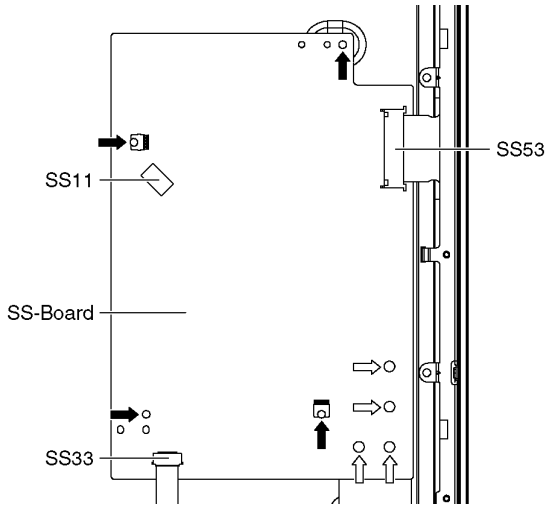
9.10. Remove the SC-Board

1. Remove the SU-Board and SD-Board. (See section 9.8. and 9.9.)
2. Disconnect the connector (SC2).
3. Disconnect the flexible cable (SC20).
4. Remove the screws (×7 ➡) and remove the SC-Board.



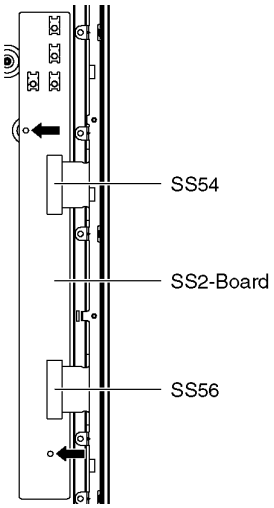
9.11. Remove the SS-Board

1. Disconnect the connector (SS11).
2. Disconnect the flexible cable (SS33).
3. Disconnect the flexible cable (SS53).
4. Remove the screws (×4 ➡, ×4 ⇨) and remove the SS-Board.



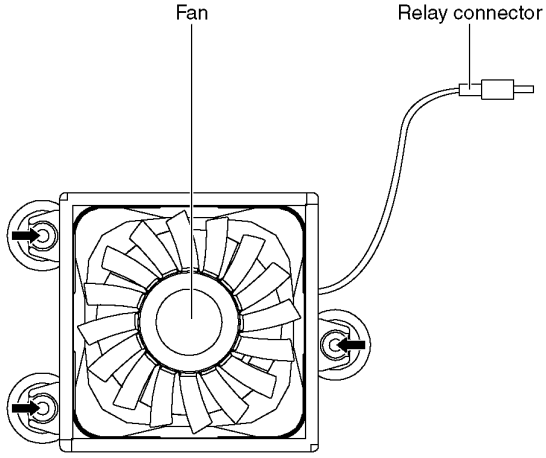
9.12. Remove the SS2-Board

1. Remove the Terminal covers and the Shield metals. (See section 9.5.)
2. Remove the SS-Board. (See section 9.11.)
3. Disconnect the flexible cables (SS54 and SS56).
4. Remove the screws (×2 ➡) and remove the SS2-Board.



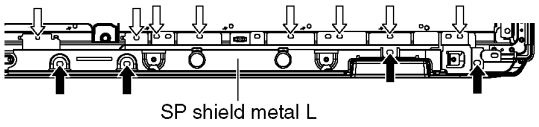
9.13. Remove the Fan

1. Unlock the cable clampers to free the cable.
2. Remove the screws (×3 ➡).
3. Remove the Relay connector and remove the Fan.

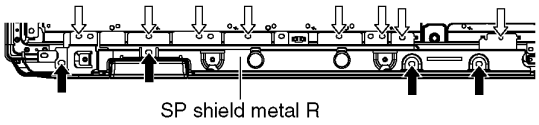


9.14. Remove the Speakers

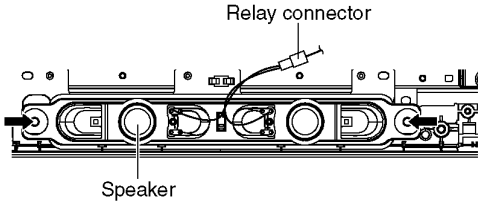
1. Unlock the cable clampers to free the cable.
2. Remove the screws (×4 ➡, ×8 ⇨) and remove the SP shield metal L.



3. Remove the screws (×4 ➡, ×8 ⇨) and remove the SP shield metal R.

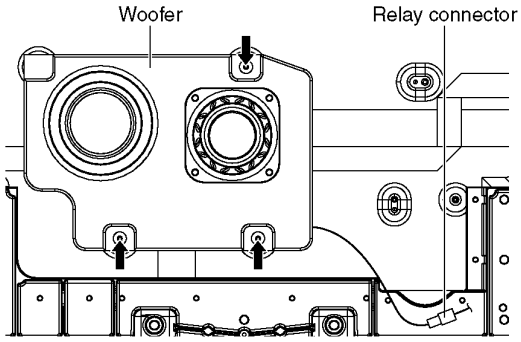


4. Disconnect the Relay connector.
5. Remove the screws (×2 ➡ each) and remove the Speakers (L, R).



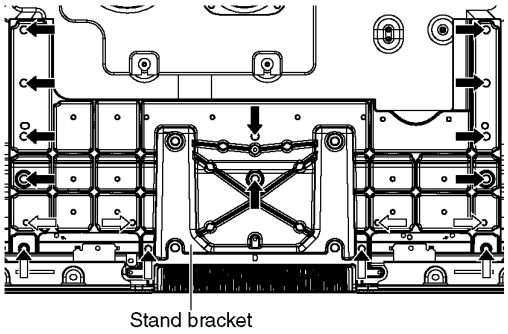
9.15. Remove the Woofer

1. Unlock the cable clampers to free the cable.
2. Disconnect the Relay connector.
3. Remove the screws (×3 ➡) and remove the Woofer.



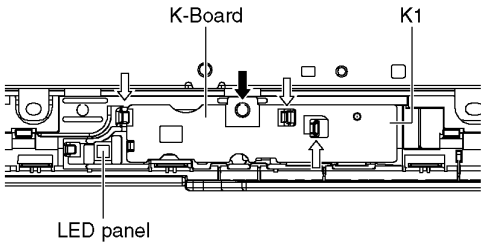
9.16. Remove the Stand bracket

1. Remove the Plasma panel section from the servicing stand and lay on a flat surface such as a table (covered by a soft cloth) with the Plasma panel surface facing downward.
2. Unlock the cable clampers to free cable.
3. Remove the Stand bracket fastening screws (×10 ➡, ×4 ⇨, ×4 ⇨) and the Stand bracket.



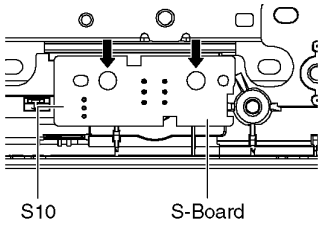
9.17. Remove the K-Board

1. Remove the SP shield metal L. (See section 9.14.)
2. Remove the Stand bracket. (See section 9.16.)
3. Remove the screw (×1 ➡).
4. Remove the claws (×3 ⇨).
5. Disconnect the connector (K1) and remove the K-Board from the LED panel.



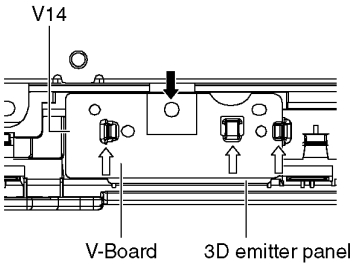
9.18. Remove the S-Board

1. Remove the SP shield metal L. (See section 9.14.)
2. Remove the screws (×2 ➡).
3. Disconnect the connector (S10) and remove the S-Board.



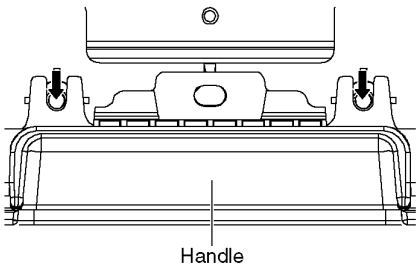
9.19. Remove the V-Board

1. Remove the SP shield metal R. (See section 9.14.)
2. Remove the Stand bracket. (See section 9.16.)
3. Remove the screw (×1 ➡) and remove the claws (×3 ⇨).
4. Disconnect the connector (V14) and remove the V-Board from the 3D emitter panel.



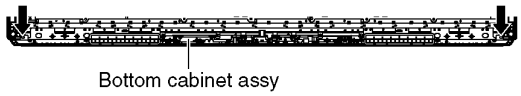
9.20. Remove the Handles

1. Remove the SP shield metal (L, R). (See section 9.14.)
2. Remove the screws (×2 ➡ each) and remove the Handle (L, R).



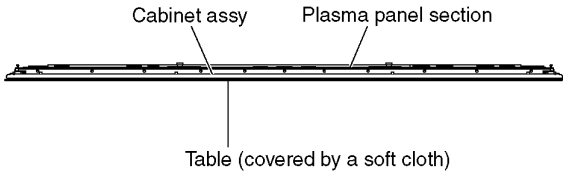
9.21. Remove the Bottom cabinet assy

1. Remove the Speakers. (See section 9.14.)
2. Remove the Stand bracket. (See section 9.16.)
3. Remove the K, S and V-Board. (See section 9.17 - 19.)
4. Remove the Handles. (See section 9.20.)
5. Remove the screws (×2 ➡) and remove the Bottom cabinet assy.

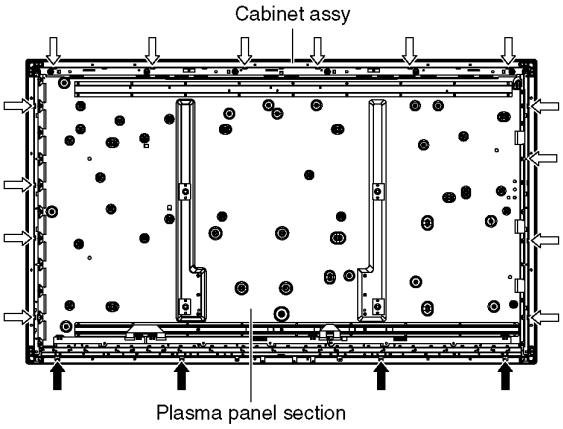


9.22. Remove the Plasma panel section from the Cabinet assy

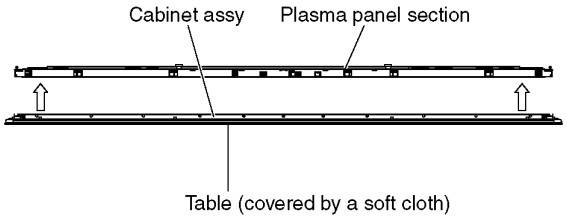
1. Remove the Plasma panel section from the servicing stand and lay on a flat surface such as a table (covered by a soft cloth) with the Plasma panel surface facing downward.



2. Remove the Bottom cabinet assy. (See section 9.21.)
3. Remove the screws (×4 ➡, ×14 ⇨).

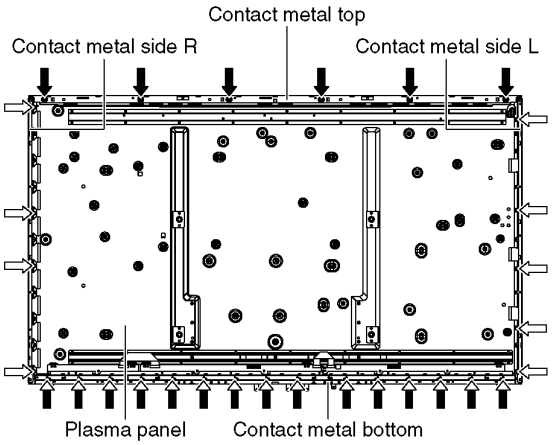


4. Remove the Plasma panel section from the Cabinet assy.



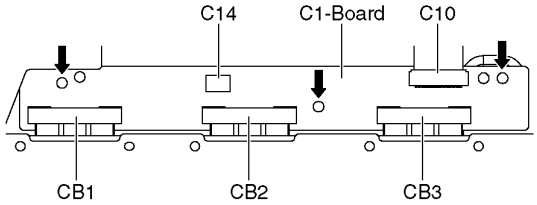
9.23. Remove the Contact metals

1. Remove the Cabinet assy. (See section 9.22.)
2. Remove the Tape from the Contact metals.
3. Remove the screws (×9 ⇨).
4. Remove the Contact metal side (L, R).
5. Remove the screws (×6 ➡).
6. Remove the Contact metal top.
7. Remove the screws (×15 ➡).
8. Remove the Contact metal bottom.



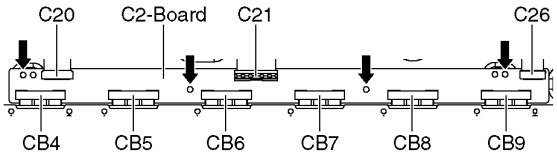
9.24. Remove the C1-Board

1. Remove the Contact metal bottom. (See section 9.23.)
2. Disconnect the flexible cables (CB1, CB2 and CB3).
3. Disconnect the flexible cable (C10).
4. Disconnect the connector (C14).
5. Remove the screws (×3 ➡) and remove the C1-Board.



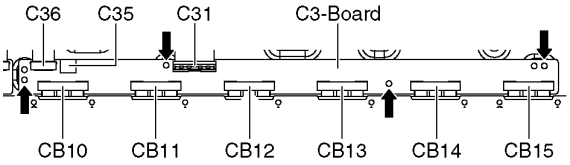
9.25. Remove the C2-Board

1. Remove the Contact metal bottom. (See section 9.23.)
2. Disconnect the flexible cables (CB4, CB5, CB6, CB7, CB8 and CB9).
3. Disconnect the flexible cables (C20, C21 and C26).
4. Remove the screws (×4 ➡) and remove the C2-Board.



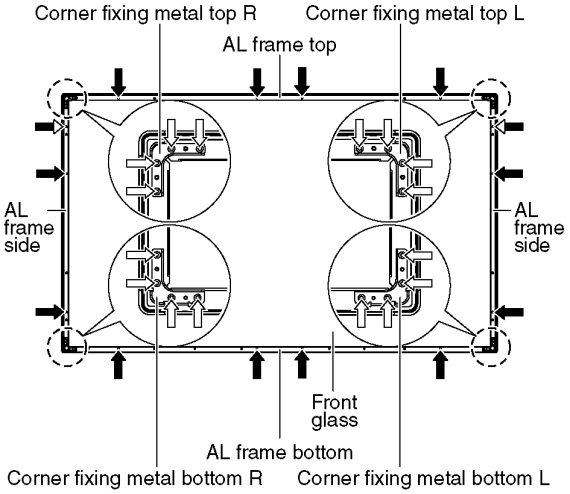
9.26. Remove the C3-Board

1. Remove the Contact metal bottom. (See section 9.23.)
2. Disconnect the flexible cables (CB10, CB11, CB12, CB13, CB14 and CB15).
3. Disconnect the flexible cables (C31 and C36).
4. Disconnect the connector (C35).
5. Remove the screws (×4 ➡) and remove the C3-Board.



9.27. Remove the AL frames

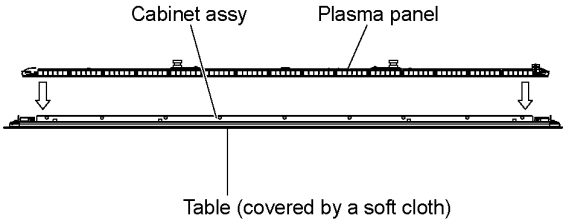
1. Remove the screws (×12 ➡, ×2 ➡) and remove the AL frames.
2. Remove the screws (×4 ⇨ each) and remove the Corner fixing metals.



9.28. Replace the Plasma panel

Caution:

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.



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 metals.

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.

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

10 Measurements and Adjustments

10.1. Adjustment

10.1.1. Vsus selection

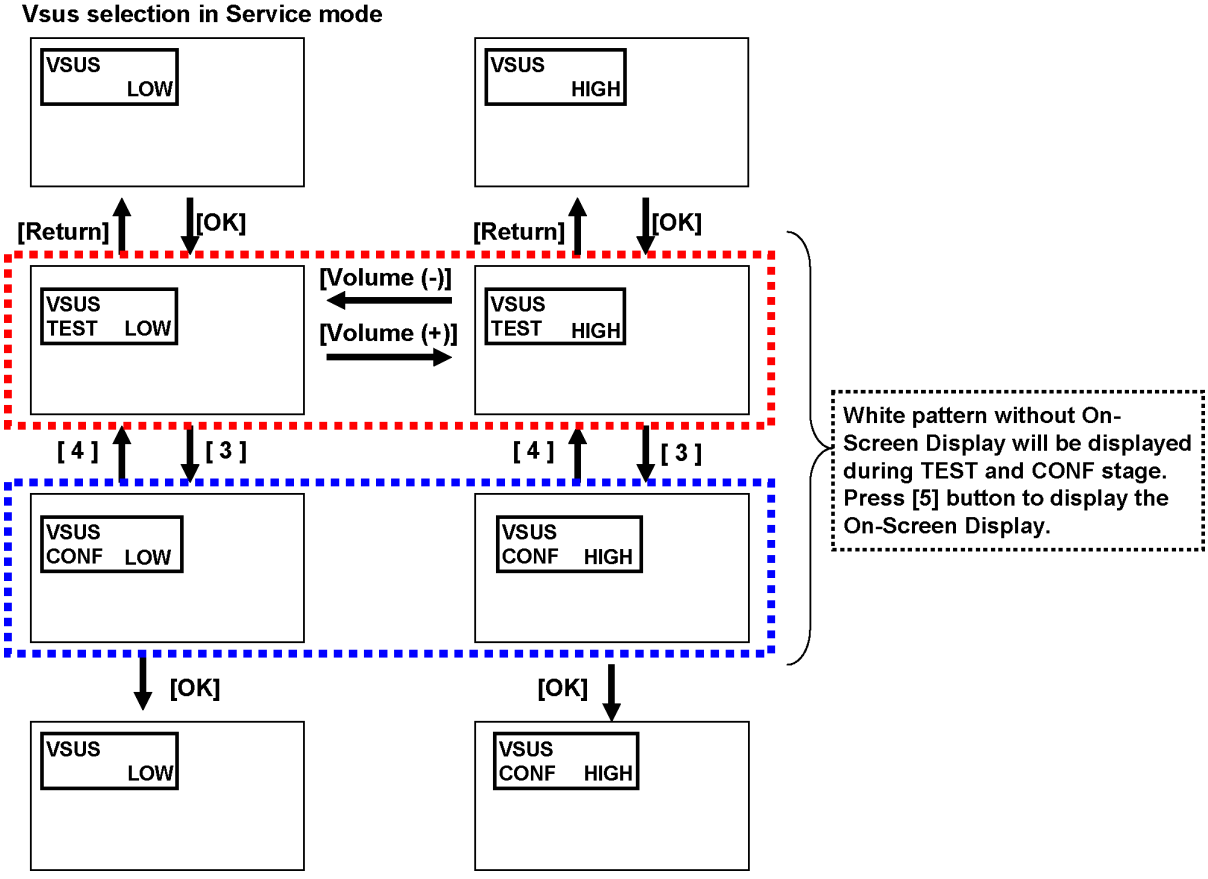
Caution:

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

Procedure

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

Vsus selection in Service mode



10.1.2. Sub-Contrast adjustment

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

Steps	Remarks
Connect IIC cable (bus controller-cable) after banner OSD appear. And after SRQ-L, begin an adjustment 2 seconds later. Adjustment of TV (RF system) **Note:** In adjustment, you must setting to modulation of signal at 80%(B) / 90%(Y). 1. Receive a RF PAL 100% Full White or Split Colour bar shown as below.  2. Goes into service mode. 3. Push a [1] or [2] key, and goes into adjustment mode for [CONTRAST]. Adjustment 1. The colour key yellow button of remote control is pushed. 2. The OSD character of sub-contrast becomes red. (Inside under automatic adjustment) 3. The OSD character of sub-contrast returns to black. When [NG] is displayed, adjustment failure. 4. End.	**Note:** **Sub-contrast adjustment is unadjusted for AV/ HD input.** **But, when needing the adjustment chosen manually, please refer to [alternative method].**

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

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

Table1, Sub-contrast Adustment initial data in Peaks EEPROM

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

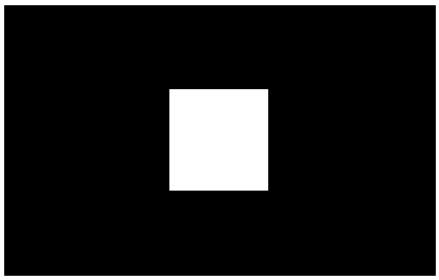
10.1.3. THX white balance adjustment

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

[copy adjustment] : Peaks EEPROM ver.1.00-

[Differential (Normal) + copy + WARM adjustment] : Peaks EEPROM ver.1.-**

Name of measuring instrument	Connection	Remarks
W/ B pattern Color analyzer (Minolta CA-100 or equivalent)	Panel surface	
Steps		**Remarks**
[copy adjustment] **Connect IIC cable (bus controller-cable) after banner OSD appear.** **And after SRQ-L, begin an adjustment 2 seconds later.** • Make sure the front panel to be used on the final set is fitted. • Make sure a color signal is not being shown before adjustment. • Put the color analyzer where there is little color variation. **Note:** Copy Adjustment method in service mode. When you push [OK] key in each item, Adjustment data is copied between HD data and SD data.		Picture menu : Dynamic ASPECT : 16:9 Condition is same at alternative method too.

Steps	Remarks
1. Enter the Service mode. Please receive the Analog-RF. Or, please select CVBS/YUV/HDMI. (No inputting is possible.). (Forbid Analog-RF with no signal.) 2. A number key [1] or [2] are operated and [WB-ADJ] is displayed. Check that the color temp is [COOL]. 3. A number key [0] is operated and select [METHOD 01]. 4. A number key [5] is operated and [INNER PATTERN] is displayed.  [INNER PATTERN] 5. Select [G-CUTOFF] item, using the number-key [3] or [4], and set to [80], using the volume-key [+] or [-]. Also, [B-CUTOFF] and [R-CUTOFF] set to [80]. 6. Set [G-DRIVE] at [D0]. 7. Touch the signal receiver of color analyzer to the INNER PATTERN's center, and adjust B drive and R drive so x, y become the [COLOR TEMP COOL] in the below table1. 8. All RGB drive increase so that the maximum drive value of RGB may become [FF]. ([ALL-DRIVE] set to [FF].) 9. Set color balance to [NORMAL] using [7] key. 10. Fix G-CUTOFF, B-CUTOFF and R-CUTOFF at [80]. 11. Set [G-DRIVE] at [D0]. 12. Adjust B-DRIVE and R-DRIVE so the INNER PATTERN's x, y become the [COLOR TEMP NORMAL] in the table 1. 13. All RGB drive increase so that the maximum drive value of RGB may become [FF]. ([ALL-DRIVE] set to [FF].) 14. Set color balance to [WARM] using [7] key. 15. Set Picture menu to [CINEMA] using [9] key. 16. A number key [5] is operated and [INNER PATTERN] is displayed.  [INNER PATTERN] 17. Fix G-CUTOFF, B-CUTOFF and R-CUTOFF at [80]. 18. Set [G-DRIVE] at [D0]. 19. Adjust B-DRIVE and R-DRIVE so the INNER PATTERN's x, y become the [COLOR TEMP WARM] in the table 1. 20. All RGB drive increase so that the maximum drive value of RGB may become [FF]. ([ALL-DRIVE] set to [FF].) 21. Confirm [METHOD=01]. Please refer table2-3 to address. 22. Asking matter to execute white balance difference adjustment. Please feed back the DAC value in the adjusted each color temperature in an internal pattern.	**METHOD=01** copy adjustments

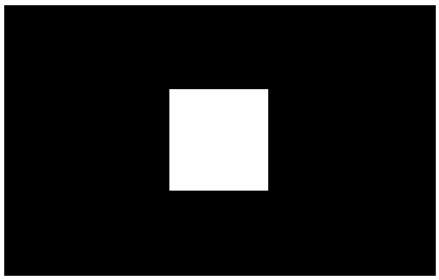
Steps	Remarks
[Differential (Normal) + copy + WARM adjustment] **Adjustment of [COOL], [WARM] by data shift from [NORMAL] adjust.** **And only [WARM] is readjusted.** Execute adjustment for color temp. [NORMAL], and set data for color temp. [COOL], [WARM] by data shift WB of HD (or PAL) copies the adjustment data from an adjusted format side. **Note:** **The adjustment does color temp. [NORMAL] first.** **A adjustment value difference from [NORMAL] is written to EEPROM as for [COOL] and [WARM] by operating a [OK] key.** **As for WB of HD (or RF), the adjustment data from an adjusted format side is copied simultaneously.** **Text color of the adjusted value changes into red -> black at the same time too. And only [WARM] is readjusted.**	
1. Enter the Service mode. Please receive the Analog-RF. Or, please select CVBS/YUV/HDMI. (No inputting is possible.). (Forbid Analog-RF with no signal.) 2. A number key [1] or [2] are operated and [WB-ADJ] is displayed. Check that the color balance is [NORMAL]. 3. A number key [0] is operated and select [METHOD=03]. 4. A number key [5] is operated and [INNER PATTERN] is displayed.  [INNER PATTERN] 5. Select [G-CUTOFF] item, using the number-key [3] or [4], and set to [80], using the volume-key [+] or [-]. Also, [B-CUTOFF] and [R-CUTOFF] set to [80]. 6. Set [G-DRIVE] at [D0]. 7. Touch the signal receiver of color analyzer to the highlight window center, and adjust B drive and R drive so x, y become the [COLOR TEMP NORMAL] in the table 1. 8. All RGB drive increase so that the maximum drive value of RGB may become [FF]. ([ALL-DRIVE] set to [FF].) 9. A number key [0] is operated and select [METHOD=01]. 10. Set color balance to [WARM] using [7] key. 11. Set Picture menu to [CINEMA] using [9] key. 12. A number key [5] is operated and [INNER PATTERN] is displayed.  [INNER PATTERN] 13. Fix G-CUTOFF, B-CUTOFF and R-CUTOFF at [80]. 14. Set [G-DRIVE] at [D0]. 15. Adjust B-DRIVE and R-DRIVE so the INNER PATTERN's x, y become the [COLOR TEMP WARM] in the table 1. 16. All RGB drive increase so that the maximum drive value of RGB may become [FF]. ([ALL-DRIVE] set to [FF].) 17. Confirm [METHOD=01]. Please refer table2-3 to address.	**METHOD=03** Differential (Normal) + copy + WARM adjustment **METHOD=01** copy adjustment

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

COLOR TEMP	x	y
COOL	0.278	0.279
NORMAL	0.301	0.316
WARM	0.315	0.329

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

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

Table 2, Peaks EEP addresses (adjustment data)

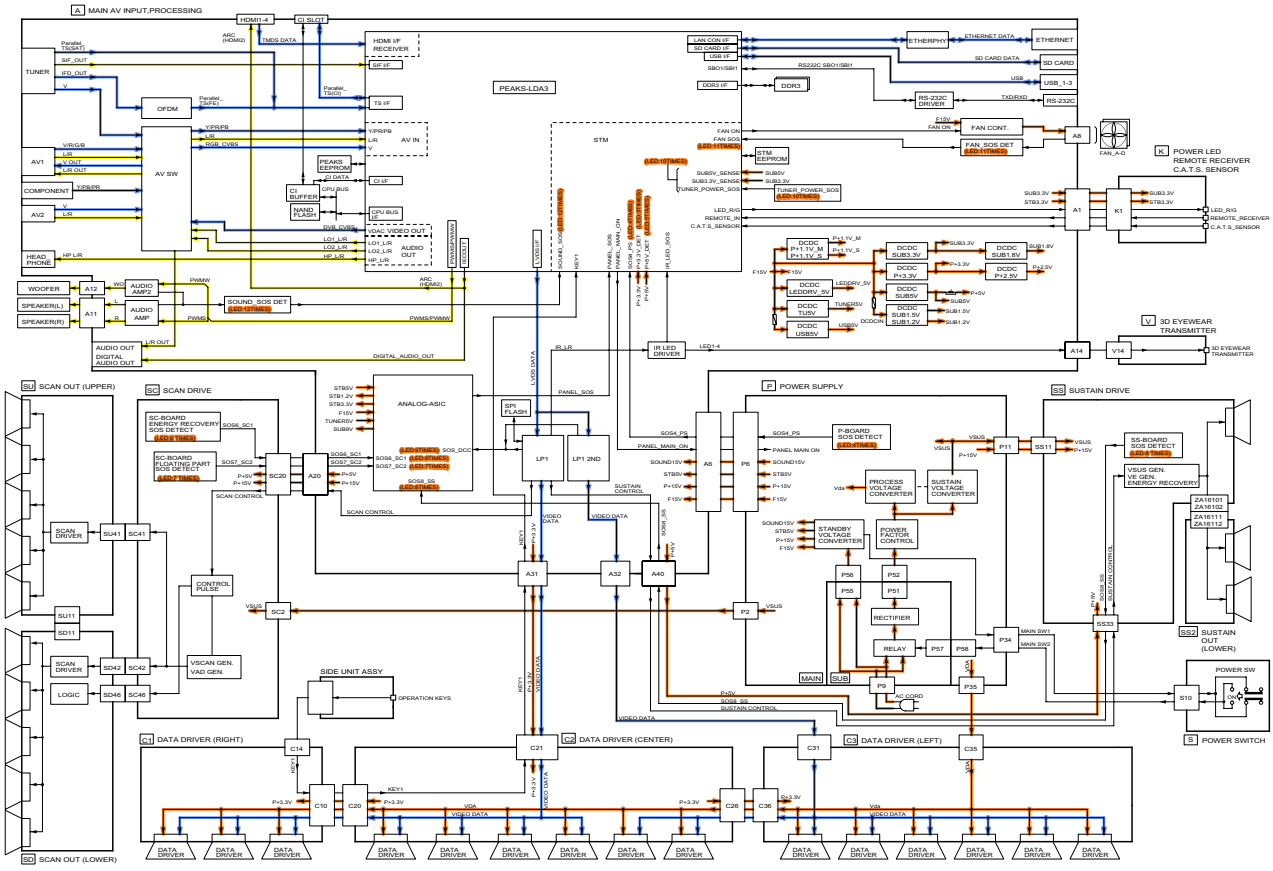
signal / temp	Meaning of value	address
SD High	R-Cutoff for SD High	A0-070c
	G-Cutoff for SD High	A0-070d
	B-Cutoff for SD High	A0-070e
	R-Drive for SD High	A0-070f
	G-Drive for SD High	A0-0710
	B-Drive for SD High	A0-0711
SD Middle	R-Cutoff for SD Middle	A0-0712
	G-Cutoff for SD Middle	A0-0713
	B-Cutoff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

Table 3, Peaks EEP addresses (DIFF setting)

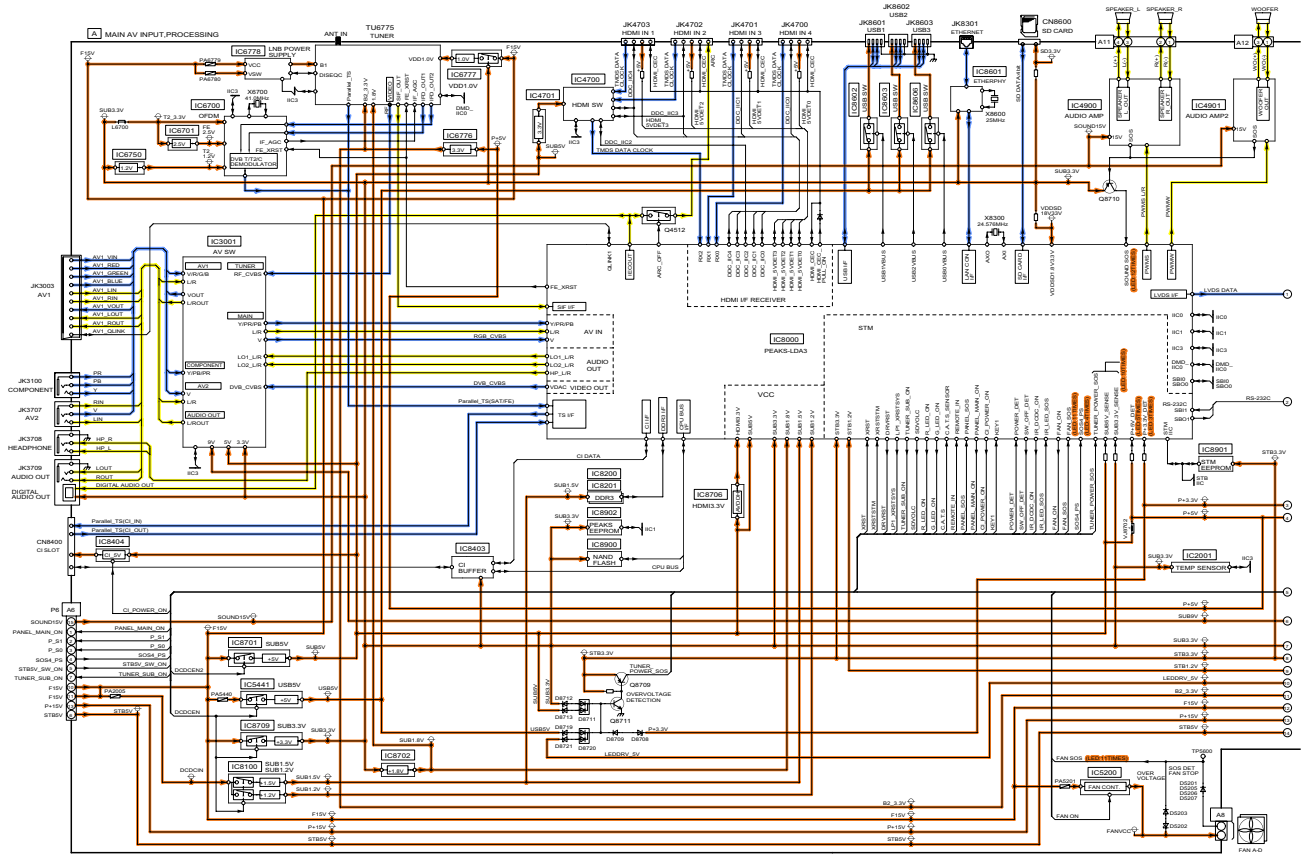
signal / temp	Meaning of value	address
SD High	R-Cutoff difference for SD High	A0-0730
	G-Cutoff difference for SD High	A0-0731
	B-Cutoff difference for SD High	A0-0732
	R-Drive difference for SD High	A0-0733
	G-Drive difference for SD High	A0-0734
	B-Drive difference for SD High	A0-0735
SD Middle	R-Cutoff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

11 Block Diagram

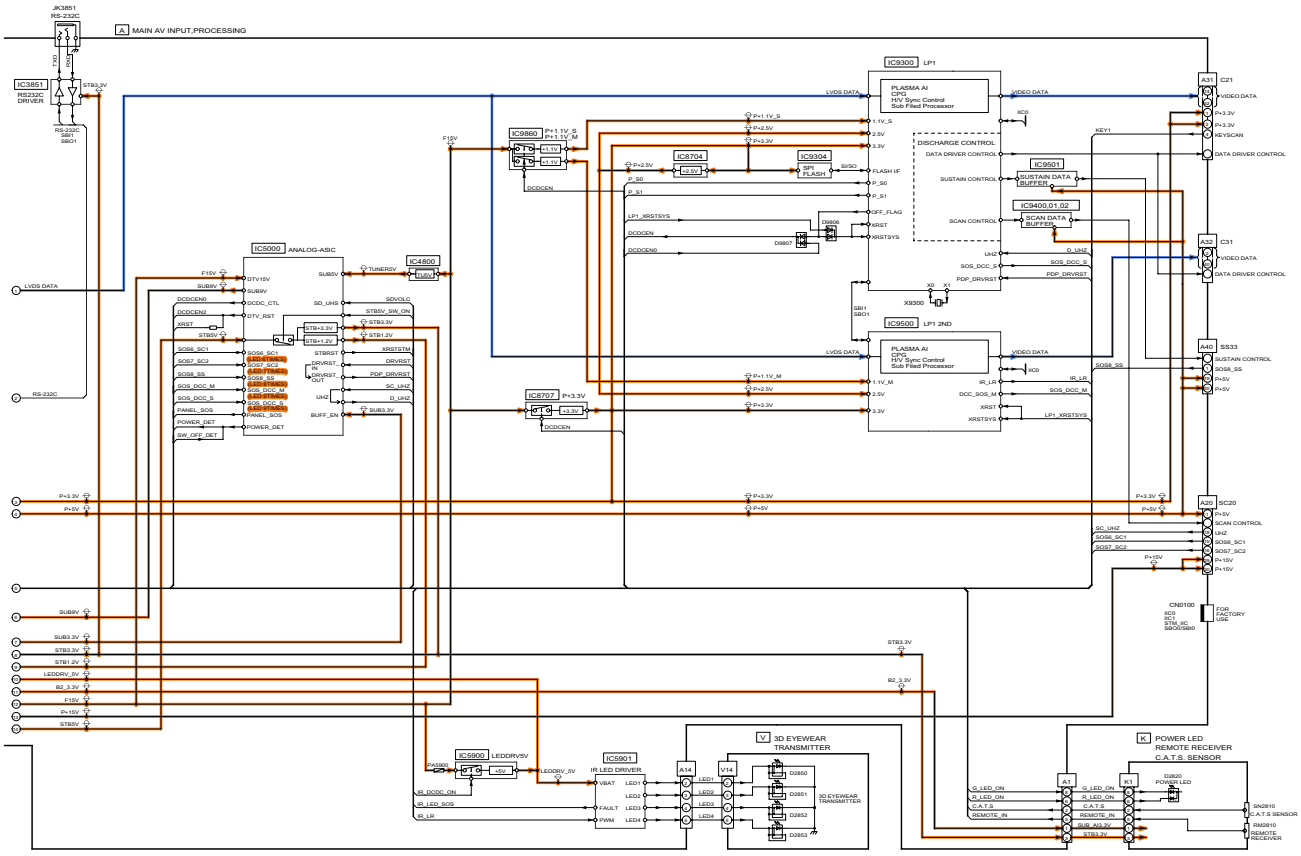
11.1. Main Block Diagram



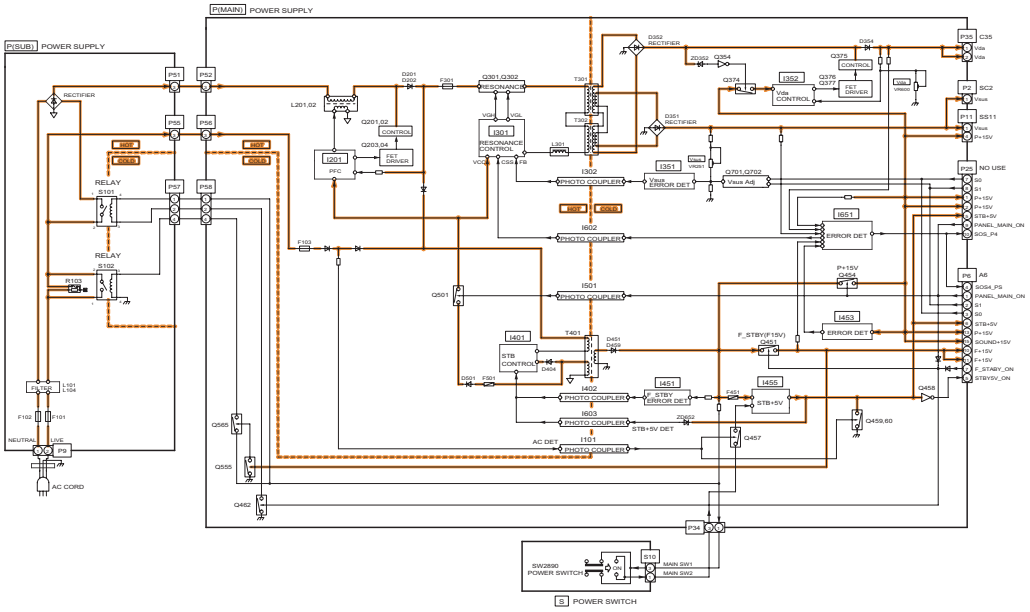
11.2. Block (1/4) Diagram



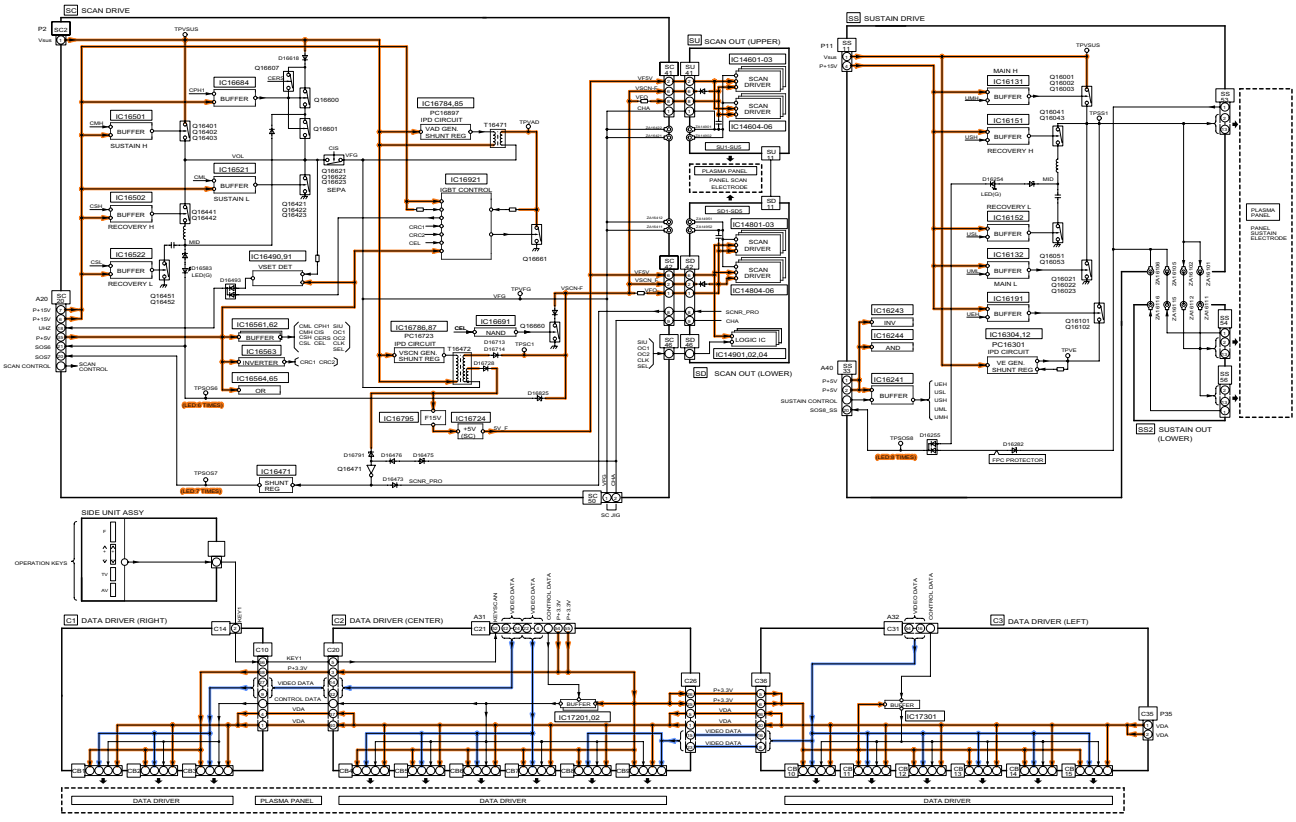
11.3. Block (2/4) Diagram



11.4. Block (3/4) Diagram



11.5. Block (4/4) Diagram



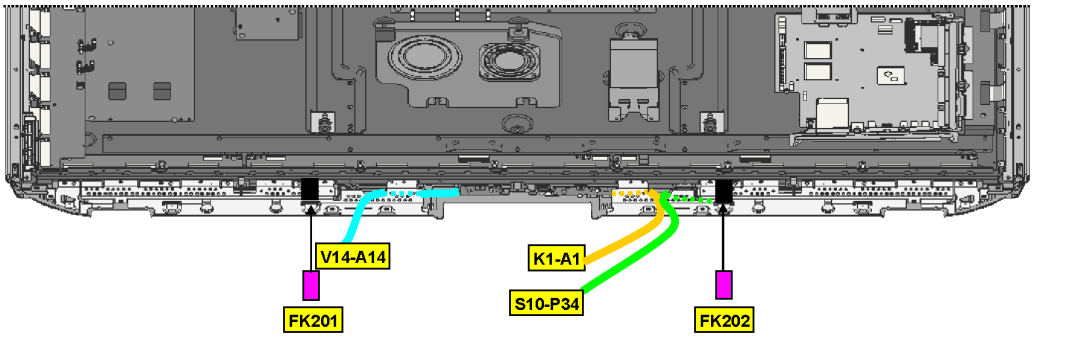
12 Wiring Connection Diagram

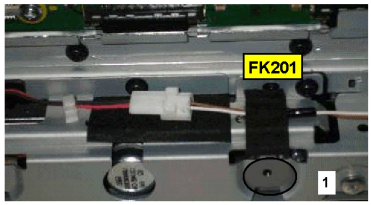
12.1. Caution statement.

Caution:

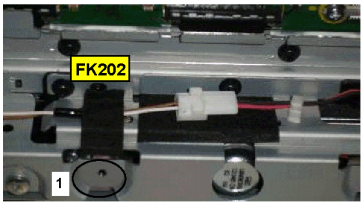
Please confirm that all flexible cables are assembled correctly.
Also make sure that they are locked in the connectors.
Verify by giving the flexible cables a very slight pull.

12.2. Wiring (1)

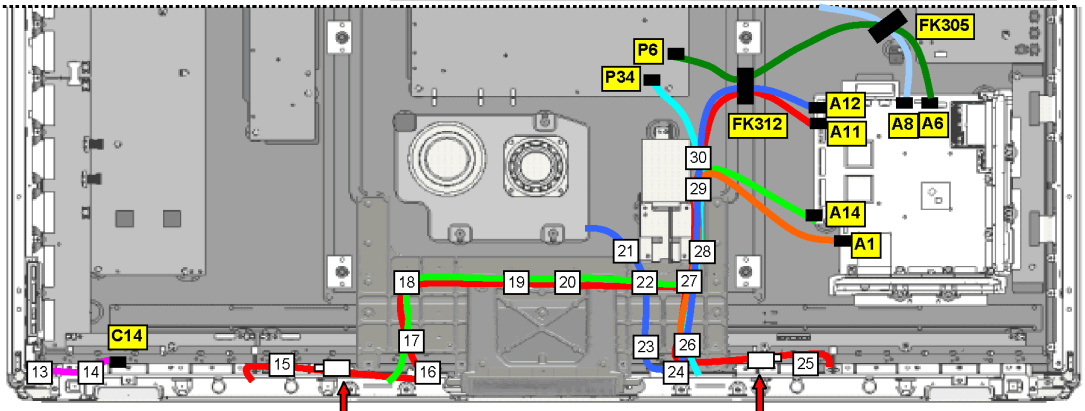




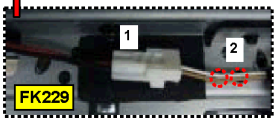
1) Felt must not be in the marked area

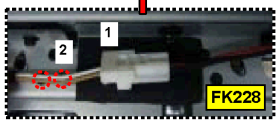


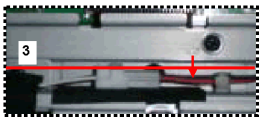
CLAMPER																	
WIRE	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
A1 - K1														O	O	O	O	
SIDE UNIT - C14	O	O																
SPKL - A11												O	O	O	O	O	O	O
SPKR - A11			O	O	O	O	O	O		O					O	O	O	O
V14 - A14					O	O	O	O		O					O	O	O	
P34 - S10														O	O	O	O	O
A12 - WOOFER									O	O	O	O		O	O	O	O	O



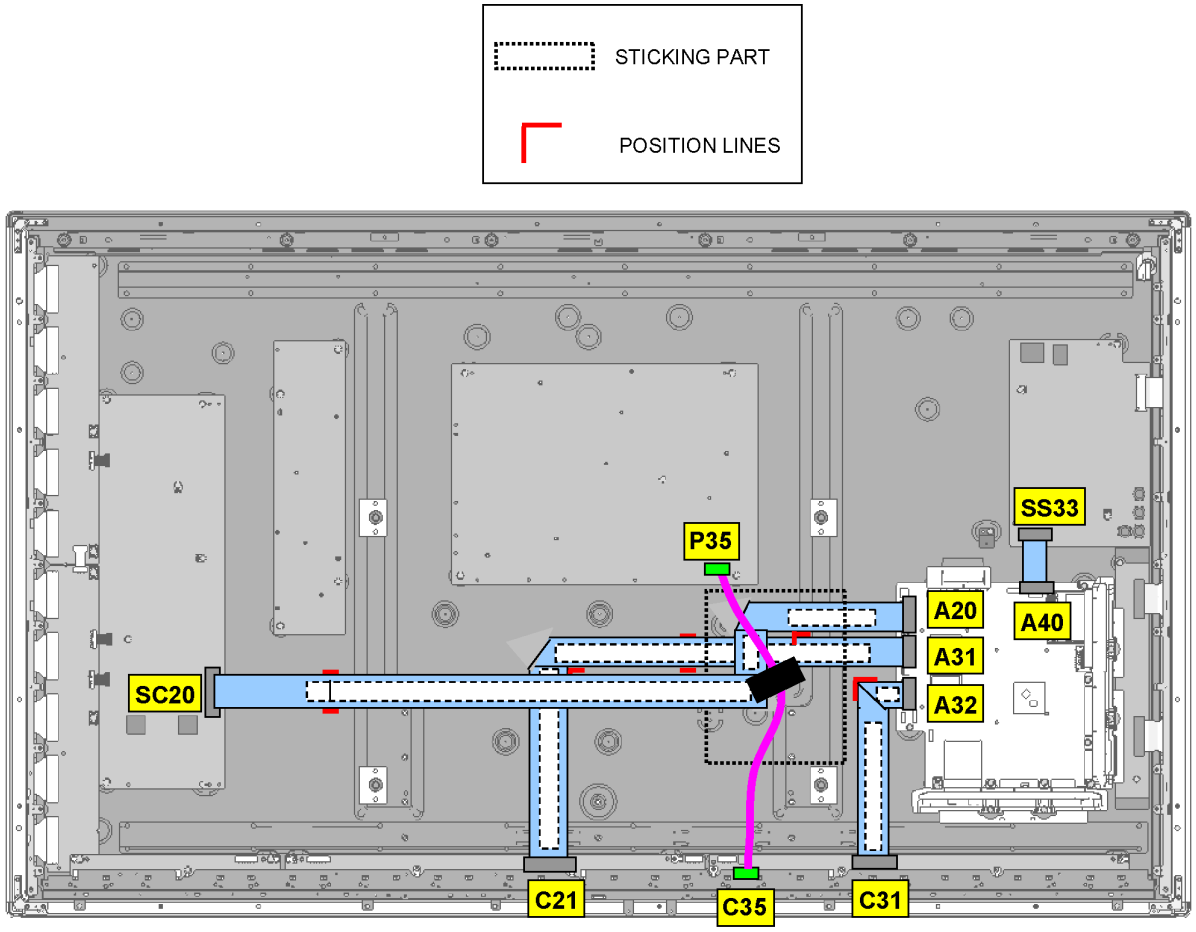
1) Connector must be inside area of the felt.
2) Wire must lead above the marked holes.
3) Wire must lead under the marked line.

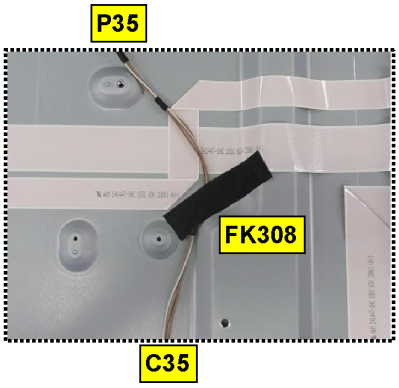






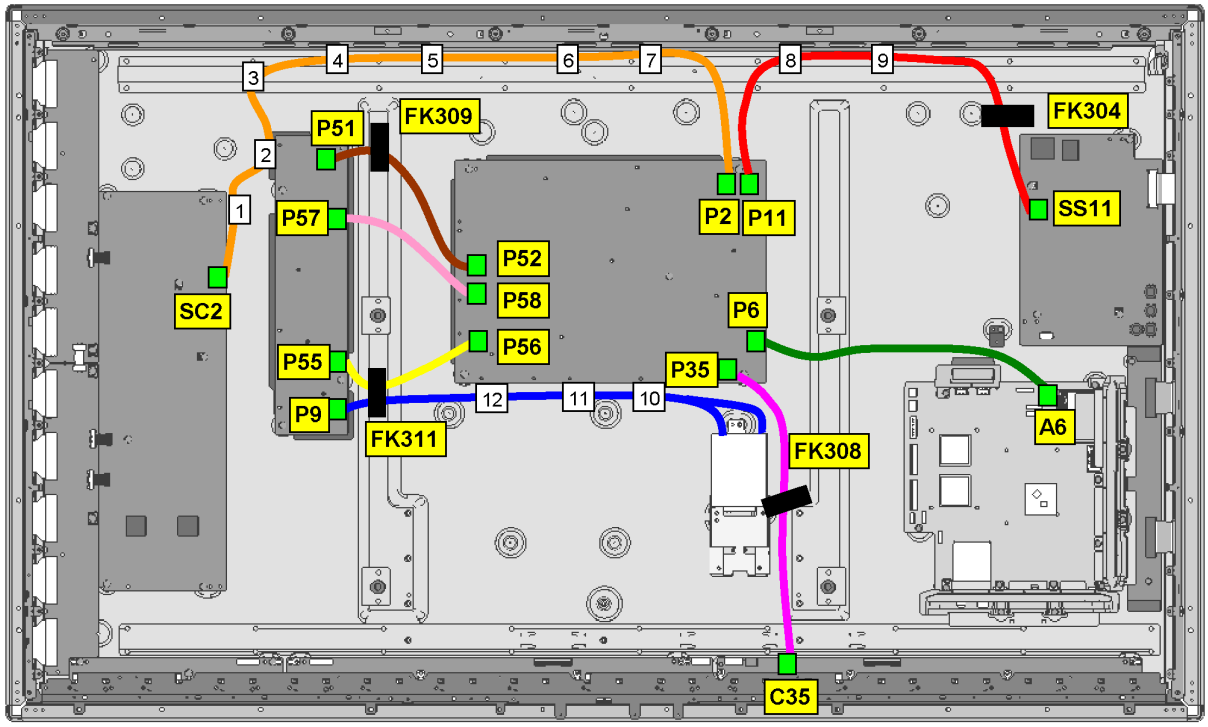
12.3. Wiring (2)



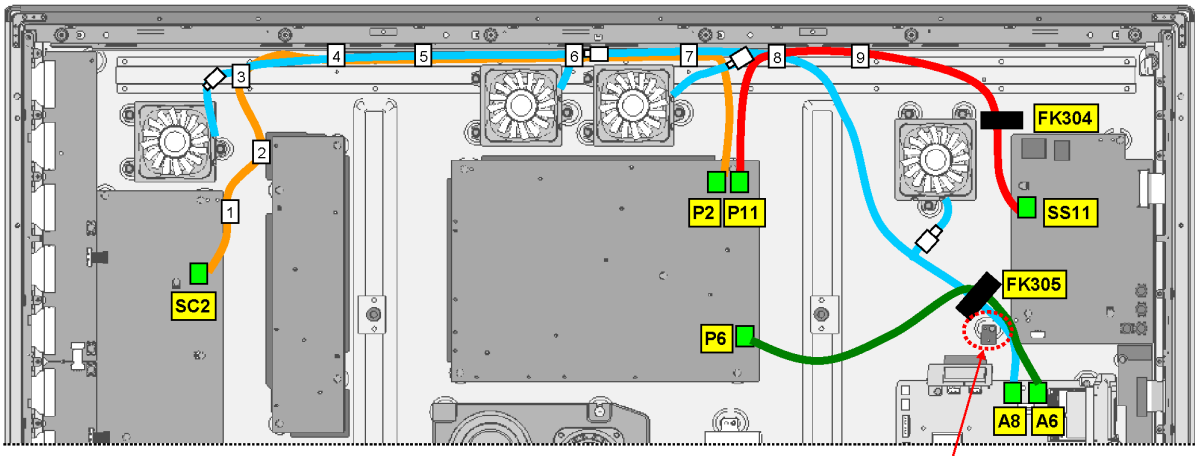


12.4. Wiring (3)

CLAMPER												
WIRE	1	2	3	4	5	6	7	8	9	10	11	12
P2 - SC2	O	O	O	O	O	O	O					
P9 - INLET										O	O	O
P11 - SS11								O	O			



CLAMPER									
WIRE	1	2	3	4	5	6	7	8	9
A8 - FAN			O	O	O	O	O	O	



Notes:

1. **Resistor**
   Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
   Unit of capacitance is μF, unless otherwise noted.
3. Coil
   Unit of inductance is H, unless otherwise noted.
4. Test Point
   ⚲ : Test Point position
5. Earth Symbol
   ⏚ : Chassis Earth (Cold) ⏚ : Line Earth (Hot)
6. Voltage Measurement
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following:
   Power Source ..... AC 220-240V, 50/60Hz
   Receiving Signal ..... Colour Bar signal (RF)
   All customer's controls ..... Maximum positions
7. When arrow mark (↗) is found, connection is easily found from the direction of arrow.
8. Indicates the major signal flow. : Video ➡ Audio ⇨
9. This schematic diagram is the latest at the time of printing and subject to change without notice.

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

Remarks:

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

Model No. : TX-P55VT30B/Y Replacement Parts List Note

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

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

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.
After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention.
After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

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

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

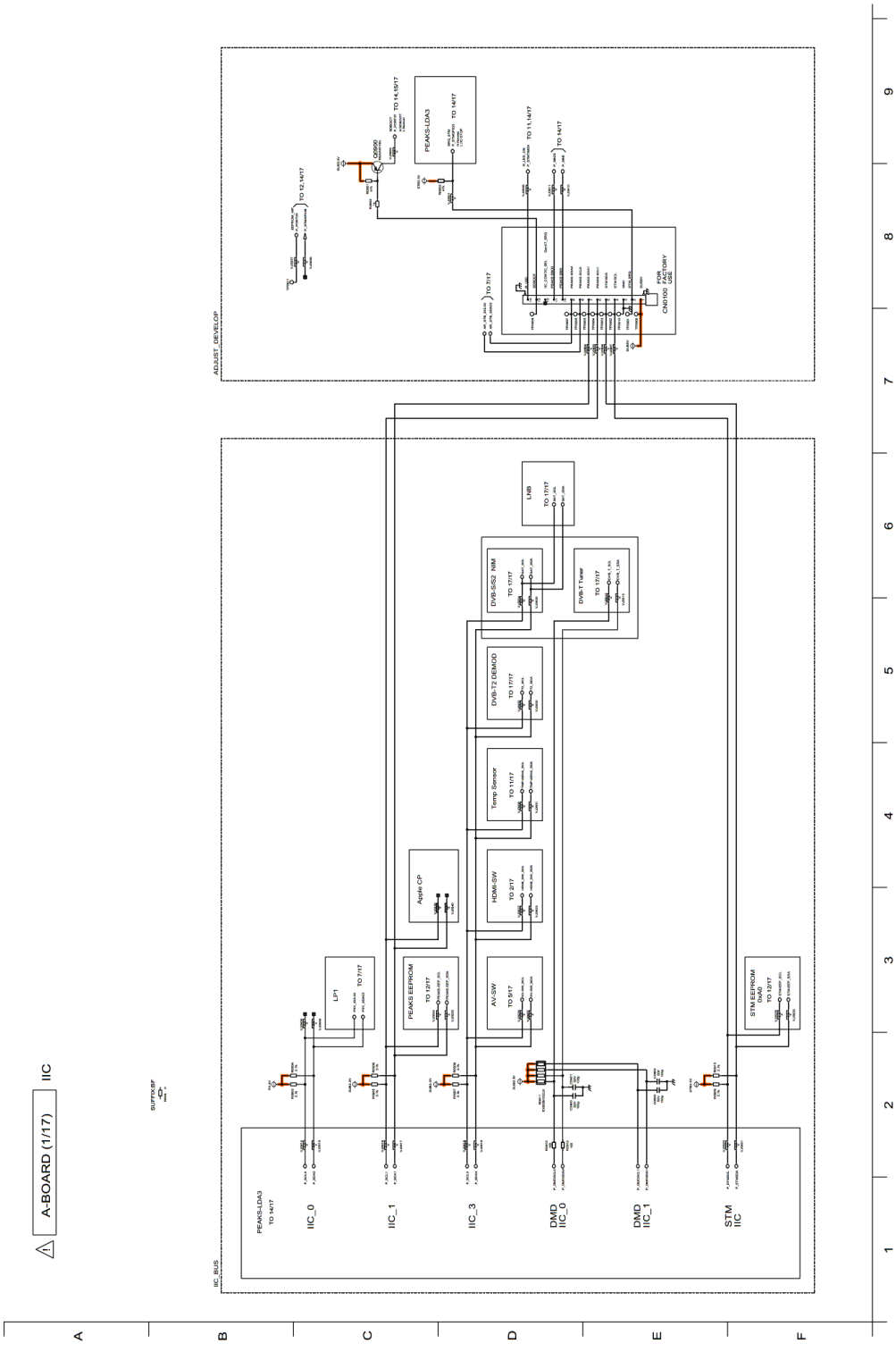
2. Capacitor

Example:

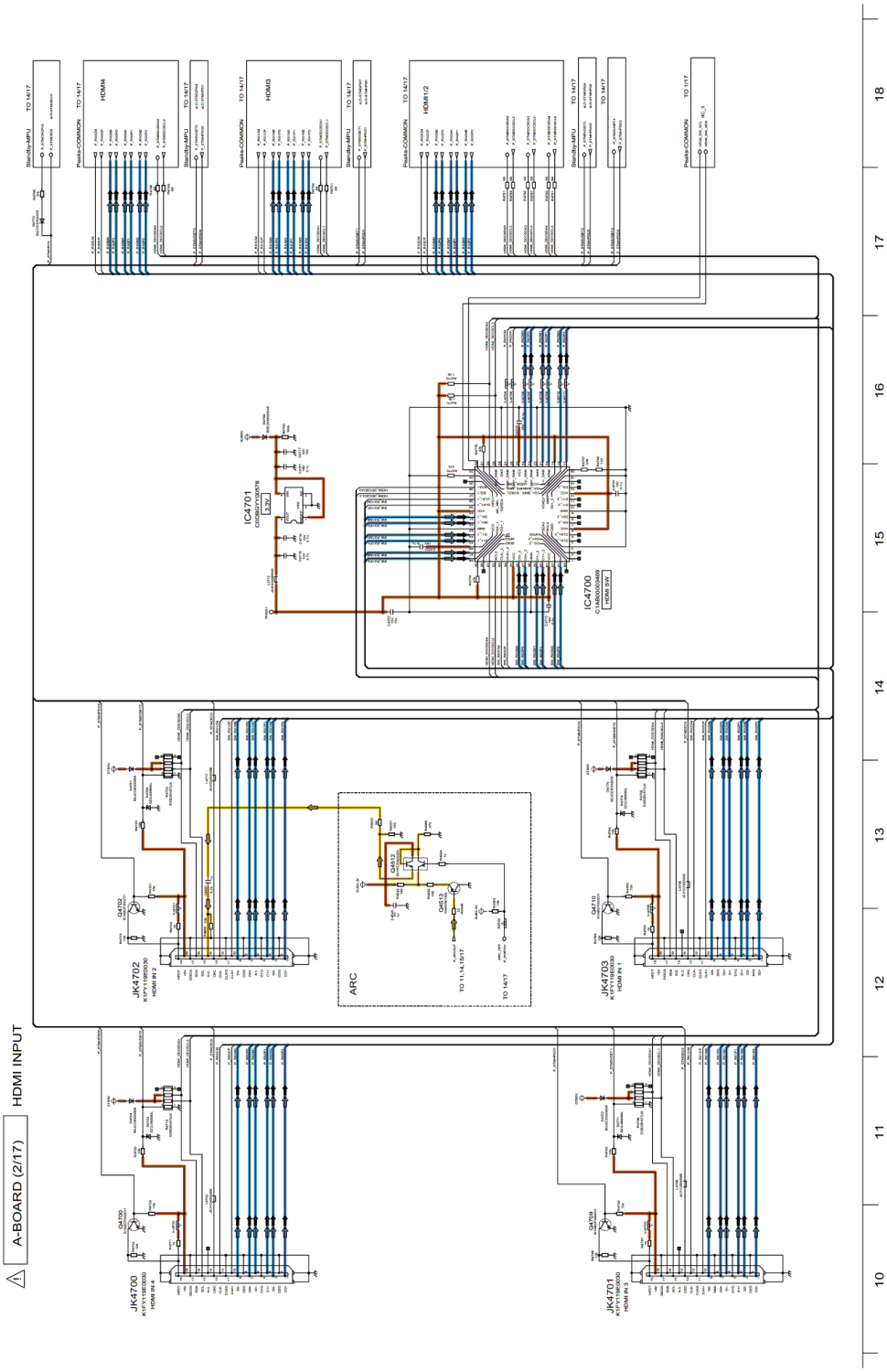
ECKF1H103ZF C 0.01UF, Z, 50V
Type Allowance

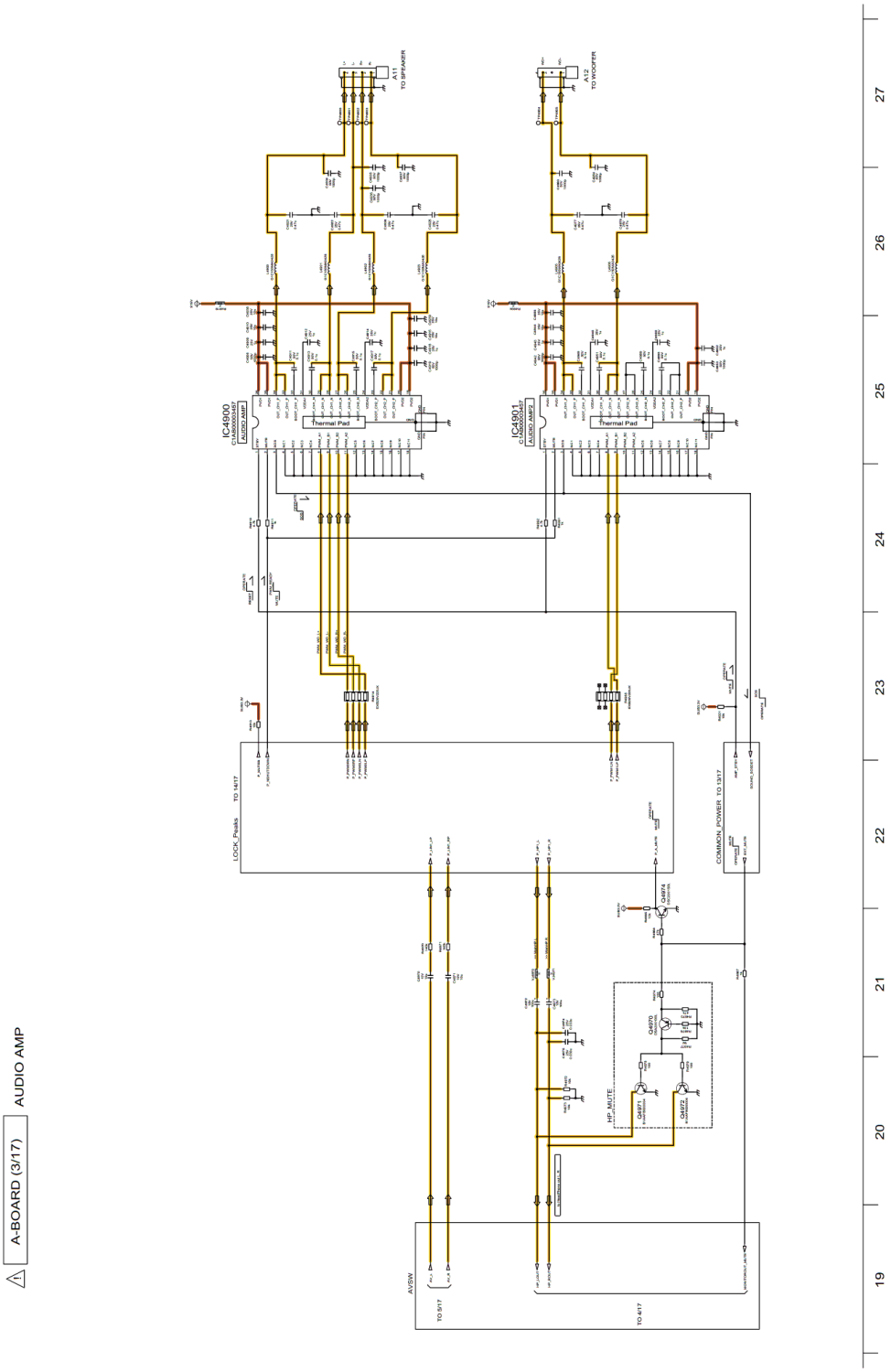
Type	Allowance
C : Ceramic	C : ±0.25pF
E : Electrolytic	D : ±0.5pF
P : Polyester Polyprop lene	F : ±1pF
	G : ±3pF
	J : ±5pF
T : Tantalum	K : ±10pF
	L : ±15pF
	M : ±20pF
	P : +100%, -0%
	Z : +80%, -20%

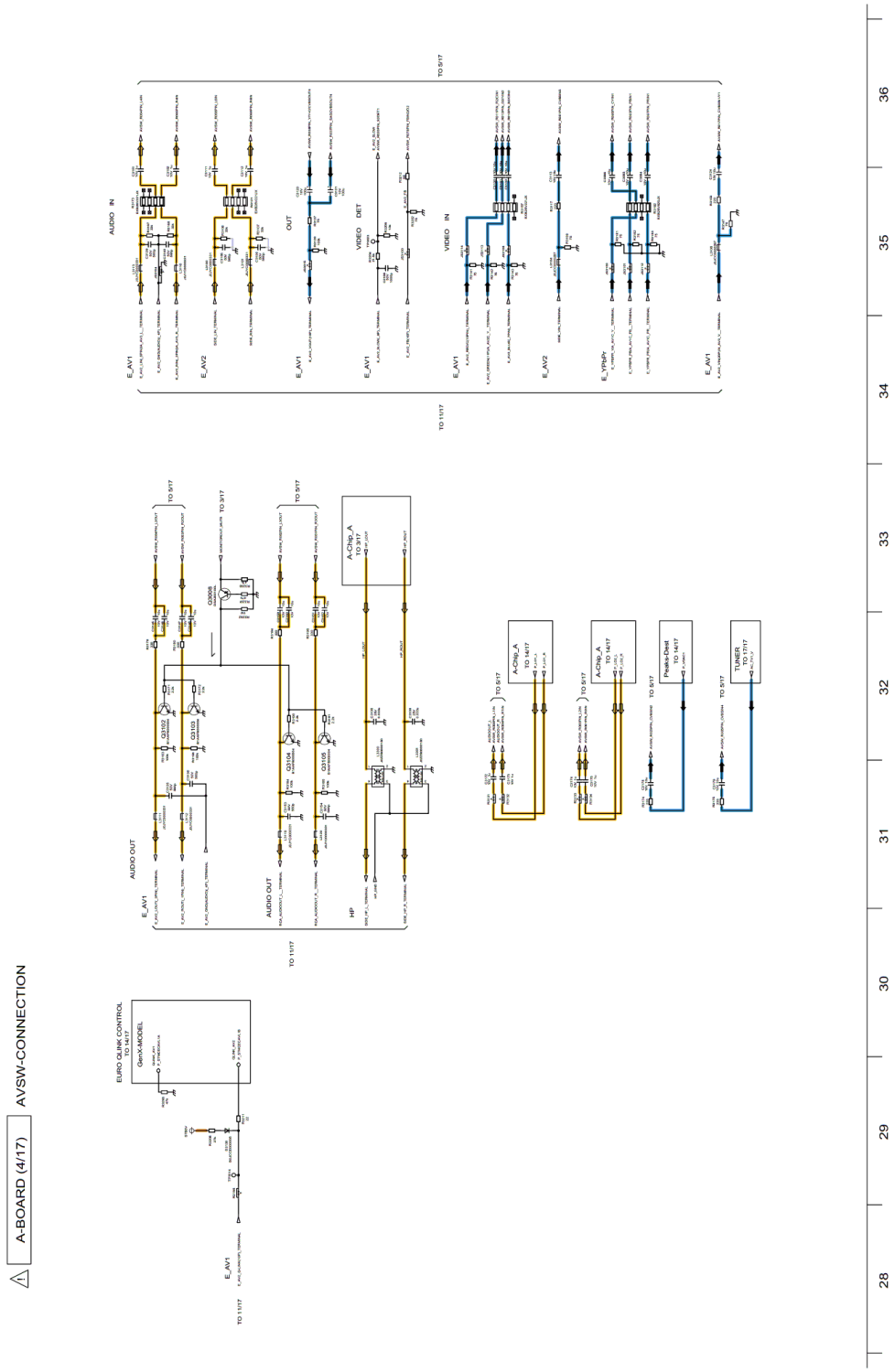
Model No. : TX-P55VT30B/Y A-Board (1/17)

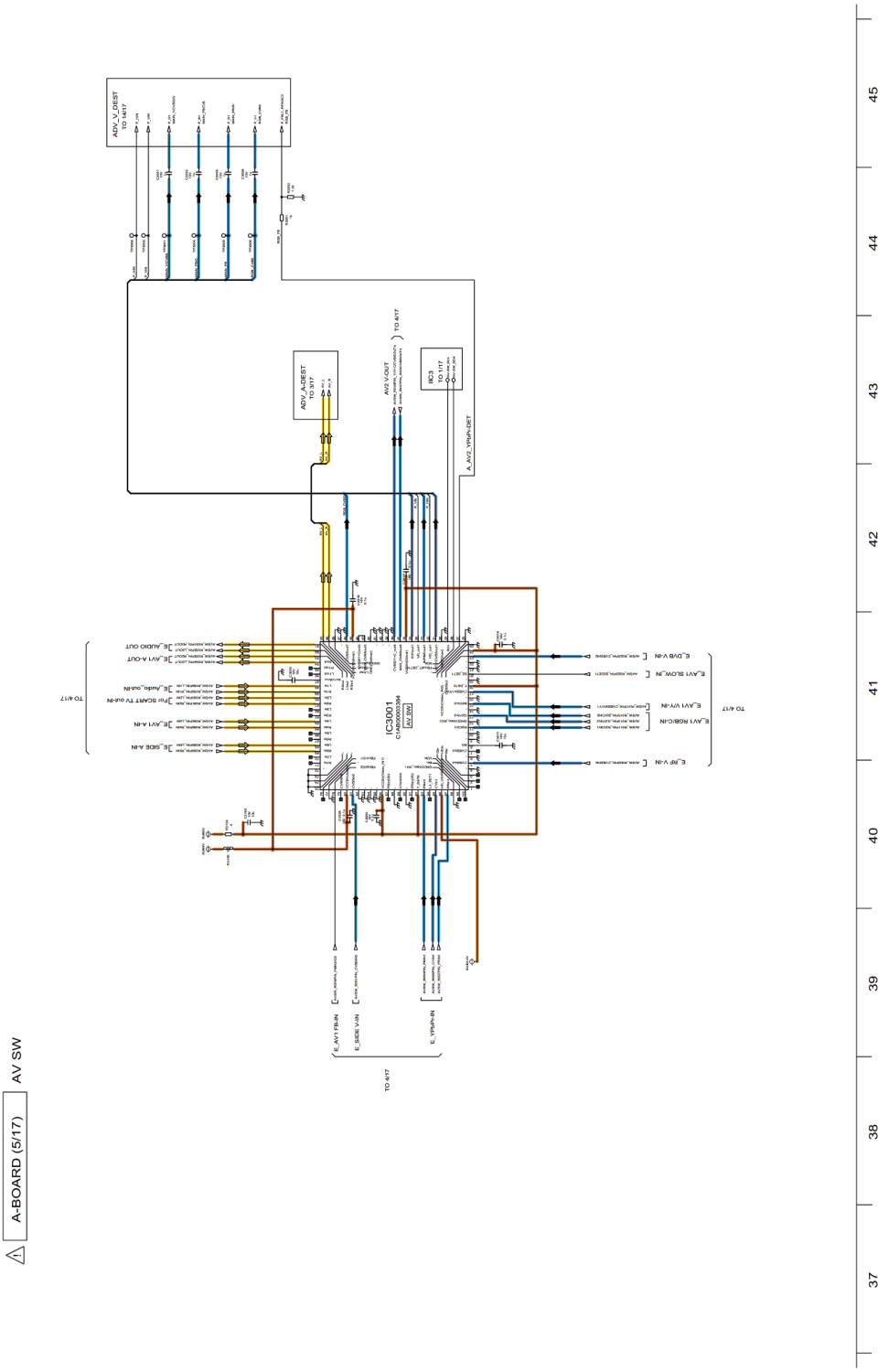


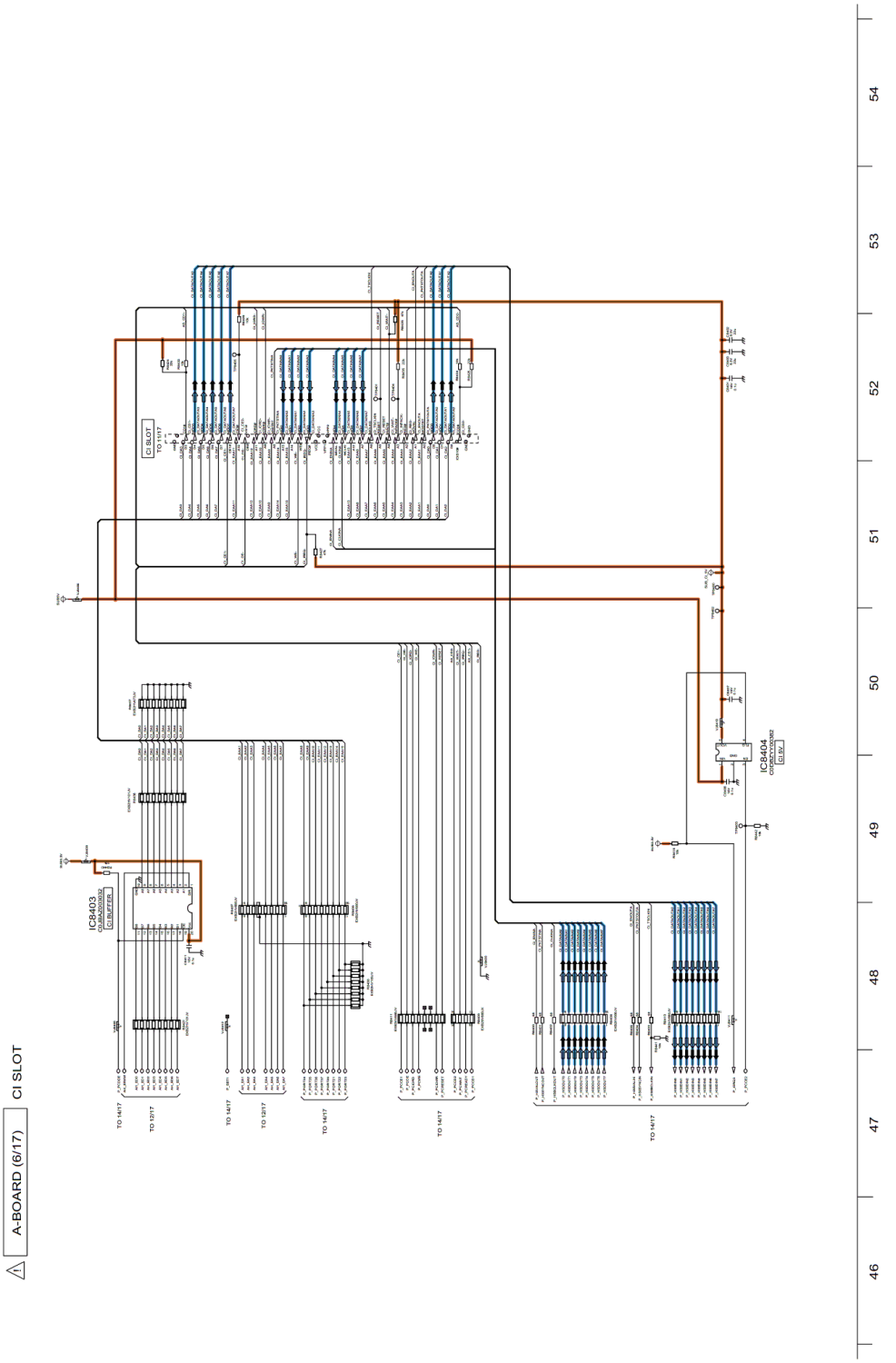
Model No. : TX-P55VT30B/Y A-Board (2/17)



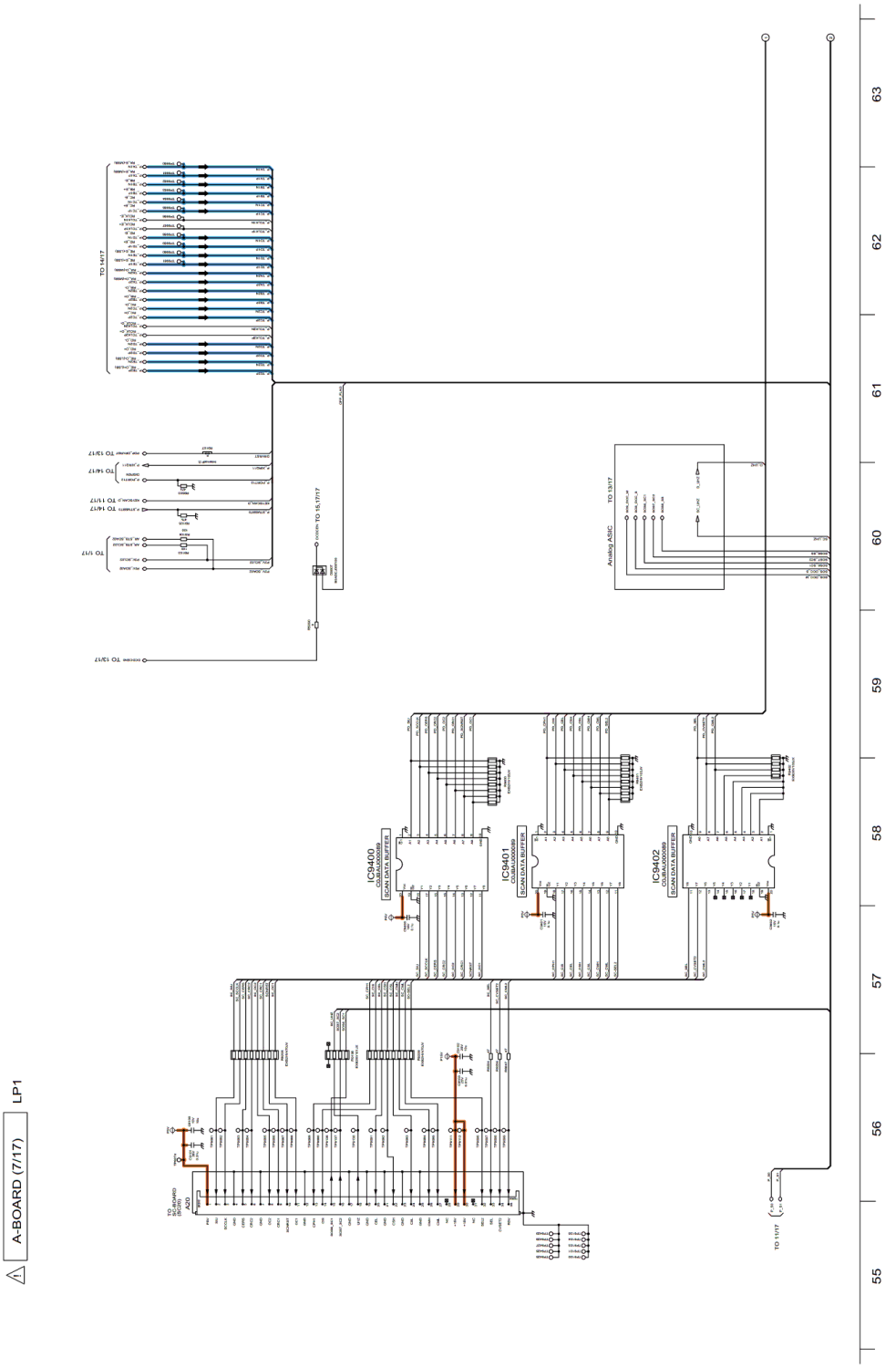




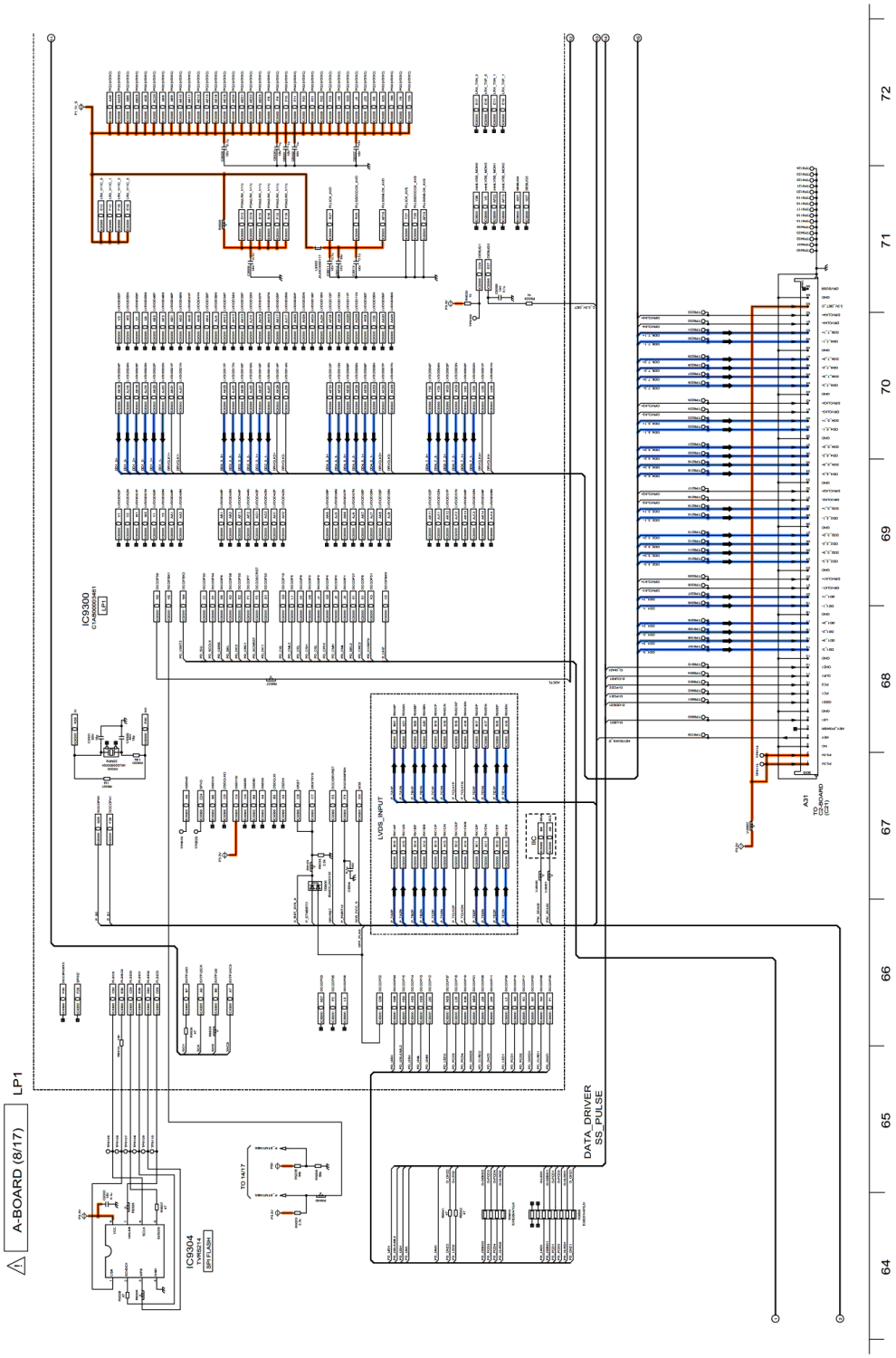




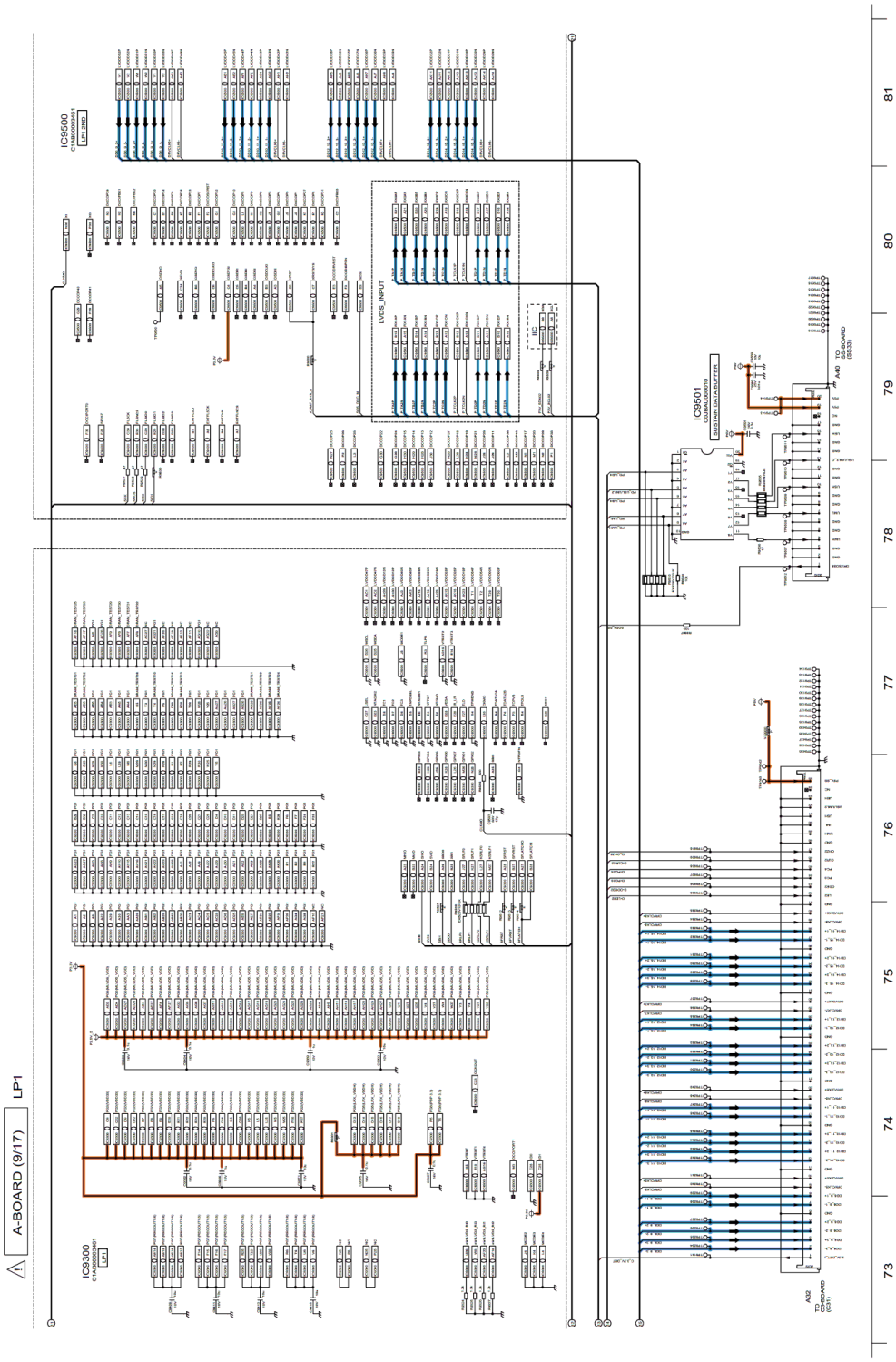
Model No. : TX-P55VT30B/Y A-Board (7/17)

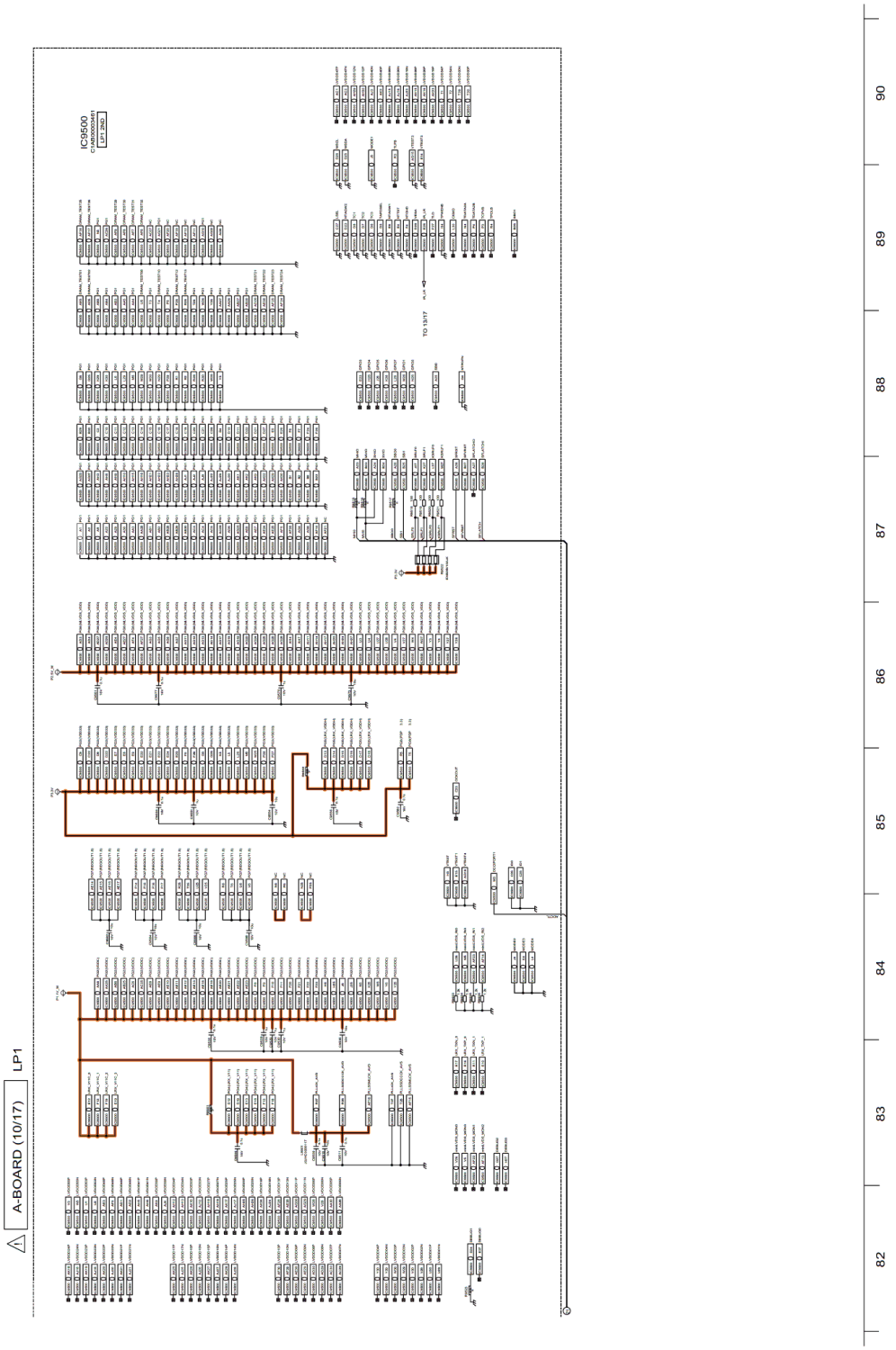


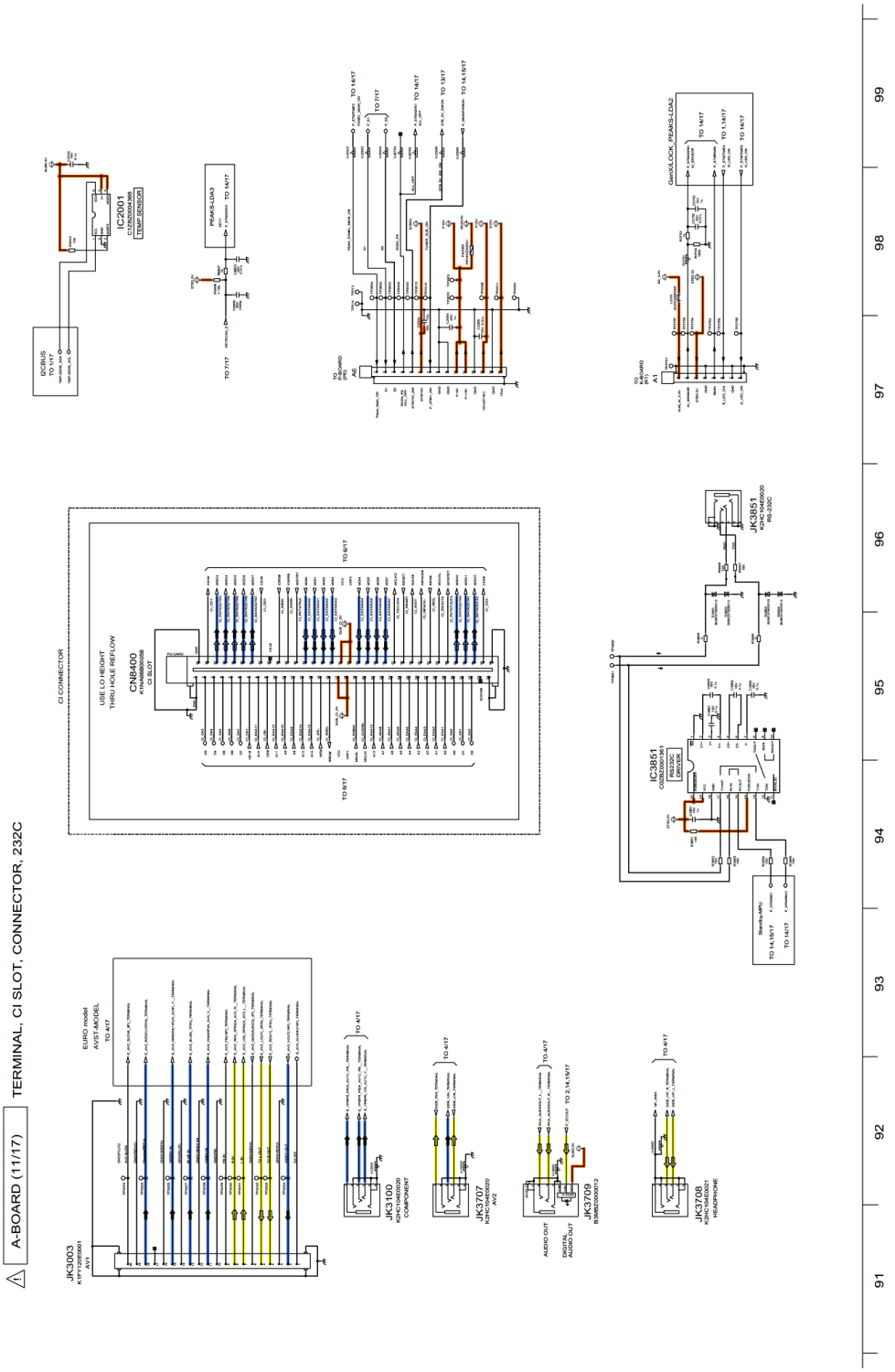
Model No. : TX-P55VT30B/Y A-Board (8/17)

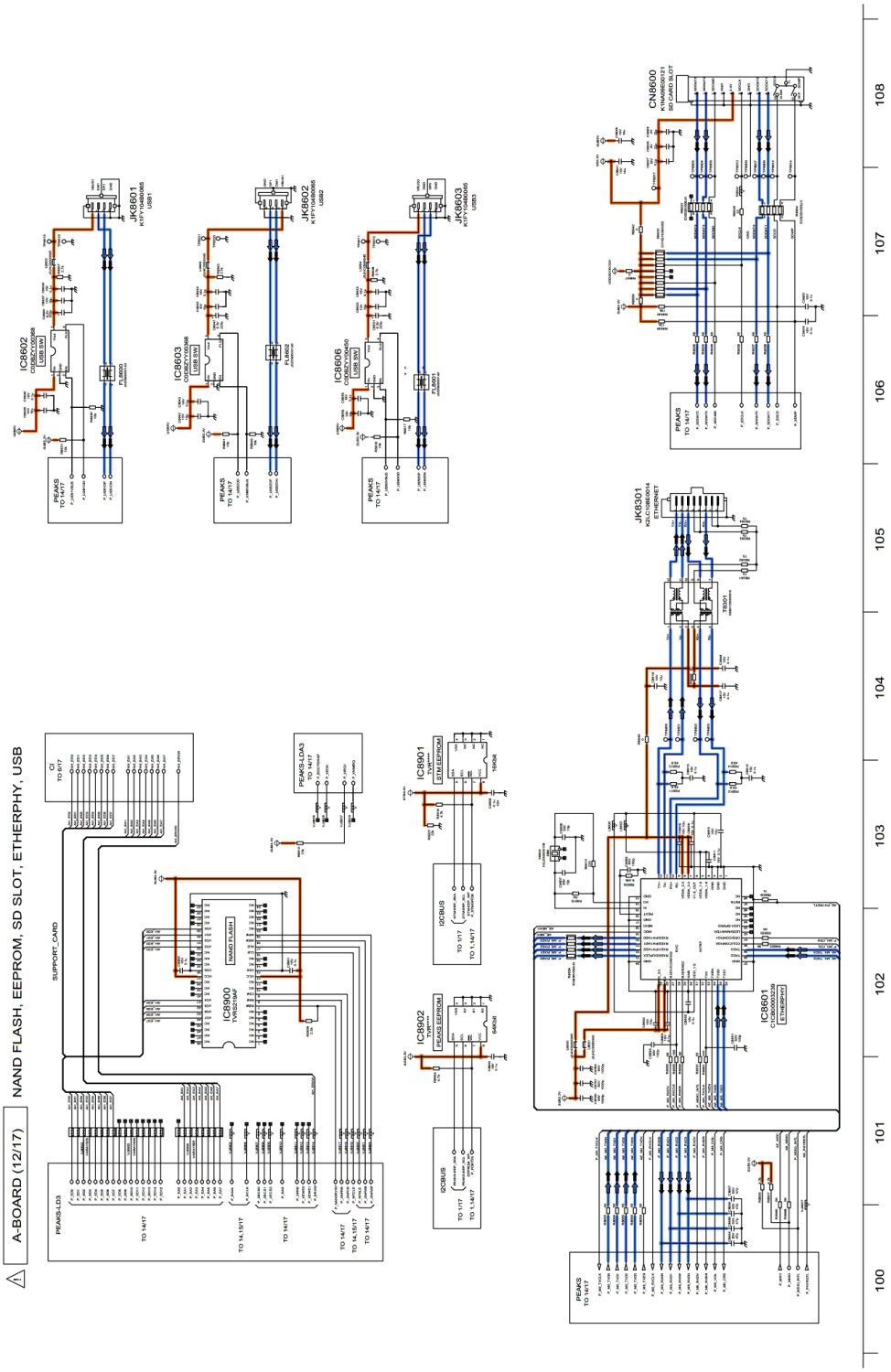


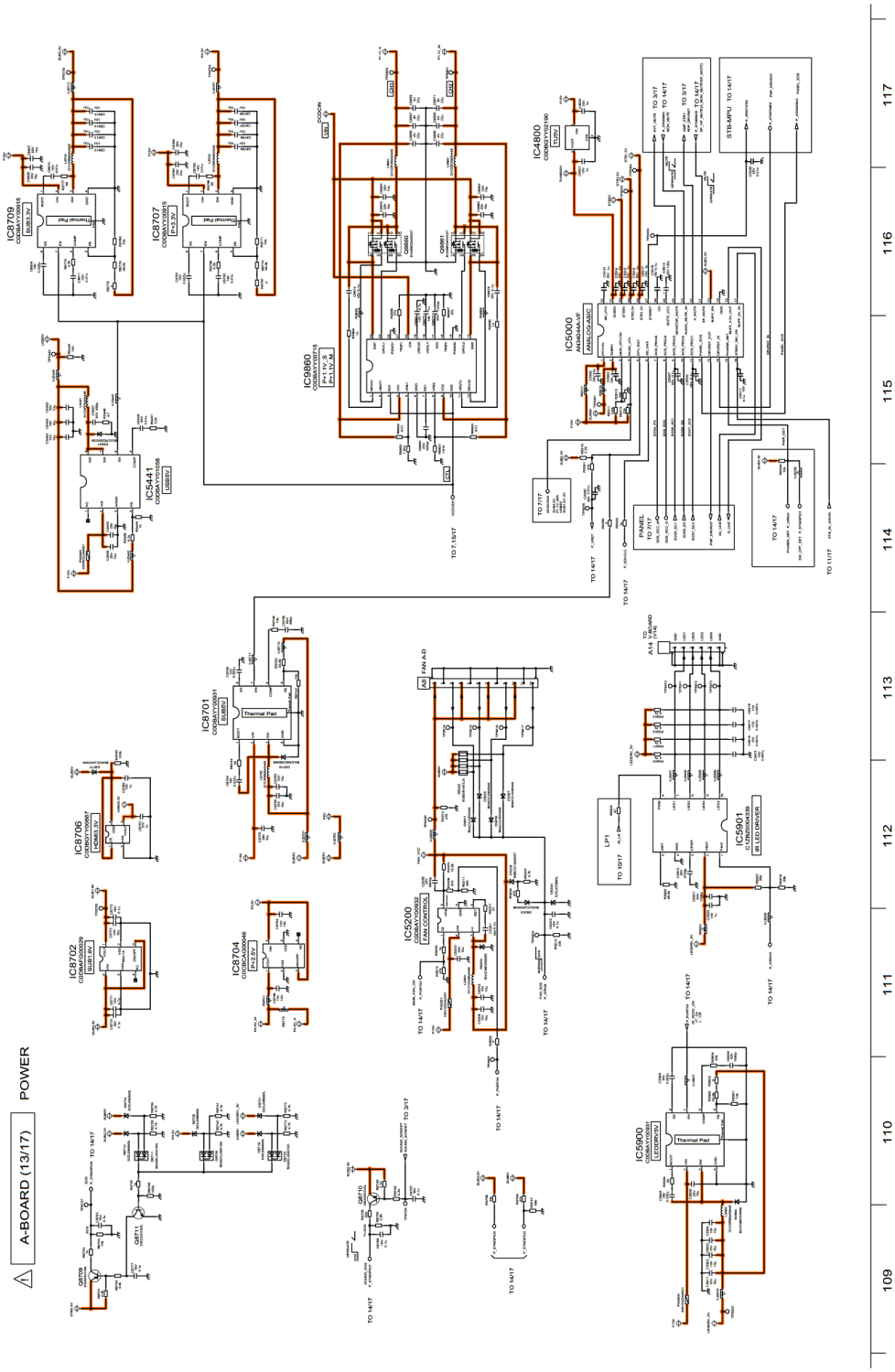
Model No. : TX-P55VT30B/Y A-Board (9/17)



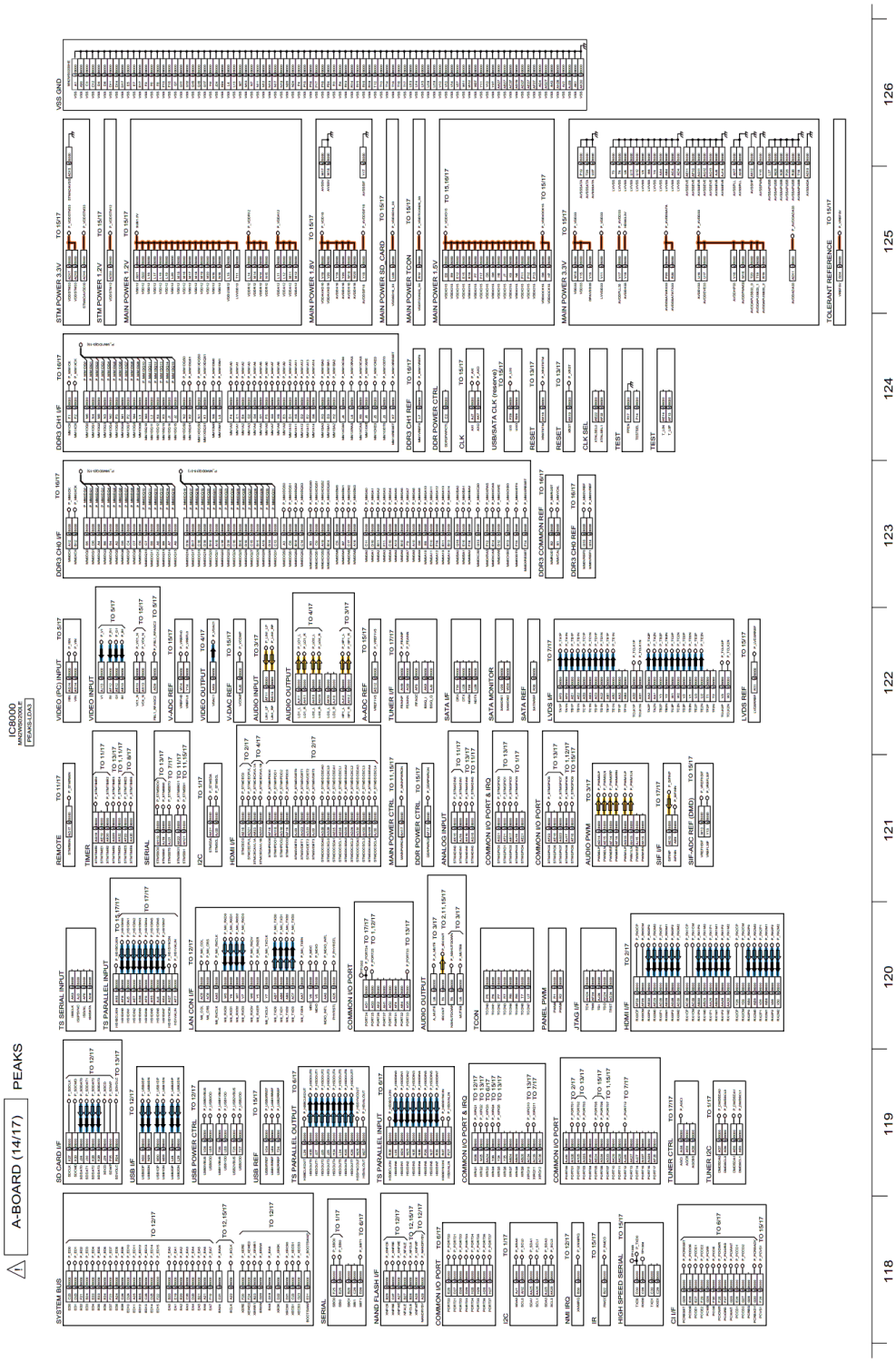


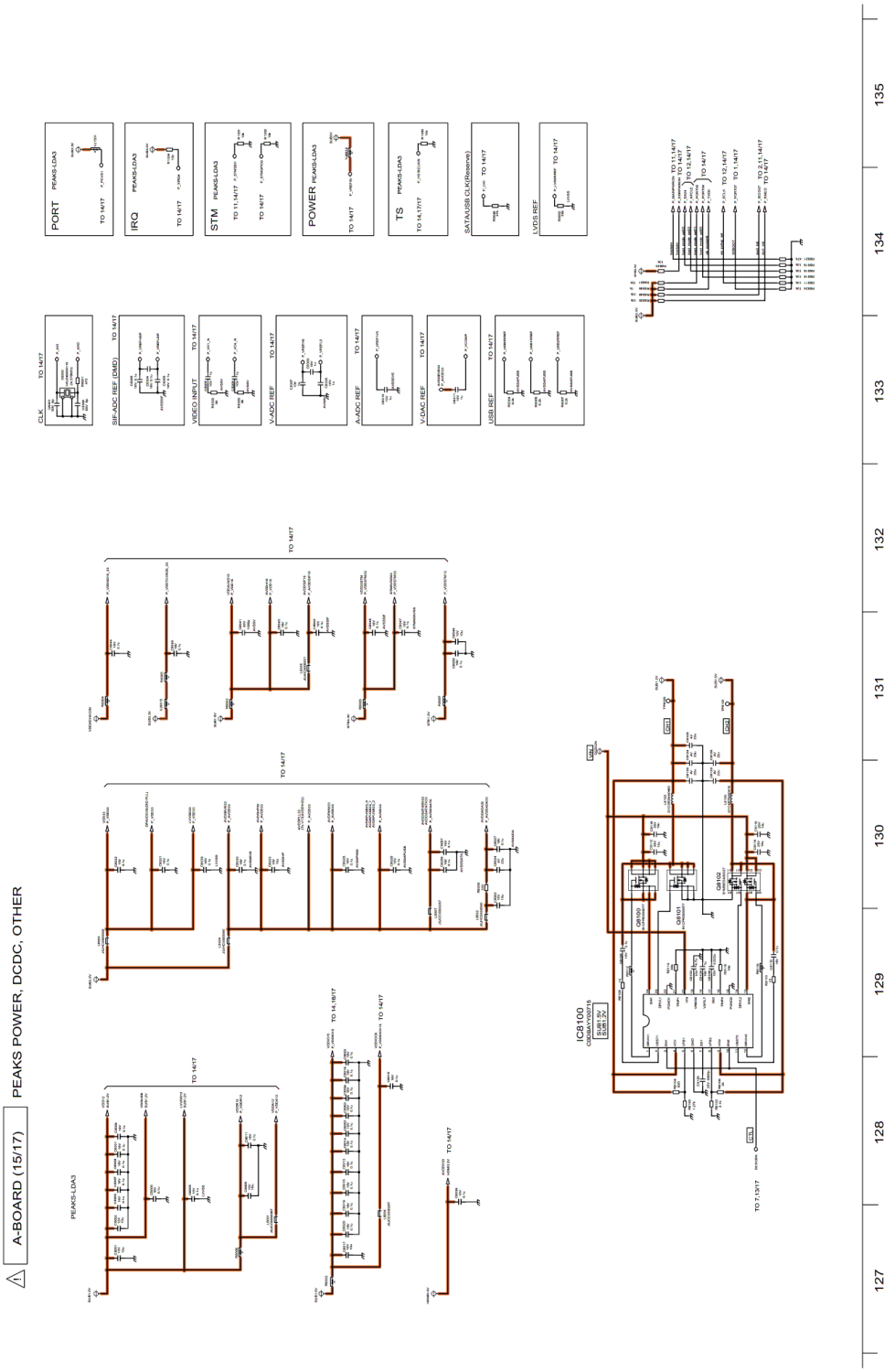


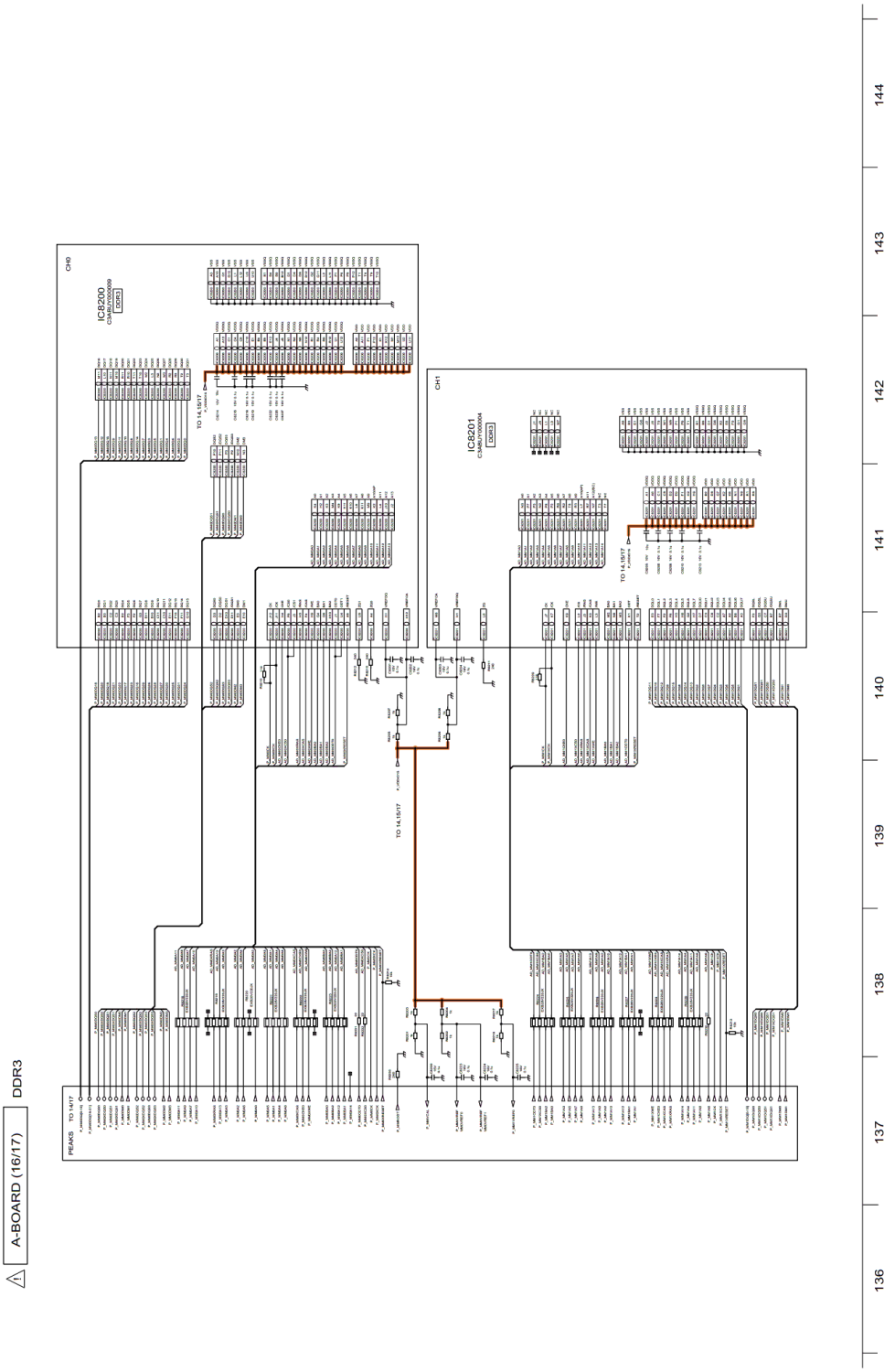


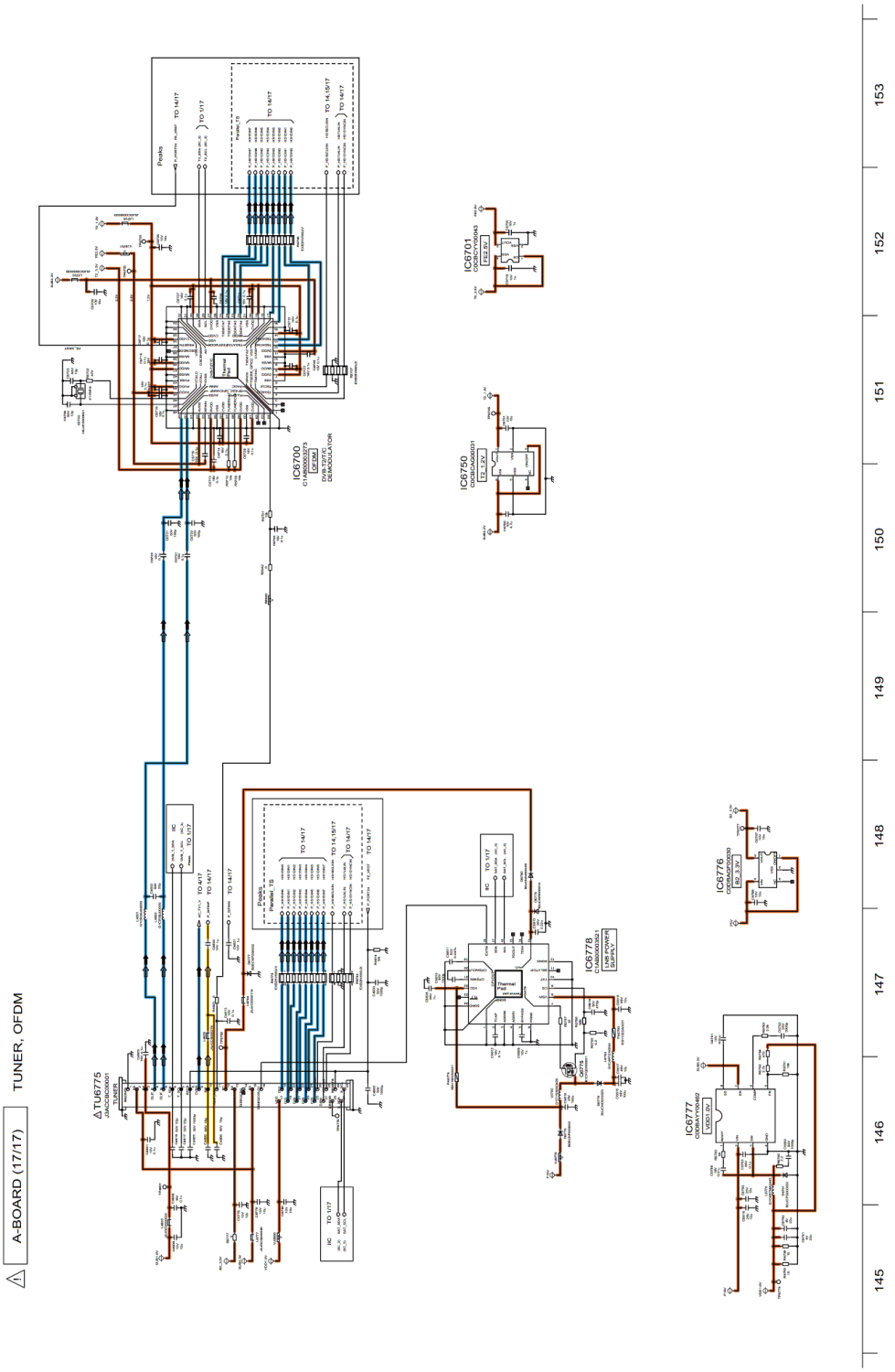


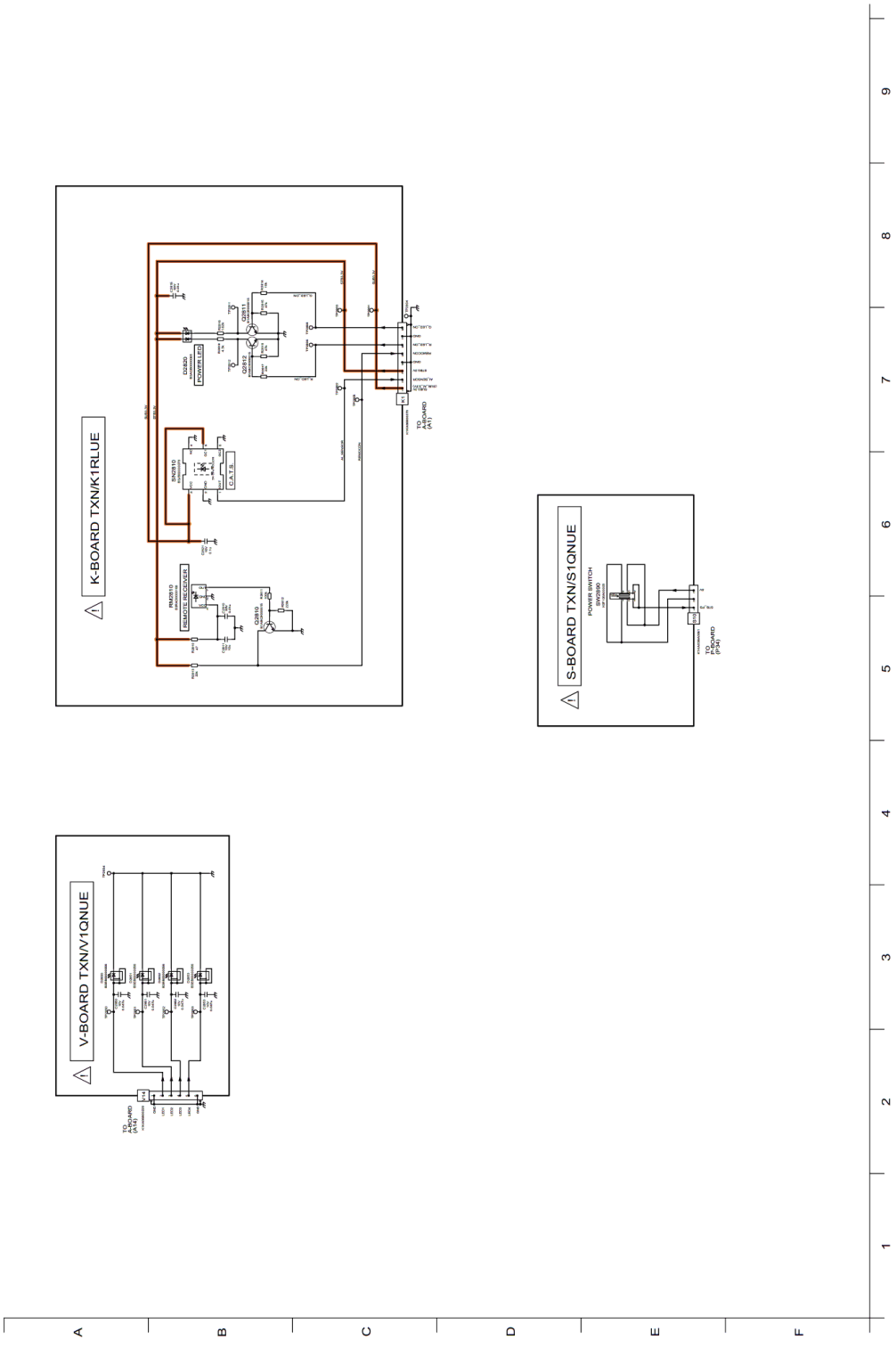
Model No. : TX-P55VT30B/Y A-Board (14/17)

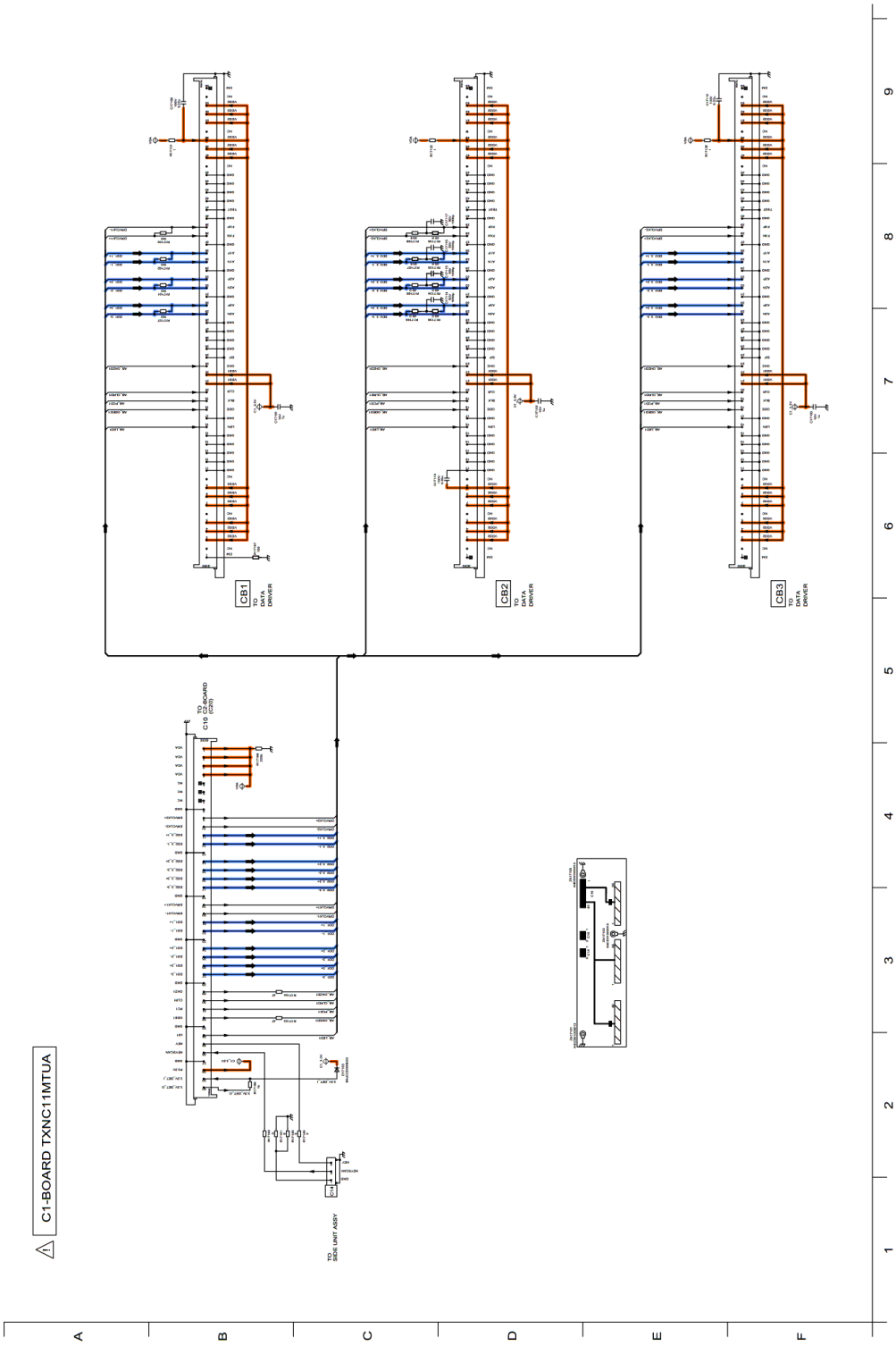




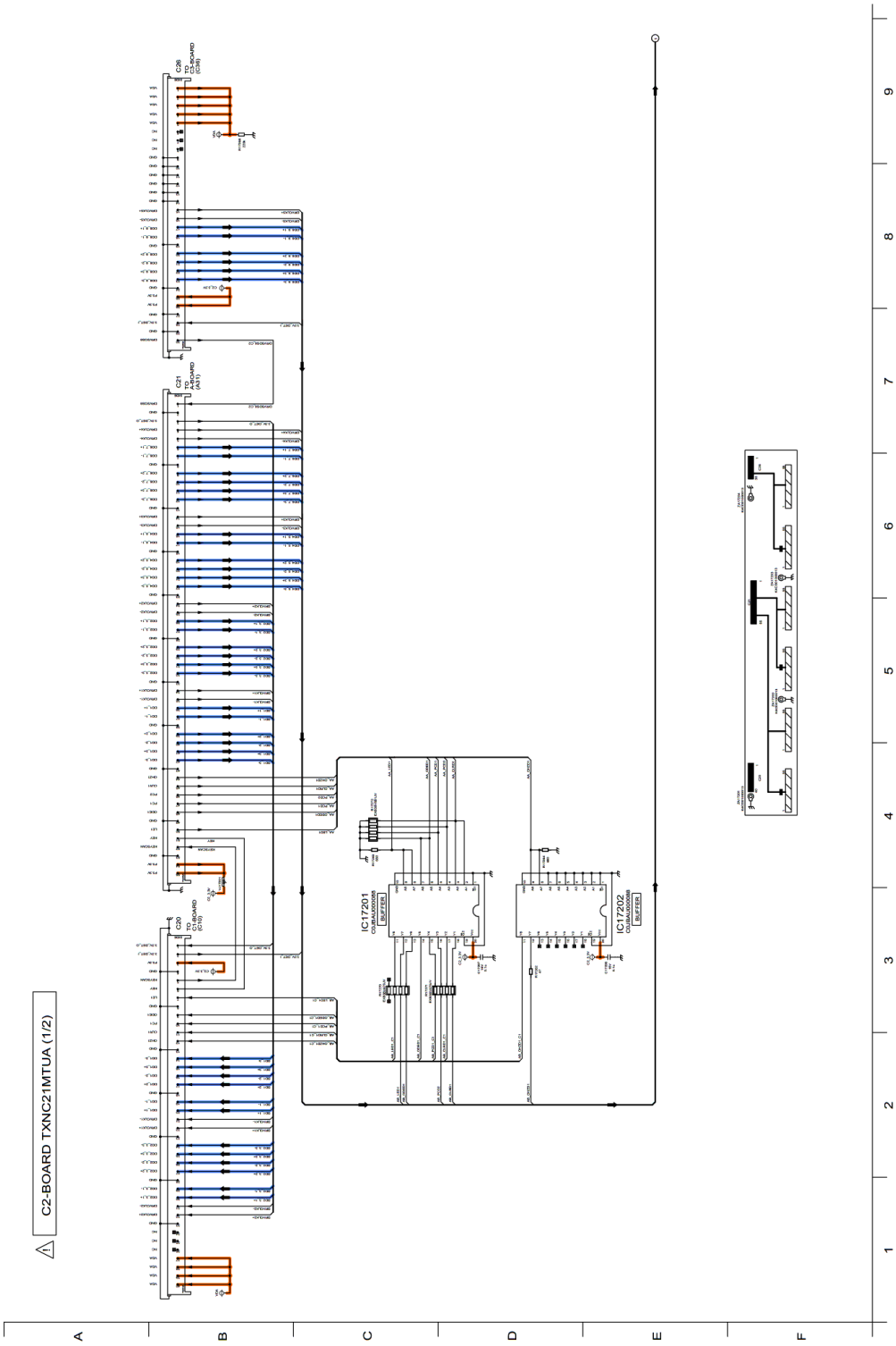


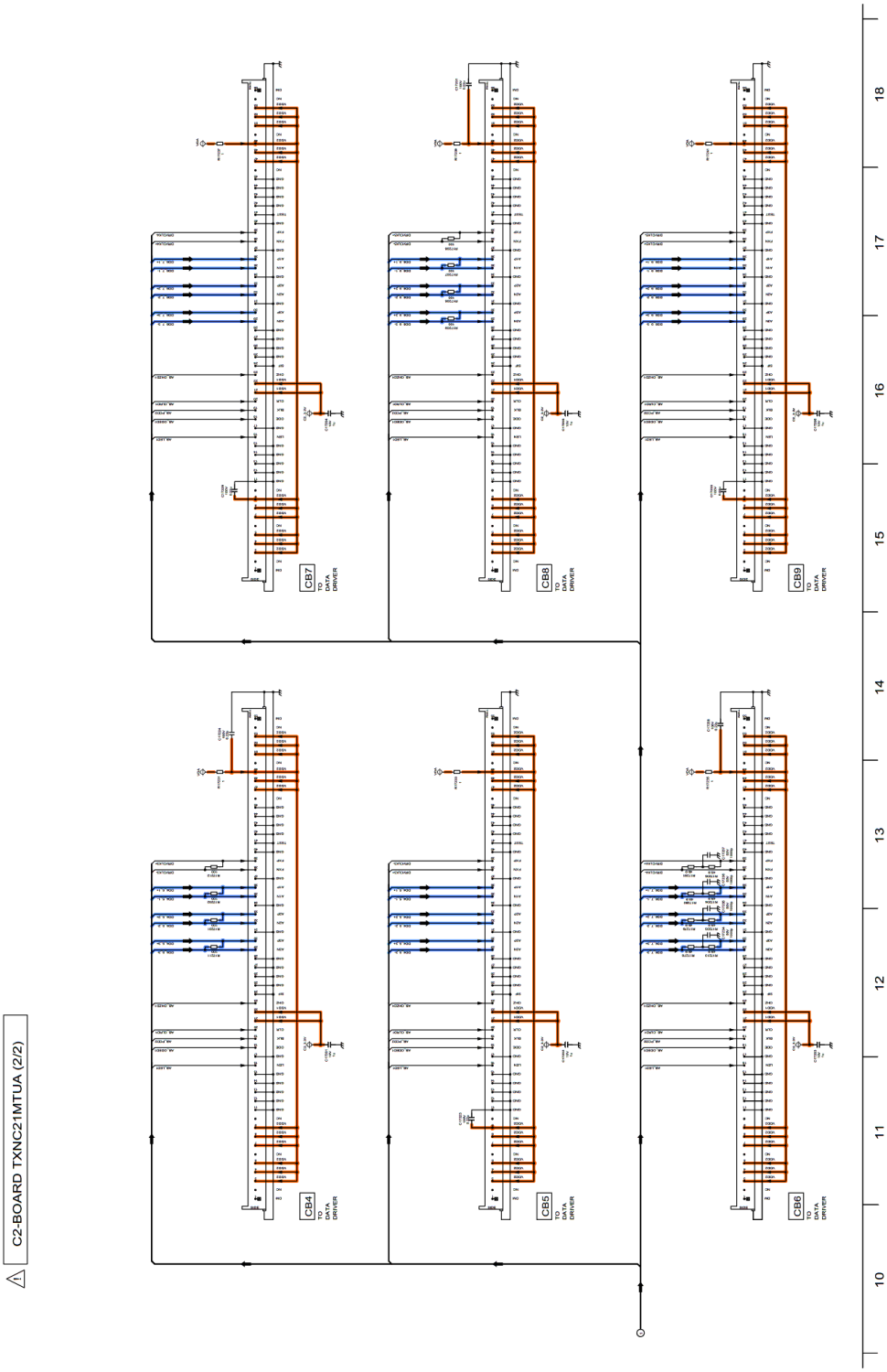


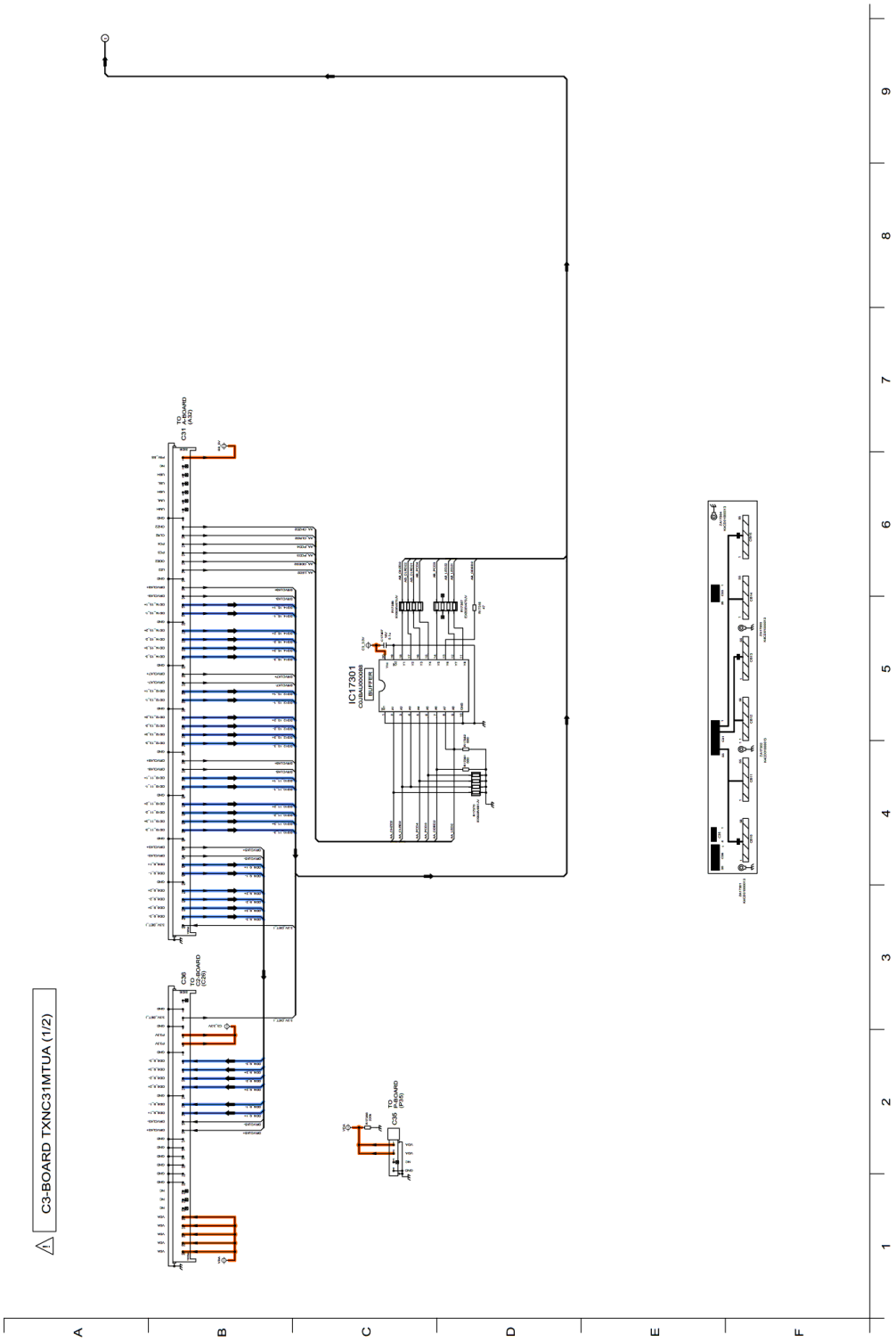


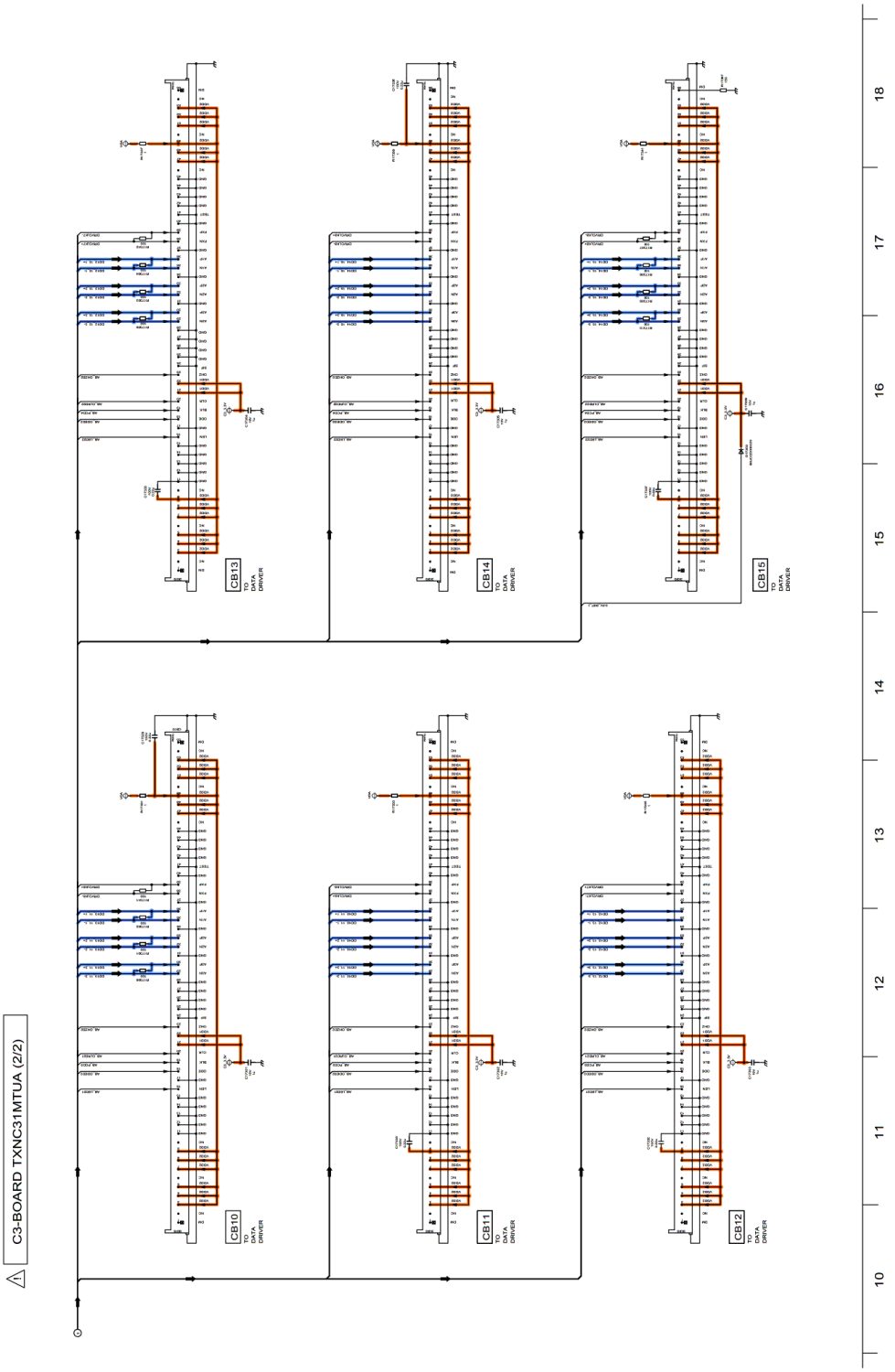


Model No. : TX-P55VT30B/Y C2-Board (1/2)

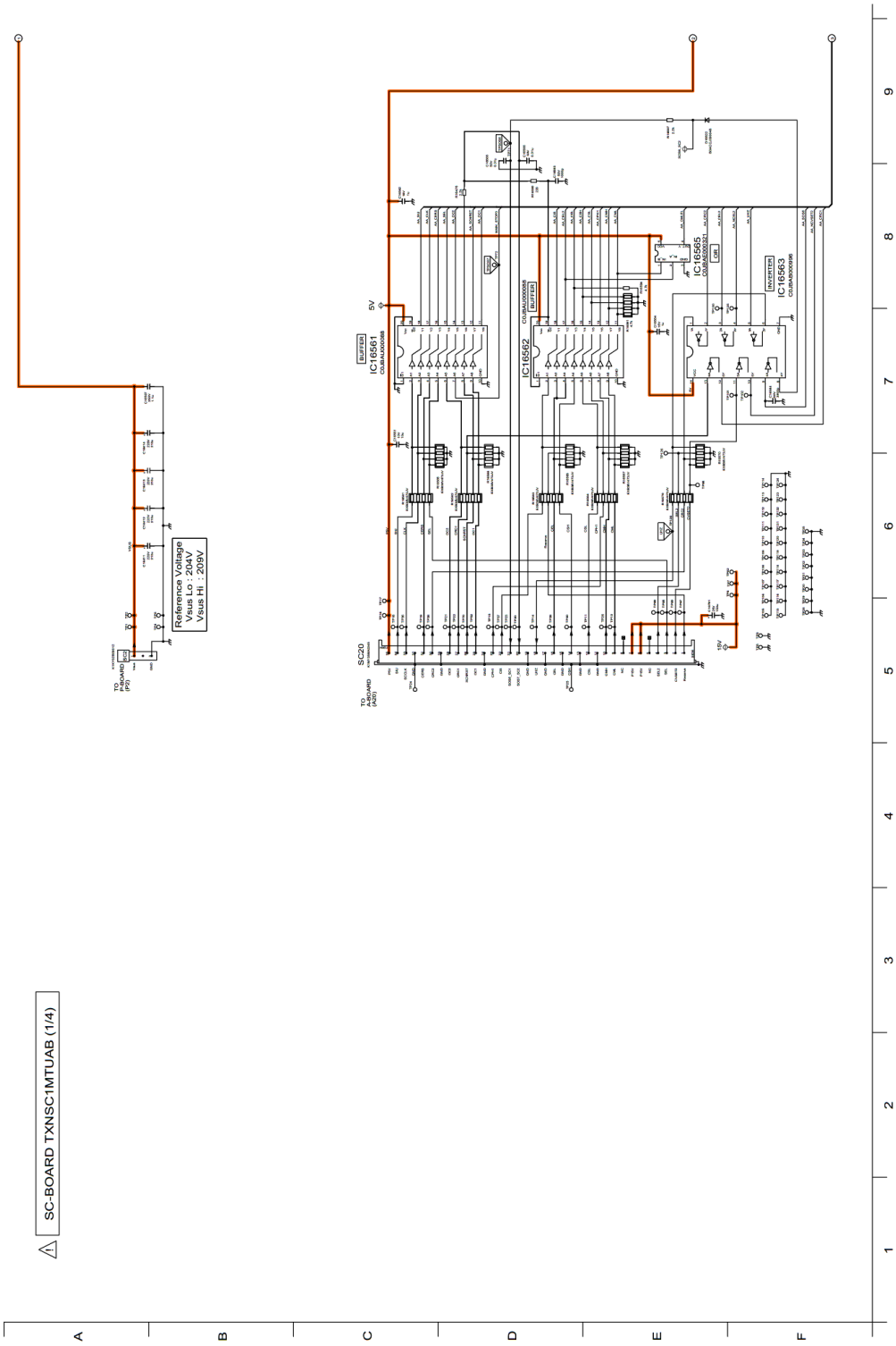


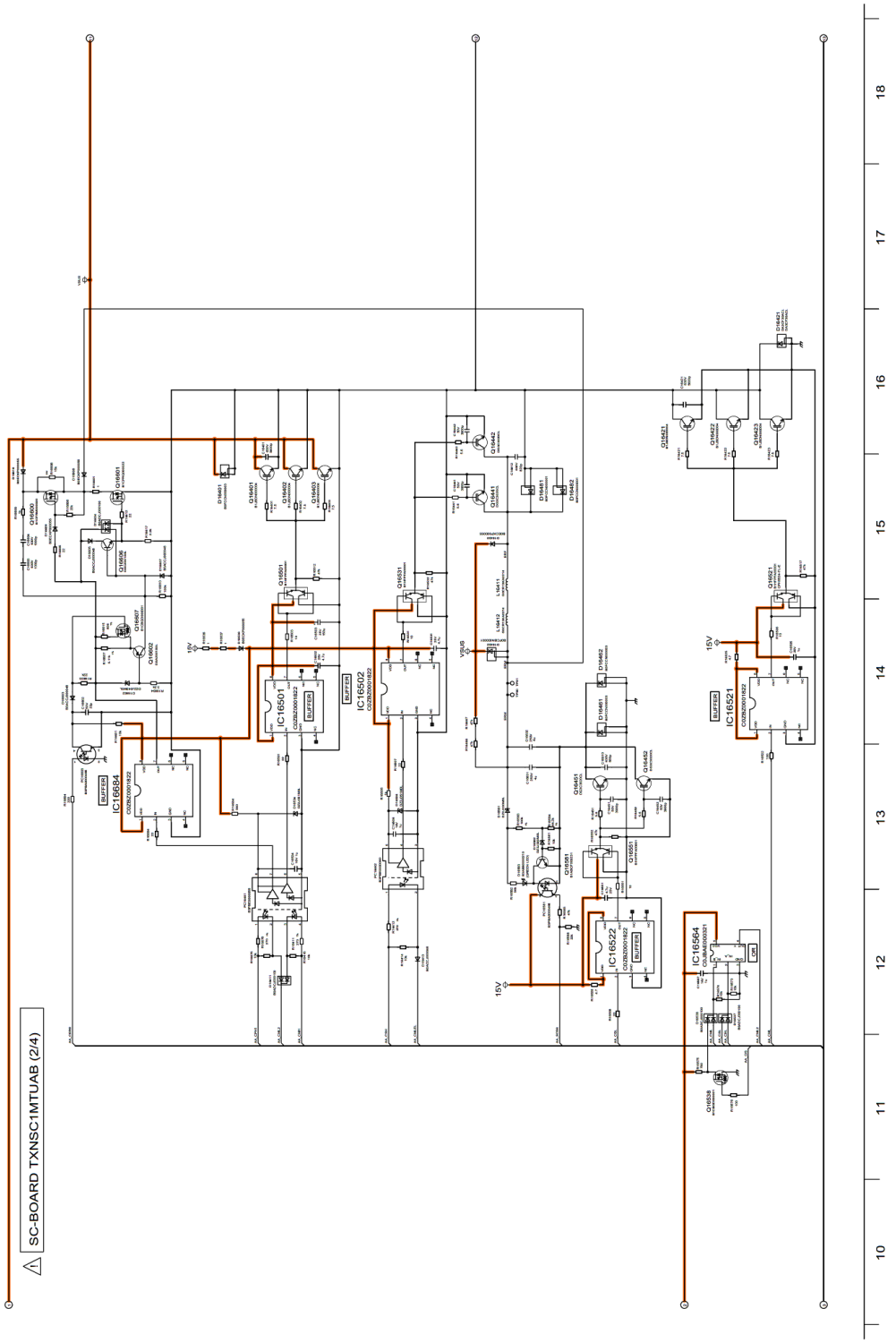




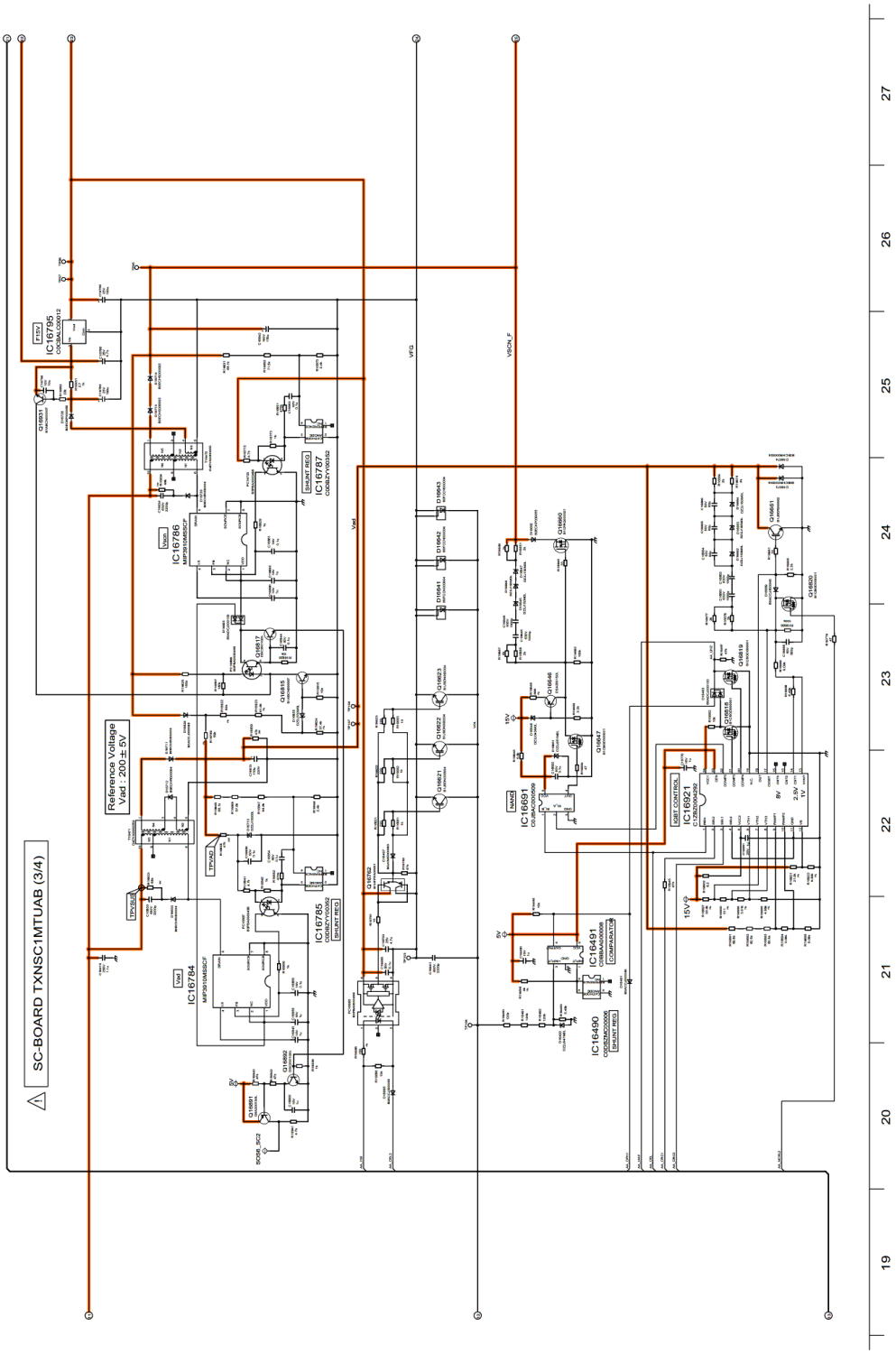


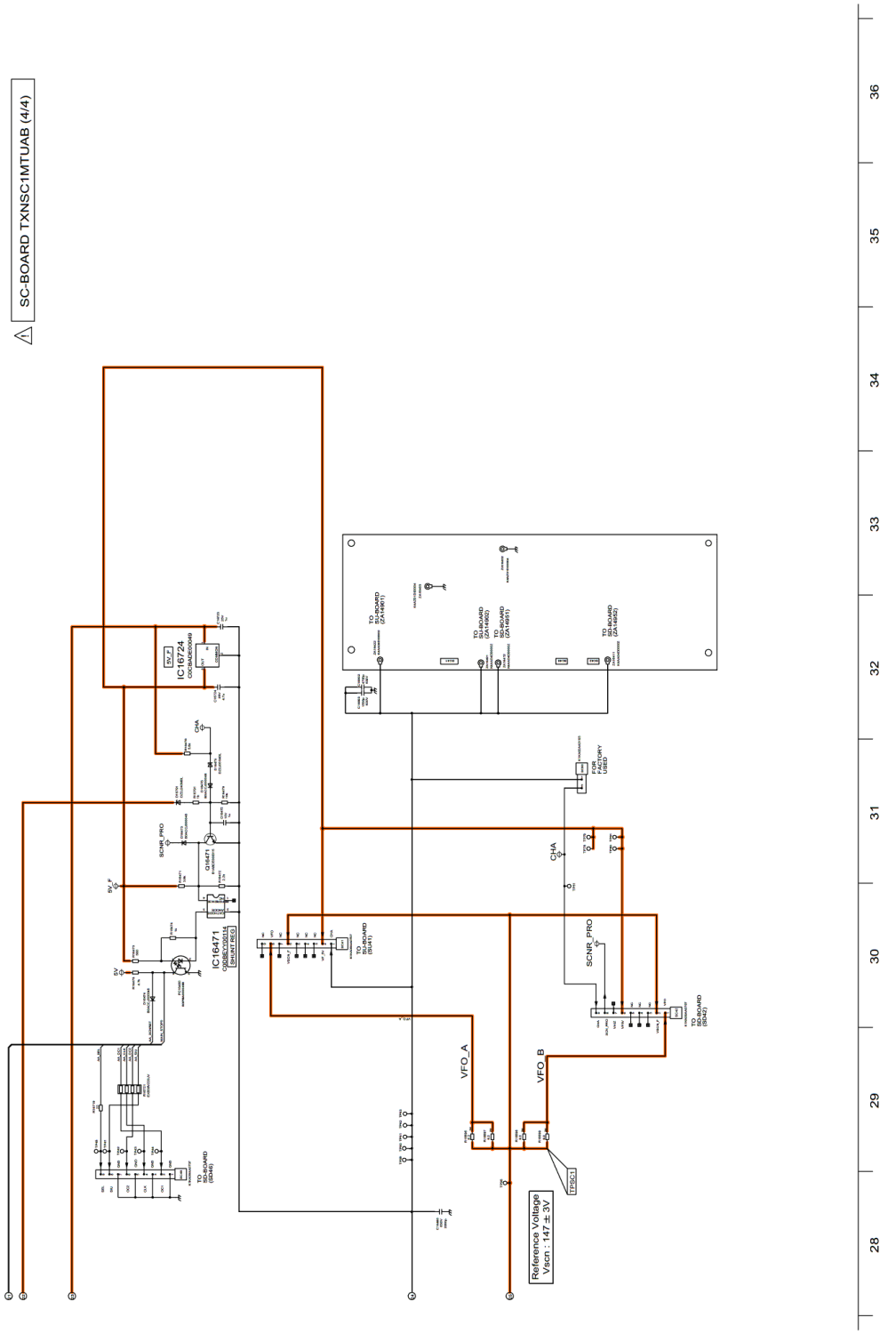
Model No. : TX-P55VT30B/Y SC-Board (1/4)



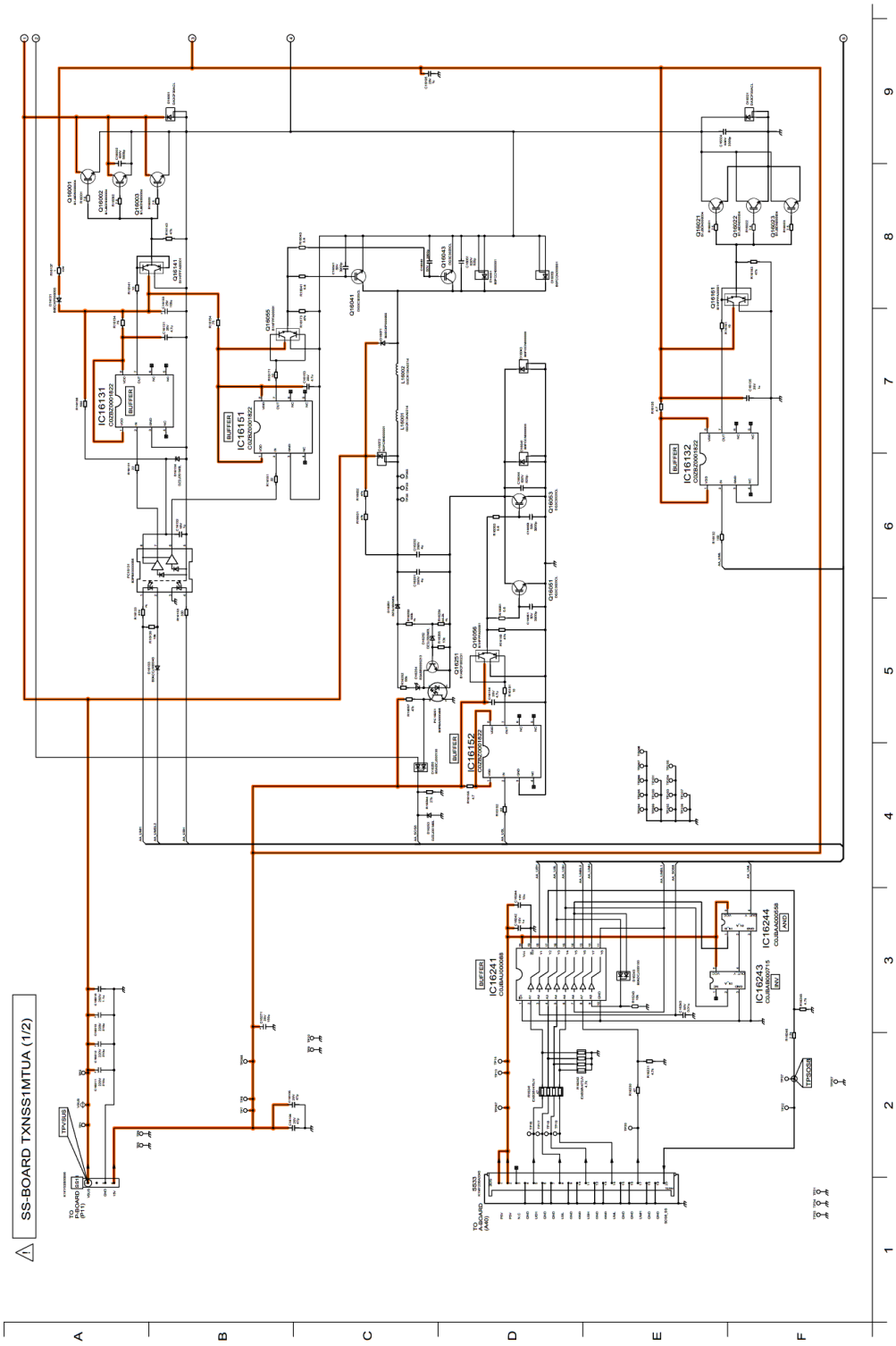


Model No. : TX-P55VT30B/Y SC-Board (3/4)

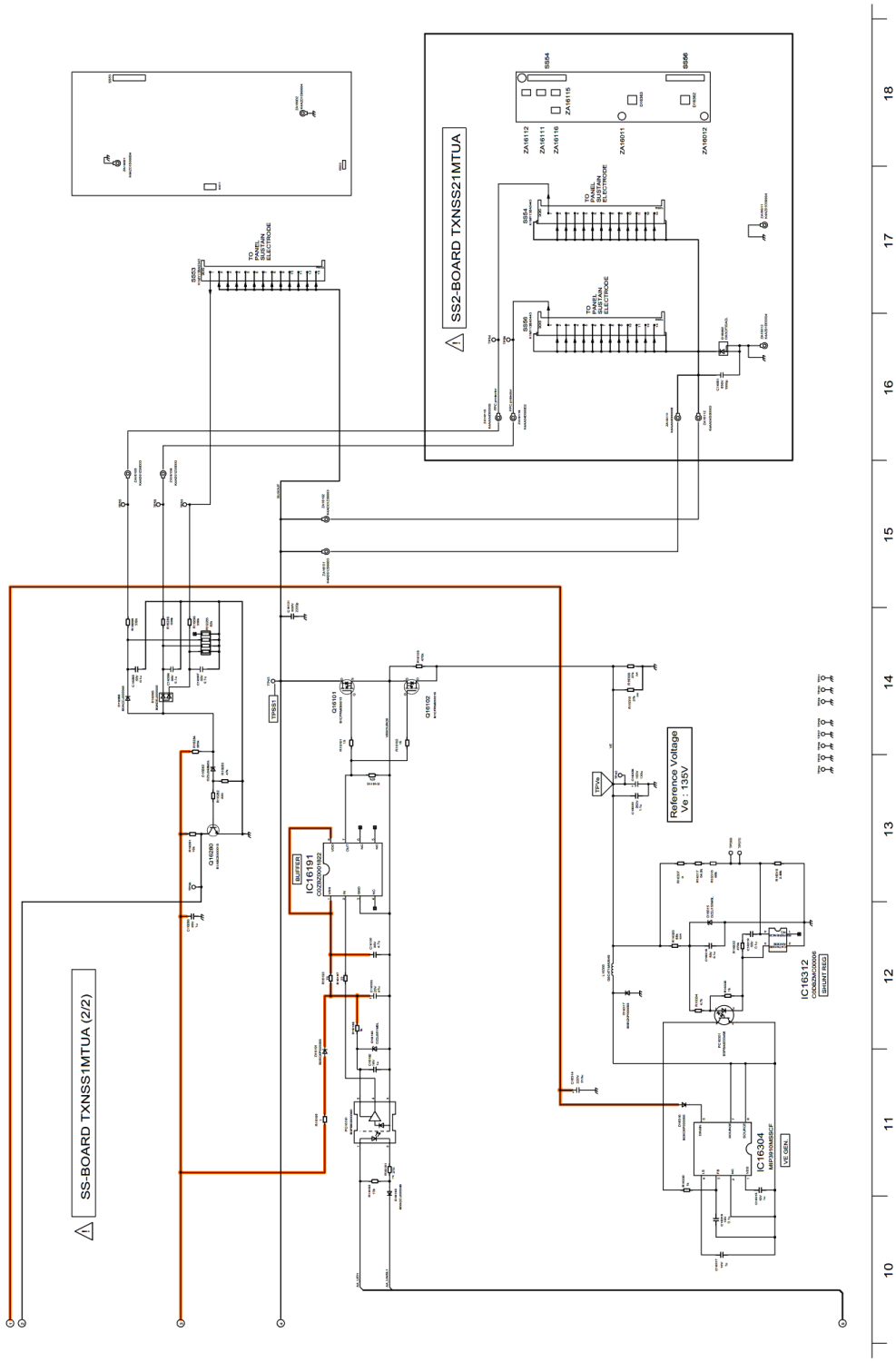




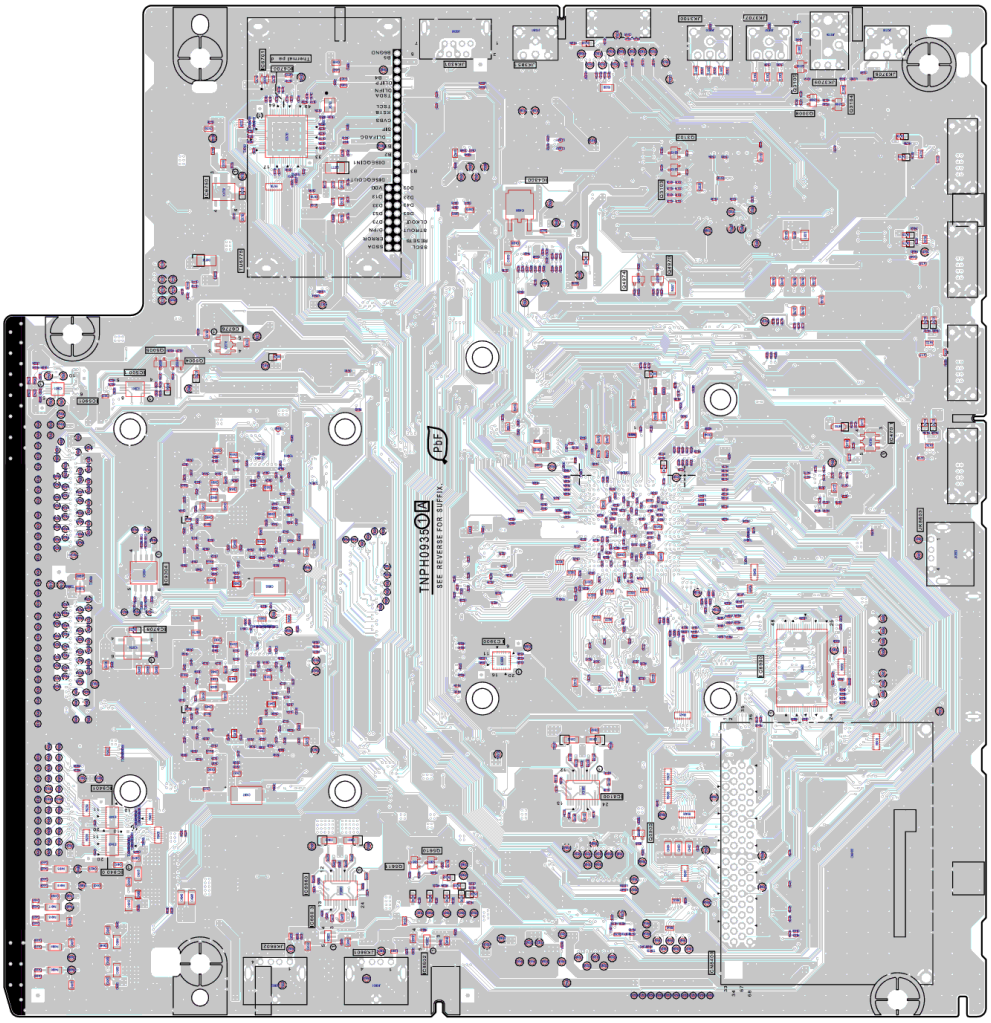
Model No. : TX-P55VT30B/Y SS-Board (1/2)



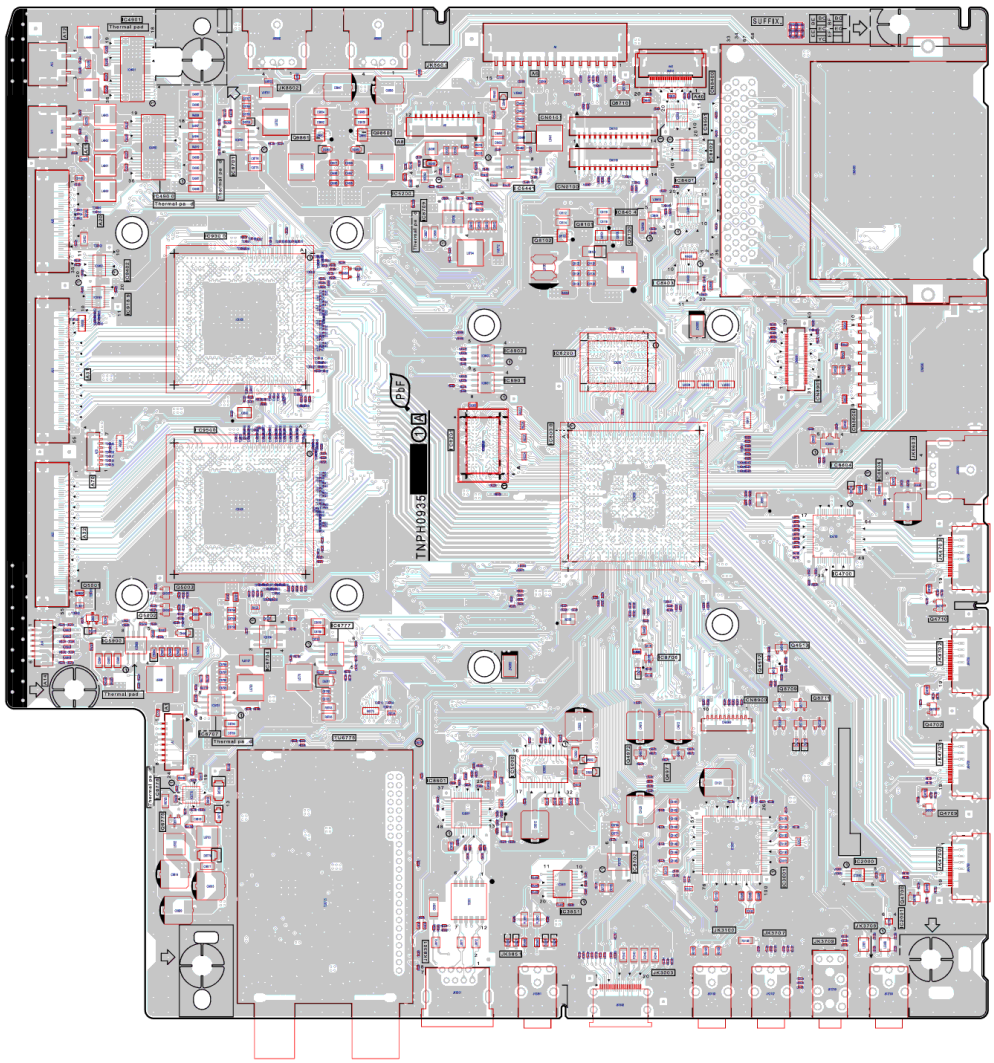
Model No. : TX-P55VT30B/Y SS-Board (2/2) and SS2-Board

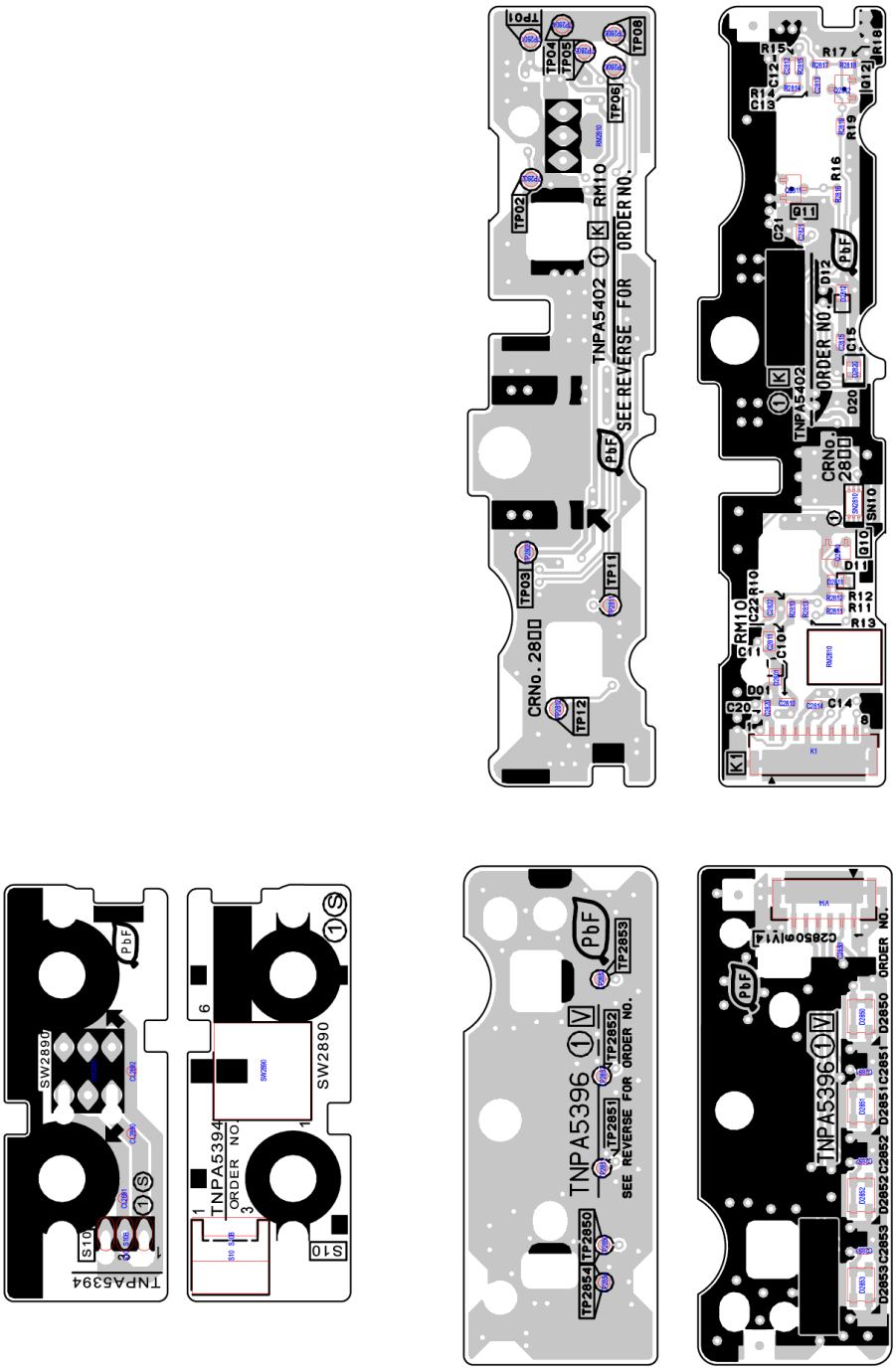


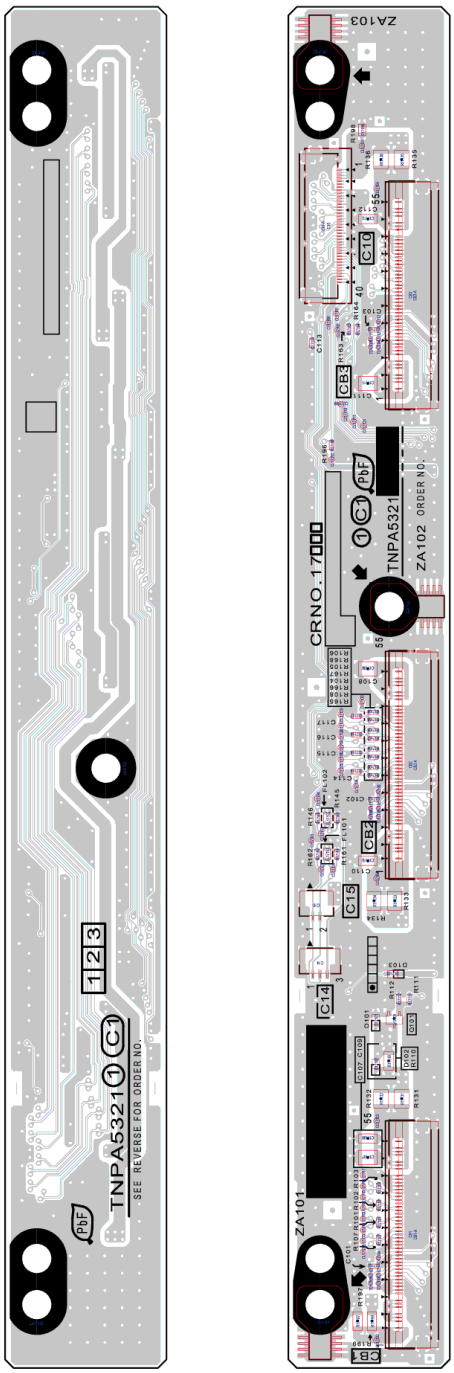
Model No. : TX-P55VT30B/Y A-Board (Foil side)

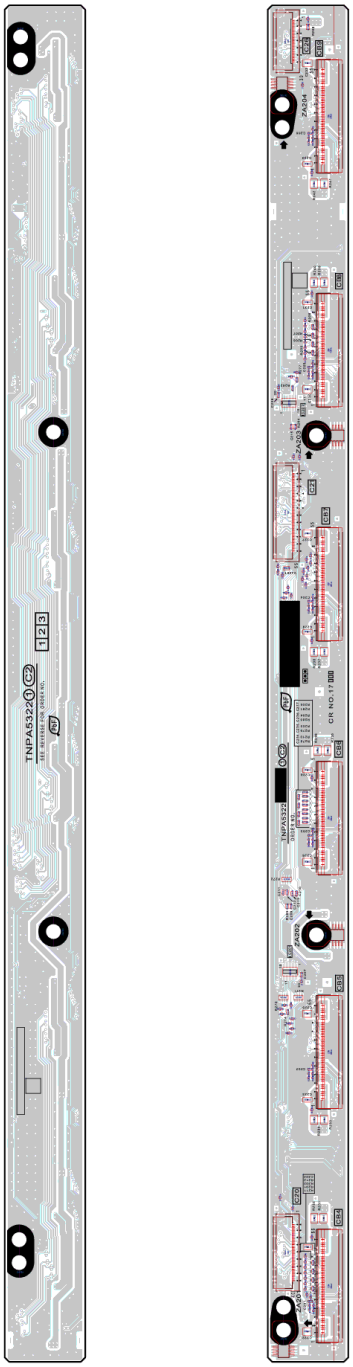


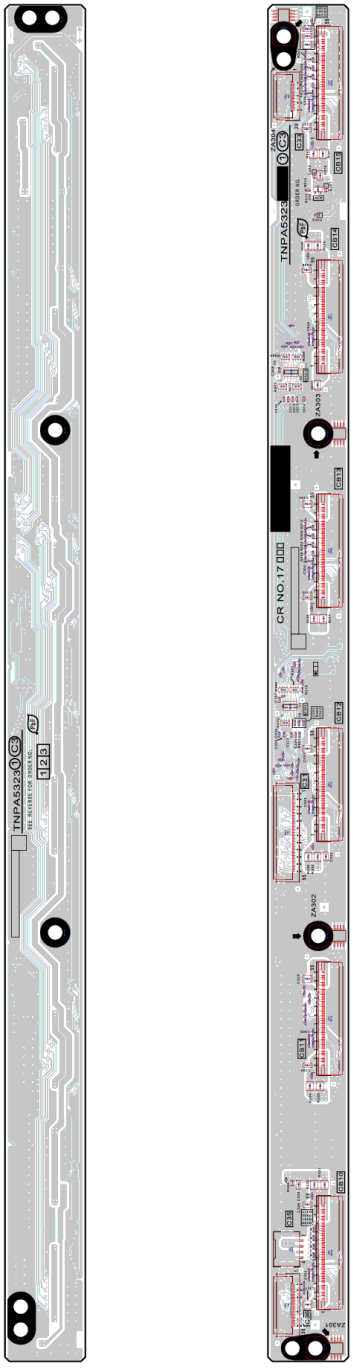
Model No. : TX-P55VT30B/Y A-Board (Component side)

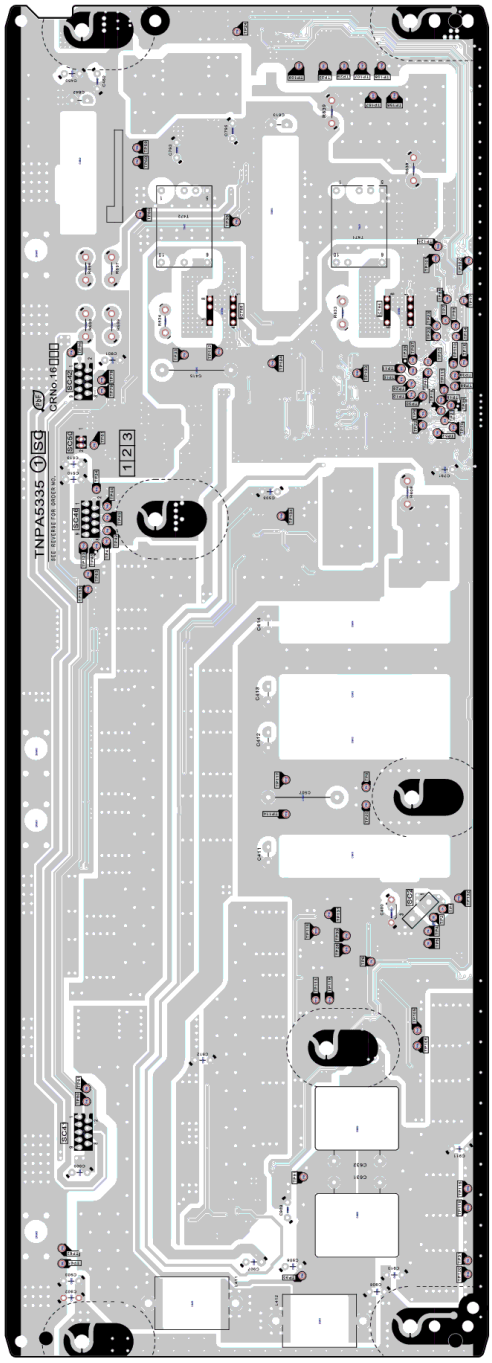




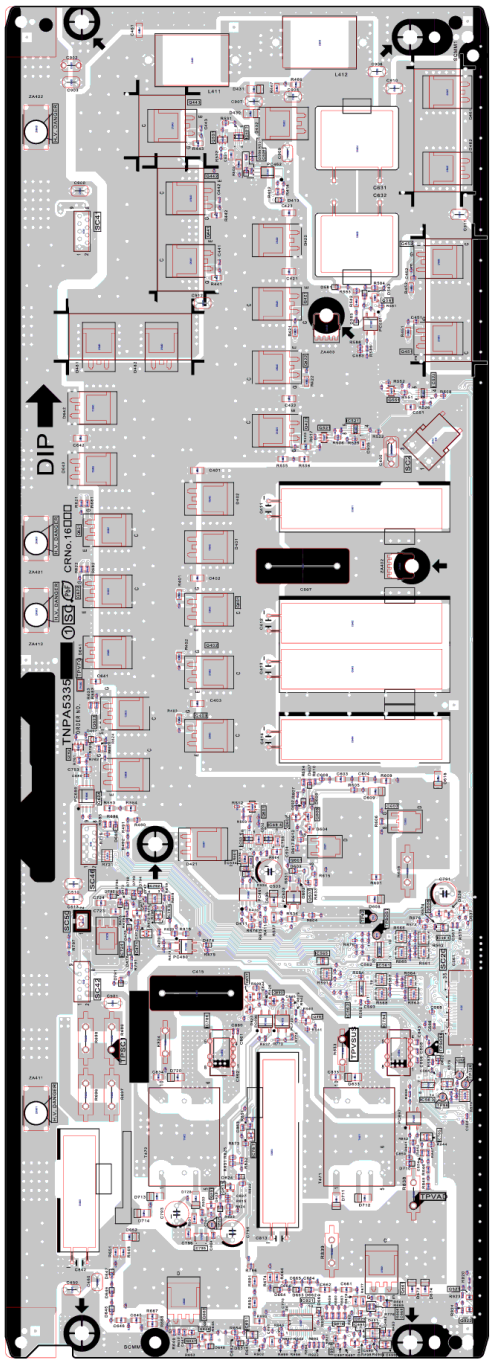




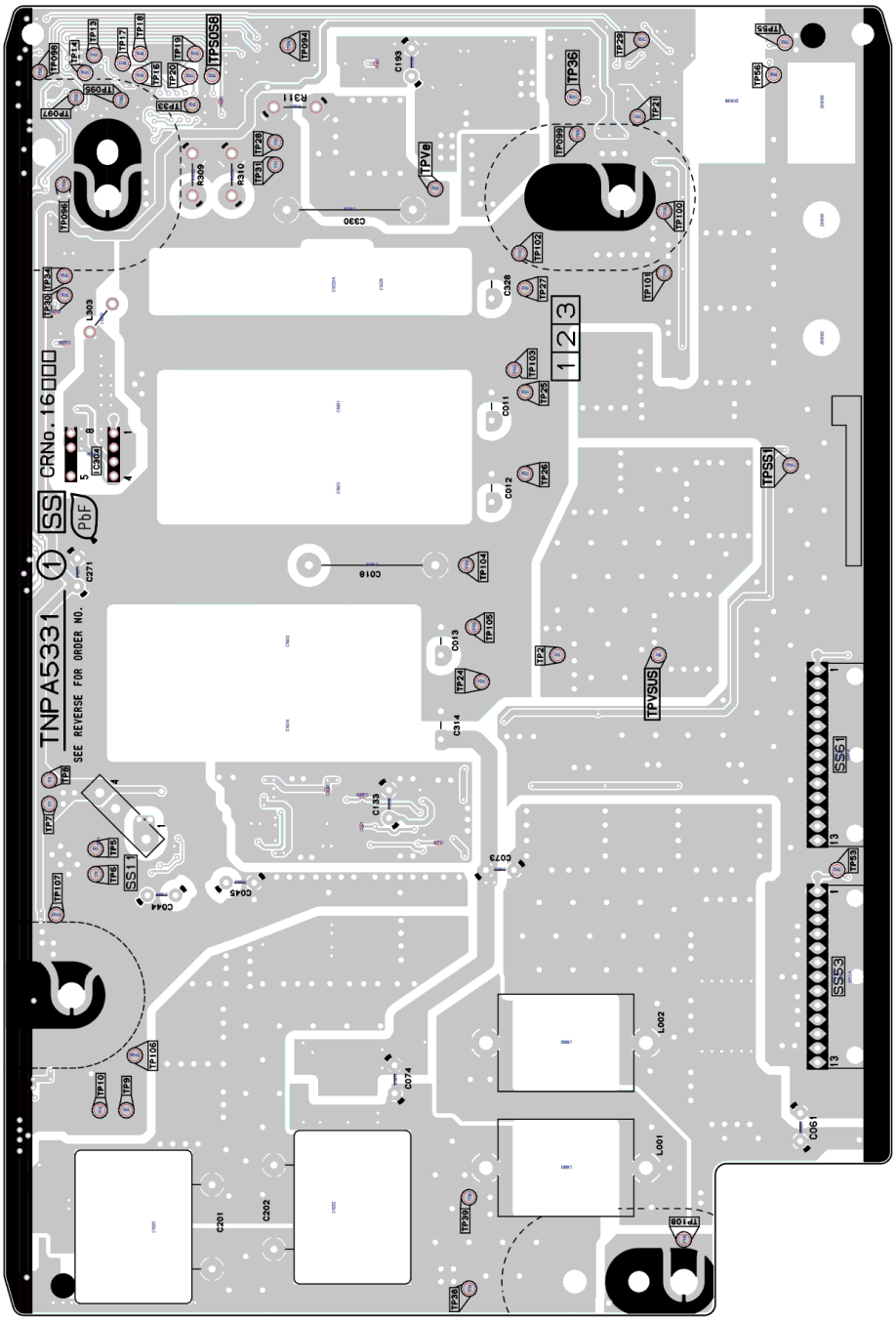




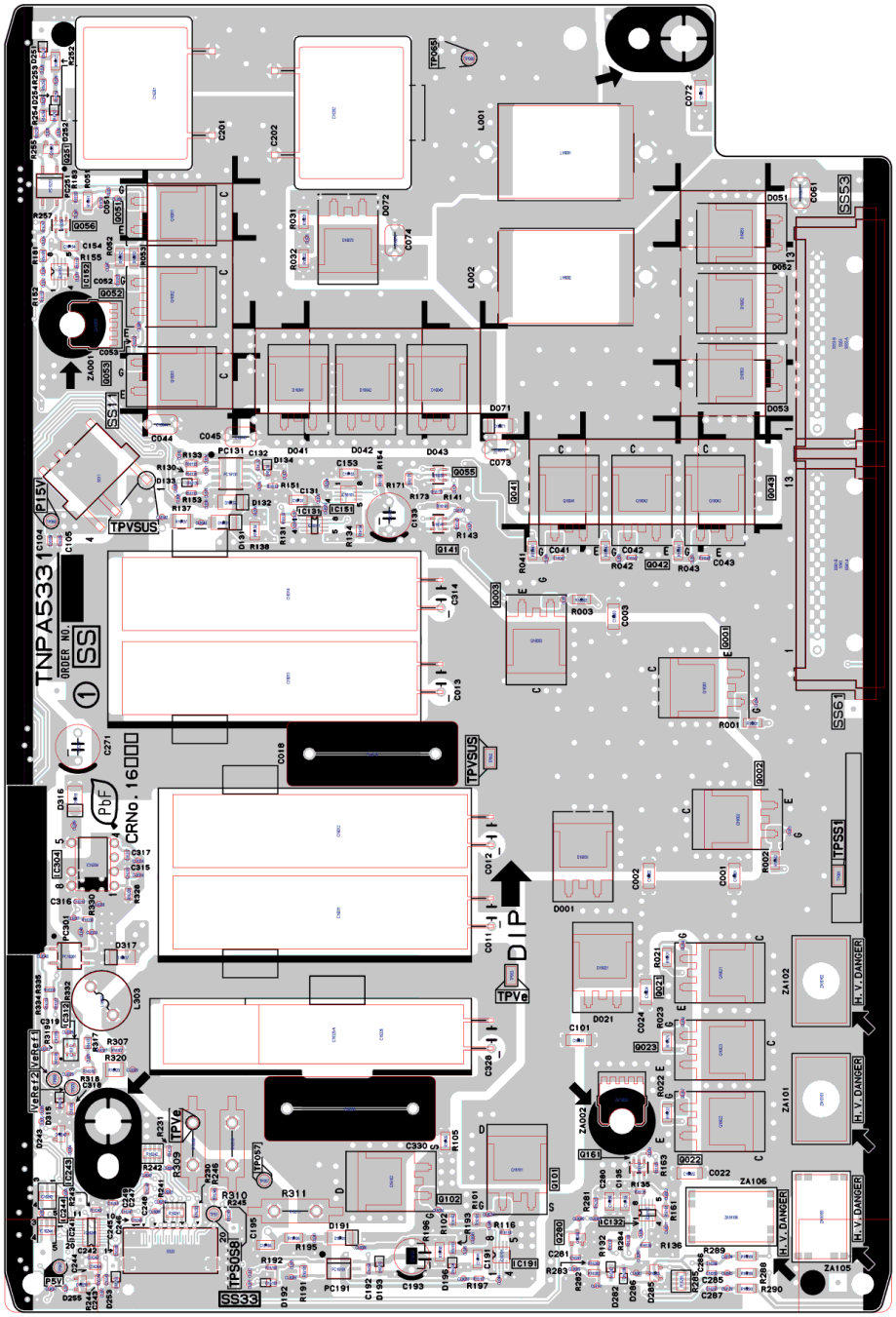
Model No. : TX-P55VT30B/Y SC-Board (Component side)

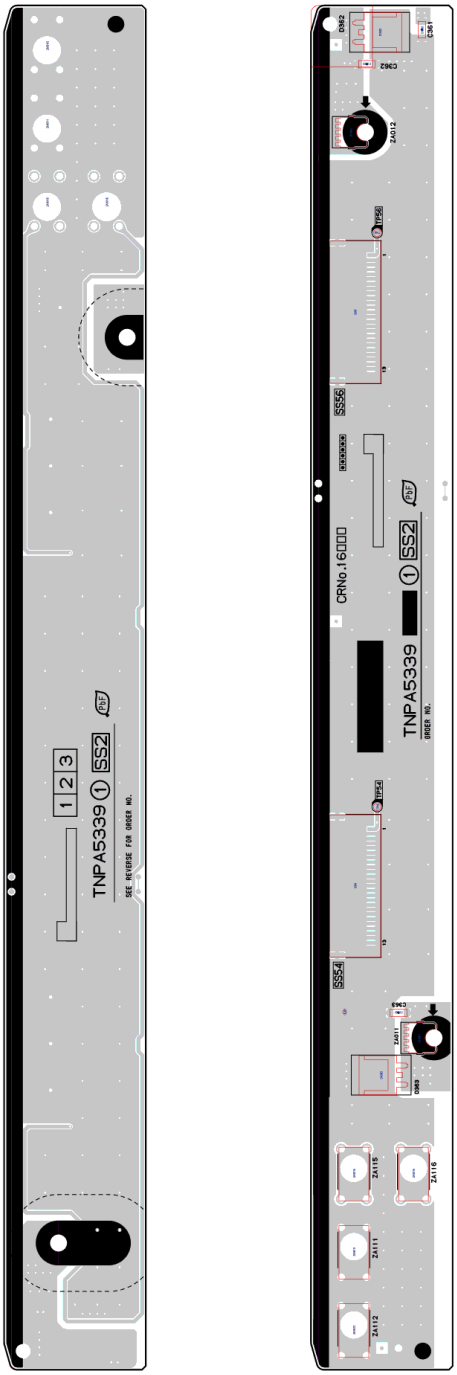


Model No. : TX-P55VT30B/Y SS-Board (Foil side)



Model No. : TX-P55VT30B/Y SS-Board (Component side)





Model No. : TX-P55VT30B/Y Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
⚠	PCB	N0AE6KL00005	CIRCUIT BOARD P(MAIN)	1	
⚠	PCB	N0AE6KL00009	CIRCUIT BOARD P(SUB)	1	
⚠	PCB	A-P55VT30B	CIRCUIT BOARD A	1	(B) (RTL) PAVCCZ
⚠	PCB	A-P55VT30Y	CIRCUIT BOARD A	1	(Y) (RTL) PAVCCZ
⚠	PCB	TXN/K1RLUE	CIRCUIT BOARD K	1	(RTL) PAVCCZ
⚠	PCB	TXN/S1QNUE	CIRCUIT BOARD S	1	(RTL) PAVCCZ
⚠	PCB	TXN/V1QNUE	CIRCUIT BOARD V	1	(RTL) PAVCCZ
⚠	PCB	TXNC11MTUA	CIRCUIT BOARD C1	1	(RTL)
⚠	PCB	TXNC21MTUA	CIRCUIT BOARD C2	1	(RTL)
⚠	PCB	TXNC31MTUA	CIRCUIT BOARD C3	1	(RTL)
⚠	PCB	TXNSC1MTUAB	CIRCUIT BOARD SC	1	(RTL) PAVCCZ
⚠	PCB	TXNSD1MTUA	CIRCUIT BOARD SD	1	
⚠	PCB	TXNSS1MTUA	CIRCUIT BOARD SS	1	(RTL) PAVCCZ
⚠	PCB	TXNSS21MTUA	CIRCUIT BOARD SS2	1	(RTL)
⚠	PCB	TXNSU1MTUA	CIRCUIT BOARD SU	1	PAVCCZ
	A1	K1KY08AA0719	8P CONNECTOR	1	
	A6	K1KY15B00006	15P CONNECTOR	1	
	A8	K1KY12AA0719	12P CONNECTOR	1	
	A11	K1KY04B00013	4P CONNECTOR	1	
	A12	K1KY02B00018	2P CONNECTOR	1	
	A14	K1KY06AA0719	6P CONNECTOR	1	
	A20	K1MY35BA0345	35P CONNECTOR	1	
	A31	K1MY55BA0345	55P CONNECTOR	1	
	A32	K1MY55BA0345	55P CONNECTOR	1	
	A40	K1MN20BA0231	20P CONNECTOR	1	
	C0900	F1G1H101A565	C 100PF 50V	1	
	C0901	F1G1H101A565	C 100PF 50V	1	
	C0902	F1G1H101A565	C 100PF 50V	1	
	C0903	F1G1H101A565	C 100PF 50V	1	
	C2000	F1G1E1030005	C 0.01UF 25V	1	
	C2003	F1J1A106A087	C 10UF, 10V	1	
	C2004	F1J1E105A231	C 1 UF 25V	1	
	C2010	F1G1C104A077	C 0.1UF 16V	1	
	C2752	F1G1E1030005	C 0.01UF 25V	1	
	C2753	F1G1A105A047	C 1UF 10V	1	
	C2810	ECJ1VB1H103K	C 0.01UF, 50V	1	
	C2811	F1J1A106A087	C 10UF, 10V	1	
	C2815	ECJ1VB1H103K	C 0.01UF, 50V	1	
	C2821	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C2850	F1G1A473A032	C0.047UF, 10V	1	
	C2851	F1G1A473A032	C0.047UF, 10V	1	
	C2852	F1G1A473A032	C0.047UF, 10V	1	
	C2853	F1G1A473A032	C0.047UF, 10V	1	
	C3001	F1G1A105A047	C 1UF 10V	1	
	C3002	F1G1A105A047	C 1UF 10V	1	
	C3003	F1G1C104A077	C 0.1UF 16V	1	
	C3004	F1G1C104A077	C 0.1UF 16V	1	
	C3005	F1G1A105A047	C 1UF 10V	1	
	C3006	F1G1A105A047	C 1UF 10V	1	
	C3011	F1J1A106A043	C 10UF, 10V	1	
	C3016	F1G1C104A077	C 0.1UF 16V	1	
	C3018	F1G1C104A077	C 0.1UF 16V	1	
	C3019	F1G1C104A077	C 0.1UF 16V	1	
	C3020	F1J1A106A043	C 10UF, 10V	1	
	C3084	F1J1A106A043	C 10UF, 10V	1	
	C3085	F1J1A106A043	C 10UF, 10V	1	
	C3086	F1J1A106A043	C 10UF, 10V	1	
	C3105	F1G1H5610004	C 560 pF 50 V	1	
	C3106	F1G1H5610004	C 560 pF 50 V	1	
	C3108	F1G1E333A091	C 0.033UF 25V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C3109	F1G1E333A091	C 0.033UF 25V	1	
	C3111	F1G1A105A047	C 1UF 10V	1	
	C3112	F1G1A105A047	C 1UF 10V	1	
	C3113	F1J1A106A043	C 10UF, 10V	1	
	C3120	F2H1A101A040	C 100UF, 10V	1	
	C3121	F2H1A101A040	C 100UF, 10V	1	
	C3124	F1J1A106A087	C 10UF, 10V	1	
	C3130	F1J1A106A043	C 10UF, 10V	1	
	C3131	F1J1A106A043	C 10UF, 10V	1	
	C3132	F1J1A106A043	C 10UF, 10V	1	
	C3135	F1G1H5610004	C 560 pF 50 V	1	
	C3136	F1G1H5610004	C 560 pF 50 V	1	
	C3139	F1G1H5610004	C 560 pF 50 V	1	
	C3140	F1G1H5610004	C 560 pF 50 V	1	
	C3145	F1J1A106A043	C 10UF, 10V	1	
	C3146	F1J1A106A043	C 10UF, 10V	1	
	C3147	F1J1A106A043	C 10UF, 10V	1	
	C3148	F1J1A106A043	C 10UF, 10V	1	
	C3151	F1G1A105A047	C 1UF 10V	1	
	C3152	F1G1A105A047	C 1UF 10V	1	
	C3153	F1G1H5610004	C 560 pF 50 V	1	
	C3154	F1G1H5610004	C 560 pF 50 V	1	
	C3159	F1J1A106A043	C 10UF, 10V	1	
	C3160	F1J1A106A043	C 10UF, 10V	1	
	C3161	F1J1A106A043	C 10UF, 10V	1	
	C3162	F1J1A106A043	C 10UF, 10V	1	
	C3163	F1J1A106A043	C 10UF, 10V	1	
	C3166	F1G1H1020008	C 1000PF 50V	1	
	C3172	F1G1A105A047	C 1UF 10V	1	
	C3173	F1G1A105A047	C 1UF 10V	1	
	C3174	F1G1A105A047	C 1UF 10V	1	
	C3175	F1G1A105A047	C 1UF 10V	1	
	C3178	F1J1A106A043	C 10UF, 10V	1	
	C3179	F1J1A106A043	C 10UF, 10V	1	
	C3851	ECJ1VB1A105K	C 1UF, 10V	1	
	C3852	F1G1C104A077	C 0.1UF 16V	1	
	C3853	F1G1C104A077	C 0.1UF 16V	1	
	C3854	F1G1C104A077	C 0.1UF 16V	1	
	C3855	F1G1C104A077	C 0.1UF 16V	1	
	C4546	F1G1A105A047	C 1UF 10V	1	
	C4551	ECJ1VB0J105K	C 1UF, 6.3V	1	
	C4713	F1G1C104A077	C 0.1UF 16V	1	
	C4716	F1G1C104A077	C 0.1UF 16V	1	
	C4717	F1J1A106A087	C 10UF, 10V	1	
	C4718	F1J1A475A087	C 4.7UF, 10V	1	
	C4719	F1G1C104A077	C 0.1UF 16V	1	
	C4721	F1G1C104A077	C 0.1UF 16V	1	
	C4722	F1G1C104A077	C 0.1UF 16V	1	
	C4723	F1G1C104A077	C 0.1UF 16V	1	
	C4727	F1J1A106A087	C 10UF, 10V	1	
	C4800	F1G1A105A047	C 1UF 10V	1	
	C4801	F1G1A105A047	C 1UF 10V	1	
	C4802	F1G1H220A565	C 22PF, 50V	1	
	C4808	F1G1C104A077	C 0.1UF 16V	1	
	C4809	F1J1A106A043	C 10UF, 10V	1	
	C4813	F1G1C104A077	C 0.1UF 16V	1	
	C4817	F1G1H330A565	C 33PF, 50V	1	
	C4818	F1G1H330A565	C 33PF, 50V	1	
	C4820	F1J1E105A231	C 1 UF 25V	1	
	C4821	ECJ1VB1A105K	C 1UF, 10V	1	
	C4822	F1G1H1020008	C 1000PF 50V	1	
	C4898	F1G1H150A565	C 15PF, 50V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C4899	F1G1H150A565	C 15PF, 50V	1	
	C4900	ECJ1XC1H102J	C 1000PF, J, 50V	1	
	C4901	F1G1C104A077	C 0.1UF 16V	1	
	C4902	F1G1H1020008	C 1000PF 50V	1	
	C4903	F1G1C104A077	C 0.1UF 16V	1	
	C4908	F1G1H1020008	C 1000PF 50V	1	
	C4909	F1J1E105A231	C 1 UF 25V	1	
	C4910	F1K1E106A136	C 10UF, 25V	1	
	C4911	F1H1H104A970	C 0.1UF, , 50V	1	
	C4912	F1J1E105A231	C 1 UF 25V	1	
	C4913	F1H1H104A970	C 0.1UF, , 50V	1	
	C4914	F1J1E105A231	C 1 UF 25V	1	
	C4915	F1H1H104A970	C 0.1UF, , 50V	1	
	C4916	F1K1E106A136	C 10UF, 25V	1	
	C4917	F1H1H104A970	C 0.1UF, , 50V	1	
	C4918	F1J1E105A231	C 1 UF 25V	1	
	C4919	F1G1H1020008	C 1000PF 50V	1	
	C4921	F1J1E4740001	C 0.47UF, 25V	1	
	C4922	F1J1E4740001	C 0.47UF, 25V	1	
	C4924	F1J1E4740001	C 0.47UF, 25V	1	
	C4925	F1J1E4740001	C 0.47UF, 25V	1	
	C4934	F1G1H1020008	C 1000PF 50V	1	
	C4935	F1G1H1020008	C 1000PF 50V	1	
	C4936	F1G1H1020008	C 1000PF 50V	1	
	C4937	F1G1H1020008	C 1000PF 50V	1	
	C4938	F1K1E106A136	C 10UF, 25V	1	
	C4939	F1K1E106A136	C 10UF, 25V	1	
	C4942	F1G1H1020008	C 1000PF 50V	1	
	C4943	F1J1E105A231	C 1 UF 25V	1	
	C4944	F1K1E106A136	C 10UF, 25V	1	
	C4948	F1J1E105A231	C 1 UF 25V	1	
	C4949	F1H1H104A970	C 0.1UF, , 50V	1	
	C4951	F1H1H104A970	C 0.1UF, , 50V	1	
	C4952	F1J1E105A231	C 1 UF 25V	1	
	C4953	F1G1H1020008	C 1000PF 50V	1	
	C4970	F1J1A106A087	C 10UF, 10V	1	
	C4971	F1J1A106A087	C 10UF, 10V	1	
	C4972	F2H1A101A040	C 100UF, 10V	1	
	C4973	F2H1A101A040	C 100UF, 10V	1	
	C4974	F1G1E333A091	C 0.033UF 25V	1	
	C4975	F1G1E333A091	C 0.033UF 25V	1	
	C4977	F1J1E4740001	C 0.47UF, 25V	1	
	C4978	F1J1E4740001	C 0.47UF, 25V	1	
	C4983	F1G1H1020008	C 1000PF 50V	1	
	C4984	F1G1H1020008	C 1000PF 50V	1	
	C4986	F1K1E106A136	C 10UF, 25V	1	
	C4988	F1J1E105A231	C 1 UF 25V	1	
	C4989	F1H1H104A970	C 0.1UF, , 50V	1	
	C4990	F1H1H104A970	C 0.1UF, , 50V	1	
	C5000	F1G1E1030005	C 0.01UF 25V	1	
	C5002	F1K1E106A136	C 10UF, 25V	1	
	C5003	F1H1C105A145	C 1 uF 16 V	1	
	C5007	F1G1C104A077	C 0.1UF 16V	1	
	C5009	F1G1C104A077	C 0.1UF 16V	1	
	C5011	F1G1C104A077	C 0.1UF 16V	1	
	C5012	EEEHB1C101UP	C 100PF, J, 16V	1	
	C5013	ECJ1VB1A105K	C 1UF, 10V	1	
	C5014	ECJ1VB1A105K	C 1UF, 10V	1	
	C5015	ECJ1VB1A105K	C 1UF, 10V	1	
	C5016	ECJ1VB1A105K	C 1UF, 10V	1	
	C5017	ECJ1VB1A105K	C 1UF, 10V	1	
	C5018	F1G1C104A077	C 0.1UF 16V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C5020	F1G1E1030005	C 0.01UF 25V	1	
	C5200	F1K1E106A136	C 10UF, 25V	1	
	C5201	F1G1C104A077	C 0.1UF 16V	1	
	C5202	F1J1A106A043	C 10UF, 10V	1	
	C5203	F1G1C104A077	C 0.1UF 16V	1	
	C5204	F1J1A106A043	C 10UF, 10V	1	
	C5205	F1G1E6820007	C 6800pF 25V	1	
	C5449	F1G1H103A509	C 0.01PF, 50V	1	
	C5452	F1J1A106A043	C 10UF, 10V	1	
	C5453	F1J1A106A043	C 10UF, 10V	1	
	C5454	F1J1A106A043	C 10UF, 10V	1	
	C5455	F1K1E106A136	C 10UF, 25V	1	
	C5456	F1K1E106A136	C 10UF, 25V	1	
	C5457	F1G1H821A459	C 820 pF 50 V	1	
	C5900	F1J1A106A043	C 10UF, 10V	1	
	C5901	F1J1A106A043	C 10UF, 10V	1	
	C5902	F1J1A106A043	C 10UF, 10V	1	
	C5905	F1G1C223A081	C 0.022UF, 16V	1	
	C5906	F1K1E106A136	C 10UF, 25V	1	
	C5908	F1G1A333A032	C0.033UF, 10V	1	
	C5909	F1G1H1020008	C 1000PF 50V	1	
	C5911	F1J1A106A043	C 10UF, 10V	1	
	C5912	F1G1E472A086	C 4700pF 25V	1	
	C5913	F1G1A473A032	C0.047UF, 10V	1	
	C5915	F1G1A473A032	C0.047UF, 10V	1	
	C5917	F1G1A473A032	C0.047UF, 10V	1	
	C5919	F1G1A473A032	C0.047UF, 10V	1	
	C5921	F1G1H1020008	C 1000PF 50V	1	
	C5923	ECJ1VB1A105K	C 1UF, 10V	1	
	C6700	F1G1C104A077	C 0.1UF 16V	1	
	C6701	F1G1C104A077	C 0.1UF 16V	1	
	C6702	F1G1C104A077	C 0.1UF 16V	1	
	C6703	F1G1H100A565	C 10PF 50V	1	
	C6704	F1G1H100A565	C 10PF 50V	1	
	C6705	F1G1C104A077	C 0.1UF 16V	1	
	C6707	F1G1C104A077	C 0.1UF 16V	1	
	C6708	F1G1C104A077	C 0.1UF 16V	1	
	C6709	F1J1A106A087	C 10UF, 10V	1	
	C6711	F1G1C104A077	C 0.1UF 16V	1	
	C6712	F1G1C104A077	C 0.1UF 16V	1	
	C6713	F1G1C104A077	C 0.1UF 16V	1	
	C6714	F1G1C104A077	C 0.1UF 16V	1	
	C6715	F1G1C104A077	C 0.1UF 16V	1	
	C6716	F1G1C104A077	C 0.1UF 16V	1	
	C6717	F1G1C104A077	C 0.1UF 16V	1	
	C6718	ECJ1VB1A105K	C 1UF, 10V	1	
	C6719	F1G1C104A077	C 0.1UF 16V	1	
	C6720	F1J1A106A087	C 10UF, 10V	1	
	C6721	F1G1H101A565	C 100PF 50V	1	
	C6722	F1G1H101A565	C 100PF 50V	1	
	C6723	F1G1C104A077	C 0.1UF 16V	1	
	C6727	F1G1C104A077	C 0.1UF 16V	1	
	C6729	F1G1C104A077	C 0.1UF 16V	1	
	C6730	ECJ1VB1A105K	C 1UF, 10V	1	
	C6750	F1J1A475A087	C 4.7UF, 10V	1	
	C6751	F1J1A106A087	C 10UF, 10V	1	
	C6776	F1J1A106A087	C 10UF, 10V	1	
	C6778	F1J1A106A087	C 10UF, 10V	1	
	C6780	F1J1A106A087	C 10UF, 10V	1	
	C6781	F1J0G2260001	C 22 UF 4 V	1	
	C6782	F1J0G2260001	C 22 UF 4 V	1	
	C6787	F1J1A106A087	C 10UF, 10V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C6788	F1J1A106A087	C 10UF, 10V	1	
	C6789	F1G1C1030008	C 0.01UF 16V	1	
	C6790	F1K1E106A136	C 10UF, 25V	1	
	C6791	F1G1C1030008	C 0.01UF 16V	1	
	C6792	F1G1E392A123	C 3900pF 25V	1	
	C6793	ECJ1VB1E104K	C 0.1 UF, 25V	1	
	C6808	F1J1E105A171	C 1 UF 25V	1	
	C6809	ECJ1VB1A105K	C 1UF, 10V	1	
	C6810	F1G1H152A571	C 1500PF, 50V	1	
	C6811	F1H1H473A918	C 0.047UF, 50V	1	
	C6812	F1G1C104A077	C 0.1UF 16V	1	
	C6813	F1J1E2240015	C 0.22UF, 25V	1	PAVCCZ
	C6814	F2G1E1010028	E 100PF, 25V	1	PAVCCZ
	C6815	EEEFPE101XAP	C 100UF, Z, 25V	1	PAVCCZ
	C6816	F1G1H471A731	C 470PF, 50V	1	
	C6817	F1K1E106A136	C 10UF, 25V	1	
	C6818	F1K1E106A136	C 10UF, 25V	1	
	C6819	F1K1E106A136	C 10UF, 25V	1	
	C6830	ECJ1XC1H102J	C 1000PF, J, 50V	1	
	C8001	F1G1C104A077	C 0.1UF 16V	1	
	C8002	F1J1A106A087	C 10UF, 10V	1	
	C8003	F1G1C104A077	C 0.1UF 16V	1	
	C8004	F1G1C104A077	C 0.1UF 16V	1	
	C8005	F1G1C104A077	C 0.1UF 16V	1	
	C8006	F1G1C104A077	C 0.1UF 16V	1	
	C8007	F1G1C104A077	C 0.1UF 16V	1	
	C8008	F1G1C104A077	C 0.1UF 16V	1	
	C8009	F1J1A106A087	C 10UF, 10V	1	
	C8011	F1G1C104A077	C 0.1UF 16V	1	
	C8013	F1G1C104A077	C 0.1UF 16V	1	
	C8014	F1G1C104A077	C 0.1UF 16V	1	
	C8015	F1G1C104A077	C 0.1UF 16V	1	
	C8016	F1G1C104A077	C 0.1UF 16V	1	
	C8017	F1J1A106A087	C 10UF, 10V	1	
	C8018	F1G1C104A077	C 0.1UF 16V	1	
	C8019	F1G1C104A077	C 0.1UF 16V	1	
	C8020	F1G1C104A077	C 0.1UF 16V	1	
	C8021	F1G1C104A077	C 0.1UF 16V	1	
	C8022	F1J1A106A087	C 10UF, 10V	1	
	C8023	F1J1A106A087	C 10UF, 10V	1	
	C8024	F1J0G2260001	C 22 UF 4 V	1	
	C8026	F1G1C104A077	C 0.1UF 16V	1	
	C8027	F1G1C104A077	C 0.1UF 16V	1	
	C8028	F1G1C104A077	C 0.1UF 16V	1	
	C8030	F1G1C104A077	C 0.1UF 16V	1	
	C8032	F1G1C104A077	C 0.1UF 16V	1	
	C8036	F1G1C104A077	C 0.1UF 16V	1	
	C8039	F1G1C104A077	C 0.1UF 16V	1	
	C8041	F1G1H1020008	C 1000PF 50V	1	
	C8042	F1G1C104A077	C 0.1UF 16V	1	
	C8043	F1G1C104A077	C 0.1UF 16V	1	
	C8044	F1G1C104A077	C 0.1UF 16V	1	
	C8045	F1G1C104A077	C 0.1UF 16V	1	
	C8047	F1G1C104A077	C 0.1UF 16V	1	
	C8048	F1G1C104A077	C 0.1UF 16V	1	
	C8049	F1J1A106A087	C 10UF, 10V	1	
	C8050	F1G1C104A077	C 0.1UF 16V	1	
	C8051	F1J1A106A087	C 10UF, 10V	1	
	C8052	F1G1C104A077	C 0.1UF 16V	1	
	C8053	F1G1C104A077	C 0.1UF 16V	1	
	C8054	F1G1C104A077	C 0.1UF 16V	1	
	C8055	F1G1C104A077	C 0.1UF 16V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C8056	F1G1C104A077	C 0.1UF 16V	1	
	C8057	F1G1C104A077	C 0.1UF 16V	1	
	C8100	F1G1E682A123	C 6800 pF 25 V	1	
	C8102	F1J1A475A087	C 4.7UF, 10V	1	
	C8104	F1H1C105A145	C 1 uF 16 V	1	
	C8106	F1G1C223A081	C 0.022UF, 16V	1	
	C8108	F1G1C104A077	C 0.1UF 16V	1	
	C8110	F1G1C104A077	C 0.1UF 16V	1	
	C8112	F1K1E106A136	C 10UF, 25V	1	
	C8114	F1K1E106A136	C 10UF, 25V	1	
	C8116	F1K1E106A136	C 10UF, 25V	1	
	C8118	F1K1E106A136	C 10UF, 25V	1	
	C8120	F1J0G2260001	C 22 UF 4 V	1	
	C8122	F1J0G2260001	C 22 UF 4 V	1	
	C8124	F1J0G2260001	C 22 UF 4 V	1	
	C8126	F1J0G2260001	C 22 UF 4 V	1	
	C8128	F1J0G2260001	C 22 UF 4 V	1	
	C8200	F1G1C104A077	C 0.1UF 16V	1	
	C8201	F1G1C104A077	C 0.1UF 16V	1	
	C8202	F1G1C104A077	C 0.1UF 16V	1	
	C8203	F1G1C104A077	C 0.1UF 16V	1	
	C8204	F1G1C104A077	C 0.1UF 16V	1	
	C8205	F1J1A106A087	C 10UF, 10V	1	
	C8206	F1G1C104A077	C 0.1UF 16V	1	
	C8208	F1G1C104A077	C 0.1UF 16V	1	
	C8210	F1G1C104A077	C 0.1UF 16V	1	
	C8213	F1G1C104A077	C 0.1UF 16V	1	
	C8214	F1J1A106A087	C 10UF, 10V	1	
	C8216	F1G1C104A077	C 0.1UF 16V	1	
	C8218	F1G1C104A077	C 0.1UF 16V	1	
	C8219	F1G1C104A077	C 0.1UF 16V	1	
	C8222	F1G1C104A077	C 0.1UF 16V	1	
	C8223	F1G1C104A077	C 0.1UF 16V	1	
	C8224	F1G1C104A077	C 0.1UF 16V	1	
	C8225	F1G1C104A077	C 0.1UF 16V	1	
	C8226	F1G1C104A077	C 0.1UF 16V	1	
	C8227	F1G1C104A077	C 0.1UF 16V	1	
	C8300	F1G1H9R0A732	C 9 PF, 50V	1	
	C8301	F1G1H8R0A564	C 8 PF, 50V	1	
	C8302	F1G1C104A077	C 0.1UF 16V	1	
	C8303	F1G1C104A077	C 0.1UF 16V	1	
	C8304	F1G1C104A077	C 0.1UF 16V	1	
	C8305	F1G1A105A047	C 1UF 10V	1	
	C8306	F1G1A105A047	C 1UF 10V	1	
	C8307	F1G1A105A047	C 1UF 10V	1	
	C8308	F1G1A105A047	C 1UF 10V	1	
	C8309	F1G1A105A047	C 1UF 10V	1	
	C8310	F1G1A105A047	C 1UF 10V	1	
	C8311	F1G1A105A047	C 1UF 10V	1	
	C8401	F1G1C104A077	C 0.1UF 16V	1	
	C8402	F1K0J226A049	C 22UF, 6.3V	1	
	C8403	F1K0J226A049	C 22UF, 6.3V	1	
	C8406	F1G1C104A077	C 0.1UF 16V	1	
	C8407	F1G1C104A077	C 0.1UF 16V	1	
	C8411	F1G1C104A077	C 0.1UF 16V	1	
	C8532	F1J1A106A043	C 10UF, 10V	1	
	C8533	F1G1C104A077	C 0.1UF 16V	1	
	C8603	F1J1A106A087	C 10UF, 10V	1	
	C8604	F1G1C104A077	C 0.1UF 16V	1	
	C8605	F1G1C104A077	C 0.1UF 16V	1	
	C8606	F1G1H101A565	C 100PF 50V	1	
	C8607	F1G1H100A565	C 10PF 50V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C8608	F1G1H100A565	C 10PF 50V	1	
	C8609	F1G1C104A077	C 0.1UF 16V	1	
	C8611	F1G1C104A077	C 0.1UF 16V	1	
	C8613	F1G1C104A077	C 0.1UF 16V	1	
	C8614	F1G1C104A077	C 0.1UF 16V	1	
	C8615	F1J1A106A087	C 10UF, 10V	1	
	C8616	F1J1A106A087	C 10UF, 10V	1	
	C8617	F1G1C104A077	C 0.1UF 16V	1	
	C8618	F1J1A106A087	C 10UF, 10V	1	
	C8619	F1G1C104A077	C 0.1UF 16V	1	
	C8620	F1G1C104A077	C 0.1UF 16V	1	
	C8627	F1G1C104A077	C 0.1UF 16V	1	
	C8628	F1J0G2260001	C 22 UF 4 V	1	
	C8629	F1J0G2260001	C 22 UF 4 V	1	
	C8630	EEEHB0J221UP	E 220UF, 6.3V	1	
	C8631	EEEHB0J221UP	E 220UF, 6.3V	1	
	C8632	F1J1A106A087	C 10UF, 10V	1	
	C8633	F1G1C104A077	C 0.1UF 16V	1	
	C8636	F1J1A106A043	C 10UF, 10V	1	
	C8637	F1J1A106A087	C 10UF, 10V	1	
	C8638	F1G1C104A077	C 0.1UF 16V	1	
	C8639	F1J1A106A087	C 10UF, 10V	1	
	C8640	F1G1C104A077	C 0.1UF 16V	1	
	C8641	F1J1A106A043	C 10UF, 10V	1	
	C8642	F1J1A106A087	C 10UF, 10V	1	
	C8643	F1G1C104A077	C 0.1UF 16V	1	
	C8644	F1G1C104A077	C 0.1UF 16V	1	
	C8647	EEEHB0J221UP	E 220UF, 6.3V	1	
	C8654	F1G1H470A565	C 47PF, 50V	1	
	C8655	F1G1H470A565	C 47PF, 50V	1	
	C8656	F1G1H470A565	C 47PF, 50V	1	
	C8657	F1G1H470A565	C 47PF, 50V	1	
	C8658	F1J1A106A087	C 10UF, 10V	1	
	C8659	F1G1C104A077	C 0.1UF 16V	1	
	C8660	F1G1H101A565	C 100PF 50V	1	
	C8661	F1G1H101A565	C 100PF 50V	1	
	C8754	F1J1A106A087	C 10UF, 10V	1	
	C8756	F1J1A106A087	C 10UF, 10V	1	
	C8760	F1G1H1020008	C 1000PF 50V	1	
	C8761	F1G1H1020008	C 1000PF 50V	1	
	C8762	F1G1H1020008	C 1000PF 50V	1	
	C8763	F1G1C104A077	C 0.1UF 16V	1	
	C8764	F1G1C223A081	C 0.022UF, 16V	1	
	C8765	F1J1A106A043	C 10UF, 10V	1	
	C8766	F1J1A106A043	C 10UF, 10V	1	
	C8768	F1G1A333A032	C0.033UF, 10V	1	
	C8769	F1G1H5610004	C 560 pF 50 V	1	
	C8771	F1J1A475A087	C 4.7UF, 10V	1	
	C8772	F1J1A106A087	C 10UF, 10V	1	
	C8773	F1G1C104A077	C 0.1UF 16V	1	
	C8774	F1G1C104A077	C 0.1UF 16V	1	
	C8776	F1K1E106A136	C 10UF, 25V	1	
	C8777	F1G1C104A077	C 0.1UF 16V	1	
	C8780	ECJ1VB1A105K	C 1UF, 10V	1	
	C8781	ECJ1VB1A105K	C 1UF, 10V	1	
	C8786	F1G1C104A077	C 0.1UF 16V	1	
	C8787	F1G1C104A077	C 0.1UF 16V	1	
	C8789	F1K1E106A136	C 10UF, 25V	1	
	C8790	F1K1E106A136	C 10UF, 25V	1	
	C8791	F1G1C223A081	C 0.022UF, 16V	1	
	C8792	F1G1C1030008	C 0.01UF 16V	1	
	C8793	F1G1C1030008	C 0.01UF 16V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C8795	F1J1A106A043	C 10UF, 10V	1	
	C8796	F1J1A106A043	C 10UF, 10V	1	
	C8797	F1J1A106A043	C 10UF, 10V	1	
	C8798	F1J1A106A043	C 10UF, 10V	1	
	C8802	F1J1H102A721	C 1000pF, 50V	1	
	C8803	F1G1E1030005	C 0.01UF 25V	1	
	C8807	F1K1E106A136	C 10UF, 25V	1	
	C8808	F1K1E106A136	C 10UF, 25V	1	
	C8809	F1G1C223A081	C 0.022UF, 16V	1	
	C8810	F1G1C1030008	C 0.01UF 16V	1	
	C8811	F1G1C1030008	C 0.01UF 16V	1	
	C8812	F1J1A106A043	C 10UF, 10V	1	
	C8813	F1J1A106A043	C 10UF, 10V	1	
	C8814	F1J1A106A043	C 10UF, 10V	1	
	C8815	F1J1A106A043	C 10UF, 10V	1	
	C8900	F1G1C104A077	C 0.1UF 16V	1	
	C8901	F1G1C104A077	C 0.1UF 16V	1	
	C8902	F1G1C104A077	C 0.1UF 16V	1	
	C8903	F1G1C104A077	C 0.1UF 16V	1	
	C9099	F1G1C104A077	C 0.1UF 16V	1	
	C9100	F1J1A106A087	C 10UF, 10V	1	
	C9101	F1G1E1030005	C 0.01UF 25V	1	
	C9102	F1K1E106A136	C 10UF, 25V	1	
	C9103	F1G1E1030005	C 0.01UF 25V	1	
	C9300	F1G1C104A077	C 0.1UF 16V	1	
	C9301	F1G1H180A565	C 18PF, 50V	1	
	C9302	F1G1H180A565	C 18PF, 50V	1	
	C9304	F1G1C104A077	C 0.1UF 16V	1	
	C9308	F1G1C104A077	C 0.1UF 16V	1	
	C9311	F1G1C104A077	C 0.1UF 16V	1	
	C9312	F1J1A106A087	C 10UF, 10V	1	
	C9313	F1G1C104A077	C 0.1UF 16V	1	
	C9328	F1G1C104A077	C 0.1UF 16V	1	
	C9330	F1G1A105A047	C 1UF 10V	1	
	C9331	F1G1A105A047	C 1UF 10V	1	
	C9332	F1G1A105A047	C 1UF 10V	1	
	C9337	F1J1A106A087	C 10UF, 10V	1	
	C9362	F1G1C104A077	C 0.1UF 16V	1	
	C9366	F1G1A105A047	C 1UF 10V	1	
	C9371	F1J1A106A087	C 10UF, 10V	1	
	C9375	F1G1C104A077	C 0.1UF 16V	1	
	C9380	F1G1C104A077	C 0.1UF 16V	1	
	C9389	F1G1A105A047	C 1UF 10V	1	
	C9392	F1J1A106A087	C 10UF, 10V	1	
	C9400	F1G1C104A077	C 0.1UF 16V	1	
	C9401	F1G1C104A077	C 0.1UF 16V	1	
	C9402	F1G1C104A077	C 0.1UF 16V	1	
	C9404	F1G1C104A077	C 0.1UF 16V	1	
	C9407	F1G1C104A077	C 0.1UF 16V	1	
	C9409	F1J1A106A087	C 10UF, 10V	1	
	C9411	F1J1A106A087	C 10UF, 10V	1	
	C9413	F1J1A106A087	C 10UF, 10V	1	
	C9415	F1J1A106A087	C 10UF, 10V	1	
	C9506	F1G1C104A077	C 0.1UF 16V	1	
	C9509	F1G1C104A077	C 0.1UF 16V	1	
	C9510	F1J1A106A087	C 10UF, 10V	1	
	C9511	F1G1C104A077	C 0.1UF 16V	1	
	C9526	F1G1C104A077	C 0.1UF 16V	1	
	C9528	F1G1A105A047	C 1UF 10V	1	
	C9529	F1G1A105A047	C 1UF 10V	1	
	C9530	F1G1A105A047	C 1UF 10V	1	
	C9535	F1J1A106A087	C 10UF, 10V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C9550	F1G1C104A077	C 0.1UF 16V	1	
	C9551	F1G1A105A047	C 1UF 10V	1	
	C9554	F1J1A106A087	C 10UF, 10V	1	
	C9556	F1G1C104A077	C 0.1UF 16V	1	
	C9561	F1G1C104A077	C 0.1UF 16V	1	
	C9570	F1G1A105A047	C 1UF 10V	1	
	C9573	F1J1A106A087	C 10UF, 10V	1	
	C9577	F1G1C104A077	C 0.1UF 16V	1	
	C9580	F1G1C104A077	C 0.1UF 16V	1	
	C9582	F1J1A106A087	C 10UF, 10V	1	
	C9584	F1J1A106A087	C 10UF, 10V	1	
	C9586	F1J1A106A087	C 10UF, 10V	1	
	C9588	F1J1A106A087	C 10UF, 10V	1	
	C9589	F1J1A106A087	C 10UF, 10V	1	
	C9590	F1G1E1030005	C 0.01UF 25V	1	
	C9591	F1G1C104A077	C 0.1UF 16V	1	
	C9593	F1G1H470A565	C 47PF, 50V	1	
	C9860	F1G1E122A123	C 1200pF 25V	1	
	C9861	F1J1A475A087	C 4.7UF, 10V	1	
	C9862	F1K1E106A136	C 10UF, 25V	1	
	C9863	F1K1E106A136	C 10UF, 25V	1	
	C9864	F1K1E106A136	C 10UF, 25V	1	
	C9865	F1J0G2260001	C 22 UF 4 V	1	
	C9866	F1J0G2260001	C 22 UF 4 V	1	
	C9867	F1J0G2260001	C 22 UF 4 V	1	
	C9868	F1J0G2260001	C 22 UF 4 V	1	
	C9869	F1J0G2260001	C 22 UF 4 V	1	
	C9871	F1J0G2260001	C 22 UF 4 V	1	
	C9872	F1H1C105A145	C 1 uF 16 V	1	
	C9873	F1G1E122A123	C 1200pF 25V	1	
	C9874	F1G1C104A077	C 0.1UF 16V	1	
	C9875	F1G1C104A077	C 0.1UF 16V	1	
	C9876	F1K1E106A136	C 10UF, 25V	1	
	CN0100	K1KA14A00248	14P CONNECTOR	1	
	CN8400	K1NA68B00058	CONNECTOR	1	PAVCCZ
	CN8600	K1NA09E00121	CONNECTOR	1	
	D2820	B3AGB0000065	LED	1	
	D2850	B3EB00000056	LED	1	
	D2851	B3EB00000056	LED	1	
	D2852	B3EB00000056	LED	1	
	D2853	B3EB00000056	LED	1	
	D3130	B0JCCE000021	DIODE	1	
	D3851	B0BC01600013	ZENER DIODE	1	
	D3852	B0BC01600013	ZENER DIODE	1	
	D3853	B0BC01600013	ZENER DIODE	1	
	D3854	B0BC01600013	ZENER DIODE	1	
	D4703	DZ2J056M0L	ZENER DIODE	1	
	D4704	B0JCCE000021	DIODE	1	
	D4720	DZ2J056M0L	ZENER DIODE	1	
	D4721	B0JCCE000021	DIODE	1	
	D4722	B0JCCE000021	DIODE	1	
	D4771	DZ2J056M0L	ZENER DIODE	1	
	D4773	B0JCCE000021	DIODE	1	
	D4774	DZ2J056M0L	ZENER DIODE	1	
	D4775	B0JCCE000021	DIODE	1	
	D4785	B0ECKM000048	DIODE	1	
	D5200	B0JCMD000066	ZENER DIODE	1	
	D5201	B0ACCJ000048	DIODE	1	
	D5202	DZ2J110M0L	ZENER DIODE	1	
	D5203	B0ACCJ000048	DIODE	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	D5204	DZ2J033M0L	ZENER DIODE	1	
	D5205	B0ACCJ000048	DIODE	1	
	D5206	B0ACCJ000048	DIODE	1	
	D5207	B0ACCJ000048	DIODE	1	
	D5441	B0JCPE000038	DIODE	1	
	D5904	B0JCMD000066	ZENER DIODE	1	
	D6775	B0ECKP000002	DIODE	1	
	D6777	B0ECKP000002	DIODE	1	
	D6778	B0JCMD000010	DIODE	1	
	D6779	B0JCND000029	DIODE	1	PAVCCZ
	D6780	B0JCND000029	DIODE	1	PAVCCZ
	D6781	B0JCPG000030	DIODE	1	
	D8708	DZ2J068M0L	ZENER DIODE	1	
	D8709	B0ADCK000001	DIODE	1	
	D8711	B0ADCK000001	DIODE	1	
	D8712	DZ2J068M0L	ZENER DIODE	1	
	D8713	DZ2J068M0L	ZENER DIODE	1	
	D8717	B0ACCJ000048	DIODE	1	
	D8718	B0JCMD000066	ZENER DIODE	1	
	D8719	DZ2J068M0L	ZENER DIODE	1	
	D8720	B0ADCK000001	DIODE	1	
	D8721	DZ2J068M0L	ZENER DIODE	1	
	D9806	B0ADCK000001	DIODE	1	
	D9807	B0ADCK000001	DIODE	1	
	FL8600	J0ZZB0000142	FILTER	1	
	FL8601	J0ZZB0000142	FILTER	1	
	FL8602	J0ZZB0000142	FILTER	1	
	IC2001	C1ZBZ0004368	IC	1	
	IC3001	C1AB00003384	IC	1	
	IC3851	C0ZBZ0001361	IC	1	
	IC4700	C1AB00003469	IC	1	
	IC4701	C0DBGYY01682	IC	1	
	IC4800	C0DBGYY02190	IC	1	
	IC4900	C1AB00003457	IC	1	
	IC4901	C1AB00003457	IC	1	
	IC5000	AN34044A-VF	IC	1	
	IC5200	C0DBAYY00932	IC	1	
	IC5441	C0DBAYY01058	IC	1	
	IC5900	C0DBAYY00931	IC	1	
	IC5901	C1ZBZ0004339	IC	1	
	IC6700	C1AB00003273	IC	1	
	IC6701	C0CBCYY00043	IC	1	
	IC6750	C0CBCAG00031	IC	1	
	IC6776	C0DBGYY01682	IC	1	
	IC6777	C0DBAYY00462	IC	1	
	IC6778	C1AB00003521	IC	1	PAVCCZ
	IC8000	MN2WS0200HE	IC	1	PAVCCZ
	IC8100	C0DBAYY00715	IC	1	
	IC8200	C3ABUY000009	IC	1	
	IC8201	C3ABUY000004	IC	1	
	IC8403	C0JBAZ003032	IC	1	
	IC8404	C0DBZYY00382	IC	1	
	IC8601	C1CB00003239	IC	1	
	IC8602	C0DBZYY00368	IC	1	
	IC8603	C0DBZYY00368	IC	1	
	IC8606	C0DBZYY00450	IC	1	
	IC8701	C0DBAYY00931	IC	1	
	IC8702	C0DBAFG00029	IC	1	
	IC8704	C0CBCAG00046	IC	1	
	IC8706	C0DBGYY00887	IC	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	IC8707	C0DBAYY00915	IC	1	
	IC8709	C0DBAYY00915	IC	1	
	IC8900	TVRS219AF	IC	1	PAVCCZ
	IC8901	TVR****	IC	1	
	IC8902	TVR****	IC	1	
	IC9300	C1AB00003461	IC	1	
	IC9304	TVRS214	IC	1	PAVCCZ
	IC9400	C0JBAU000089	IC	1	
	IC9401	C0JBAU000089	IC	1	
	IC9402	C0JBAU000089	IC	1	
	IC9500	C1AB00003461	IC	1	
	IC9501	C0JBAU000010	IC	1	
	IC9860	C0DBAYY00715	IC	1	
	JK3003	K1FY120E0001	CONNECTOR	1	
	JK3100	K2HC104E0020	JACK	1	
	JK3707	K2HC104E0020	JACK	1	
	JK3708	K2HC104E0021	JACK	1	
	JK3709	B3MBZ0000012	IC	1	
	JK3851	K2HC104E0020	JACK	1	
	JK4700	K1FY119E0030	CONNECTOR	1	
	JK4701	K1FY119E0030	CONNECTOR	1	
	JK4702	K1FY119E0030	CONNECTOR	1	
	JK4703	K1FY119E0030	CONNECTOR	1	
	JK8301	K2LC108E0014	JACK	1	
	JK8601	K1FY104B0065	CONNECTOR	1	
	JK8602	K1FY104B0065	CONNECTOR	1	
	JK8603	K1FY104B0065	CONNECTOR	1	
	K1	K1KA08B00270	8P CONNECTOR	1	
	L2751	J0JHC0000045	CHIP INDUCTOR	1	
	L3100	J0JYC0000331	CHIP INDUCTOR	1	
	L3101	J0JYC0000331	CHIP INDUCTOR	1	
	L3104	J0JCC0000287	CHIP INDUCTOR	1	
	L3108	J0JCC0000287	CHIP INDUCTOR	1	
	L3111	J0JYC0000331	CHIP INDUCTOR	1	
	L3112	J0JYC0000331	CHIP INDUCTOR	1	
	L3113	J0JYC0000331	CHIP INDUCTOR	1	
	L3116	J0JYC0000331	CHIP INDUCTOR	1	
	L3119	J0JYC0000331	CHIP INDUCTOR	1	
	L3120	J0JYC0000331	CHIP INDUCTOR	1	
	L3300	J0ZZB0000150	FILTER	1	
	L3301	J0ZZB0000150	FILTER	1	
	L4702	J0JYC0000068	CHIP INDUCTOR	1	
	L4705	J0JYC0000068	CHIP INDUCTOR	1	
	L4708	J0JYC0000068	CHIP INDUCTOR	1	
	L4712	J0JHC0000045	CHIP INDUCTOR	1	
	L4717	J0JYC0000068	CHIP INDUCTOR	1	
	L4800	G1CR39J00009	INDUCTION COIL	1	
	L4801	G1CR39J00009	INDUCTION COIL	1	
	L4802	J0JGC0000020	CHIP INDUCTOR	1	
	L4805	J0JCC0000278	CHIP INDUCTOR	1	
	L4900	G1C150MA0426	INDUCTION COIL	1	
	L4901	G1C150MA0426	INDUCTION COIL	1	
	L4902	G1C150MA0426	INDUCTION COIL	1	
	L4903	G1C150MA0426	INDUCTION COIL	1	
	L4905	G1C150MA0426	INDUCTION COIL	1	
	L4906	G1C150MA0426	INDUCTION COIL	1	
	L5200	G1C100MA0496	INDUCTION COIL	1	
	L5441	G1C4R7MA0445	INDUCTION COIL	1	
	L5900	G1C6R8MA0445	INDUCTION COIL	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	L6700	J0JGC0000020	CHIP INDUCTOR	1	
	L6705	J0JGC0000020	CHIP INDUCTOR	1	
	L6776	G1C4R7MA0445	INDUCTION COIL	1	
	L6777	J0JGC0000020	CHIP INDUCTOR	1	
	L6782	G1C150MA0426	INDUCTION COIL	1	
	L6783	G1C4R7ZA0240	INDUCTION COIL	1	
	L6784	J0JHC0000116	CHIP INDUCTOR	1	
	L8001	J0JCC0000287	CHIP INDUCTOR	1	
	L8002	J0JHC0000045	CHIP INDUCTOR	1	
	L8003	J0JHC0000045	CHIP INDUCTOR	1	
	L8004	J0JHC0000045	CHIP INDUCTOR	1	
	L8005	J0JKC0000021	CHIP INDUCTOR	1	
	L8006	J0JCC0000287	CHIP INDUCTOR	1	
	L8007	J0JCC0000287	CHIP INDUCTOR	1	
	L8100	G1C4R7MA0416	INDUCTION COIL	1	
	L8102	G1C3R3MA0460	INDUCTION COIL	1	
	L8600	J0JHC0000045	CHIP INDUCTOR	1	
	L8601	J0JHC0000045	CHIP INDUCTOR	1	
	L8603	J0JHC0000045	CHIP INDUCTOR	1	
	L8604	J0JHC0000045	CHIP INDUCTOR	1	
	L8605	J0JHC0000045	CHIP INDUCTOR	1	
	L8702	G1C6R8MA0445	INDUCTION COIL	1	
	L8703	G1C6R8MA0445	INDUCTION COIL	1	
	L8704	G1C6R8MA0445	INDUCTION COIL	1	
	L9303	J0JHC0000117	CHIP INDUCTOR	1	
	L9501	J0JHC0000117	CHIP INDUCTOR	1	
	L9860	G1C2R2MA0449	INDUCTION COIL	1	
	L9861	G1C2R2MA0449	INDUCTION COIL	1	
	PA2005	K5H4022A0031	FUSE	1	
	PA5201	K5H1022A0031	FUSE	1	
	PA5440	K5H5022A0031	FUSE	1	
	PA5900	K5H1022A0031	FUSE	1	
	PA6779	K5H1622A0031	FUSE	1	
	PA6780	K5H1622A0031	FUSE	1	
	Q0900	B1ADCF000194	TRANSISTOR	1	
	Q2810	B1ABCE000015	TRANSISTOR	1	
	Q2811	B1ABCE000015	TRANSISTOR	1	
	Q2812	B1ABCE000015	TRANSISTOR	1	
	Q3008	B1ADCF000194	TRANSISTOR	1	
	Q3102	B1AAFB000004	TRANSISTOR	1	
	Q3103	B1AAFB000004	TRANSISTOR	1	
	Q3104	B1AAFB000004	TRANSISTOR	1	
	Q3105	B1AAFB000004	TRANSISTOR	1	
	Q4512	B1HFCFA00026	TRANSISTOR	1	
	Q4513	B1ADCE000027	TRANSISTOR	1	
	Q4700	B1ABCF000231	TRANSISTOR	1	
	Q4702	B1ABCF000231	TRANSISTOR	1	
	Q4709	B1ABCF000231	TRANSISTOR	1	
	Q4710	B1ABCF000231	TRANSISTOR	1	
	Q4970	B1ADCF000194	TRANSISTOR	1	
	Q4971	B1AAFB000004	TRANSISTOR	1	
	Q4972	B1AAFB000004	TRANSISTOR	1	
	Q4974	B1ABBE000003	TRANSISTOR	1	
	Q6775	B1CFQD000001	FET	1	
	Q8100	B1CFRD000077	FET	1	
	Q8101	B1CFRD000077	FET	1	
	Q8102	B1MBEDA00027	FET	1	
	Q8709	B1ADCF000194	TRANSISTOR	1	
	Q8710	B1ADCF000194	TRANSISTOR	1	
	Q8711	B1ABBE000003	TRANSISTOR	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	Q9860	B1MBEDA00027	FET	1	
	Q9861	B1MBEDA00027	FET	1	
	R006	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R0902	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R0903	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R0904	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R0905	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R0906	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R0907	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R0908	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R0909	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R0910	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R0911	EXB28V332J	M 3.3 KOHM 1/32 W	1	
	R0912	D0GA101JA015	M 100 OHM, J,1/16W	1	
	R0913	D0GA101JA015	M 100 OHM, J,1/16W	1	
	R0951	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R0952	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R1201	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R1202	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R1304	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R1350	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R2012	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R2752	D0GA184JA023	M 180KOHM J.1/16W	1	
	R2753	D0GB102JA065	M 1KOHM,J,1/10W	1	
	R2810	D0GB470JA065	M 47 OHM,J,1/10W	1	
	R2811	D0GB104JA065	M 100KOHM J 1/10W	1	
	R2812	D0GB224JA065	M 220KOHM,J,1/10W	1	
	R2813	D0GB223JA065	M 22KOHM,J,1/10W	1	
	R2814	D0GB103JA065	M 10K OHM J 1/10W	1	
	R2815	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R2816	D1BB1621A055	M1.62KOHM,J.1/10W	1	
	R2817	D0GB223JA065	M 22KOHM,J,1/10W	1	
	R2818	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R2819	D1BB4301A055	M4.30KOHM,J.1/10W	1	
	R3001	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R3002	D0GA122JA023	M 1.2KOHM, J,1/16W	1	
	R3104	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R3106	D0GA333JA023	M 33KOHM,J,1/16W	1	
	R3107	D0GA333JA023	M 33KOHM,J,1/16W	1	
	R3109	D1BF75R0A011	M 75.0 OHM, 1/4W	1	
	R3117	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R3121	EXB28V221J	M220 OHM 1/32 W	1	
	R3129	D0GA104JA023	M100KOHM, J.1/16 W	1	
	R3137	D1BD75R0A066	M 75.0 OHM,F.1/8 W	1	
	R3141	D1BF75R0A011	M 75.0 OHM, 1/4W	1	
	R3142	D1BF75R0A011	M 75.0 OHM, 1/4W	1	
	R3143	D1BF75R0A011	M 75.0 OHM, 1/4W	1	
	R3147	D1BF75R0A011	M 75.0 OHM, 1/4W	1	
	R3153	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R3157	EXB28V221J	M220 OHM 1/32 W	1	
	R3163	D0GA104JA023	M100KOHM, J.1/16 W	1	
	R3164	D0GA104JA023	M100KOHM, J.1/16 W	1	
	R3167	D0GA333JA023	M 33KOHM,J,1/16W	1	
	R3168	D0GA333JA023	M 33KOHM,J,1/16W	1	
	R3171	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R3172	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R3173	EXB28V221J	M220 OHM 1/32 W	1	
	R3174	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R3175	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R3179	D0GA331JA023	M 330 OHM, J,1/16W	1	
	R3180	D0GA331JA023	M 330 OHM, J,1/16W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R3181	D1BD75R0A066	M 75.0 OHM,F.1/8 W	1	
	R3182	D1BD75R0A066	M 75.0 OHM,F.1/8 W	1	
	R3183	D1BD75R0A066	M 75.0 OHM,F.1/8 W	1	
	R3184	D0GA104JA023	M100KOHM, J.1/16 W	1	
	R3185	D0GA104JA023	M100KOHM, J.1/16 W	1	
	R3190	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R3191	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R3192	EXB28V820JX	M 82 OHM 1/32 W	1	
	R3194	D0GA331JA023	M 330 OHM, J,1/16W	1	
	R3195	D0GA331JA023	M 330 OHM, J,1/16W	1	
	R3202	D1BF75R0A011	M 75.0 OHM, 1/4W	1	
	R3204	D1BA2152A014	M21.5KOHM,J.1/16 W	1	
	R3206	D1BA1302A014	M 13KOHM,F.1/16 W	1	
	R3208	D0GA273JA023	M 27K OHM J ,1/16W	1	
	R3211	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R3212	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R3290	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R3291	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R3292	D0GA105JA023	M 1M OHM, J,1/16W	1	
	R3293	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R3851	D0GA101JA015	M 100 OHM, J,1/16W	1	
	R3852	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R3853	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R3854	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R3855	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R3856	D0GD101JA052	M 100 OHM,J,1/8W	1	
	R3857	D0GD101JA052	M 100 OHM,J,1/8W	1	
	R3859	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R3860	D0GAR00J0005	M 0 OHM, 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	
	R4553	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4554	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R4599	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R4600	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4702	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4708	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4709	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4710	EXB28V473JX	M 47KOHM 1/32 W	1	
	R4711	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R4715	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4721	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4722	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4723	EXB28V473JX	M 47KOHM 1/32 W	1	
	R4724	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R4748	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R4749	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R4750	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R4751	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R4763	D0GA104JA023	M100KOHM, J.1/16 W	1	
	R4767	D0GA392JA023	M 3.9KOHM, J,1/16W	1	
	R4770	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R4771	D0GA152JA023	M 1.5KOHM, J,0.063W	1	
	R4772	D0GA152JA023	M 1.5KOHM, J,0.063W	1	
	R4774	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R4775	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R4780	D0GA121JA023	M 120 OHM, J,1/16W	1	
	R4781	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R4783	D0GA103JA015	M 10KOHM,J,1/16W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R4784	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4785	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R4786	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R4787	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R4788	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4789	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4790	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R4791	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R4792	EXB28V473JX	M 47KOHM 1/32 W	1	
	R4793	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R4794	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4795	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4796	EXB28V473JX	M 47KOHM 1/32 W	1	
	R4797	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R4798	D0GA273JA023	M 27K OHM J ,1/16W	1	
	R4801	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R4814	D0GD103JA052	M 10KOHM,J,1/8W	1	
	R4910	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R4911	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R4913	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4914	EXB28V220J	M 22 OHM 1/32 W	1	
	R4921	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4970	D1BB1403A055	M 140KOHM,J.1/10W	1	
	R4971	D1BB1403A055	M 140KOHM,J.1/10W	1	
	R4972	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4973	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4974	D0GA101JA015	M 100 OHM, J,1/16W	1	
	R4975	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R4976	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4977	D0GA105JA023	M 1M OHM, J,1/16W	1	
	R4978	D0GA101JA015	M 100 OHM, J,1/16W	1	
	R4979	D0GA101JA015	M 100 OHM, J,1/16W	1	
	R4984	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R4985	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R4987	D0GF102JA048	M 1.0 KOHM,J,1/3W	1	
	R4988	EXB28V220J	M 22 OHM 1/32 W	1	
	R4991	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R4992	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R5000	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R5001	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R5009	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R5010	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R5011	D0GA104JA023	M100KOHM, J.1/16 W	1	
	R5012	D0GA223JA023	M 22K OHM J 1/16W	1	
	R5013	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R5089	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R5090	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R5200	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R5201	D0GA510JA023	M 51 OHM, J,1/16W	1	PAVCCZ
	R5202	EXB28V472JX	M 4.7 OHM 1/32 W	1	
	R5203	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R5204	D0GA471JA023	M 470OHM, J,1/16W	1	
	R5209	D1BB9100A055	M 910 OHM,J.1/10W	1	
	R5210	D1BB1052A055	M10.5KOHM,J.1/10W	1	
	R5211	D1BB4300A055	M 430 OHM,J.1/10W	1	
	R5212	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R5213	D0GD471JA059	M 470 OHM,J,1/4W	1	PAVCCZ
	R5214	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R5445	D0GF151JA048	M 150 OHM,J,1/3W	1	
	R5446	D0GD4R7JA059	M 4.7 OHM,J,1/4W	1	
	R5449	D1BB1001A055	M 1KOHM,J. 1/10W	1	
	R5450	D1BB5101A055	M 5.1KOHM,J.1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R5451	D0GB332JA065	M 3.3KOHM,J,1/10W	1	
	R5658	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R5901	D1BB1002A055	M 10KOHM,J.1/10W	1	
	R5902	D1BB5362A055	M53.6KOHM,J.1/10W	1	
	R5903	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R5904	D1BB3002A055	M 30KOHM,J.1/10W	1	
	R5905	D0GA470JA023	M 47 OHM, J,1/16W	1	
	R5906	D1BA4642A014	M46.4KOHM,J.1/16 W	1	
	R5907	D0GB363JA065	M 36K OHM J 1/10W	1	
	R5910	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R5911	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R5912	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R5913	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R5916	D0GA683JA023	M 68KOHM, J,1/16W	1	
	R5924	D0GA390JA023	M 39 OHM, J,1/16W	1	
	R6701	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R6702	D0GA471JA023	M 470OHM, J,1/16W	1	
	R6707	EXB28V680JX	M 68 OHM 1/32 W	1	
	R6708	EXB2HV680J	M 68 OHM 1/16 W	1	
	R6709	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R6710	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R6775	EXB2HV680J	M 68 OHM 1/16 W	1	
	R6777	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R6780	D0GA390JA023	M 39 OHM, J,1/16W	1	
	R6781	D1BA1002A014	M 10KOHM,F. 1/16 W	1	
	R6782	D1BA2701A014	M 2.7 KOHM,J.1/16 W	1	
	R6783	D0GA392JA023	M 3.9KOHM, J,1/16W	1	
	R6784	EXB28V680JX	M 68 OHM 1/32 W	1	
	R6785	D0GFR20JA020	M 0.2 OHM, J,1/4W	1	PAVCCZ
	R6786	D0GA681JA023	M680 OHM, J,1/16W	1	
	R6787	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R6792	D0GB2R2JA065	M 2.2OHM J 1/10W	1	
	R6793	D0GF100JA048	M 10 OHM,J,1/3W	1	PAVCCZ
	R6794	D1BA4700A014	M 470 OHM,J.1/16 W	1	PAVCCZ
	R6795	D0GF100JA048	M 10 OHM,J,1/3W	1	PAVCCZ
	R6942	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R8008	D0GA331JA023	M 330 OHM, J,1/16W	1	
	R8100	D1BB1271A087	M1.27KOHM,J.1/16W	1	
	R8102	D1BB2101A087	M 2.1KOHM,J.1/10W	1	
	R8104	D1BB8200A087	M 820 OHM,J.1/10W	1	
	R8106	D1BB2001A087	M 2KOHM,J.1/10W	1	
	R8108	D0GB100JA065	M 10 OHM J 1/10W	1	
	R8110	D0GB100JA065	M 10 OHM J 1/10W	1	
	R8114	D0GA303JA023	M 30K OHM J 0.063W	1	
	R8118	D0GA183JA023	M 18K OHM J.1/16W	1	
	R8200	D1BA2400A014	M 240 OHM,J.1/16 W	1	
	R8201	D1BA1001A014	M 1KOHM,F. 1/16 W	1	
	R8202	D1BA1001A014	M 1KOHM,F. 1/16 W	1	
	R8203	D1BA1001A014	M 1KOHM,F. 1/16 W	1	
	R8204	D1BA1001A014	M 1KOHM,F. 1/16 W	1	
	R8205	D1BA1001A014	M 1KOHM,F. 1/16 W	1	
	R8206	D1BA1001A014	M 1KOHM,F. 1/16 W	1	
	R8207	D1BA1001A014	M 1KOHM,F. 1/16 W	1	
	R8208	D1BA1001A014	M 1KOHM,F. 1/16 W	1	
	R8209	D0GA111JA023	M 110 OHM, J.1/16W	1	
	R8210	D0GA111JA023	M 110 OHM, J.1/16W	1	
	R8211	D1BA2400A014	M 240 OHM,J.1/16 W	1	
	R8212	D1BA2400A014	M 240 OHM,J.1/16 W	1	
	R8213	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8214	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8215	D1BA2400A014	M 240 OHM,J.1/16 W	1	
	R8216	D1BA1001A014	M 1KOHM,F. 1/16 W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R8217	D1BA1001A014	M 1KOHM,F. 1/16 W	1	
	R8218	EXB28V220J	M 22 OHM 1/32 W	1	
	R8219	EXB28V220J	M 22 OHM 1/32 W	1	
	R8220	EXB28V220J	M 22 OHM 1/32 W	1	
	R8221	EXB28V220J	M 22 OHM 1/32 W	1	
	R8222	EXB28V220J	M 22 OHM 1/32 W	1	
	R8223	EXB28V220J	M 22 OHM 1/32 W	1	
	R8224	EXB28V220J	M 22 OHM 1/32 W	1	
	R8225	EXB28V220J	M 22 OHM 1/32 W	1	
	R8226	EXB28V220J	M 22 OHM 1/32 W	1	
	R8227	EXB28V220J	M 22 OHM 1/32 W	1	
	R8228	EXB28V220J	M 22 OHM 1/32 W	1	
	R8229	EXB28V220J	M 22 OHM 1/32 W	1	
	R8230	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R8231	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R8232	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R8301	D0GA471JA023	M 470OHM, J,1/16W	1	
	R8302	D0GA360JA023	M 36 OHM, J,1/16W	1	
	R8303	D0GA360JA023	M 36 OHM, J,1/16W	1	
	R8304	D1BA6201A014	M 6.2KOHM,J.1/16 W	1	
	R8305	D1BA6201A014	M 6.2KOHM,J.1/16 W	1	
	R8307	D1BA6201A014	M 6.2KOHM,J.1/16 W	1	
	R8381	D1BA75R0A014	M 75 OHM,J.1/16 W	1	
	R8382	D1BA75R0A014	M 75 OHM,J.1/16 W	1	
	R8383	D1BA75R0A014	M 75 OHM,J.1/16 W	1	
	R8384	D1BA75R0A014	M 75 OHM,J.1/16 W	1	
	R8400	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R8401	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R8402	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R8403	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R8404	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R8405	D0GA680JA023	M 68 OHM, J,1/16W	1	
	R8406	EXB2HV680J	M 68 OHM 1/16 W	1	
	R8407	EXB2HV680J	M 68 OHM 1/16 W	1	
	R8408	EXB2HV680J	M 68 OHM 1/16 W	1	
	R8409	EXB28V680JX	M 68 OHM 1/32 W	1	
	R8410	EXB2HV680J	M 68 OHM 1/16 W	1	
	R8411	EXB2HV680J	M 68 OHM 1/16 W	1	
	R8418	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8421	EXB2HV101J	M 100 OHM 1/16 W	1	
	R8424	D0GA223JA023	M 22K OHM J 1/16W	1	
	R8425	D0GA223JA023	M 22K OHM J 1/16W	1	
	R8426	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R8427	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R8429	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8433	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8434	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8435	D0GA223JA023	M 22K OHM J 1/16W	1	
	R8436	EXB2HV101J	M 100 OHM 1/16 W	1	
	R8437	EXB2HV473JV	M 47 kOHM 1/16 W	1	
	R8438	EXB2HV103JV	M 10 kOHM 1/16 W	1	
	R8440	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8441	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8442	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8606	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R8607	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R8608	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R8609	D1BA6491A014	M6.49KOHM,J.1/16 W	1	
	R8610	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R8611	D1BA49R9A014	M 49.9 OHM,J.1/16 W	1	
	R8612	D1BA49R9A014	M 49.9 OHM,J.1/16 W	1	
	R8613	D1BA49R9A014	M 49.9 OHM,J.1/16 W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R8614	D1BA49R9A014	M 49.9 OHM,J.1/16 W	1	
	R8615	D0GA105JA023	M 1M OHM, J,1/16W	1	
	R8617	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8618	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8620	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8621	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8624	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8625	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8626	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8627	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8628	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8629	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8630	D1HG1038A002	NETWORK RESISTER	1	
	R8631	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8632	EXB28V560JX	M 56 OHM 1/32 W	1	
	R8633	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8634	EXB28V560JX	M 56 OHM 1/32 W	1	
	R8636	D0GA220JA023	M22 OHM, J.1/16 W	1	
	R8637	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R8638	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R8639	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8640	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8642	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R8643	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R8645	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R8646	D0GAR00J0005	M 0 OHM, 1/16W	1	
	R8648	D0GA273JA023	M 27K OHM J ,1/16W	1	
	R8649	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8650	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8652	D0GA101JA015	M 100 OHM, J,1/16W	1	
	R8653	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8654	EXB28V560JX	M 56 OHM 1/32 W	1	
	R8655	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8657	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R8659	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8660	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8661	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8662	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8663	D0GA101JA015	M 100 OHM, J,1/16W	1	
	R8664	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8665	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8666	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8668	D0GA560JA023	M 56 OHM, J,1/16W	1	
	R8669	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R8740	D0GD472JA052	M 4.7KOHM,J,1/8W	1	
	R8741	D0GD472JA052	M 4.7KOHM,J,1/8W	1	
	R8742	D1BB5362A055	M53.6KOHM,J.1/10W	1	
	R8743	D1BB1002A055	M 10KOHM,J.1/10W	1	
	R8744	D0GA390JA023	M 39 OHM, J,1/16W	1	
	R8745	D1BB1002A055	M 10KOHM,J.1/10W	1	
	R8746	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R8747	D0GA683JA023	M 68KOHM, J,1/16W	1	
	R8748	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R8749	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R8750	D0GA392JA023	M 3.9KOHM, J,1/16W	1	
	R8751	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R8752	D0GA332JA023	M 3.3KOHM, J,1/16W	1	
	R8753	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R8754	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8755	D0GB221JA065	M 220 OHM J 1/10W	1	
	R8756	D0GD104JA052	M 100KOHM,J,1/8W	1	
	R8757	D0GD102JA052	M 1.0KOHM,J,1/8W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R8758	D0GD472JA052	M 4.7KOHM,J,1/8W	1	
	R8759	D0GD472JA052	M 4.7KOHM,J,1/8W	1	
	R8760	D0GA104JA023	M100KOHM, J.1/16 W	1	
	R8765	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8767	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R8768	D0GA390JA023	M 39 OHM, J,1/16W	1	
	R8769	D1BB4301A055	M4.30KOHM,J.1/10W	1	
	R8770	D1BB3922A055	M39.2KOHM, 1/10W	1	
	R8771	D1BB1002A055	M 10KOHM,J.1/10W	1	
	R8772	D0GD472JA052	M 4.7KOHM,J,1/8W	1	
	R8773	D0GD472JA052	M 4.7KOHM,J,1/8W	1	
	R8776	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R8777	D0GA390JA023	M 39 OHM, J,1/16W	1	
	R8778	D1BB4301A055	M4.30KOHM,J.1/10W	1	
	R8779	D1BB3922A055	M39.2KOHM, 1/10W	1	
	R8780	D1BB1002A055	M 10KOHM,J.1/10W	1	
	R8806	D1BA7151A014	M7.15KOHM,J.1/16 W	1	
	R8807	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R8811	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8816	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8818	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8819	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8820	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8821	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R8824	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8831	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8835	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8849	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8852	D0GA243JA023	M 24K OHM J 0.063W	1	
	R8909	D0GA222JA023	M 2.2KOHM, J,1/16W	1	
	R8910	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R8914	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R8921	D0GA223JA023	M 22K OHM J 1/16W	1	
	R8964	D0GA472JA023	M 4.7KOHM, J,1/16W	1	
	R9035	D0GA332JA023	M 3.3KOHM, J,1/16W	1	
	R9103	D0GA101JA015	M 100 OHM, J,1/16W	1	
	R9104	D0GA101JA015	M 100 OHM, J,1/16W	1	
	R9105	D0GA473JA015	M 47KOHM, J,1/16W	1	
	R9198	EXB28V101JX	M 100 OHM 1/32 W	1	
	R9203	D0GA272JA023	M 2.7KOHM, J.1/16W	1	
	R9205	D0GA333JA023	M 33KOHM,J,1/16W	1	
	R9206	D0GA563JA023	M 56KOHM, J,0.063W	1	
	R9208	EXB2HV470JV	M 47 OHM 1/16 W	1	
	R9209	EXB2HV470JV	M 47 OHM 1/16 W	1	
	R9224	D0GA470JA023	M 47 OHM, J,1/16W	1	
	R9226	D0GA470JA023	M 47 OHM, J,1/16W	1	
	R9247	D0GA470JA023	M 47 OHM, J,1/16W	1	
	R9307	D0GA470JA023	M 47 OHM, J,1/16W	1	
	R9308	D0GA470JA023	M 47 OHM, J,1/16W	1	
	R9310	D0GA101JA023	M 100 OHM, J,1/16W	1	
	R9320	D0GA182JA023	M 1.8KOHM, J,0.063W	1	
	R9321	D0GA105JA023	M 1M OHM, J,1/16W	1	
	R9324	D0GB122JA065	M 1.2KOHM J 1/10W	1	
	R9325	D0GB122JA065	M 1.2KOHM J 1/10W	1	
	R9326	D0GB122JA065	M 1.2KOHM J 1/10W	1	
	R9327	D0GB122JA065	M 1.2KOHM J 1/10W	1	
	R9329	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R9330	D0GA102JA023	M1KOHM, J.1/16 W	1	
	R9400	EXB2HV103JV	M 10 kOHM 1/16 W	1	
	R9401	EXB2HV103JV	M 10 kOHM 1/16 W	1	
	R9402	EXB28V103JX	M 10KOHM 1/32 W	1	
	R9503	D0GA473JA015	M 47KOHM, J,1/16W	1	

Model No. : TX-P55VT30B/Y Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R9508	EXB28V101JX	M 100 OHM 1/32 W	1	
	R9518	D0GA101JA023	M 100 OHM, J,1/16W	1	
	R9519	D0GA101JA023	M 100 OHM, J,1/16W	1	
	R9520	D0GA101JA023	M 100 OHM, J,1/16W	1	
	R9521	D0GA101JA023	M 100 OHM, J,1/16W	1	
	R9522	EXB28V102JX	M 1KOHM 1/32 W	1	
	R9524	D0GA470JA023	M 47 OHM, J,1/16W	1	
	R9526	D0GA221JA023	M220 OHM, J.1/16 W	1	
	R9527	D0GA470JA023	M 47 OHM, J,1/16W	1	
	R9528	D0GA470JA023	M 47 OHM, J,1/16W	1	
	R9529	D0GA470JA023	M 47 OHM, J,1/16W	1	
	R9533	EXB28V103JX	M 10KOHM 1/32 W	1	
	R9534	D0GA103JA015	M 10KOHM,J,1/16W	1	
	R9535	EXB28V470JX	M 47 OHM 1/32 W	1	
	R9536	D0GA470JA023	M 47 OHM, J,1/16W	1	
	R9541	D0GA470JA023	M 47 OHM, J,1/16W	1	
	R9542	D0GA470JA023	M 47 OHM, J,1/16W	1	
	R9603	D0GB122JA065	M 1.2KOHM J 1/10W	1	
	R9604	D0GB122JA065	M 1.2KOHM J 1/10W	1	
	R9605	D0GB122JA065	M 1.2KOHM J 1/10W	1	
	R9606	D0GB122JA065	M 1.2KOHM J 1/10W	1	
	R9608	EXB2HV470JV	M 47 OHM 1/16 W	1	
	R9610	EXB28V470JX	M 47 OHM 1/32 W	1	
	R9860	D1BB1911A074	M1.91 KOHM,J.1/10W	1	
	R9861	D1BB1911A074	M1.91 KOHM,J.1/10W	1	
	R9862	D1BB9100A087	M 910 OHM,J.1/10W	1	PAVCCZ
	R9863	D1BB9100A087	M 910 OHM,J.1/10W	1	PAVCCZ
	R9864	D0GB100JA065	M 10 OHM J 1/10W	1	
	R9865	D0GB100JA065	M 10 OHM J 1/10W	1	
	R9866	D0GA273JA023	M 27K OHM J ,1/16W	1	
	R9867	D0GA273JA023	M 27K OHM J ,1/16W	1	
	R9907	D0GA101JA015	M 100 OHM, J,1/16W	1	
	RM2810	B3RAD0000168	REMOTE SENSOR	1	
	S10	K1KA03BA0061	3P CONNECTOR	1	
	SN2810	B3JB00000078	IC	1	
	SW2890	K0F126A00003	SWITCH	1	
	T8301	G5BYC0000015	TRANS	1	
⚠	TU6775	J3ACCBC00001	TUNER	1	PAVCCZ
	V14	K1KA06B00220	6P CONNECTOR	1	
	X6700	H0J410500001	CRYSTAL	1	
	X8300	H0J245500110	CRYSTAL	1	
	X8600	H0J250500109	CRYSTAL	1	
	X9300	H0J200500091	CRYSTAL	1	
	C10	K1MY40BA0345	40P CONNECTOR	1	
	C14	K1KY03AA0719	3P CONNECTOR	1	
	C20	K1MY40BA0345	40P CONNECTOR	1	
	C21	K1MY55BA0345	55P CONNECTOR	1	
	C26	K1MY30BA0345	30P CONNECTOR	1	
	C31	K1MY55BA0345	55P CONNECTOR	1	
	C35	K1KY04B00013	4P CONNECTOR	1	
	C36	K1MY30BA0345	30P CONNECTOR	1	
	C16003	F1L2J562A022	C 5600PF, 630V	1	
	C16011	F2A2T211A020	E 210UF, 220V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C16012	F2A2T211A020	E 210UF, 220V	1	
	C16013	F2A2T211A020	E 210UF, 220V	1	
	C16018	F0C2E115A280	C 1.1 UF 250 V	1	
	C16024	F1L2J332A022	C 3300PF, 630V	1	
	C16041	ECJ1VB1H392K	C 3900UF, 50V	1	
	C16043	ECJ1VB1H392K	C 3900UF, 50V	1	
	C16044	F1E2J821A002	C 820PF, 630V	1	
	C16051	ECJ1VB1H392K	C 3900UF, 50V	1	
	C16053	ECJ1VB1H392K	C 3900UF, 50V	1	
	C16061	F1E2J821A002	C 820PF, 630V	1	
	C16101	F1L2J222A022	C 2200PF, 630V	1	
	C16104	F1H1E470A130	C 47PF, 25V	1	
	C16105	F1H1E470A130	C 47PF, 25V	1	
	C16131	F1K1E475A134	C 4.7UF 25V	1	
	C16132	F1H1C105A145	C 1 uF 16 V	1	
	C16133	F2A1E1010130	E 100UF, 25V	1	
	C16135	F1K1E105A029	C 1UF, 25V	1	
	C16153	F1K1E475A134	C 4.7UF 25V	1	
	C16154	F1K1E475A134	C 4.7UF 25V	1	
	C16191	F1K1E475A134	C 4.7UF 25V	1	
	C16192	F1H1C105A145	C 1 uF 16 V	1	
	C16193	F2A1E4700094	E 47UF, 25V	1	
	C16195	F1K1E105A029	C 1UF, 25V	1	
	C16201	F0C2E405A279	C 4.0 UF 250 V	1	
	C16202	F0C2E405A279	C 4.0 UF 250 V	1	
	C16242	F1H1C105A145	C 1 uF 16 V	1	
	C16243	ECJ1VB1H103K	C 0.01UF, 50V	1	
	C16244	F1J1A106A087	C 10UF, 10V	1	
	C16271	F2A1E151B705	E 150UF, 25V	1	
	C16280	F1K1E105A029	C 1UF, 25V	1	
	C16285	F1H1H104A970	C 0.1UF, , 50V	1	
	C16286	F1H1H104A970	C 0.1UF, , 50V	1	
	C16287	F1H1H104A970	C 0.1UF, , 50V	1	
	C16314	F2A2T211A020	E 210UF, 220V	1	
	C16315	ECJ1VB1A105K	C 1UF, 10V	1	
	C16316	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C16317	ECJ1VB1A105K	C 1UF, 10V	1	
	C16318	F1J1H104A717	C 0.1UF, 50V	1	
	C16319	F1J1H104A717	C 0.1UF, 50V	1	
	C16328	F2A2C131A210	E 130UF, 160V	1	
	C16330	F0C2E115A280	C 1.1 UF 250 V	1	
	C16361	F1L2J1020001	C 1000PF, 630V	1	
	C16401	F1L2J562A022	C 5600PF, 630V	1	
	C16411	F2A2T211A020	E 210UF, 220V	1	
	C16412	F2A2T211A020	E 210UF, 220V	1	
	C16413	F2A2T211A020	E 210UF, 220V	1	
	C16414	F2A2T211A020	E 210UF, 220V	1	
	C16415	F0C2E115A280	C 1.1 UF 250 V	1	
	C16421	F1L2J332A022	C 3300PF, 630V	1	
	C16422	F1L2J332A022	C 3300PF, 630V	1	
	C16441	ECJ1VB1H392K	C 3900UF, 50V	1	
	C16442	ECJ1VB1H392K	C 3900UF, 50V	1	
	C16451	ECJ1VB1H392K	C 3900UF, 50V	1	
	C16452	ECJ1VB1H392K	C 3900UF, 50V	1	
	C16460	F1E2J222A002	C 2200PF, 630V	1	
	C16472	ECJ1VB1A105K	C 1UF, 10V	1	
	C16490	F1H1C105A145	C 1 uF 16 V	1	
	C16502	F1K1E475A134	C 4.7UF 25V	1	
	C16503	F2A1E151B705	E 150UF, 25V	1	
	C16505	F1K1E105A029	C 1UF, 25V	1	
	C16506	F1H1C105A145	C 1 uF 16 V	1	
	C16507	F0C2E115A280	C 1.1 UF 250 V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C16531	F1K1E475A134	C 4.7UF 25V	1	
	C16534	F1H1C105A145	C 1 uF 16 V	1	
	C16551	F1K1E475A134	C 4.7UF 25V	1	
	C16561	F1J1A106A087	C 10UF, 10V	1	
	C16562	F1H1C105A145	C 1 uF 16 V	1	
	C16564	F1H1C105A145	C 1 uF 16 V	1	
	C16565	ECJ1VB1H103K	C 0.01UF, 50V	1	
	C16566	ECJ1VB1H103K	C 0.01UF, 50V	1	
	C16567	F1H1C105A145	C 1 uF 16 V	1	
	C16584	ECJ1VB1H392K	C 3900UF, 50V	1	
	C16593	ECJ1XC1H102J	C 1000PF, J, 50V	1	
	C16602	F1H1H2200008	C 22PF, 50V	1	
	C16603	F1K2J102A014	C 1000PF, 630V	1	
	C16604	F1K2J102A014	C 1000PF, 630V	1	
	C16631	F0C2E405A279	C 4.0 UF 250 V	1	
	C16632	F0C2E405A279	C 4.0 UF 250 V	1	
	C16641	F1K2J222A014	C 2200PF ,630V	1	
	C16642	F1L2J222A022	C 2200PF, 630V	1	
	C16645	F1K2J102A014	C 1000PF, 630V	1	
	C16646	F1K2J102A014	C 1000PF, 630V	1	
	C16661	F1K2J102A038	C 1000PF, 630V	1	
	C16662	F1K2J102A038	C 1000PF, 630V	1	
	C16664	ECJ1XC1H820J	C 82PF, J, 50V	1	
	C16665	ECJ1XC1H820J	C 82PF, J, 50V	1	
	C16666	ECJ1XC1H820J	C 82PF, J, 50V	1	
	C16668	F1H1H821A831	C 820 PF, 50V	1	
	C16685	F1H1H104A970	C 0.1UF, , 50V	1	
	C16692	F1H1H104A970	C 0.1UF, , 50V	1	
	C16723	F1K1E105A029	C 1UF, 25V	1	
	C16724	F1K1E475A134	C 4.7UF 25V	1	
	C16753	F1K1E475A134	C 4.7UF 25V	1	
	C16770	F1H1C105A145	C 1 uF 16 V	1	
	C16791	F2A1E151B705	E 150UF, 25V	1	
	C16793	F2A1E151B705	E 150UF, 25V	1	
	C16794	F1J1A106A087	C 10UF, 10V	1	
	C16795	F2A1E151B705	E 150UF, 25V	1	
	C16796	F1K1E475A134	C 4.7UF 25V	1	
	C16813	F2A2T131A021	E 130UF, 220V	1	
	C16833	F1K2J222A014	C 2200PF ,630V	1	
	C16834	F1K2J222A014	C 2200PF ,630V	1	
	C16842	F2A2C131A210	E 130UF, 160V	1	
	C16843	ECJ1VB1A105K	C 1UF, 10V	1	
	C16844	F1J1H104A717	C 0.1UF, 50V	1	
	C16854	F1J1H104A717	C 0.1UF, 50V	1	
	C16856	ECJ1VB1A105K	C 1UF, 10V	1	
	C16858	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C16859	F1J1H104A717	C 0.1UF, 50V	1	
	C16860	ECJ1VB1A105K	C 1UF, 10V	1	
	C16861	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C16862	ECJ1VB1A105K	C 1UF, 10V	1	
	C16863	F1J1H104A717	C 0.1UF, 50V	1	
	C16865	F1H1C105A145	C 1 uF 16 V	1	
	C16891	F1K1E105A029	C 1UF, 25V	1	
	C16902	F1E2J472A001	C 4700PF, 630V	1	
	C16903	F1E2J152A002	C 1500PF, 630V	1	
	C16907	F1E2J221A002	C 220PF, 630V	1	
	C16910	F1E2J821A002	C 820PF, 630V	1	
	C16912	F1E2J821A002	C 820PF, 630V	1	
	C17101	ECJ1VB1A105K	C 1UF, 10V	1	
	C17102	ECJ1VB1A105K	C 1UF, 10V	1	
	C17103	ECJ1VB1A105K	C 1UF, 10V	1	
	C17109	F1K2A224A033	C 0.22UF, 100V	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	C17110	F1K2A224A033	C 0.22UF, 100V	1	
	C17112	F1K2A224A033	C 0.22UF, 100V	1	
	C17114	ECJ1XC1H102J	C 1000PF, J, 50V	1	
	C17115	ECJ1XC1H102J	C 1000PF, J, 50V	1	
	C17116	ECJ1XC1H102J	C 1000PF, J, 50V	1	
	C17117	ECJ1XC1H102J	C 1000PF, J, 50V	1	
	C17201	ECJ1VB1A105K	C 1UF, 10V	1	
	C17202	ECJ1VB1A105K	C 1UF, 10V	1	
	C17203	ECJ1VB1A105K	C 1UF, 10V	1	
	C17204	ECJ1VB1A105K	C 1UF, 10V	1	
	C17205	ECJ1VB1A105K	C 1UF, 10V	1	
	C17206	ECJ1VB1A105K	C 1UF, 10V	1	
	C17207	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C17208	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C17223	F1K2A224A033	C 0.22UF, 100V	1	
	C17224	F1K2A224A033	C 0.22UF, 100V	1	
	C17228	F1K2A224A033	C 0.22UF, 100V	1	
	C17229	F1K2A224A033	C 0.22UF, 100V	1	
	C17231	F1K2A224A033	C 0.22UF, 100V	1	
	C17233	F1K2A224A033	C 0.22UF, 100V	1	
	C17234	ECJ1XC1H102J	C 1000PF, J, 50V	1	
	C17235	ECJ1XC1H102J	C 1000PF, J, 50V	1	
	C17236	ECJ1XC1H102J	C 1000PF, J, 50V	1	
	C17237	ECJ1XC1H102J	C 1000PF, J, 50V	1	
	C17301	ECJ1VB1A105K	C 1UF, 10V	1	
	C17302	ECJ1VB1A105K	C 1UF, 10V	1	
	C17303	ECJ1VB1A105K	C 1UF, 10V	1	
	C17304	ECJ1VB1A105K	C 1UF, 10V	1	
	C17305	ECJ1VB1A105K	C 1UF, 10V	1	
	C17306	ECJ1VB1A105K	C 1UF, 10V	1	
	C17307	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
	C17328	F1K2A224A033	C 0.22UF, 100V	1	
	C17330	F1K2A224A033	C 0.22UF, 100V	1	
	C17332	F1K2A224A033	C 0.22UF, 100V	1	
	C17333	F1K2A224A033	C 0.22UF, 100V	1	
	C17336	F1K2A224A033	C 0.22UF, 100V	1	
	C17337	F1K2A224A033	C 0.22UF, 100V	1	
	CB1	K1MY55B00002	55P CONNECTOR	1	
	CB2	K1MY55B00002	55P CONNECTOR	1	
	CB3	K1MY55B00002	55P CONNECTOR	1	
	CB4	K1MY55B00002	55P CONNECTOR	1	
	CB5	K1MY55B00002	55P CONNECTOR	1	
	CB6	K1MY55B00002	55P CONNECTOR	1	
	CB7	K1MY55B00002	55P CONNECTOR	1	
	CB8	K1MY55B00002	55P CONNECTOR	1	
	CB9	K1MY55B00002	55P CONNECTOR	1	
	CB10	K1MY55B00002	55P CONNECTOR	1	
	CB11	K1MY55B00002	55P CONNECTOR	1	
	CB12	K1MY55B00002	55P CONNECTOR	1	
	CB13	K1MY55B00002	55P CONNECTOR	1	
	CB14	K1MY55B00002	55P CONNECTOR	1	
	CB15	K1MY55B00002	55P CONNECTOR	1	
	D16001	DA3CF30ACL	ZENER DIODE	1	
	D16021	DA3CF30ACL	ZENER DIODE	1	
	D16041	B0FCCN000003	DIODE	1	
	D16043	B0FCCN000003	DIODE	1	
	D16051	B0FCCN000001	DIODE	1	
	D16053	B0FCCN000001	DIODE	1	
	D16071	B0ECKP000055	DIODE	1	
	D16072	DA3CF30ACL	ZENER DIODE	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	D16131	B0ECKP000055	DIODE	1	
	D16133	B0ACCJ000048	DIODE	1	
	D16134	DZ2J051M0L	ZENER DIODE	1	
	D16191	B0ECKP000055	DIODE	1	
	D16192	B0ACCJ000048	DIODE	1	
	D16193	DZ2J051M0L	ZENER DIODE	1	
	D16243	B0ADCJ000100	DIODE	1	
	D16251	DZ2J330M0L	ZENER DIODE	1	
	D16252	DZ2J330M0L	ZENER DIODE	1	
	D16253	DZ2J051M0L	ZENER DIODE	1	
	D16254	B3ABB0000210	LED	1	
	D16255	B0ADCJ000100	DIODE	1	
	D16282	DZ2J068M0L	ZENER DIODE	1	
	D16285	B0ADEJ000035	ZENER DIODE	1	
	D16286	B0ACCJ000048	DIODE	1	
	D16315	DZ2J150M0L	ZENER DIODE	1	
	D16316	B0ECKP000055	DIODE	1	
	D16317	B0ECKP000055	DIODE	1	
	D16362	DA3CF30ACL	ZENER DIODE	1	
	D16401	B0FCCN000003	DIODE	1	
	D16407	B0JCME000093	DIODE	1	
	D16411	B0ADCJ000100	DIODE	1	
	D16413	B0ACCJ000048	DIODE	1	
	D16421	DA3CF30ACL	ZENER DIODE	1	
	D16430	B0ECKP000055	DIODE	1	
	D16432	DA3CF30ACL	ZENER DIODE	1	
	D16461	B0FCCN000003	DIODE	1	
	D16462	B0FCCN000003	DIODE	1	
	D16473	B0ACCJ000048	DIODE	1	
	D16474	B0ACCJ000048	DIODE	1	
	D16475	DZ2J051M0L	ZENER DIODE	1	
	D16476	B0ACCJ000048	DIODE	1	
	D16481	B0FCCN000001	DIODE	1	
	D16482	B0FCCN000001	DIODE	1	
	D16491	B0ACCJ000048	DIODE	1	
	D16492	DZ2J047M0L	ZENER DIODE	1	
	D16493	B0ADCJ000100	DIODE	1	
	D16506	DZ2J051M0L	ZENER DIODE	1	
	D16534	DZ2J051M0L	ZENER DIODE	1	
	D16536	B0ECKP000055	DIODE	1	
	D16537	B0ADCJ000100	DIODE	1	
	D16538	B0ADCJ000100	DIODE	1	
	D16581	DZ2J330M0L	ZENER DIODE	1	
	D16582	DZ2J330M0L	ZENER DIODE	1	
	D16583	B3ABB0000210	LED	1	
	D16602	DZ2J043M0L	ZENER DIODE	1	
	D16603	B0ACCJ000048	DIODE	1	
	D16604	B0ADCJ000100	DIODE	1	
	D16605	B0ACCJ000048	DIODE	1	
	D16607	B0ACCJ000048	DIODE	1	
	D16608	B0ECKP000055	DIODE	1	
	D16609	B0ECKP000055	DIODE	1	
	D16618	B0ECKP000055	DIODE	1	
	D16641	B0FCCN000004	DIODE	1	
	D16642	B0FCCN000004	DIODE	1	
	D16643	B0FCCN000004	DIODE	1	
	D16645	DZ2J150M0L	ZENER DIODE	1	
	D16646	DZ2J150M0L	ZENER DIODE	1	
	D16647	DZ2J150M0L	ZENER DIODE	1	
	D16648	DZ2J043M0L	ZENER DIODE	1	
	D16651	DZ2J051M0L	ZENER DIODE	1	
	D16652	B0ECKP000055	DIODE	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	D16662	DZ2J150M0L	ZENER DIODE	1	
	D16663	DZ2J150M0L	ZENER DIODE	1	
	D16664	DZ2J150M0L	ZENER DIODE	1	
	D16669	B0ACCJ000048	DIODE	1	
	D16673	B0ECHR000004	DIODE	1	
	D16674	B0ECHR000004	DIODE	1	
	D16685	B0ACCJ000048	DIODE	1	
	D16710	DZ2J15000L	ZENER DIODE	1	
	D16711	B0ECHR000004	DIODE	1	
	D16712	B0ECHR000004	DIODE	1	
	D16713	B0ECHS000002	DIODE	1	
	D16714	B0ECHS000002	DIODE	1	
	D16720	B0ECHR000004	DIODE	1	
	D16728	B0ECKP000055	DIODE	1	
	D16791	DZ2J240M0L	ZENER DIODE	1	
	D16822	B0ACCJ000048	DIODE	1	
	D16823	B0ADCJ000100	DIODE	1	
	D16824	B0ACCJ000048	DIODE	1	
	D16825	DZ2J330M0L	ZENER DIODE	1	
	D16833	B0ECHR000004	DIODE	1	
	D17103	B0JCCD000020	DIODE	1	
	D17303	B0JCCD000020	DIODE	1	
	IC16131	C0ZBZ0001822	IC	1	
	IC16132	C0ZBZ0001822	IC	1	
	IC16151	C0ZBZ0001822	IC	1	
	IC16152	C0ZBZ0001822	IC	1	
	IC16191	C0ZBZ0001822	IC	1	
	IC16241	C0JBAU000088	IC	1	
	IC16243	C0JBAB000715	IC	1	
	IC16244	C0JBAA000558	IC	1	
	IC16304	MIP3910MSSCF	IC	1	
	IC16312	C0DBZMC00006	IC	1	
	IC16471	C0DBEYY00114	IC	1	
	IC16490	C0DBZMC00006	IC	1	
	IC16491	C0BBAA000008	LINEAR IC	1	
	IC16501	C0ZBZ0001822	IC	1	
	IC16502	C0ZBZ0001822	IC	1	
	IC16521	C0ZBZ0001822	IC	1	
	IC16522	C0ZBZ0001822	IC	1	
	IC16561	C0JBAU000088	IC	1	
	IC16562	C0JBAU000088	IC	1	
	IC16563	C0JBAB000996	IC	1	
	IC16564	C0JBAE000321	IC	1	
	IC16565	C0JBAE000321	IC	1	
	IC16684	C0ZBZ0001822	IC	1	
	IC16691	C0JBAC000509	IC	1	
	IC16724	C0CBADE00049	IC	1	
	IC16784	MIP3910MSSCF	IC	1	
	IC16785	C0DBZYY00352	IC	1	
	IC16786	MIP3910MSSCF	IC	1	
	IC16787	C0DBZYY00352	IC	1	
	IC16795	C0CBALC00012	IC	1	
	IC16921	C1ZBZ0004292	IC	1	
	IC17201	C0JBAU000088	IC	1	
	IC17202	C0JBAU000088	IC	1	
	IC17301	C0JBAU000088	IC	1	
	L16001	G0CR13KA0214	PEAKING COIL	1	
	L16002	G0CR13KA0214	PEAKING COIL	1	
	L16303	G0C471MA0049	PEAKING COIL	1	
	L16411	G0CR13KA0214	PEAKING COIL	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	L16412	G0CR13KA0214	PEAKING COIL	1	
	PC16131	B3PBE0000058	IC	1	
	PC16191	B3PBE0000060	IC	1	
	PC16251	B3PBA0000498	IC	1	
	PC16301	B3PBA0000498	IC	1	
	PC16461	B3PBE0000058	IC	1	
	PC16462	B3PBE0000060	IC	1	
	PC16480	B3PBA0000498	IC	1	
	PC16581	B3PBA0000498	IC	1	
	PC16603	B3PBA0000498	IC	1	
	PC16685	B3PBA0000496	IC	1	
	PC16723	B3PBA0000498	IC	1	
	PC16896	B3PBA0000498	IC	1	
	PC16897	B3PBA0000498	IC	1	
	Q16001	B1JBDN000004	TRANSISTOR	1	
	Q16002	B1JBDN000004	TRANSISTOR	1	
	Q16003	B1JBDN000004	TRANSISTOR	1	
	Q16021	B1JBDN000004	TRANSISTOR	1	
	Q16022	B1JBDN000004	TRANSISTOR	1	
	Q16023	B1JBDN000004	TRANSISTOR	1	
	Q16041	DG3C3020CL	TRANSISTOR	1	
	Q16043	DG3C3020CL	TRANSISTOR	1	
	Q16051	DG3C3020CL	TRANSISTOR	1	
	Q16053	DG3C3020CL	TRANSISTOR	1	
	Q16055	B1HFPFA00001	TRANSISTOR	1	
	Q16056	B1HFPFA00001	TRANSISTOR	1	
	Q16101	B1CFRM000015	FET	1	
	Q16102	B1CFRM000015	FET	1	
	Q16141	B1HFPFA00001	TRANSISTOR	1	
	Q16161	B1HFPFA00001	TRANSISTOR	1	
	Q16251	B1ABCF000231	TRANSISTOR	1	
	Q16280	B1ABCE000015	TRANSISTOR	1	
	Q16401	B1JBDN000004	TRANSISTOR	1	
	Q16402	B1JBDN000004	TRANSISTOR	1	
	Q16403	B1JBDN000004	TRANSISTOR	1	
	Q16421	B1JBDN000004	TRANSISTOR	1	
	Q16422	B1JBDN000004	TRANSISTOR	1	
	Q16423	B1JBDN000004	TRANSISTOR	1	
	Q16441	DG3C3020CL	TRANSISTOR	1	
	Q16442	DG3C3020CL	TRANSISTOR	1	
	Q16451	DG3C3020CL	TRANSISTOR	1	
	Q16452	DG3C3020CL	TRANSISTOR	1	
	Q16471	B1ABCE000015	TRANSISTOR	1	
	Q16501	B1HFPFA00001	TRANSISTOR	1	
	Q16521	B1HFPFA00001	TRANSISTOR	1	
	Q16531	B1HFPFA00001	TRANSISTOR	1	
	Q16538	B1CBGD000001	FET	1	
	Q16551	B1HFPFA00001	TRANSISTOR	1	
	Q16581	B1ABCF000231	TRANSISTOR	1	
	Q16600	B1CFRM000020	FET	1	
	Q16601	B1CFRQ000022	FET	1	
	Q16602	DSA2001S0L	TRANSISTOR	1	
	Q16606	DSC2001S0L	TRANSISTOR	1	
	Q16607	B1CBGD000001	FET	1	
	Q16621	B1JBDN000004	TRANSISTOR	1	
	Q16622	B1JBDN000004	TRANSISTOR	1	
	Q16623	B1JBDN000004	TRANSISTOR	1	
	Q16646	DSA2001S0L	TRANSISTOR	1	
	Q16647	B1CBGD000001	FET	1	
	Q16660	B1CFRQ000021	FET	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	Q16661	B1JBER000002	TRANSISTOR	1	
	Q16762	B1HFPFA00001	TRANSISTOR	1	
	Q16815	B1ABCN000007	TRANSISTOR	1	
	Q16817	DSC2001Q0L	TRANSISTOR	1	
	Q16818	B1CBGD000001	FET	1	
	Q16819	B1CBGD000001	FET	1	
	Q16820	B1CBGD000001	FET	1	
	Q16891	DSA2001S0L	TRANSISTOR	1	
	Q16892	DSC2001Q0L	TRANSISTOR	1	
	Q16931	B1ABCN000007	TRANSISTOR	1	
	R16001	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16002	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16003	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16021	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16022	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16023	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16031	D0GF473JA048	M 47KOHM,J,1/3W	1	
	R16032	D0GF473JA048	M 47KOHM,J,1/3W	1	
	R16041	D0GF5R6JA047	M 5.6 OHM,J, 1/3W	1	
	R16043	D0GF5R6JA047	M 5.6 OHM,J, 1/3W	1	
	R16051	D0GF5R6JA047	M 5.6 OHM,J, 1/3W	1	
	R16053	D0GF5R6JA047	M 5.6 OHM,J, 1/3W	1	
	R16101	D0GD150JA059	M 15 OHM,J,1/4W	1	
	R16102	D0GD150JA059	M 15 OHM,J,1/4W	1	
	R16105	D0GF474JA048	M 470KOHM,J,1/3W	1	
	R16116	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R16130	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16131	D0GB220JA065	M 22 OHM J 1/10W	1	
	R16132	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R16133	D1BD2700A044	M 270 OHM,J.1/8 W	1	
	R16134	D0GD750JA059	M 75 OHM,J,1/4W	1	
	R16135	D0GB4R7JA065	M 4.7 OHM J 1/10W	1	
	R16137	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R16138	D0GF561JA047	M 560 OHM,J, 1/3W	1	
	R16141	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16143	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R16151	D0GB220JA065	M 22 OHM J 1/10W	1	
	R16152	D0GB220JA065	M 22 OHM J 1/10W	1	
	R16153	D0GB331JA065	M330 OHM J 1/10W	1	
	R16154	D0GD750JA059	M 75 OHM,J,1/4W	1	
	R16155	D0GB4R7JA065	M 4.7 OHM J 1/10W	1	
	R16161	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16163	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R16171	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16173	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R16181	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16183	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R16191	D1BD2700A044	M 270 OHM,J.1/8 W	1	
	R16192	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16193	D0GD750JA052	M 75 OHM,J,1/8W	1	
	R16195	D0GF1R0JA047	M 1 OHM,J,1/3W	1	
	R16196	D0GF102JA048	M 1.0 KOHM,J,1/3W	1	
	R16197	D0GB220JA065	M 22 OHM J 1/10W	1	
	R16230	D0GD470JA052	M 47 OHM,J,1/8W	1	
	R16231	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R16241	EXB38V470J	M 47 OHM 1/16 W	1	
	R16242	EXB38V472JV	M 4.7 kOHM 1/16 W	1	
	R16243	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16244	D0GB273JA065	M 27K OHM J 1/10W	1	
	R16245	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R16246	D0GD222JA052	M 2.2KOHM,J,1/8W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R16252	D0GF563JA048	M 56 KOHM,J,1/3W	1	
	R16253	D1BD1003A044	M 100KOHM,J.1/8 W	1	
	R16254	D1BD4422A044	M44.2KOHM,F.1/8W	1	
	R16255	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16257	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R16281	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16282	D0GD221JA052	M 220 OHM,J 1/8W	1	
	R16283	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R16284	D0GB224JA065	M 220KOHM,J,1/10W	1	
	R16285	EXB38V823J	M 82 kOHM 1/16 W	1	
	R16288	D0GF334JA047	M 330KOHMJ,1/3W	1	
	R16289	D0GF334JA047	M 330KOHMJ,1/3W	1	
	R16290	D0GF334JA047	M 330KOHMJ,1/3W	1	
	R16307	D0GDR00J0004	M 0 OHM, 1/8W	1	
	R16309	ERG2FJX273	M 27KOHM, J, 1W	1	
	R16310	ERG2FJX273	M 27KOHM, J, 1W	1	
	R16317	D1BD6492A077	M64.9KOHM,D.1/10W	1	
	R16318	D1BD6802A077	M68.0KOHM,D.1/10W	1	
	R16319	D1BD2491A077	M 2.49KOHM,D.1/10W	1	
	R16320	ERJ14YJ683	M 68KOHM, J. 1/4W	1	
	R16330	D0GB102JA065	M 1KOHM,J,1/10W	1	
	R16332	D0GB474JA065	M 470KOHM,J,1/10W	1	
	R16334	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R16335	D0GB102JA065	M 1KOHM,J,1/10W	1	
	R16401	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16402	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16403	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16411	D1BD2700A044	M 270 OHM,J.1/8 W	1	
	R16412	D1BD2700A044	M 270 OHM,J.1/8 W	1	
	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	
	R16423	D0GF7R5JA047	M 7.5 OHM,J, 1/3W	1	
	R16441	D0GF5R6JA047	M 5.6 OHM,J, 1/3W	1	
	R16442	D0GF5R6JA047	M 5.6 OHM,J, 1/3W	1	
	R16451	D0GF5R6JA047	M 5.6 OHM,J, 1/3W	1	
	R16452	D0GF5R6JA047	M 5.6 OHM,J, 1/3W	1	
	R16466	D0GF473JA048	M 47KOHM,J,1/3W	1	
	R16467	D0GF473JA048	M 47KOHM,J,1/3W	1	
	R16471	D0GB392JA065	M 3.9KOHM,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	
	R16478	D0GB562JA065	M 5.6KOHM,J,1/10W	1	
	R16479	D0GD103JA052	M 10KOHM,J,1/8W	1	
	R16490	D1BD1203A077	M 120KOHM,D.1/10W	1	
	R16491	D1BD1203A077	M 120KOHM,D.1/10W	1	
	R16492	D1BD1203A077	M 120KOHM,D.1/10W	1	
	R16493	D1BD5491A077	M5.49KOHM,D.1/10W	1	
	R16494	D1BB2001A055	M 2KOHM,J.1/10W	1	
	R16497	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R16498	D0GB103JA065	M 10K OHM J 1/10W	1	
	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	
	R16506	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16507	D0GB220JA065	M 22 OHM J 1/10W	1	
	R16508	D0GB220JA065	M 22 OHM J 1/10W	1	
	R16512	D0GB473JA065	M 47KOHM J. 1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R16517	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R16522	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R16525	D0GB4R7JA065	M 4.7 OHM J 1/10W	1	
	R16526	D0GB4R7JA065	M 4.7 OHM J 1/10W	1	
	R16531	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16532	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R16534	D0GF561JA047	M 560 OHM,J, 1/3W	1	
	R16536	D0GF1R0JA047	M 1 OHM,J,1/3W	1	
	R16537	D0GF1R0JA047	M 1 OHM,J,1/3W	1	
	R16551	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16552	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R16561	EXB38V470J	M 47 OHM 1/16 W	1	
	R16562	EXB38V470J	M 47 OHM 1/16 W	1	
	R16563	EXB38V470J	M 47 OHM 1/16 W	1	
	R16564	EXB38V470J	M 47 OHM 1/16 W	1	
	R16565	EXB38V472JV	M 4.7 kOHM 1/16 W	1	
	R16566	EXB38V472JV	M 4.7 kOHM 1/16 W	1	
	R16567	EXB38V472JV	M 4.7 kOHM 1/16 W	1	
	R16568	EXB38V472JV	M 4.7 kOHM 1/16 W	1	
	R16570	EXB38V472JV	M 4.7 kOHM 1/16 W	1	
	R16573	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16574	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16575	D0GB751JA065	M750 OHM J 1/10W	1	
	R16576	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R16579	EXB38V470J	M 47 OHM 1/16 W	1	
	R16581	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16582	D0GF563JA048	M 56 KOHM,J,1/3W	1	
	R16583	D1BD1003A044	M 100KOHM,J.1/8 W	1	
	R16584	D1BD4422A044	M44.2KOHM,F.1/8W	1	
	R16585	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R16587	D0GB222JA065	M 2.2KOHM,J,1/10W	1	
	R16588	D0GB223JA065	M 22KOHM,J,1/10W	1	
	R16590	D0GB221JA065	M 220 OHM J 1/10W	1	
	R16591	EXB38V472JV	M 4.7 kOHM 1/16 W	1	
	R16594	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R16601	D0GF1R0JA047	M 1 OHM,J,1/3W	1	
	R16604	D0GD331JA052	M 330 OHM,J,1/8W	1	
	R16605	D0GD220JA059	M 22 OHM,J,1/4W	1	
	R16606	D0GD223JA052	M 22KOHM,J,1/8W	1	
	R16607	D1BB5111A055	M5.11KOHM,J.1/10W	1	
	R16608	ERG2FJX153	M 15KOHM, J, 2W	1	
	R16609	D0GF102JA047	M 1.0 KOHM,J,1/3W	1	
	R16610	D0GB104JA065	M 100KOHM J 1/10W	1	
	R16612	D0GD220JA059	M 22 OHM,J,1/4W	1	
	R16615	D1BB8060A055	M 806 OHM,J.1/10W	1	
	R16617	D0GD222JA052	M 2.2KOHM,J,1/8W	1	
	R16621	D0GD221JA052	M 220 OHM,J 1/8W	1	
	R16622	D0GD221JA052	M 220 OHM,J 1/8W	1	
	R16623	D0GD221JA052	M 220 OHM,J 1/8W	1	
	R16631	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16633	D0GD223JA052	M 22KOHM,J,1/8W	1	
	R16634	D0GD222JA052	M 2.2KOHM,J,1/8W	1	
	R16645	D0GB562JA065	M 5.6KOHM,J,1/10W	1	
	R16646	D1BD8660A044	M 866 OHM,F.1/8W	1	
	R16648	D0GF202JA047	M 2KOHM,J,1/3W	1	
	R16649	D0GD330JA059	M 33 OHM,F,1/4W	1	
	R16650	D0GB104JA065	M 100KOHM J 1/10W	1	
	R16651	D0GF202JA047	M 2KOHM,J,1/3W	1	
	R16653	D0GD222JA052	M 2.2KOHM,J,1/8W	1	
	R16654	D0GD470JA052	M 47 OHM,J,1/8W	1	
	R16658	D1BD6491A077	M6.49KOHM,D.1/10W	1	
	R16661	D0GD100JA059	M 10 OHM,J,1/4W	1	

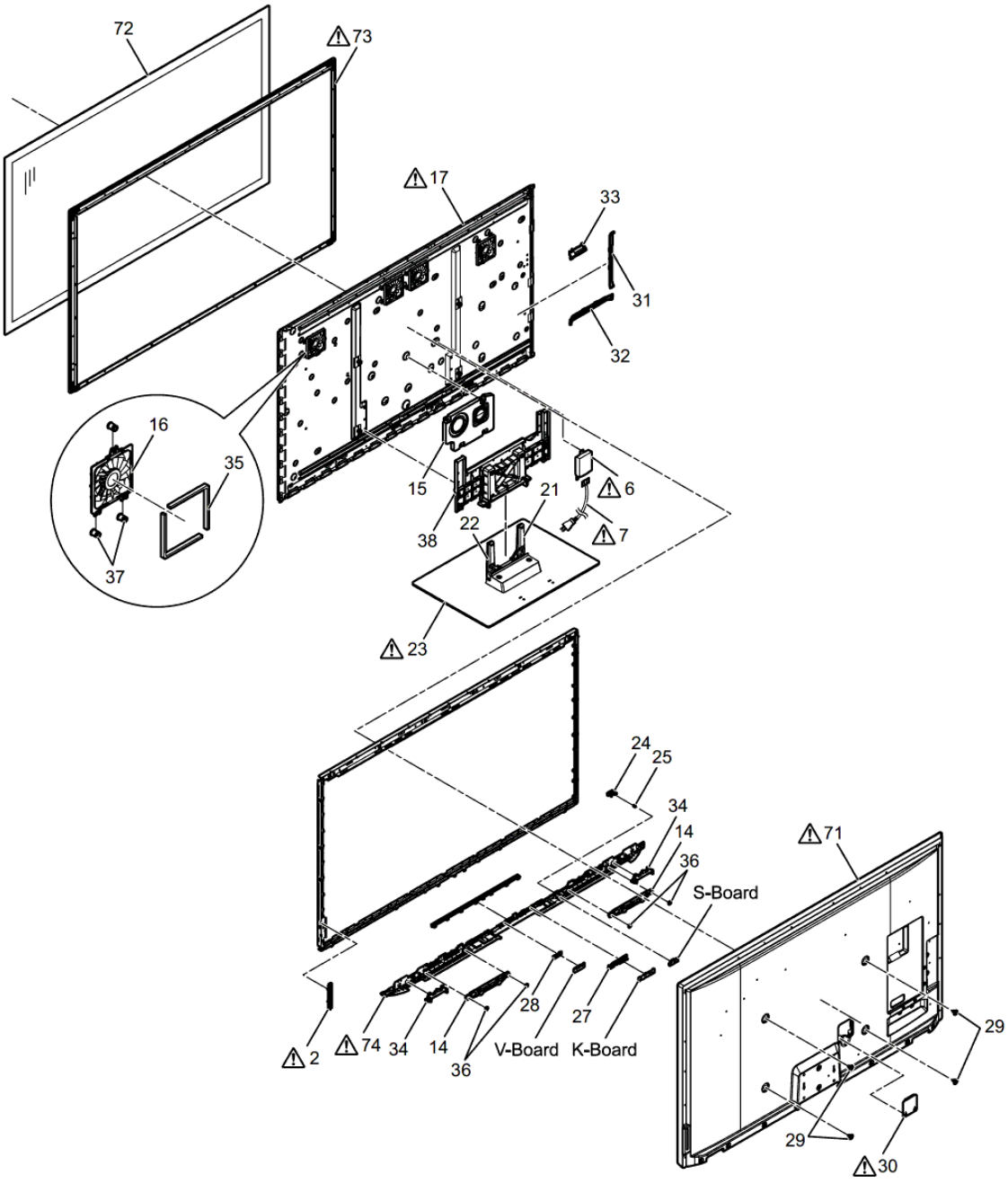
Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R16662	D1BB1002A087	M 10KOHM,J.1/10W	1	
	R16663	D1BD9091A077	M 9.09KOHM,D.1/10W	1	
	R16664	D0GF202JA047	M 2KOHM,J,1/3W	1	
	R16665	D0GD222JA052	M 2.2KOHM,J,1/8W	1	
	R16666	D1BB1003A087	M100KOHM,D 1/10W	1	
	R16667	D0GF202JA047	M 2KOHM,J,1/3W	1	
	R16668	D0GF202JA047	M 2KOHM,J,1/3W	1	
	R16674	D0GF202JA047	M 2KOHM,J,1/3W	1	
	R16675	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16676	D1BD2700A044	M 270 OHM,J.1/8 W	1	
	R16677	D0GF202JA047	M 2KOHM,J,1/3W	1	
	R16678	D0GF202JA047	M 2KOHM,J,1/3W	1	
	R16681	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16682	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16683	D0GD100JA059	M 10 OHM,J,1/4W	1	
	R16684	D0GB220JA065	M 22 OHM J 1/10W	1	
	R16685	D1BD1500A044	M 150 OHM,J.1/8 W	1	
	R16686	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16696	D0D26R2JA034	M 2.6 OHM,J,2W	1	
	R16697	D0D26R2JA034	M 2.6 OHM,J,2W	1	
	R16698	D0D26R2JA034	M 2.6 OHM,J,2W	1	
	R16699	D0D26R2JA034	M 2.6 OHM,J,2W	1	
	R16719	D0GB220JA065	M 22 OHM J 1/10W	1	
	R16721	EXB38V220JV	M 22 OHM 1/16 W	1	
	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	D1BD5902A044	M 59KOHM,F.1/8W	1	
	R16791	D0GB102JA065	M 1KOHM,J,1/10W	1	
	R16815	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16822	D1BD8202A044	M 82KOHM,J.1/8 W	1	
	R16823	D1BD6192A044	M61.9KOHM,J.1/8 W	1	
	R16824	D1BD3742A044	M37.4KOHM,F.1/8W	1	
	R16825	D0GD154JA059	M 150KOHM,J,1/4W	1	
	R16826	D0GB103JA065	M 10K OHM J 1/10W	1	
	R16829	D0GB102JA065	M 1KOHM,J,1/10W	1	
	R16831	D1BD6812A077	M68.1KOHM,D.1/10W	1	
	R16832	D1BD7152A077	M71.5K0OHM,D.1/10W	1	
	R16833	ERG1FJX683	M 68KOHM, J, 1W	1	
	R16834	ERG1FJX683	M 68KOHM, J, 1W	1	
	R16838	ERG2FJX473	M 47KOHM, J, 1W	1	
	R16839	ERG2FJX473	M 47KOHM, J, 1W	1	
	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	D1BD6812A077	M68.1KOHM,D.1/10W	1	
	R16846	D1BD5762A077	M57.6KOHM,D.1/10W	1	
	R16847	D1BD6492A077	M64.9KOHM,D.1/10W	1	
	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	D1BF6982A058	M 69.8KOHM, 1/4W	1	
	R16892	D1BF8252A058	M82.50KOHM, 1/4W	1	
	R16893	D1BF8252A058	M82.50KOHM, 1/4W	1	
	R16894	D1BB3091A087	M3.09KOHM,D 1/16W	1	
	R16895	D1BB9091A087	M9.09 KOHM,J.1/10W	1	
	R16897	D1BB2262A055	M22.6KOHM F 1/10W	1	
	R16898	D1BB3011A055	M 3.01KOHM, 1/10W	1	
	R16899	D1BB4991A055	M4.99KOHM,J.1/10W	1	

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R16900	D1BB5110A055	M 511 OHM, 1/10W	1	
	R16902	D0GB6R2JA065	M 6.2 OHM J 1/10W	1	
	R16921	D1BB2152A055	M 21.5KOHM, 1/10W	1	
	R16922	D1BB9531A055	M9.53KOHM,J.1/10W	1	
	R16931	D1BF2R70A021	M 2.7 OHM, 1/4W	1	
	R16932	D0GD223JA052	M 22KOHM,J,1/8W	1	
	R16937	D0GB184JA065	M 180KOHM J 1/10W	1	
	R16939	D0GD102JA052	M 1.0KOHM,J,1/8W	1	
	R16940	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R16941	D0GB472JA065	M 4.7KOHM, J,1/10W	1	
	R16942	D0GB473JA065	M 47KOHM J. 1/10W	1	
	R16945	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	D1BB49R90002	M 49 OHM,J.1/10W	1	
	R17105	D1BB49R90002	M 49 OHM,J.1/10W	1	
	R17106	D1BB49R90002	M 49 OHM,J.1/10W	1	
	R17107	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17108	D1BB49R90002	M 49 OHM,J.1/10W	1	
	R17131	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17133	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17135	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17145	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R17146	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R17161	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R17162	D0GBR00J0004	M 0 OHM J 1/10W	1	
	R17163	D0GB470JA065	M 47 OHM,J,1/10W	1	
	R17164	D0GB470JA065	M 47 OHM,J,1/10W	1	
	R17165	D1BB49R90002	M 49 OHM,J.1/10W	1	
	R17166	D1BB49R90002	M 49 OHM,J.1/10W	1	
	R17167	D1BB49R90002	M 49 OHM,J.1/10W	1	
	R17168	D1BB49R90002	M 49 OHM,J.1/10W	1	
	R17196	D0GB102JA065	M 1KOHM,J,1/10W	1	
	R17197	D0GF151JA047	M 150 OHM,J, 1/3W	1	
	R17198	D0GD224JA052	M 220KOHM,J,1/8W	1	
	R17201	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17202	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17203	D1BB49R90002	M 49 OHM,J.1/10W	1	
	R17204	D1BB49R90002	M 49 OHM,J.1/10W	1	
	R17205	D1BB49R90002	M 49 OHM,J.1/10W	1	
	R17206	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17207	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17208	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17209	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17210	D1BB49R90002	M 49 OHM,J.1/10W	1	
	R17211	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17212	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17231	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17233	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17235	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17237	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17239	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17241	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17262	D0GB470JA065	M 47 OHM,J,1/10W	1	
	R17263	D0GB681JA065	M 680 OHM,J,1/10W	1	
	R17264	D0GB681JA065	M 680 OHM,J,1/10W	1	
	R17268	D0GD224JA052	M 220KOHM,J,1/8W	1	
	R17270	EXB38V470J	M 47 OHM 1/16 W	1	
	R17271	EXB38V470J	M 47 OHM 1/16 W	1	
	R17272	EXB38V681J	M 680 OHM 1/16 W	1	
	R17278	D1BB49R90002	M 49 OHM,J.1/10W	1	

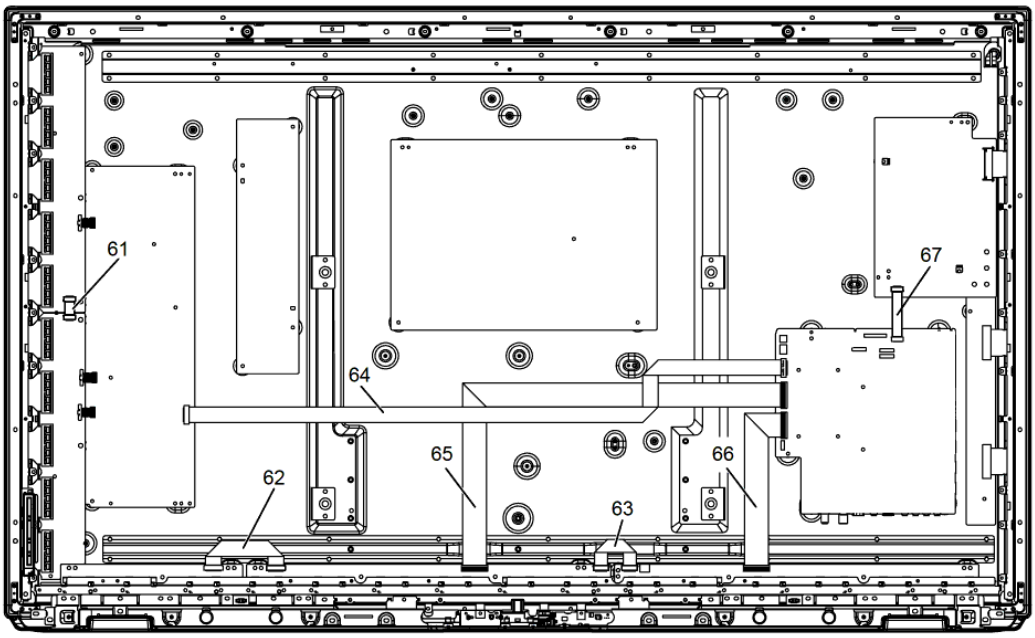
Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	R17279	D1BB49R90002	M 49 OHM,J.1/10W	1	
	R17280	D1BB49R90002	M 49 OHM,J.1/10W	1	
	R17281	D1BB49R90002	M 49 OHM,J.1/10W	1	
	R17301	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17302	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17303	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17304	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17305	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17306	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17307	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17308	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17309	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17310	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17311	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17312	D0GB101JA065	M 100 OHM,J,1/10W	1	
	R17316	D0GB470JA065	M 47 OHM,J,1/10W	1	
	R17331	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17333	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17335	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17337	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17339	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17341	D0GZ1R0JA020	M 1 OHM, J,1/2W	1	
	R17361	D0GB681JA065	M 680 OHM,J,1/10W	1	
	R17362	D0GB681JA065	M 680 OHM,J,1/10W	1	
	R17366	EXB38V470J	M 47 OHM 1/16 W	1	
	R17367	EXB38V470J	M 47 OHM 1/16 W	1	
	R17370	EXB38V681J	M 680 OHM 1/16 W	1	
	R17397	D0GF151JA047	M 150 OHM,J, 1/3W	1	
	R17398	D0GD224JA052	M 220KOHM,J,1/8W	1	
	SC2	K1KY02B00012	2P CONNECTOR	1	
	SC20	K1MY35BA0345	35P CONNECTOR	1	
	SC41	K1KA09AA0707	9P CONNECTOR	1	
	SC42	K1KA09AA0707	9P CONNECTOR	1	
	SC46	K1KA09AA0707	9P CONNECTOR	1	
	SC50	K1KA02AA0193	2P CONNECTOR	1	
	SS11	K1KY03B00006	3P CONNECTOR	1	
	SS33	K1MY20BA0345	20P CONNECTOR	1	
	SS53	K1MY13BA0343	13P CONNECTOR	1	
	SS54	K1MY13BA0443	13P CONNECTOR	1	
	SS56	K1MY13BA0443	13P CONNECTOR	1	
	T16471	G4DYA0000324	SWITCHING TRANS	1	
	T16472	G4DYA0000325	SWITCHING TRANS	1	
	ZA16001	K4AZ01D00004	TERMINAL	1	
	ZA16002	K4AZ01D00004	TERMINAL	1	
	ZA16011	K4AZ01D00004	TERMINAL	1	
	ZA16012	K4AZ01D00004	TERMINAL	1	
	ZA16101	K4AD01Z00003	TERMINAL	1	
	ZA16102	K4AD01Z00003	TERMINAL	1	
	ZA16105	K4AD01Z00003	TERMINAL	1	
	ZA16106	K4AD01Z00003	TERMINAL	1	
	ZA16111	K4AA04D00002	TERMINAL	1	
	ZA16112	K4AA04D00002	TERMINAL	1	
	ZA16115	K4AA04D00002	TERMINAL	1	
	ZA16116	K4AA04D00002	TERMINAL	1	
	ZA16402	K4AZ01D00004	TERMINAL	1	
	ZA16403	K4AZ01D00004	TERMINAL	1	
	ZA16411	K4AA04D00002	TERMINAL	1	
	ZA16412	K4AA04D00002	TERMINAL	1	

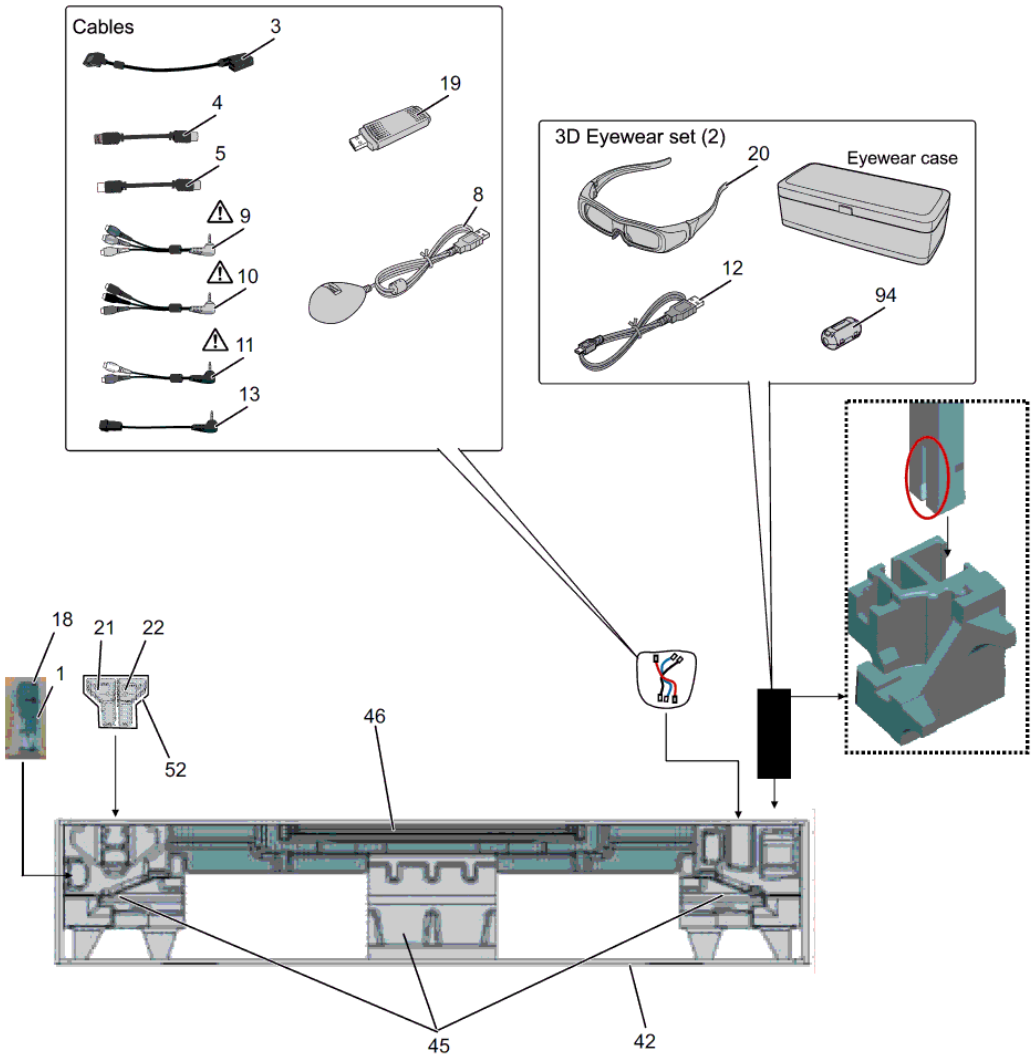
Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	ZA16421	K4AA04D00002	TERMINAL	1	
	ZA16422	K4AA04D00002	TERMINAL	1	
	ZA17101	K4CD01000013	AV TERMINAL	1	
	ZA17102	K4CD01000013	AV TERMINAL	1	
	ZA17103	K4CD01000013	AV TERMINAL	1	
	ZA17201	K4CD01000013	AV TERMINAL	1	
	ZA17202	K4CD01000013	AV TERMINAL	1	
	ZA17203	K4CD01000013	AV TERMINAL	1	
	ZA17204	K4CD01000013	AV TERMINAL	1	
	ZA17301	K4CD01000013	AV TERMINAL	1	
	ZA17302	K4CD01000013	AV TERMINAL	1	
	ZA17303	K4CD01000013	AV TERMINAL	1	
	ZA17304	K4CD01000013	AV TERMINAL	1	

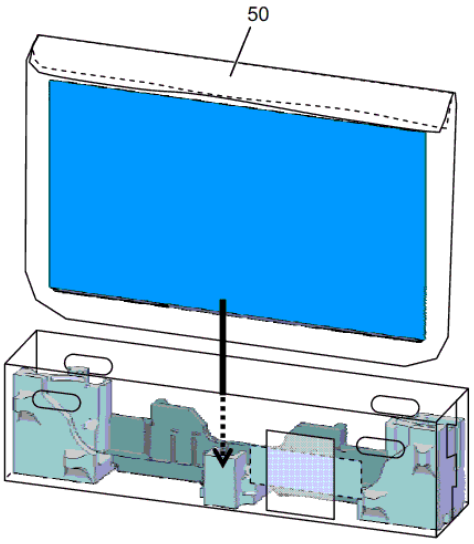
Model No. : TX-P55VT30B/Y Exploded View 1

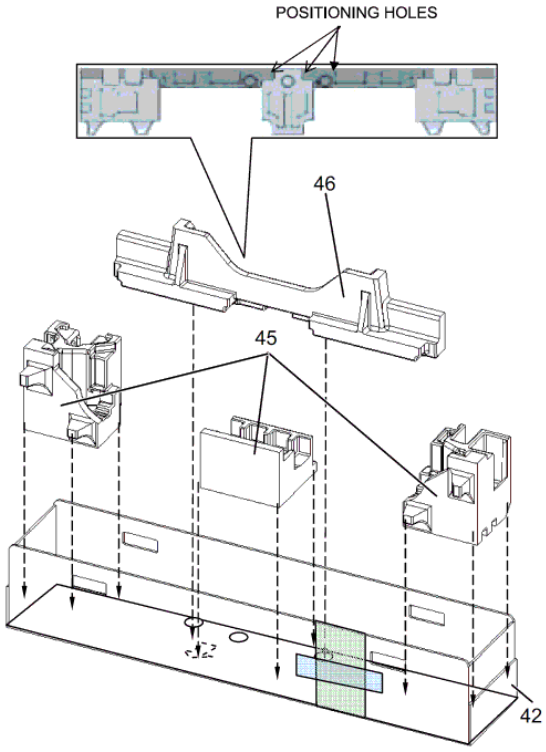


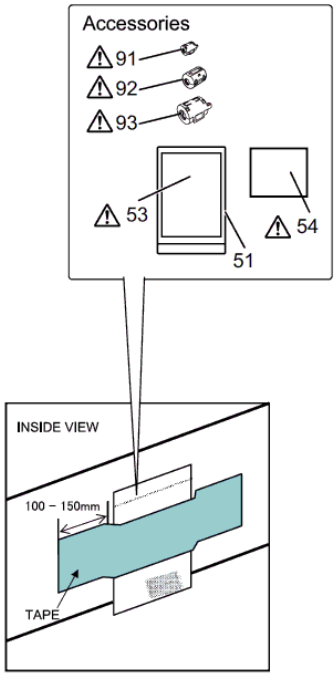
Assembly screw	Stand pole (2)	⚠ 23 Base (1)
26 M5 × 25 (8)	21 (L) (R) 22	

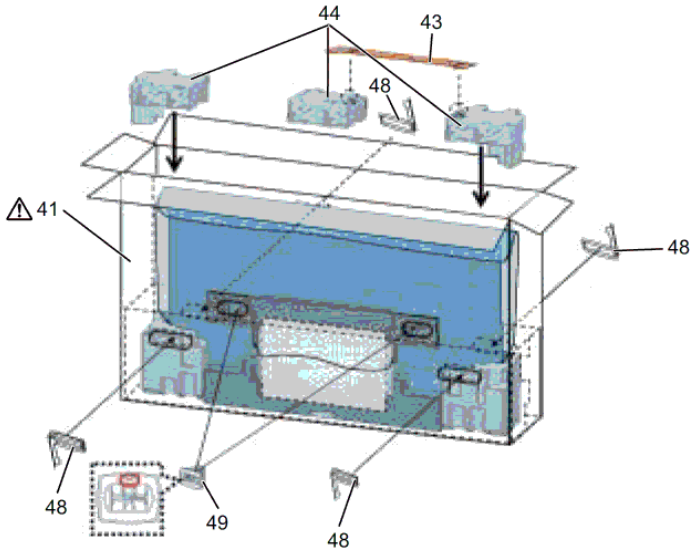


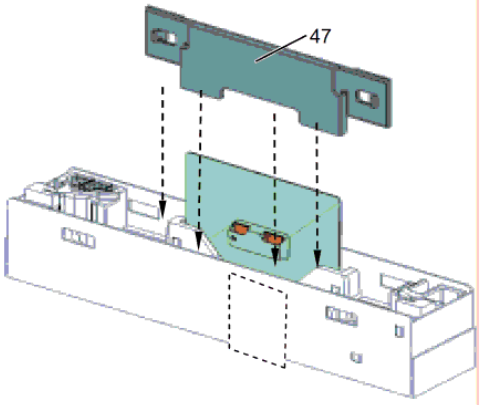


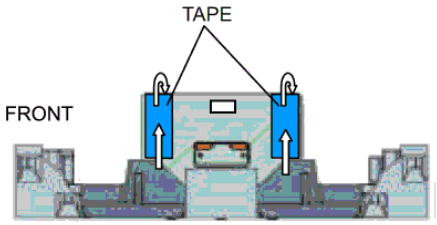


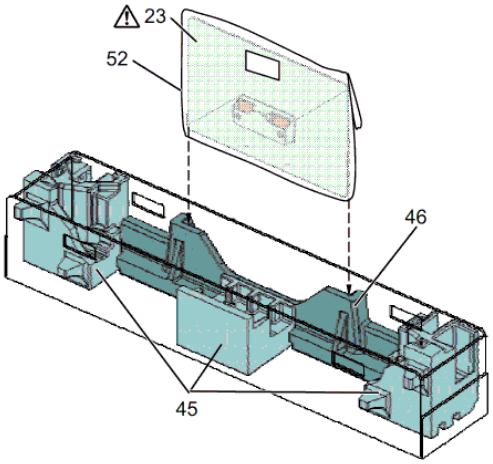


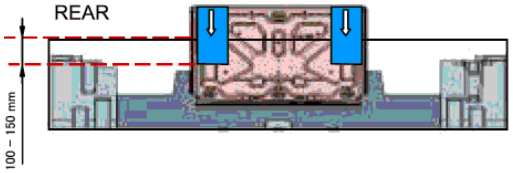












Model No. : TX-P55VT30B/Y Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	1	BAT-C-0593	Battery Cover of RC	1	PAVCCZ
⚠	91	J0KG00000011	FERRITE CORE	1	
⚠	92	J0KG00000100	FILTER	1	
⚠	93	J0KG00000146	FERRITE CORE PACK	1	
	94	J0KG00000156	FERRITE CORE	2	(3D EYEWEAR)
⚠	2	K0RB00500039	SIDE UNIT ASSY	1	PAVCCZ
	3	K1HY20YY0008	CABLE(SCART)	1	PAVCCZ
	4	K1TYYYY00158	CABLE (TUNER_F)	1	PAVCCZ
	5	K1TYYYY00159	CABLE(TUNER_PAL)	1	
⚠	6	K2AZYH000025	AC-INLET WITH CABLE	1	
⚠	7	K2CT3YY00035	AC CORD	1	(B) PAVCCZ
⚠	7	K2CN3YY00011	AC CORD	1	(Y) PAVCCZ
	8	K2KYYYY00132	USB CABLE	1	
⚠	9	K2KYYYY00136	CABLE (AV)	1	
⚠	10	K2KYYYY00137	CABLE (COMPONENT)	1	
⚠	11	K2KYYYY00138	CABLE (AUDIO)	1	
	12	K2KYYYY00151	CHARGE CABLE	2	(3D EYEWEAR)
	13	K7CXGYC00001	CABLE(OPTICAL_L)	1	PAVCCZ
	14	L0AA08C00004	SPEAKER	2	
	15	L0AZ08A00002	WOOFER	1	PAVCCZ
	16	L6FAYYYH0111	FAN	4	
⚠	17	MD55F14A5J	PLASMA DISPLAY PANEL	1	
	18	N2QAYB000593	REMOTE CONTROL	1	PAVCCZ
	19	N5HBZ0000055	WI-LAN MODULE(DONGLE)	1	PAVCCZ
	20	N5ZZ00000223	3D EYEWEAR	2	PAVCCZ
	21	TBL5ZA3107	STAND POLE L	1	
	22	TBL5ZA3108	STAND POLE R	1	
⚠	23	TBL5ZX0059	PEDESTAL STAND	1	PAVCCZ
	24	TBX5ZA00101A	POWER BUTTON	1	
	25	TESD114	POWER BUTTON SPRING	1	
		THEC141J	SCREW(CONTACT_METAL-AL_CABINET:14)	14	
		THEC142J	SCREW(WOOFER:3)	3	
		THEJ036J	SCREW(CONT_MET-AL_CAB:4 SIDE UNIT MET:1)	5	
		THEJ036J	SCREW(CONTACT_METAL:15 INLET_METAL:2 P:9	26	
		THEJ036J	SCREW(SS:6 SC:7 SUSD:3 PSM:1)	17	
		THEJ036J	SCREW(C:11)	11	
		THEJ039J	SCREW	12	
		THEJ0409	SCREW	35	chap.3.1. (1)
		THEJ046J	SCREW	16	PAVCCZ
		THEL0239	SP_SHI:16 STA_BRA:4 K:1 V:1 BTM_CAB:2	24	
		THEL0239	SCREW(A:5)	5	
		THEL0239	SCREW(DD-CONTACT_BOT:15)	15	
		THEL052Z	SCREW	4	
	26	THEL090N	SCREW M5x25	8	
		THTA0419	HOOK SCREW	2	
		THTD015J	SCREW(SP)	4	
		THTD028J	SCREW	2	
	27	TKKC5410-1	LED PANEL	1	
	28	TKKC5411	EMITTER PANEL	1	
	29	TKKL5493	M8 CAP	4	chap.3.1. (2)
⚠	30	TKP0E48801-1	INLET COVER	1	PAVCCZ
	31	TKP0E48901	SIDE TERMINAL COVER	1	PAVCCZ
	32	TKP0E49002	BOTTOM TERMINAL COVER	1	PAVCCZ
	33	TKP0E49201	USB TERMINAL COVER	1	PAVCCZ
	34	TKRA75402	HANDLE	2	PAVCCZ
		TMK0EX090	SPACER	4	PAVCCZ
	35	TMKH292	FAN SPONGE	8	
	36	TMMD019	SP SPACER	4	
		TMME084	CLAMPER	1	
		TMME289	CLAMPER	1	
		TMME292	CLAMPER	6	
		TMME332	CLAMPER	1	

Model No. : TX-P55VT30B/Y Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		TMME332	STD_BRKT:9 SP_S:2 AC_INLET:1 INLET_MET:1	13	
		TMME351	CLAMPER	5	
		TMME380	CLAMPER(CONTACT METAL BOT:2)	2	
		TMME380	CLAMPER	2	
		TMME397	SPACER	4	
		TMME409	SPACER	4	
	37	TMMJ117	RUBBER CUSHION	12	
	38	TMZX5188	STAND BRACKET	1	PAVCCZ
⚠	41	TPC0EA07301	CARTON BOX TOP	1	PAVCCZ
	42	TPC0EA07401	CARTON BOX BOTTOM	1	PAVCCZ
	43	TPD0E1170	TOP PAD	1	PAVCCZ
	44	TPD0E1174	TOP CUSHION	1	PAVCCZ
	45	TPD0E2178	BOTTOM CUSHION	1	PAVCCZ
	46	TPD0E9190	PEDESTAL CUSHION	1	PAVCCZ
	47	TPD0E9191	PEDESTAL PAD	1	PAVCCZ
	48	TPD169487	JOINT	4	
	49	TPDX0016-1	JOINT FOR PEDESTAL	2	
	50	TPE0E4010	PROTECT COVER	1	PAVCCZ
	51	TPE0E9008	BAG (INSTRUCTION BOOK)	1	PAVCCZ
	52	TPEB490	BAG (PEDESTAL STAND)	1	
		TPEH541	PROTECTION SHEET	2	(3D EYEWEAR)
⚠	53	TQB0E2148	INSTRUCTION BOOK(ENGLISH)	1	(B) PAVCCZ
⚠	53	TQB0E2150A	INSTRUCTION BOOK(GERMAN)	1	(Y) PAVCCZ
⚠	53	TQB0E2150B	INSTRUCTION BOOK(DUTCH)	1	(Y) PAVCCZ
⚠	53	TQB0E2150C	INSTRUCTION BOOK(ITALIAN)	1	(Y) PAVCCZ
⚠	53	TQB0E2150D	INSTRUCTION BOOK(FRENCH)	1	(Y) PAVCCZ
⚠	53	TQB0E2150E	INSTRUCTION BOOK(SPANISH)	1	(Y) PAVCCZ
⚠	53	TQB0E2150F	INSTRUCTION BOOK(SWEDISH)	1	(Y) PAVCCZ
⚠	53	TQB0E2150G	INSTRUCTION BOOK(NORWEGIAN)	1	(Y) PAVCCZ
⚠	53	TQB0E2150H	INSTRUCTION BOOK(FINNISH)	1	(Y) PAVCCZ
⚠	53	TQB0E2150I	INSTRUCTION BOOK(LITHUANIAN)	1	(Y) PAVCCZ
⚠	53	TQB0E2150J	INSTRUCTION BOOK(PORTUGUESE)	1	(Y) PAVCCZ
⚠	53	TQB0E2150K	INSTRUCTION BOOK(DANISH)	1	(Y) PAVCCZ
⚠	53	TQB0E2150M	INSTRUCTION BOOK(BULGARIAN)	1	(Y) PAVCCZ
⚠	53	TQB0E2150N	INSTRUCTION BOOK(ROMANIAN)	1	(Y) PAVCCZ
⚠	53	TQB0E2150O	INSTRUCTION BOOK(LATVIAN)	1	(Y) PAVCCZ
⚠	53	TQB0E2150P	INSTRUCTION BOOK(POLISH)	1	(Y) PAVCCZ
⚠	53	TQB0E2150Q	INSTRUCTION BOOK(HUNGARIAN)	1	(Y) PAVCCZ
⚠	53	TQB0E2150R	INSTRUCTION BOOK(CZECH)	1	(Y) PAVCCZ
⚠	53	TQB0E2150S	INSTRUCTION BOOK(GREEK)	1	(Y) PAVCCZ
⚠	53	TQB0E2150T	INSTRUCTION BOOK(TURKISH)	1	(Y) PAVCCZ
⚠	53	TQB0E2150U	INSTRUCTION BOOK(ENGLISH)	1	(Y) PAVCCZ
⚠	53	TQB0E2150V	INSTRUCTION BOOK(CROATIAN)	1	(Y) PAVCCZ
⚠	53	TQB0E2150W	INSTRUCTION BOOK(SLOVAKIAN)	1	(Y) PAVCCZ
⚠	53	TQB0E2150Z	INSTRUCTION BOOK(ESTONIAN)	1	(Y) PAVCCZ
⚠	54	TQB0E2150X	INSTRUCTION BOOK(CD-ROM)	1	(Y) PAVCCZ
		TQEF130	POLY BAG(3D EYEWEAR)	2	(3D EYEWEAR)
		TQEF132	POLY BAG(CHARGE CABLE)	2	(3D EYEWEAR)
		TQEF134	POLY BAG(EYEWEAR CASE)	2	(3D EYEWEAR)
		TQEF136	POLY BAG(FERRITE CORE)	2	(3D EYEWEAR)
		TQEF149	BAG (STAND POLE R)	1	
		TQEF150	BAG (SCREW)	1	
	61	TSXM217	CABLE(SU11-SD11)	1	
	62	TSXM238-1	CABLE(C10-C20)	1	
	63	TSXM240-1	CABLE(C26-C36)	1	
	64	TSXM299	CABLE(A20-SC20)	1	
	65	TSXM300	CABLE(C21-A31)	1	
	66	TSXM301	CABLE(C31-A32)	1	
	67	TSXM303	CABLE(A40-SS33)	1	
⚠	71	TTU0E0996	REAR COVER	1	(B) PAVCCZ
⚠	71	TTU0E0997	REAR COVER	1	(Y) PAVCCZ
	72	TXFKG01MRUA	FRONT GLASS COMPLETE (FOR REPAIR)	1	

Model No. : TX-P55VT30B/Y Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
⚠	73	TXFKR5Z0011	CABINET ASSY	1	PAVCCZ
⚠	74	TXFKY5Z0023A	BOTTOM CABINET ASSY	1	PAVCCZ
		TXJA11QHUE	SPEAKER LEAD(A11-SPL/SPR)	1	PAVCCZ
		TXJA12QHUE	SPEAKER LEAD(A12-WOOFER)	1	PAVCCZ
		XTB4+12GFJ	SCREW (S:2 HANDLE:4)	6	
		XTB4+12GFJ	SCREW(SP_SHIELD:6 HANDLE:2)	8	
		XYN3+F6FJ	SCREW(GLASS-CABINET:12)	12	
		XYN4+E6FJ	SCREW(INLET:1)	1	
		XYN4+F8FJ	SCREW(SC-SUSD:4 SS-SS2:4)	8	
		XYN5+F12FJ	SCREW(STAND BRACKET:10)	10	