ORDER NO. SMT0903004CE

Service Manual

LCD TV

TH-L32G10A

LH 89 Chassis

Specifications

Power Source	AC 220-240V, 50/60 Hz
Power Consumption	Power rating:127W
	Normal(Home) mode:97W
	Standby condition:0.4W
LCD	80cm
	Wide XGA (1920 × 1080 pixels) 16:9 aspect ratio LCD panel.
Screen Size	698mm(W) × 393mm(H)
Sound	
Speaker	160mm × 42mm× 2pcs,8 Ω
Audio Output	20W(10W+ 10W)10% THD
Headphones	M3 (3.5 mm)stereo mini Jack × 1
PC signals	VGA, SVGA, XGA
	SXGA .....(compressed)
	Horizontal scanning frequency 31 - 69 kHz
	Vertical scanning frequency 59 - 86 Hz
Receiving System/Band name	
PAL B/G	Reception of Off air broadcasts
DVB-T	7MHz VHF/UHF(Australia)free-to-air TV broadcast reception
PAL 60Hz	Playback of NTSC tape from some PAL Video recorders(VCR)
M.NTSC	Playback from M.NTSC Video recorders(VCR)
NTSC	Playback from NTSC Video recorders(VCR)
Aerial-Rear	VHF/UHF
Operating Conditions	Temperature : 0°C - 35°C
	Humidity : 20 % - 80 % RH (non-condensing)

Connection Terminals

Panasonic®

AV3	VIDEO (RCA Pin Type)	1.0 V[p-p] (75 Ω)
	S-VIDEO (MINI DIN 4-pin)	Y: 1.0 V[p-p] (75 Ω), C: 0.286 V[p-p] (75 Ω)
	AUDIO L-R (RCA Pin Type × 2)	0.5 V[rms]
AV1/AV2	VIDEO (RCA Pin Type)	1.0 V[p-p] (75 Ω)
	AUDIO L-R (RCA Pin Type × 2)	0.5 V[rms]
	Y	1.0 V[p-p] (including synchronization)
	P_BC_B/P_RC_R	±0.35 V[p-p]

Others

HDMI 1-4 Input:	TYPE A Connectors (This TV supports "HDAVI Control 4" function.)	
PC Input	HIGH-DENSITY D-SUB 15PIN R, G, B/0.7 V[p-p] (75Ω)	
	HD, VD/TTL Level 2.0 - 5.0 V[p-p](high impedance)	
AUDIO L-R	RCA PIN Type × 2 0.5 V[rms]	
DIGITAL AUDIO OUT	PCM/Dolby Digital, Fiber optic	
Card slot	SD CARD slot × 1	
Monitor Output	VIDEO (RCA PIN Type × 1)	1.0V[p-p](75 Ω)
	AUDIO L-R (RCA PIN Type × 2)	0.5V[rms](high impedance)

Dimensions (W x H x D)	
Including TV Stand	777mm × 541mm × 217mm
TV Set Only	777mm × 501mm × 95mm
Weight	13.5 kg Net(With Pedestal)
	12.0 kg Net(TV only)

Note:

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

⚠ WARNING

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

CONTENTS

1 Safety Precautions

1.1. General Guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

1.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 1MΩ and 5.2MΩ.

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

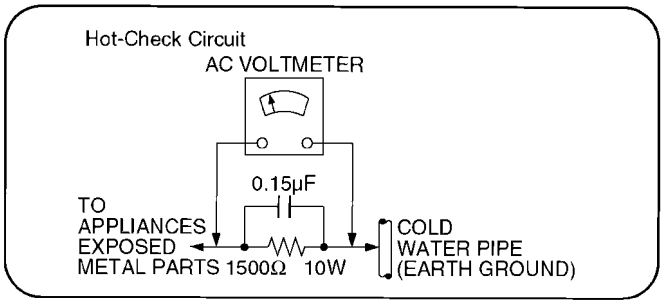


Figure 1

1.1.2. LEAKAGE CURRENT HOT CHECK (See Figure 1.)

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

2 Prevention of Electro Static 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 electro static 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, alminum 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 hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY NOTICE

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

3 About lead free solder (PbF)

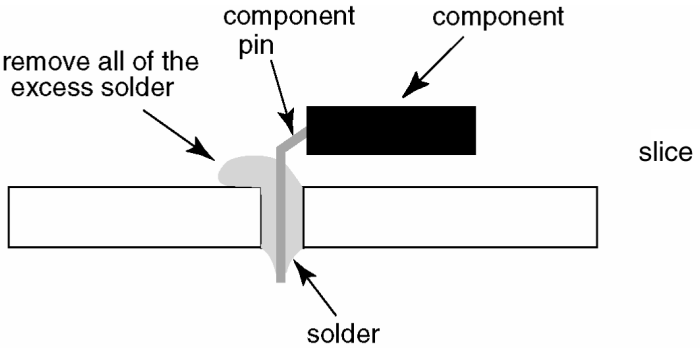
Note: Lead is listed as (Pb) in the periodic table of elements.In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).That is Tin (Sn), Silver (Ag) and Copper (Cu) although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

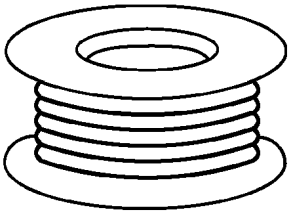
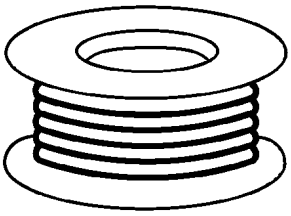
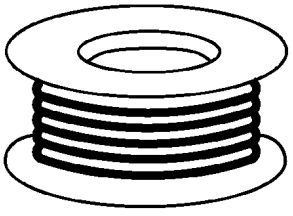
Caution

- 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).
- 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 Pbsolder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



Suggested Pb free solder

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

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

4 Input signal that can be displayed

COMPONENT (Y, P_B/C_B, P_R/C_R), HDMI

* Mark: Applicable input signal

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

PC (D-sub 15P)

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

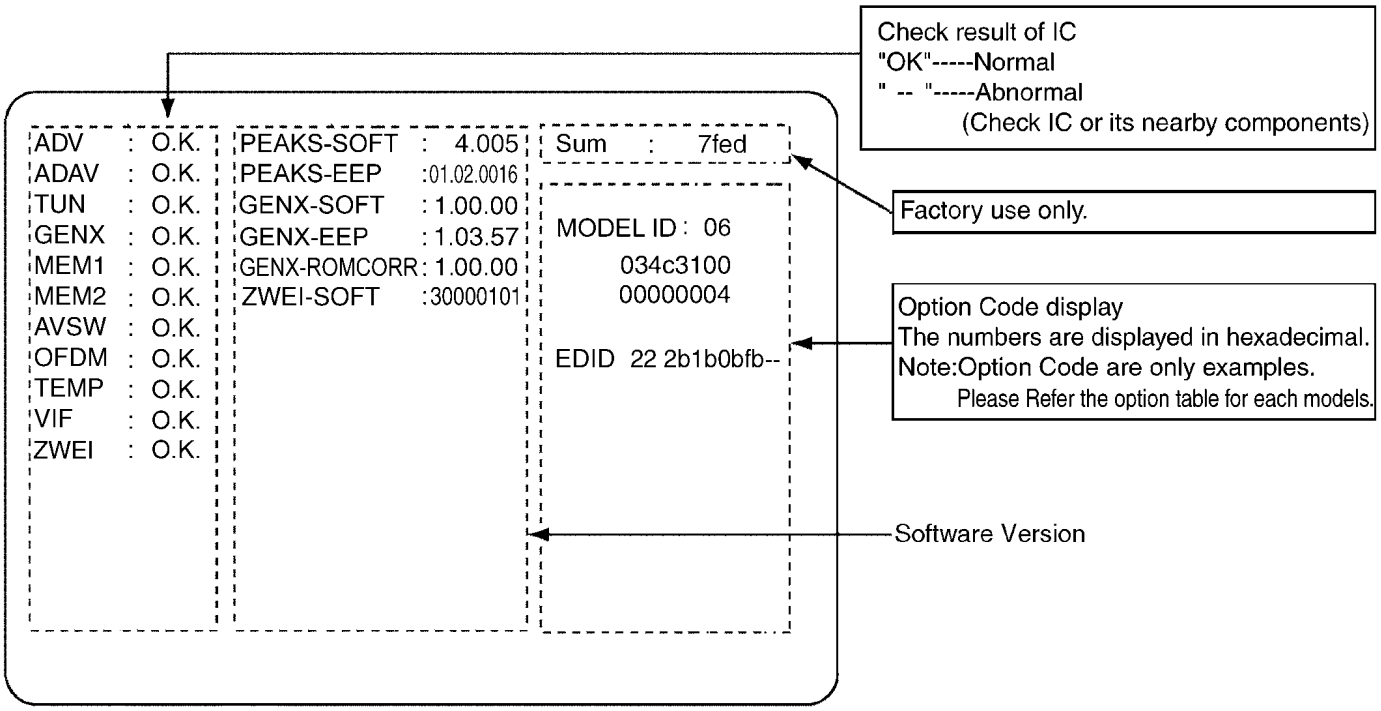
Note

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

5 Self-check function

5.1. Self-check

1. Self-check is used to check the bus of the TV and the Hex code.
2. To enter the self-check mode, pressing -/V button on the user's controller which is on the side of the main unit, press MENU button on the remote controller unit simultaneously, and then the display screen will appear:
3. Turn off the TV after self-checking, and any programmed channels, channels caption data and some other user defined settings will be erased and return to factory setting.



Display	Ref No.	Description	P.C.B.
ADV	IC4510	A/D convert	A-Board
ADAV	IC4510	Audio Processor	A-Board
GENX	IC1100	Microprocessor	A-Board
MEM1	IC1101	EEPROM(GENX)	A-Board
MEM2	IC8502	EEPROM(PEAKS LITE2)	A-Board
TUN	TU2901	TUNER	A-Board
AVSW	IC3001	AUDIO VIDEO SWITCH	A-Board
OFDM	IC8301	Orthogonal Frequency Division Multiplexing	A-Board
TEMP	IC1000	TEMP SENSOR	A-Board
VIF	TU2901	TUNER	A-Board
ZWEI	IC4200	HQ2L driver	A-Board

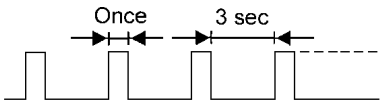
6 Power LED blinking timing chart

1. Subject

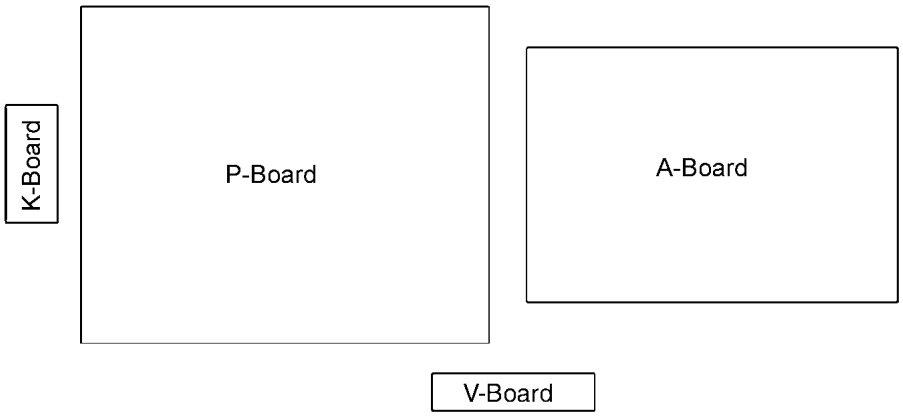
   Information of LED Flashing timing chart.

2. Contents

   When 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 number of blinking of the Power LED on the front panel of the unit.

Priority	Blinking timing	SOS detection subject	LED blinking
1		INVERTER_SOS	1
2		FAN_SOS	2
3		SOS	3
4		DTV_9V	4
5		SUB_5V	6
6		MAIN_9V	5
7		SUB_3.3V	7
8		MAIN_3.3V	8
9		SOUND_SOS	9
10		ZWEI_SOS	10
11		AUDIO_PWM_SOS	14
12		Emergency	13

7 Chassis Board Layout

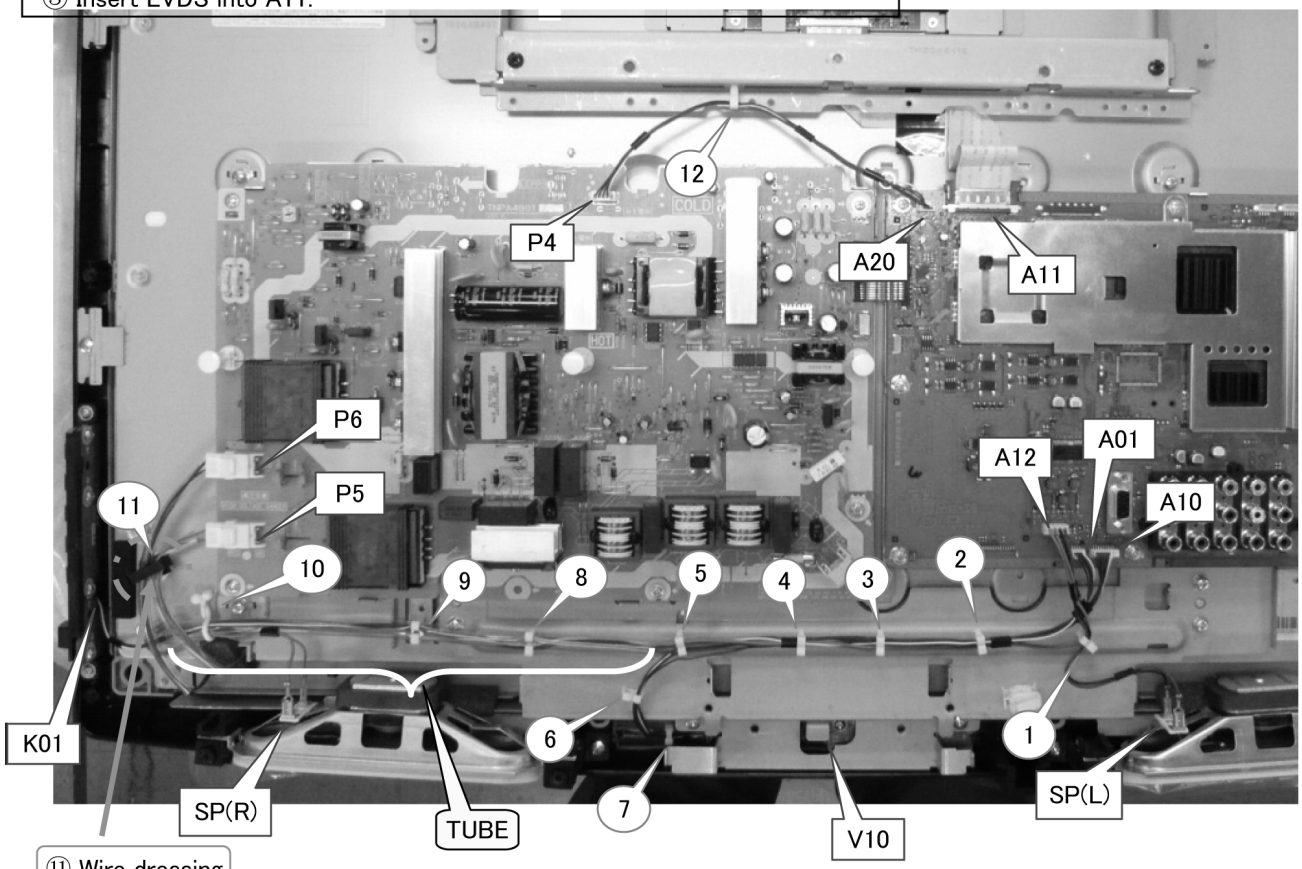


Board Name	Function
A-board	AVSW, TUN, OFDM, ADV, ADAV, GENX, EEP, TEMP
	TUN, OFDM, ADV, PEAKS-AVC, GC3FS,ZWEI, GENX, EEP, TEMP
P-board	Invertor & Power Supply
V-board	Remote, LED, Luminunce Sensor
K-board	Control Panel Key

8 Before servicing

8.1. Location of Lead wiring

ASSEMBLY CONTENTS:
① Wiring No.1~No.7.
② Remove dust of terminal of LVDS and PB connector.(by ion blow) Pos.A11.
③ Insert LVDS into A11.



⑪ Wire dressing

black-wire drill through clamper by "S-shape"

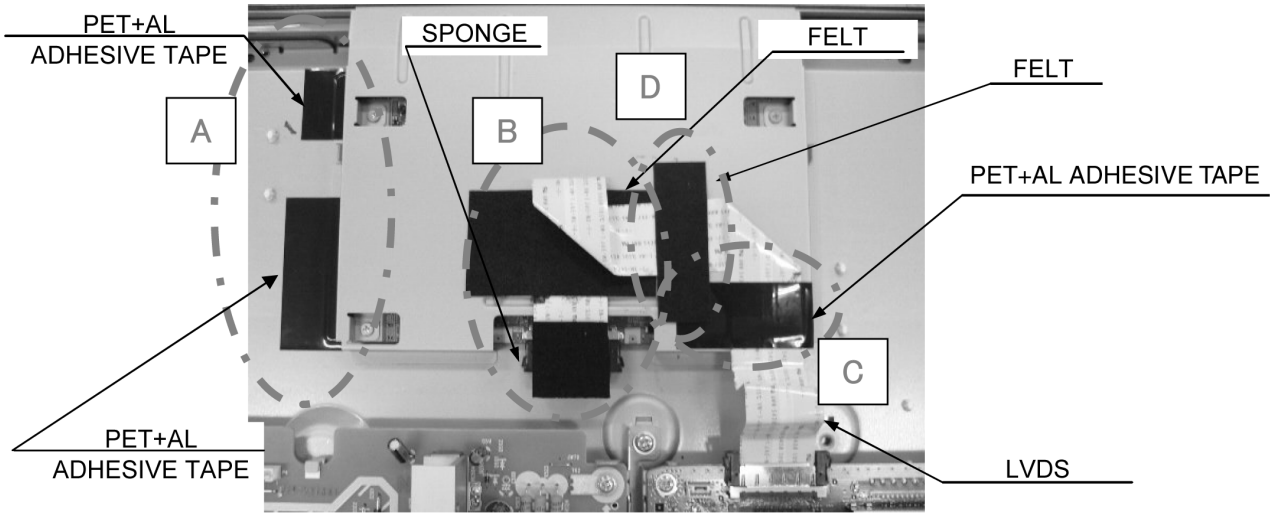
TUBE

Attention:A01~K01 through below LCD~P5 and LCD~P6.

		①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫
No.1	A10~V10	●	●	●	●	●	●	●					
No.2	A01~K01	●	●	●	●	●			●	●	●		
No.3	A12~SP(L)	●											
No.4	A12~SP(R)	●	●	●	●	●			●	●	◎		
No.5	LCD~P5											●	
No.6	LCD~P6											●	
No.7	A20~P4												●

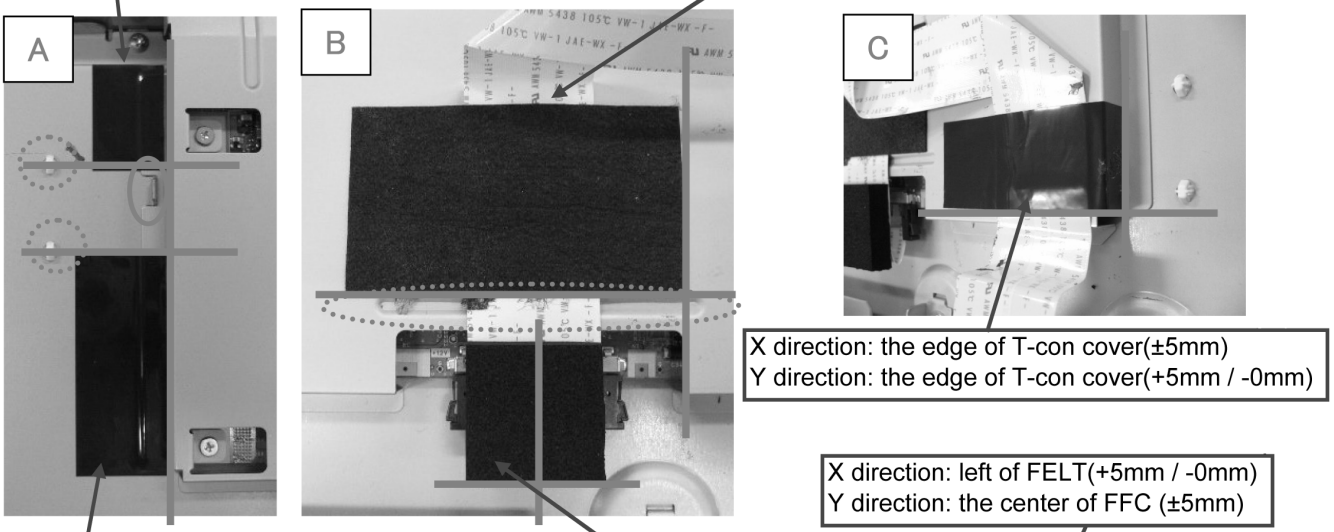
two-ply

8.2. EMI 1 processing



X direction: the center of clamper (±5mm)
Y direction: the edgeof T-con cover (+0mm/-3mm)

X direction: side T-con slot (±5mm)
Y direction: the top edge of T-con Slot(±5mm)

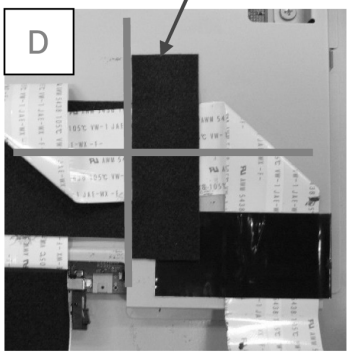


X direction: the edge of T-con cover(±5mm)
Y direction: the edge of T-con cover(+5mm / -0mm)

X direction: left of FELT(+5mm / -0mm)
Y direction: the center of FFC (±5mm)

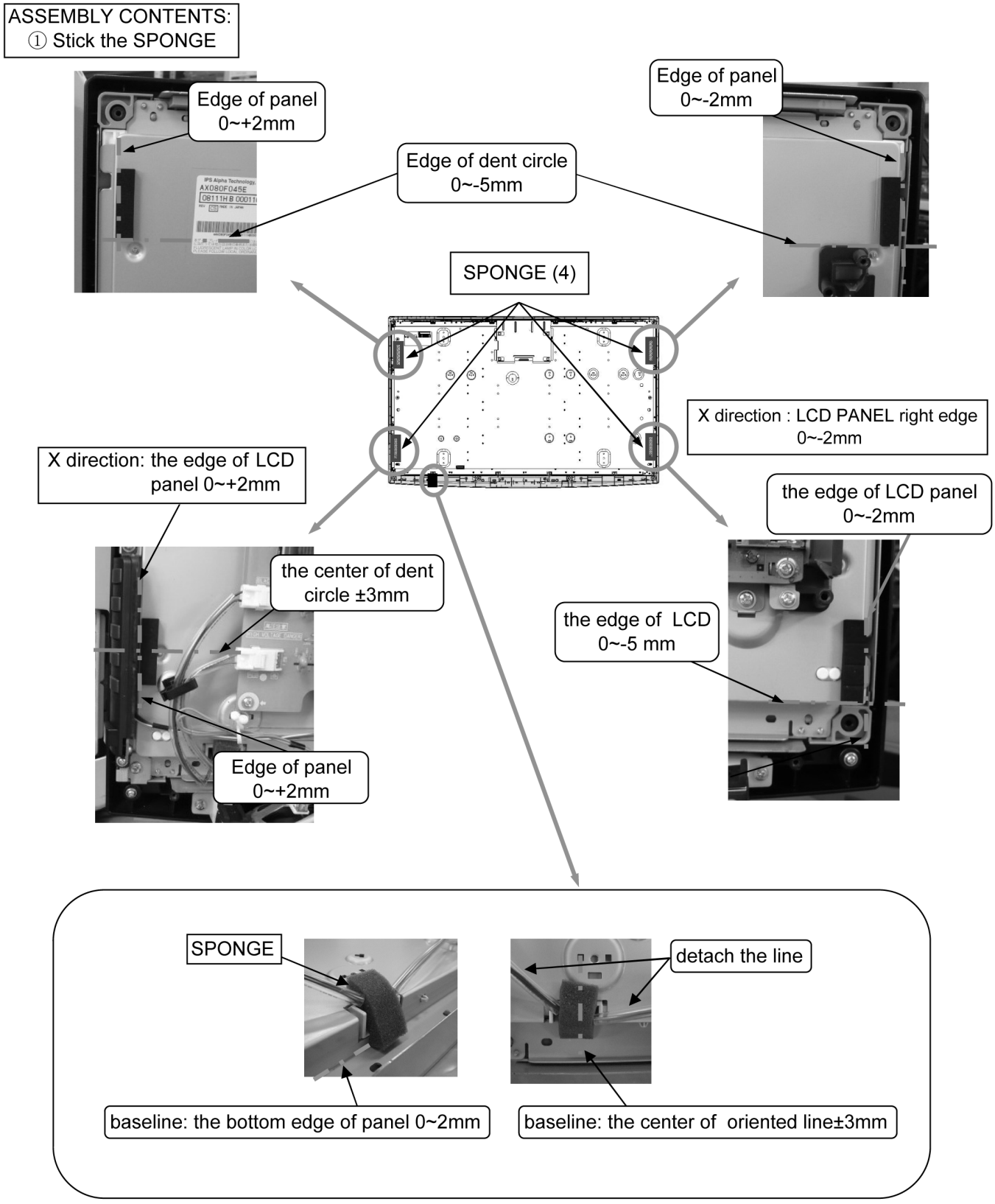
X direction: the center of clamper (±5mm)
Y direction: the edge of T-con cover (+0mm/-3mm)

X direction: the center of LVDS (±5mm)
Y direction: the edge of LVDS (+5mm/ -0mm)



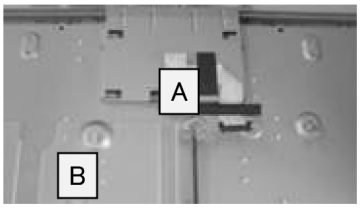
ASSEMBLY CONTENTS:
① Remove dust of terminal of LVDS.(by ion blow)
② Remove dust of terminal of T-con connector.(by ion blow)
③ Insert LVDS into T-con connector.
④ Stick the tape to fix LVDS.

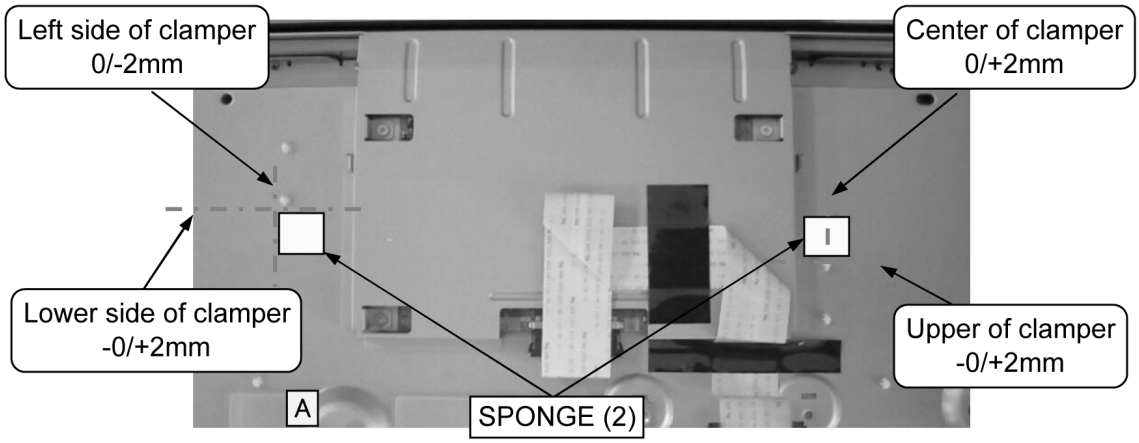
8.3. EMI 2 processing

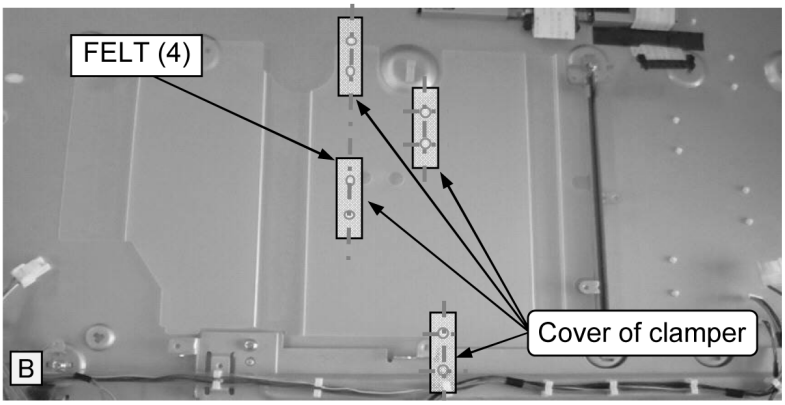


8.4. EMI 3 processing

ASSEMBLY CONTENTS：
① Stick the SPONGE on the LCD PANEL
② Stick the FELT on the LCD PANEL

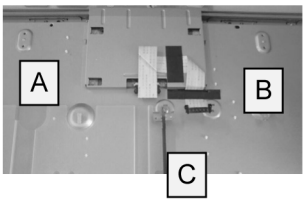


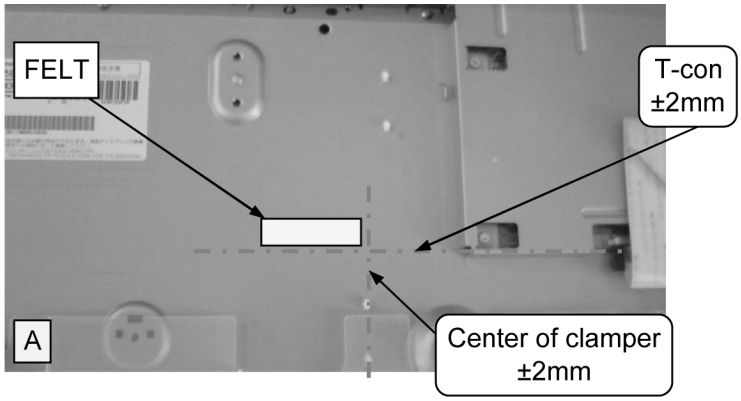


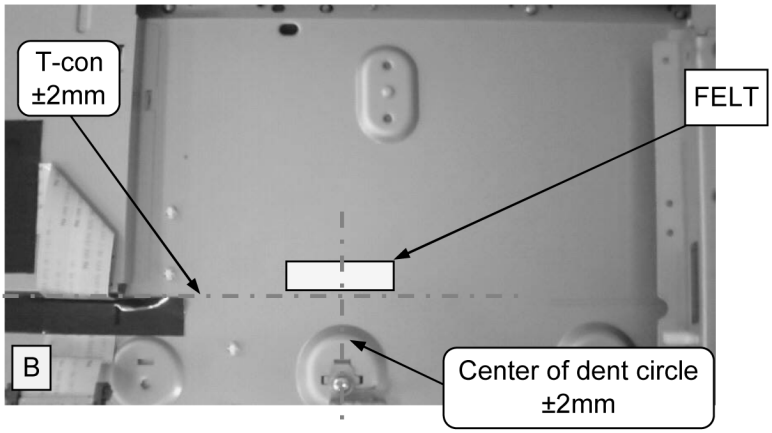


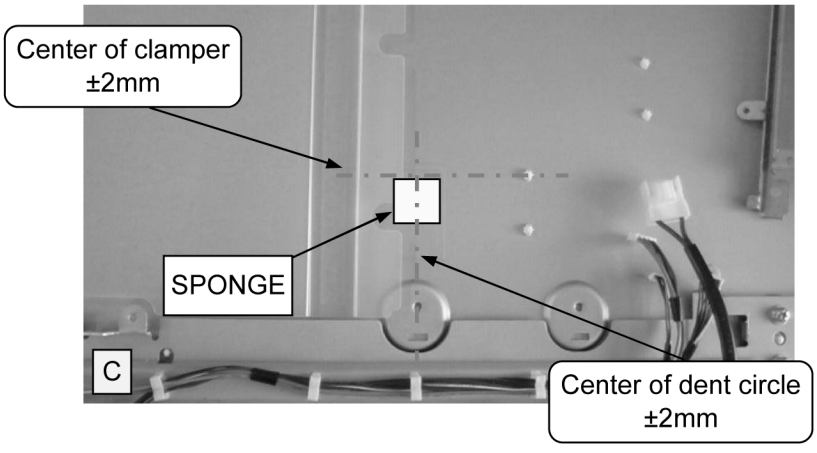
8.5. EMI 4 processing

ASSEMBLY CONTENTS：
① Stick the SPONGE on the LCD PANEL
② Stick the FELT on the LCD PANEL





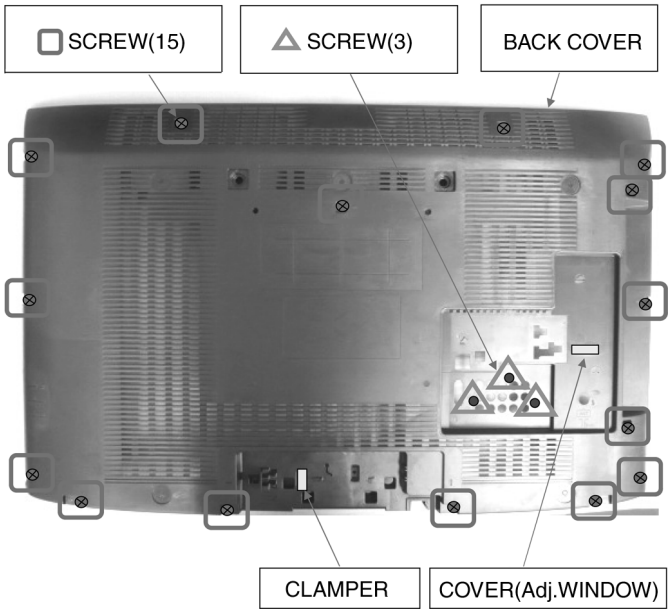




9 Maintenance Disassembly

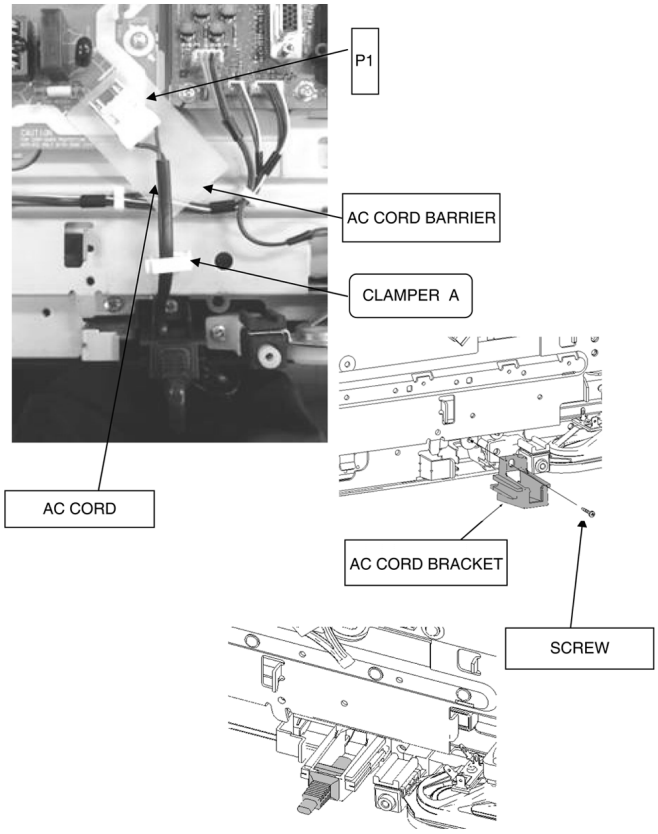
9.1. Remove the back cover

1. Lay the main unit down with the back cover facing upwards.
2. Please refer to the Operating Instruction about the pedestal bracket.
3. Remove screws (×15, ×3).
4. Remove back cover.



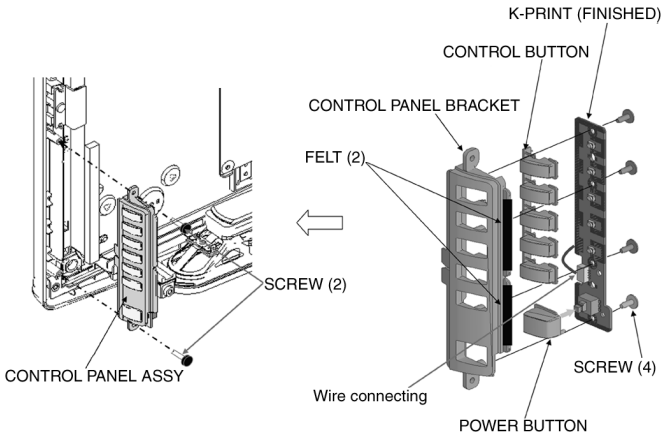
9.2. Remove AC cord

1. Remove the back cover. (See 9.1)
2. Disconnect the AC cord from AC cord bracket .
3. Unlock the cable clamper A,disconnect connector P1.
4. Remove AC cord.



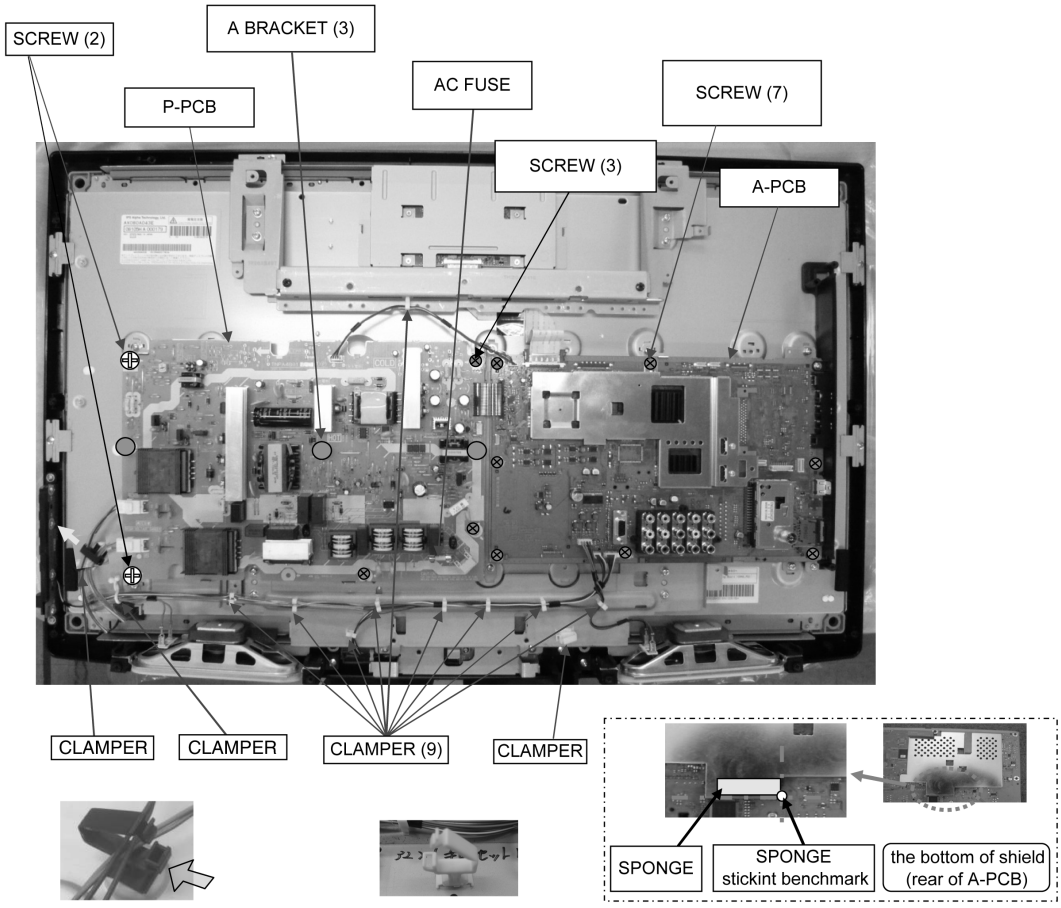
9.3. Control panel assy

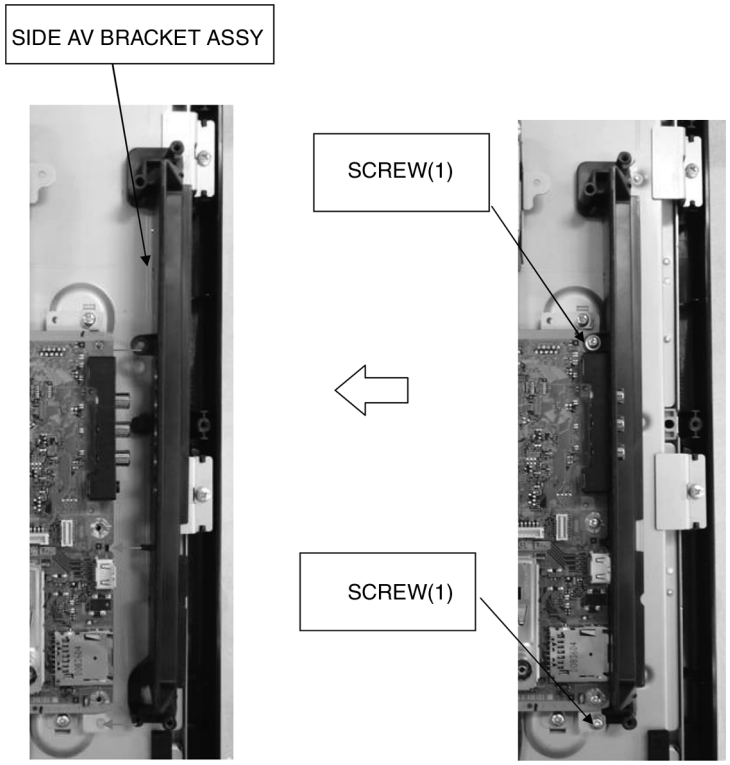
1. Remove the back cover (See 9.1)
2. Remove screws(×2) and remove control panel assy.
3. Remove screws(×4), then remove K-PCB,control button,control panel bracket.



9.4. Side AV stand bracket,A-board,P-board

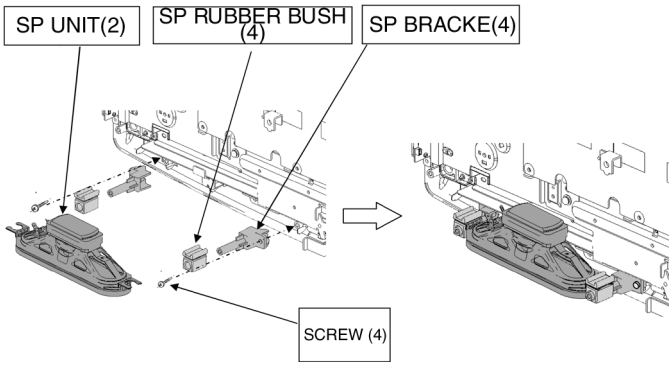
1. Take off pedestal bracket. (See 9.1)
2. Remove screws(×2) and side AV stand bracket.
3. Unlock the cable from cable clamper,disconnect the connector.
4. Remove screws(×3, ×2), take off A-board;Remove screws(×7), take off P-board.





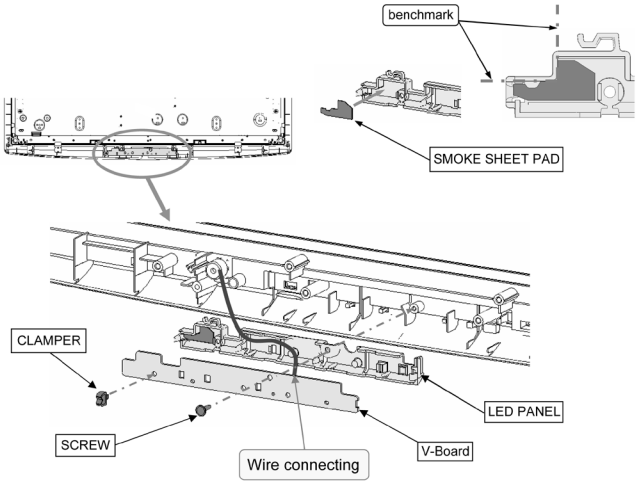
9.5. Remove the speaker

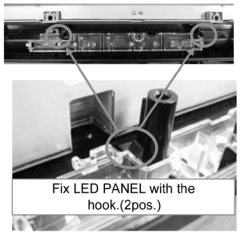
1. Remove the back cover (See 9.1)
2. Remove screws(×4) and speaker.

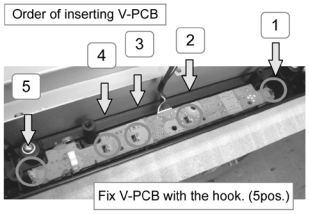


9.6. V-board and LED panel

1. Remove the back cover.(See 9.1)
2. Remove screws(×1) and clamper,disconnect the connector.
3. Remove V-board and LED panel.

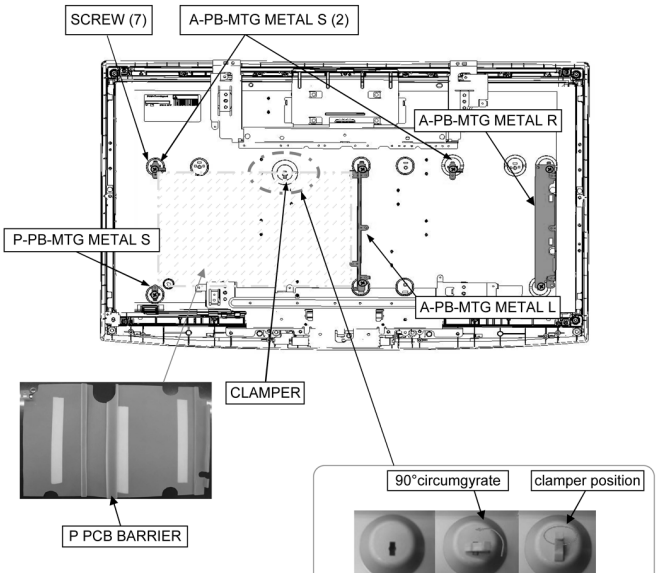


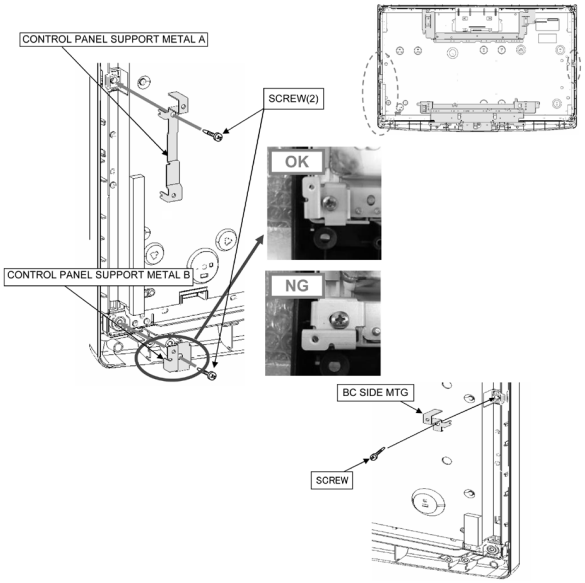


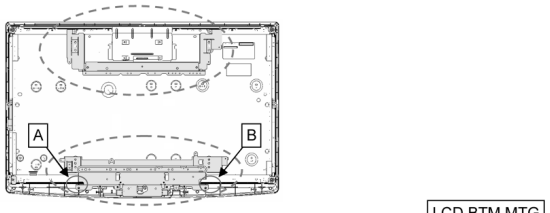


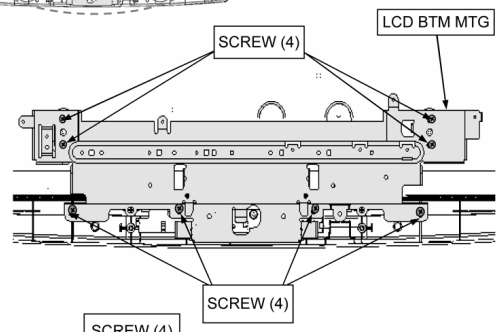
9.7. LCD screen

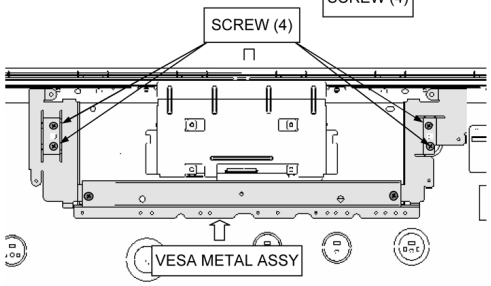
1. Remove main chassis (See 9.3)
2. Remove screws (×7) and remove A-PB-MTG METAL(×4), P-PB-MTG METAL.
3. Remove screws (×3, ×8) and then remove control panel support metal, the VESA Metal Assy, LCD btm MTG.
4. Remove screws(×6) and remove LCD screen.

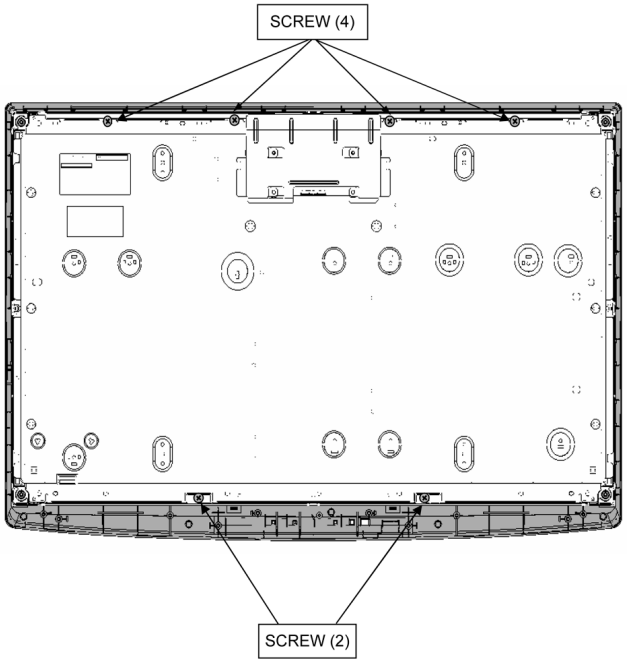





A
B


LCD BTM MTG
SCREW (4)
SCREW (4)

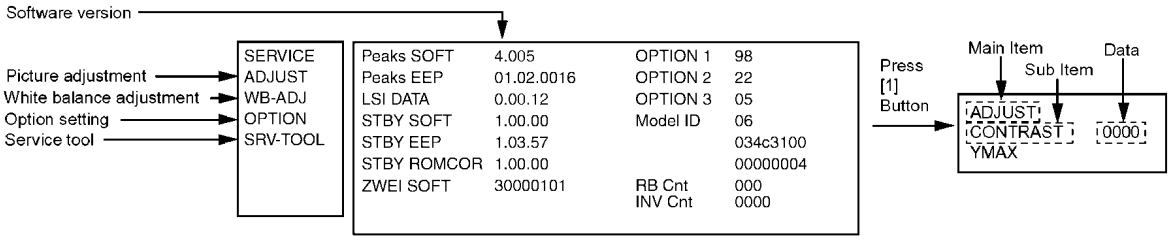

SCREW (4)
VESA METAL ASSY


SCREW (4)
SCREW (2)

10 Service Mode

10.1. How to enter into Service Mode

While pressing [-/v] button of the main unit, press [INFO] button of the remote control three times within 3 seconds.



10.1.1. Key command

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

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

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

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

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

10.1.2. Contents of adjustment mode

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

Main item	Sub item	Sample Data	Remark
ADJUST	CONTRAST	229	
	COLOR	50	
	TINT	00	
	SUB-BRT	C00	
	BACKLGT	4DE	
	H-POS	0	
	H-AMP	0	
	V-POS	0	
	V-AMP	0	
WB-ADJ	R-GAIN	FF	
	G-GAIN	F8	
	B-GAIN	FE	
	R-CENT	96	
	G-CENT	80	
	B-CENT	98	
OPTION	Boot	ROM	
	STBY-SET	00	
	Emergency	ON	
	Y/C_Delay	0	
	OPT1	98	
	OPT2	22	
	OPT3	05	
SRV-TOOL		00	

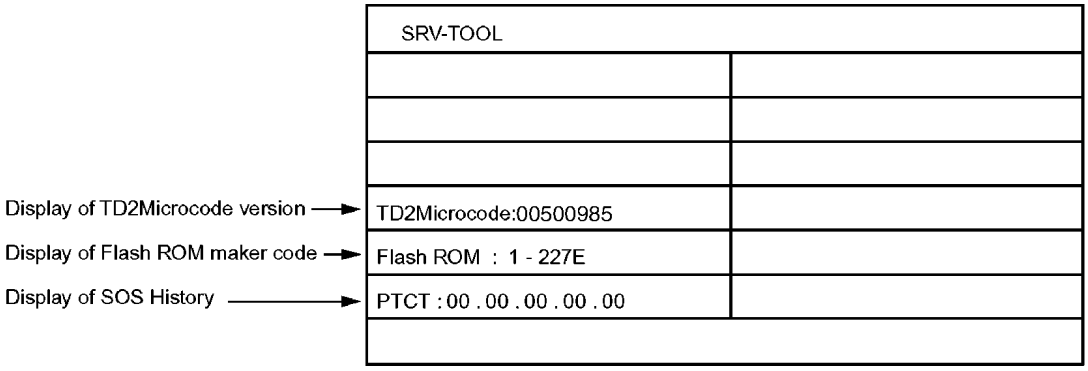
10.1.3. How to exit

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

10.2. SRV-TOOL

10.2.1. How to access

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



10.2.2. Exit

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

10.3. Option Description

		Name	Value	Current Default	TH-L32G10A	Note
option1						
	b0	ATP Search speed	Slow(1)/Fast(0)	Fast (0)	0	For CS
	b1	TEXT Ch Refresh	enable(1)/disable(0)	disable (0)	0	For CS
	b2	ID-1	enable(1)/disable(0)	disable (0)	0	For CS
EEPROM	b3	Macrovision Auto-judge	enable(1)/disable(0)	disable (0)	1	For derivative models
004B	b4	SRS surround	surround_1(1)/surround_0(0)	surround_0 (0)	1	For derivative models
	b5	Teletext Top-service	disable(1)/enable(0)	enable (0)	0	For derivative models
	b6	Pre Emphasis	enable(1)/disable(0)	disable (0)	0	For derivative models
	b7				1	
option2						
	b0				0	
	b1	A2 enable(5.5)	enable(1)/disable(0)	disable (0)	1	For CS
	b2	A2 enable(6.0)	enable(1)/disable(0)	disable (0)	0	China/Asia Only
EEPROM	b3	A2 enable(6.5)	enable(1)/disable(0)	disable (0)	0	
004C	b4				0	
	b5	NICAM enable(5.5)	enable(1)/disable(0)	disable (0)	1	For CS
	b6	NICAM enable(6.0)	enable(1)/disable(0)	disable (0)	0	China/Asia Only
	b7	NICAM enable(6.5)	enable(1)/disable(0)	disable (0)	0	
option3						
	b0	NICAM priority(ASIA/M.E)	enable(1)/disable(0)	disable (0)	1	For CS
	b1	NICAM priority(K/UK)	enable(1)/disable(0)	disable (0)	0	China/Asia Only
	b2	NICAM priority(CHINA)	enable(1)/disable(0)	disable (0)	1	
EEPROM	b3	NICAM priority(NZ/INDN)	enable(1)/disable(0)	disable (0)	0	
004D	b4	NICAM priority(AUS)	enable(1)/disable(0)	disable (0)	0	
	b5	NICAM priority(E.EURO)	enable(1)/disable(0)	disable (0)	0	
	b6	NICAM priority(SPECIAL)	enable(1)/disable(0)	disable (0)	0	
	b7				0	

10.4. OPTION Setting

If the memory IC or DG Board is replaced, option code should be re-memorized.

If you use for other model, you should re-memorized the different option code in SERVICE mode.

Option No.	TH-L32G10A
OPTION1	98
OPTION2	22
OPTION3	05

11 Hotel Mode Access

11.1. Purpose

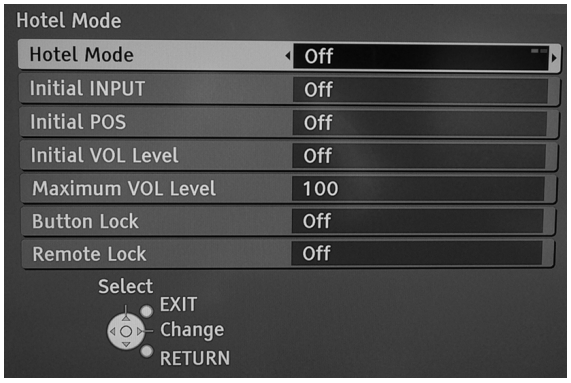
Restrict a function for hotels.

11.2. Access command to the Hotel mode setup menu

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

[TV] : Hold Vol [Down] + [Remote] : Press AV button 3times.

Then, the Hotel mode setup menu is displayed.



11.3. To exit the Hotel mode setup menu.

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

11.4. Explain the Hotel mode setup menu.

Item	Function
Hotel Mode	Select hotel mode ON/OFF
Initial INPUT	Select input signal modes. Set the input, when each time power is switched on. Selection : Off/Analogue TV/Digital TV/AV1/AV2/AV3/PC/HDMI 1/HDMI 2/HDMI 3/HDMI 4: ● Off: give priority to a last memory. ● Selectable input is depend on the model.
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 VOLlevel	Adjust maximum volume. Range : 0 to 100
Initial POS	Select programme number. Selection : Off/0 to 99 ● Off: give priority to a last memory.
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.

12 Adjustment Method

12.1. P-board voltage testing point

Instrument Name	Connection	Remarks
Digital Voltmeter		
Procedures		

1. Turn on the power switch and check if the voltages at every testing point are involved in the below specifications.
2. Switch off the power through remote control and place it in the standby mode. Check if the voltages at very testing point are involved in the below specifications.

Power Supply Name	Measurement Point	Normal condition (V)	Normal condition (V)	Active Standby Condition (V)
SOUND_VCC	TP862	16.5 - 18.0	< 3.0	16.5 - 18.0
DTV_12V	TP865	11.6 - 12.4	< 1.0	11.6 - 12.4
TUNNER_5.6V	TP853	5.45 - 5.85	5.45 - 5.85	5.45 - 5.85
STB_5.6V	TP854	5.45 - 5.85	5.45 - 5.85	5.45 - 5.85
PFC Vout	C7218 Land	380 - 400	no care	380 - 400

12.2. A-board voltage testing point

Instrument Name	Connection	Remarks
Digital Voltmeter		
Procedures		

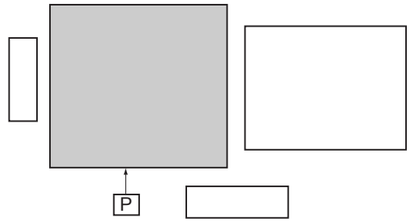
1. Turn on the power switch and check if the voltages at every testing point are involved in the below specifications.

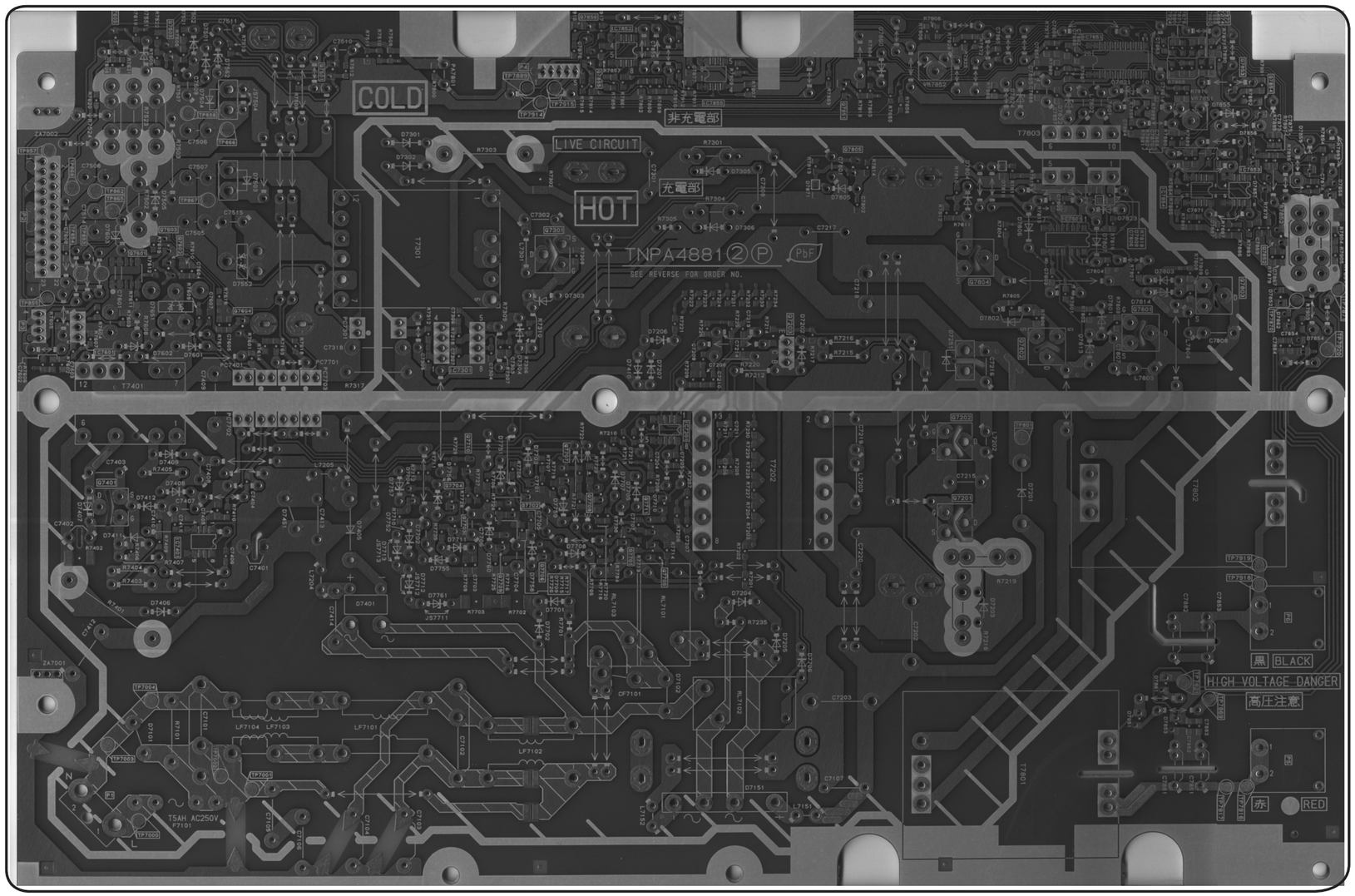
Power Supply Name	Measurement Point	Specification (V)
SUB1.2V	TP5602	1.22 - 1.32
SUB1.8V	TP5601	1.78 - 1.91
SUB3.3V	TP5600	3.21 - 3.45
		--
SUB9V	TP5409	8.76 - 9.45
SUB5V	TP5405	4.82 - 5.18
ZW1.2V	TP5512	1.22 - 1.30
ZW1.8V	TP5518	1.79 - 1.88
BT30V	TP5440	29.3 - 31.5

13 Conductor Views

13.1. P-Board

P-BOARD (FOIL SIDE)
TXN/P10NWY





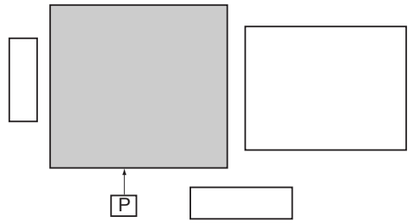
TH-L32G10A
P-BOARD TXN/P10NWY

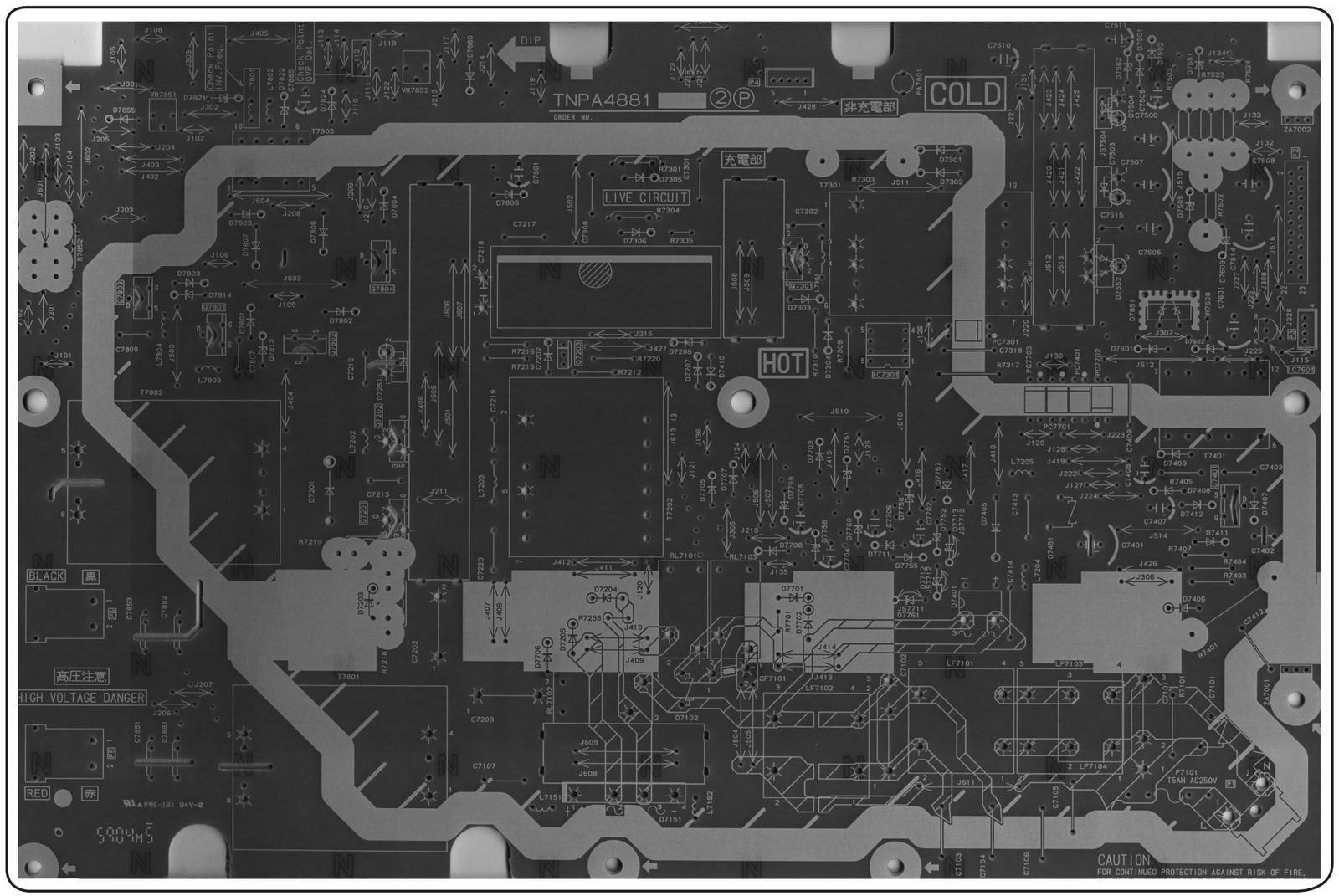
TH-L32G10A
P-BOARD TXN/P10NWY

A B C D E F

1 2 3 4 5 6 7 8 9

P-BOARD (COMPONENT SIDE)
TXN/P10NWY





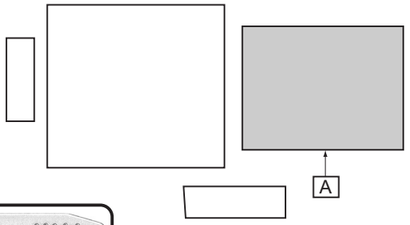
TH-L32G10A
P-BOARD TXN/P10NWY

TH-L32G10A
P-BOARD TXN/P10NWY

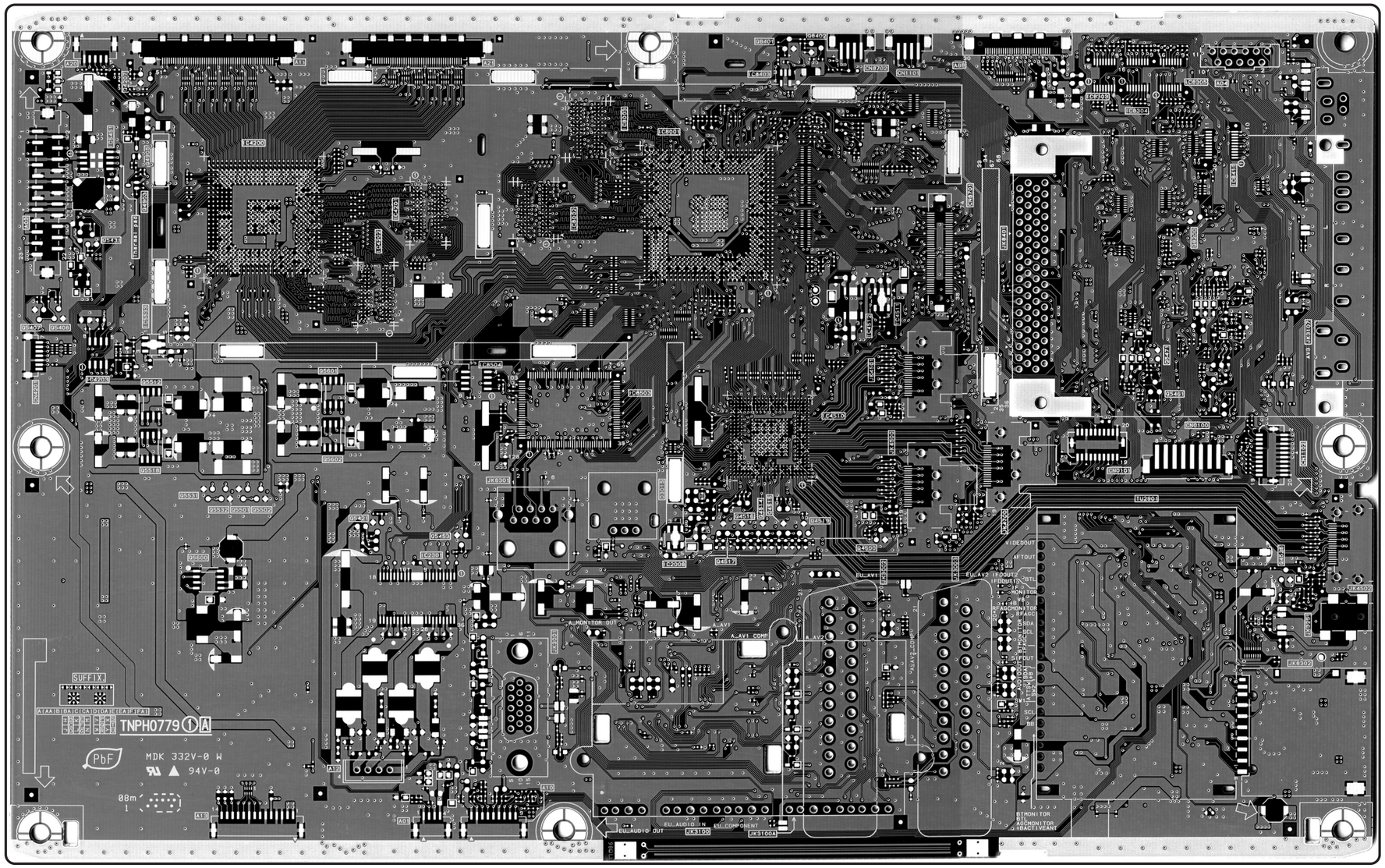
A B C D E F

1 2 3 4 5 6 7 8 9

13.2. A-Board



A-BOARD (A SIDE)
TXN/A10NXT

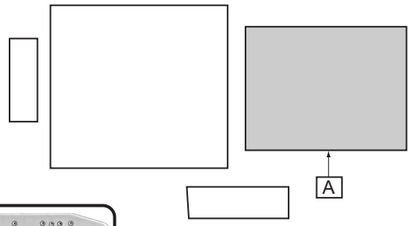


TH-L32G10A
A-BOARD TXN/A10NXT

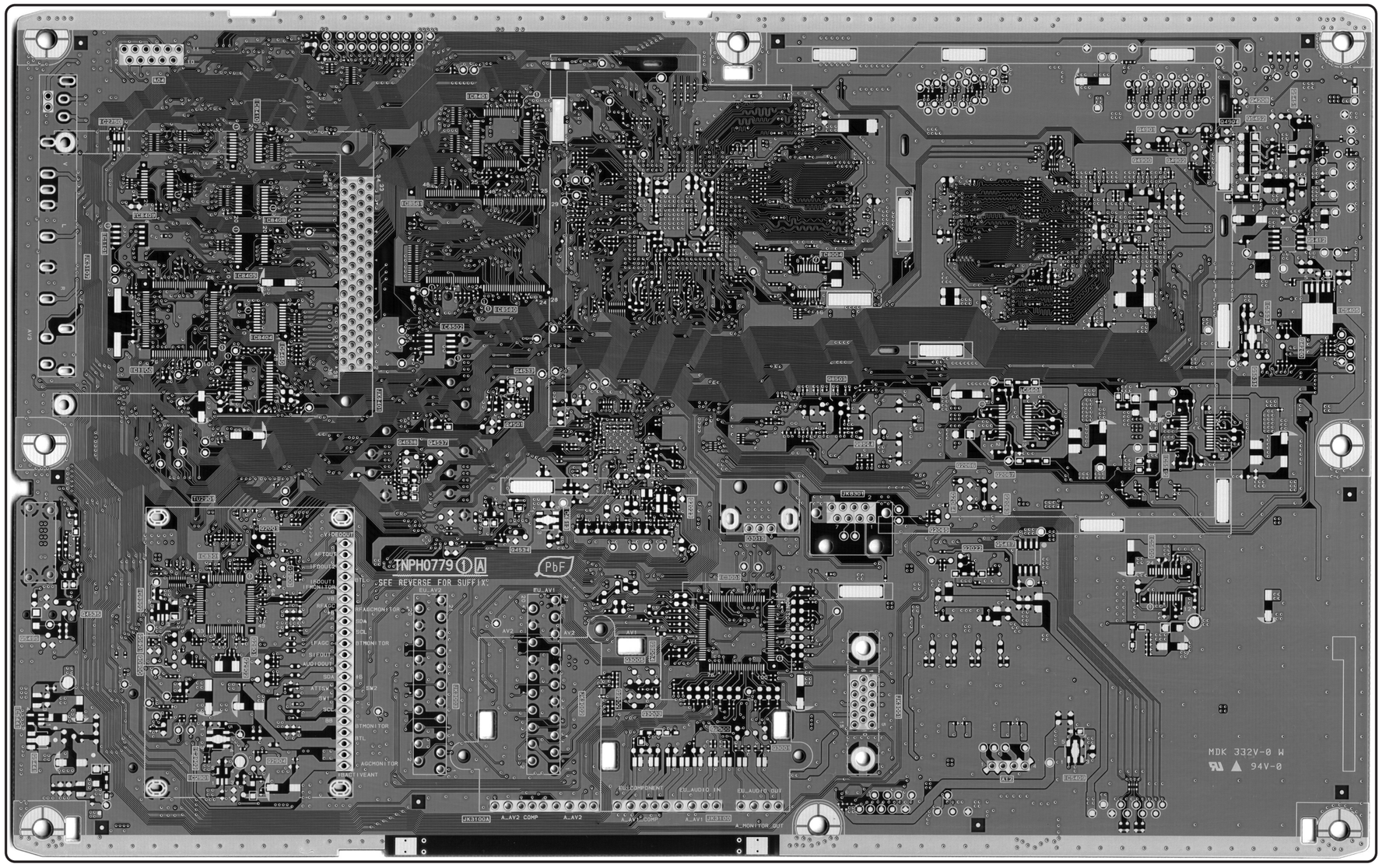
TH-L32G10A
A-BOARD TXN/A10NXT

A B C D E F

1 2 3 4 5 6 7 8 9



A-BOARD (B SIDE)
TXN/A10NXT

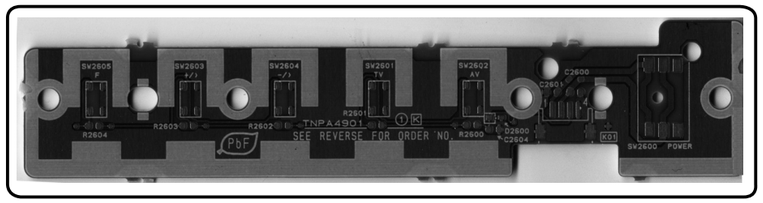


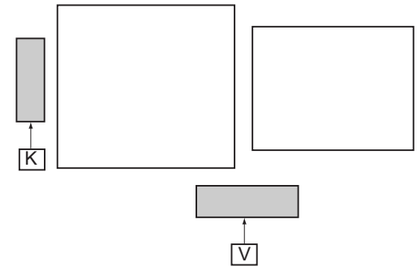
TH-L32G10A
A-BOARD TXN/A10NXT

TH-L32G10A
A-BOARD TXN/A10NXT

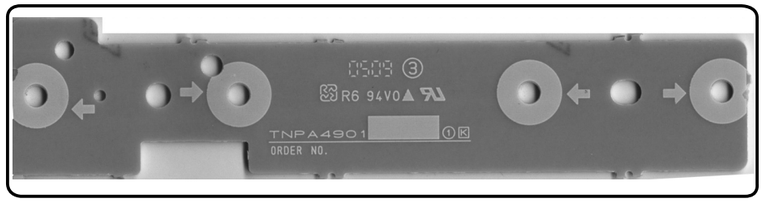
13.3. K and V-Board

K-BOARD (FOIL SIDE)
TXN/K10NTT

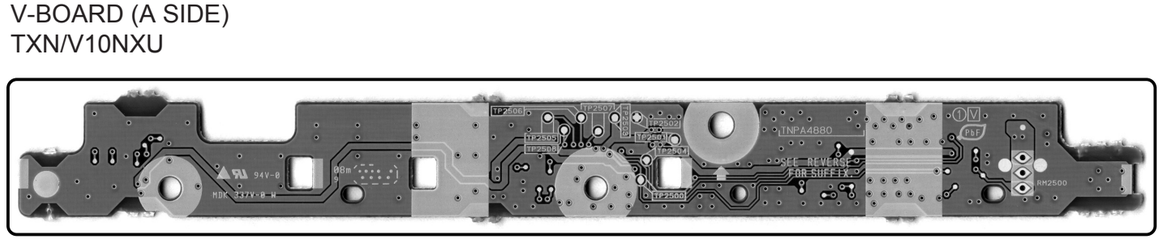




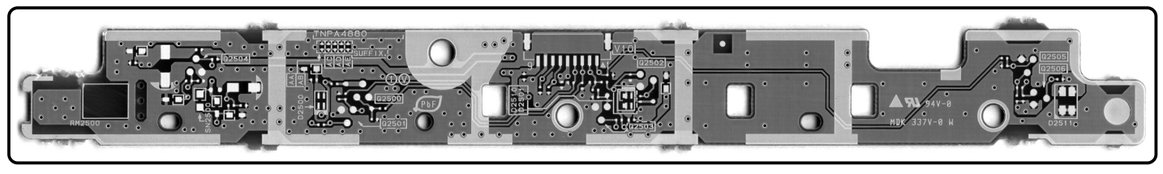
K-BOARD (COMPONENT SIDE)
TXN/K10NTT



V-BOARD (A SIDE)
TXN/V10NXU



V-BOARD (B SIDE)
TXN/V10NXU



TH-L32G10A
K-BOARD TXN/K10NTT
V-BOARD TXN/V10NXU

TH-L32G10A
K-BOARD TXN/K10NTT
V-BOARD TXN/V10NXU

14 Schematic Diagram

14.1. Schematic Diagram Notes

Important Safety Notice

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

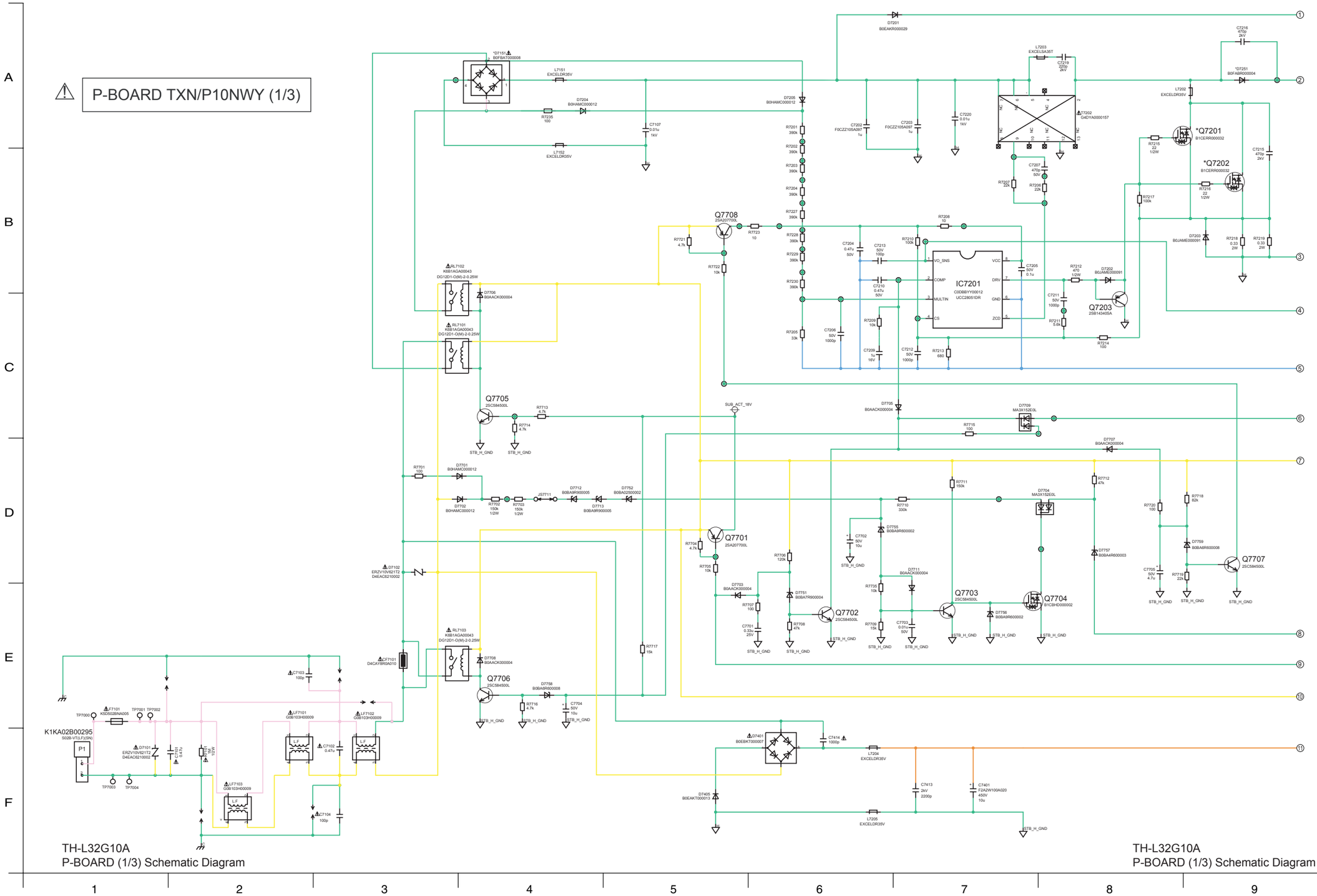
Notes:

1. **Resistor**
   All resistors are cabon 1/4W resistor, unless marked as follows:
   Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
   ◯ : Nonflammable ⊠ : Metal Oxide
   △ : Solid ◎ : Metal Film
   ⊿ : Wire Wound ⊗ : Fuse**:**
2. **Capacitor**
   All capacitors are ceramic 50V capacitor, unless marked as follows:
   Unit of capacitance is μF, unless otherwise noted.
   ⊗ : Temperature Compensation : Electrolytic
   Ⓜ : Polyester NP : Bipolar
   ⓜ : Metalized Polyester Ⓣ : Dipped Tantalum
   ⊠ : Polypropylene Ⓩ : Z-Type
3. Coil
   Unit of inductance is μF, 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 220V-240V, 50/60Hz
   Receiving Signal ..... Colour Bar signal (RF)
   All customer's controls ..... Maximum positions
7. Number in red circle indicates waveform nember.
   (See waveform pattern table.)
8. When arrow mark (↗) is found, connection is easily found from the direction of arrow
9. Indicates the major signal flow. : Video ➡ Audio ⇨
10. This schematic diagram is the latest at the time of printing and subject to change without notice.

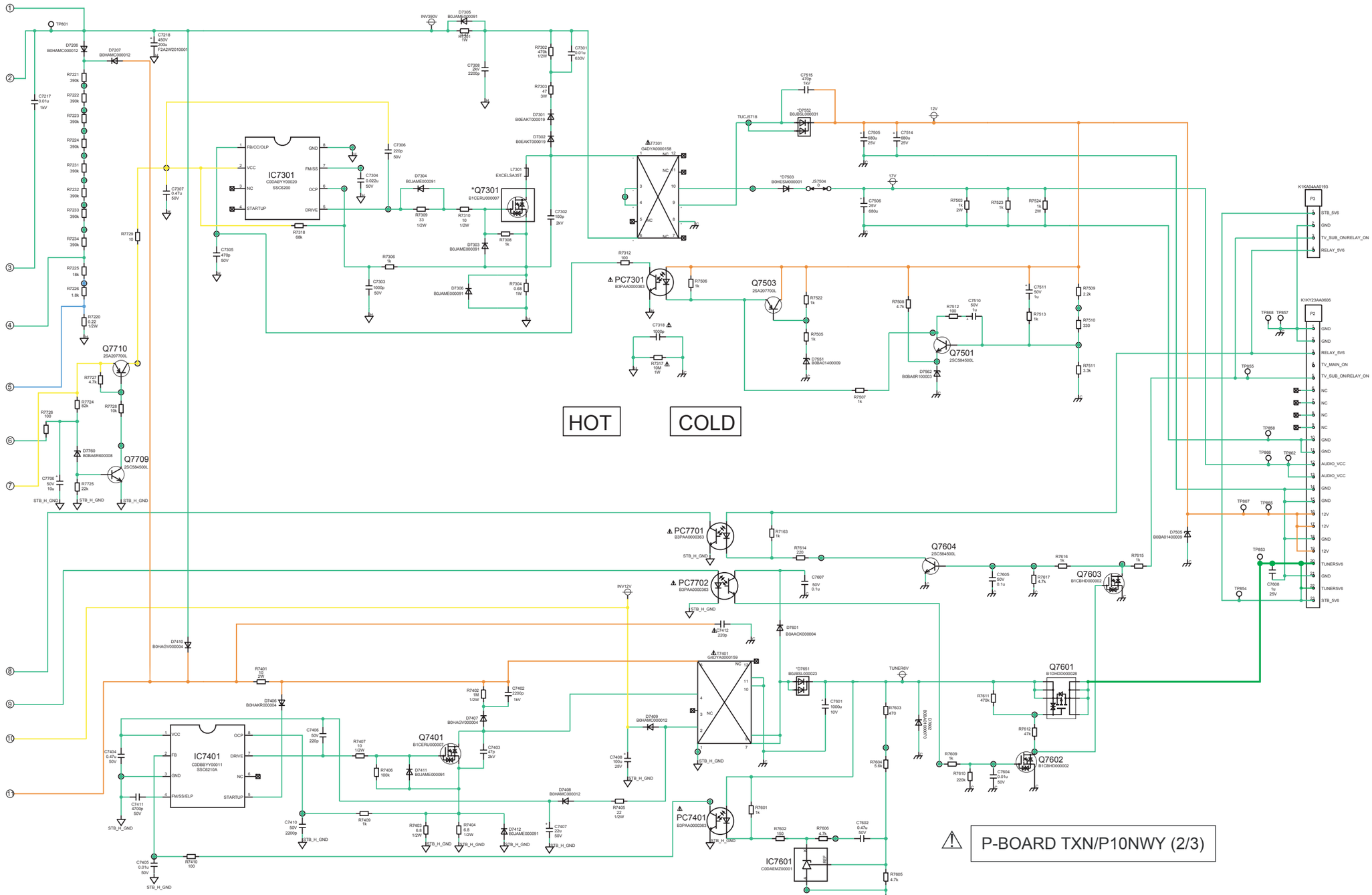
Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
   The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.
   All circuits, except the Power Circuit, are cold.
   Precautions
   a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
   b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
   c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
   Connect the earth of instruments to the earth connection of the circuit being measured.
   d. Make sure to disconnect the power plug before removing the chassis.
2. Following diodes are interchangeable.
   MA150- MA162 (Replacement part)

14.2. P-Board (1/3) Schematic Diagram



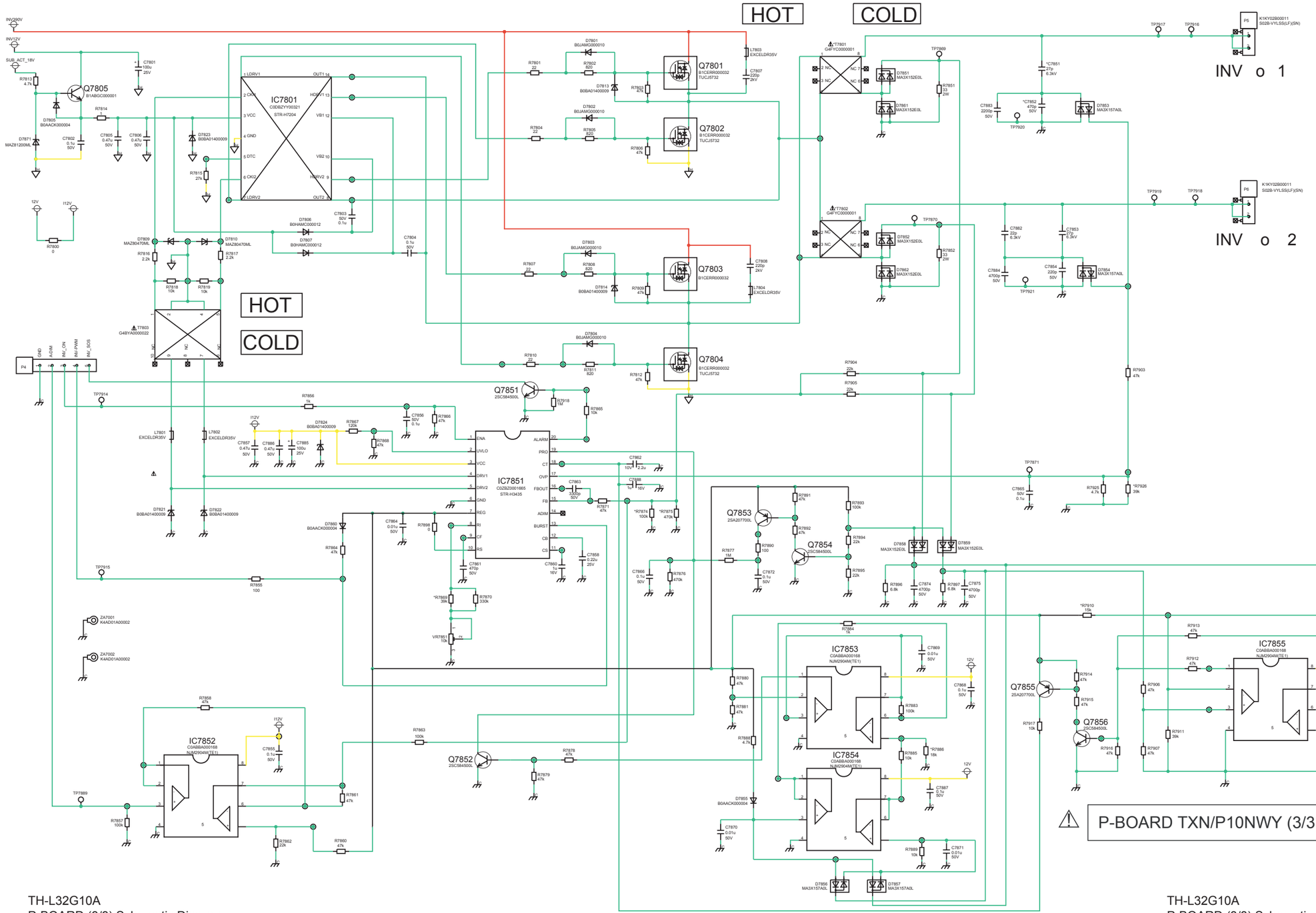
14.3. P-Board (2/3) Schematic Diagram



TH-L32G10A
P-BOARD (2/3) Schematic Diagram

TH-L32G10A
P-BOARD (2/3) Schematic Diagram

14.4. P-Board (3/3) Schematic Diagram



TH-L32G10A
P-BOARD (3/3) Schematic Diagram

TH-L32G10A
P-BOARD (3/3) Schematic Diagram

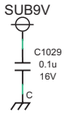
19	20	21	22	23	24	25	26	27

14.5. A-Board (1/27) Schematic Diagram

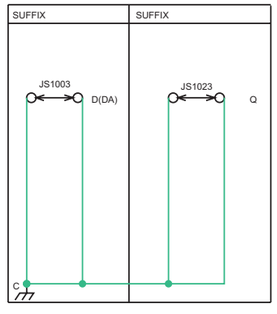
A-BOARD TXN/A10NXT (1/27)

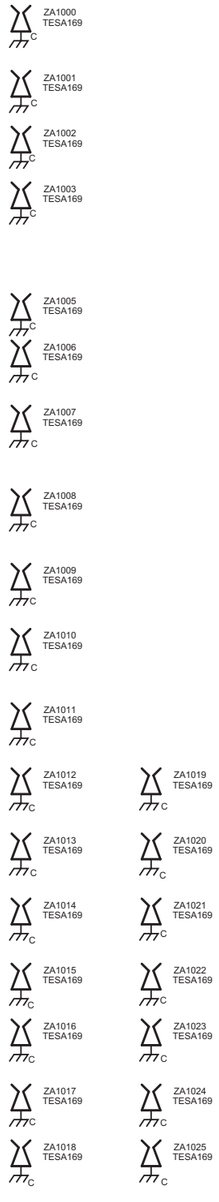
Sheet No.001: Cover
CR No.1000~1099

Sheet001 Cover
Sheet002 IIC
Sheet003 Peaks-COMMON
Sheet004 Peaks-DEST
Sheet005 Peaks-MODEL
Sheet006 GenX
Sheet007 ADV
Sheet008 ADV_V
Sheet009 ADV_A
Sheet010 AVSW
Sheet011 TUNER
Sheet012 LVDS-MODEL
Sheet013 STB-RESET
Sheet014 ZWEI
Sheet015 POWER-Peaks
Sheet016 POWER-MODEL
Sheet017 POWER-ZWEI
Sheet018 Set



SUFFIX

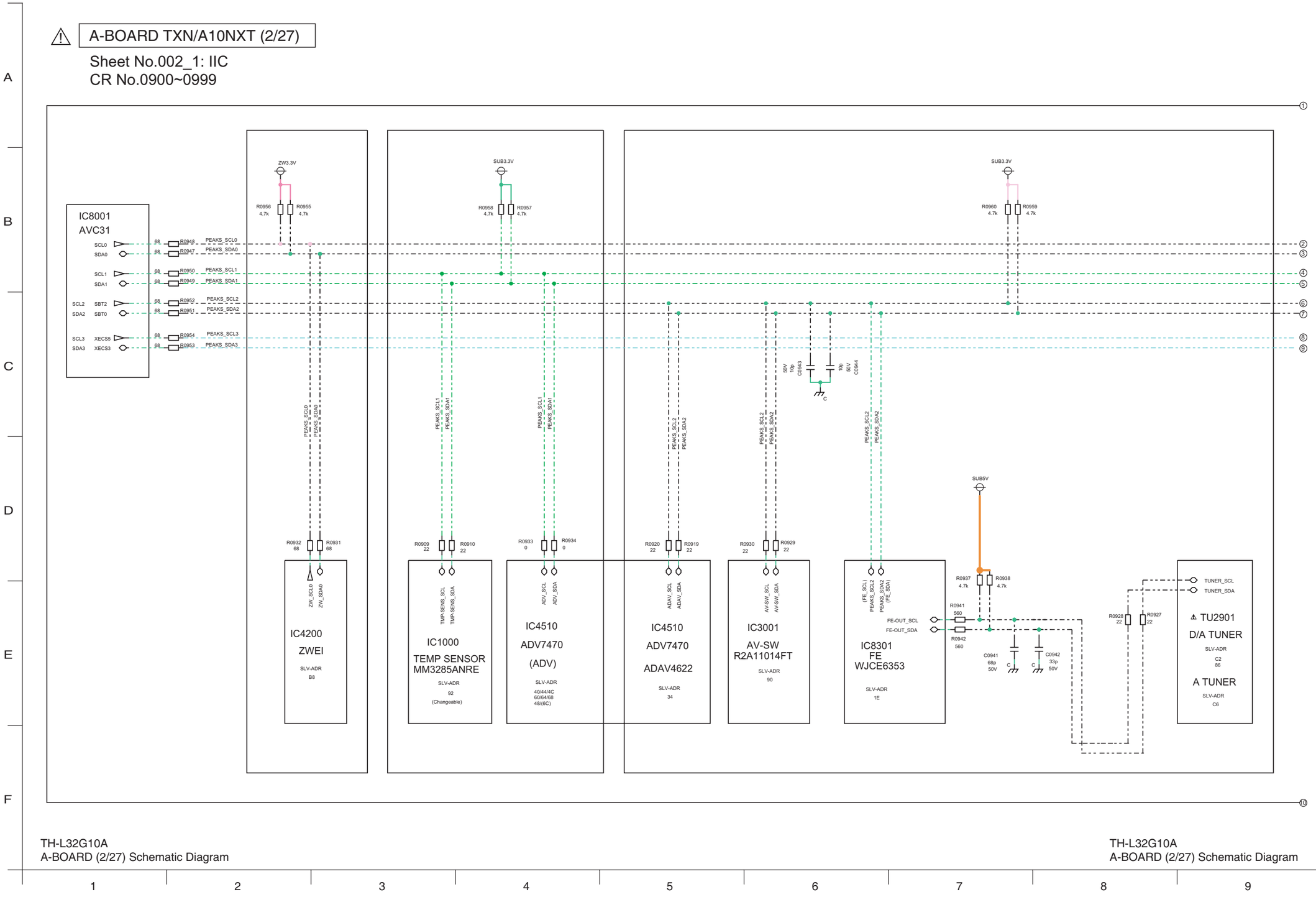




TH-L32G10A
A-BOARD (1/27) Schematic Diagram

TH-L32G10A
A-BOARD (1/27) Schematic Diagram

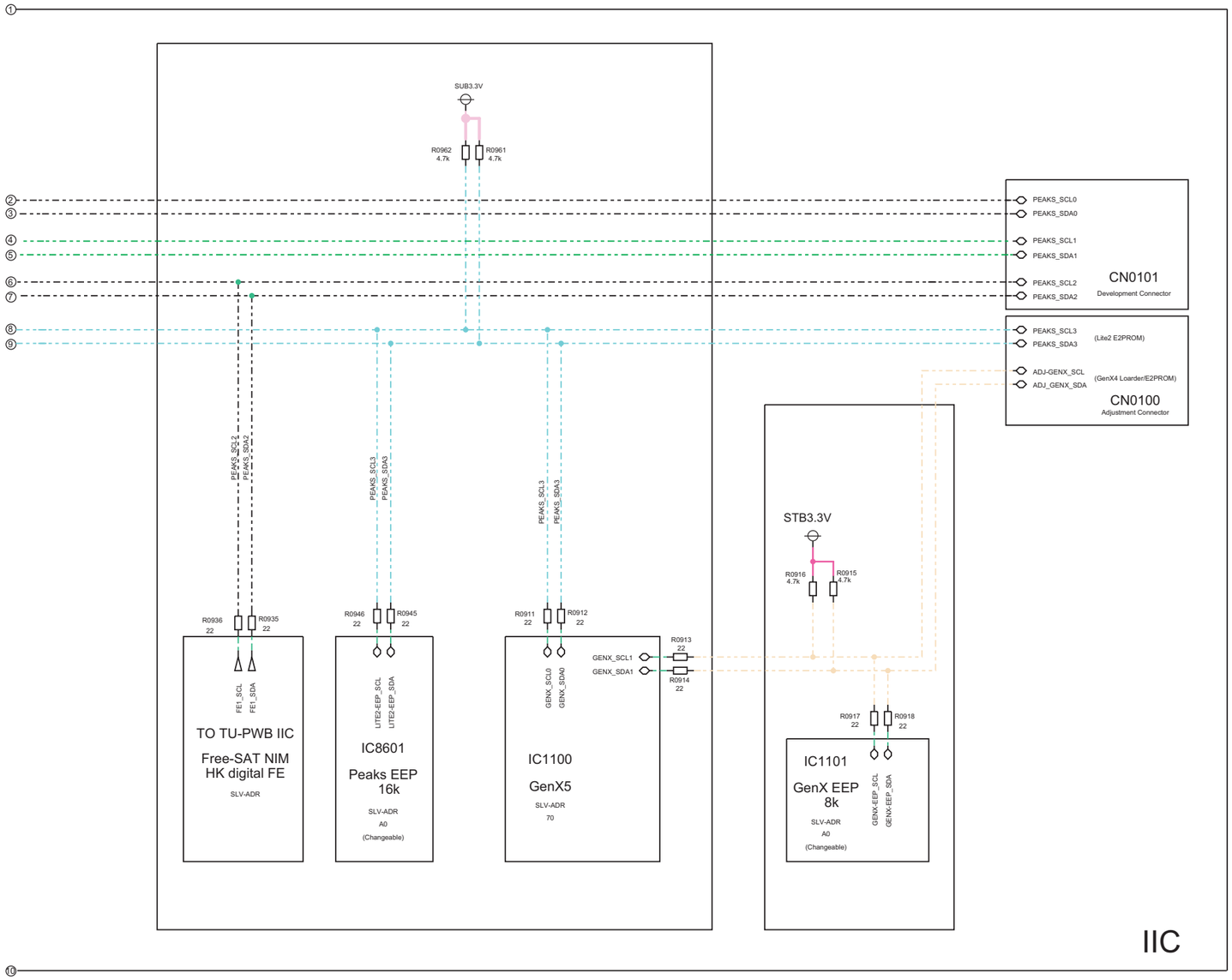
14.6. A-Board (2/27) Schematic Diagram

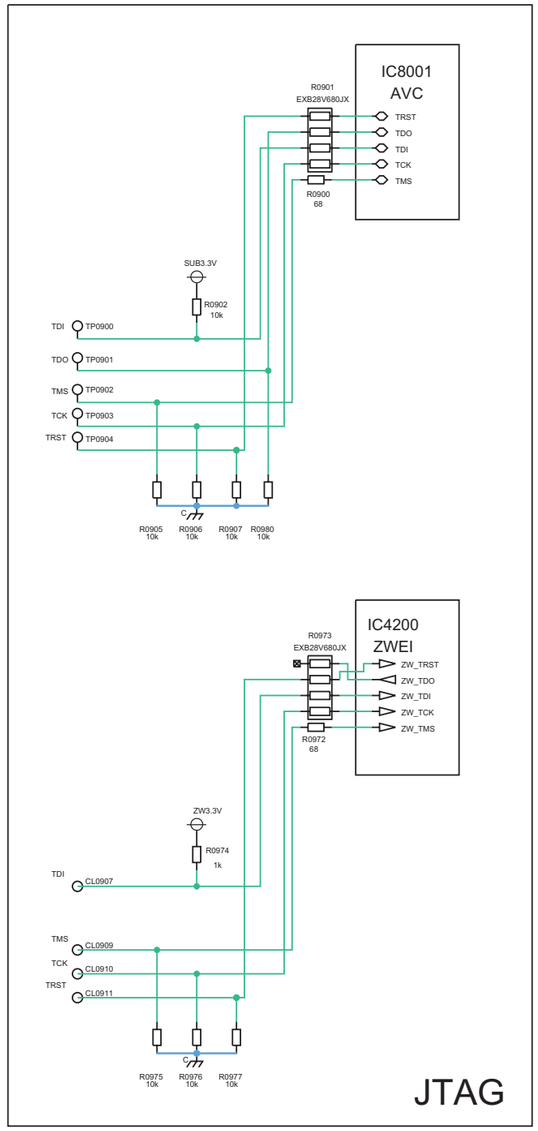


14.7. A-Board (3/27) Schematic Diagram

⚠ A-BOARD TXN/A10NXT (3/27)

Sheet No.002_2: IIC
CR No.0900~0999



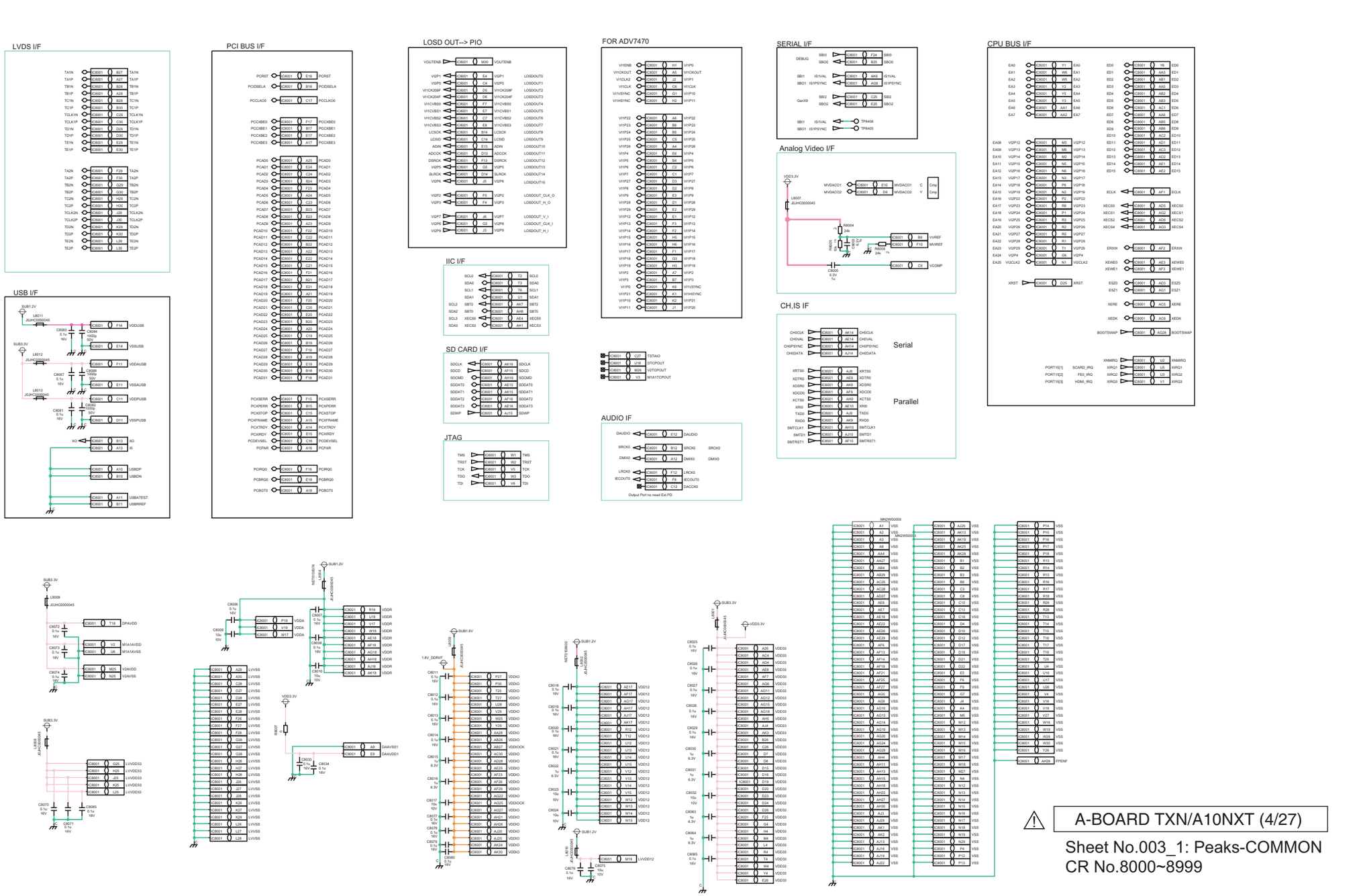


TH-L32G10A
A-BOARD (3/27) Schematic Diagram

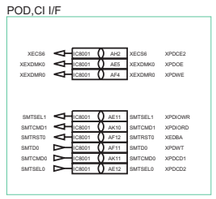
TH-L32G10A
A-BOARD (3/27) Schematic Diagram

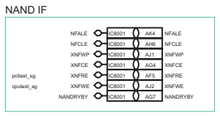
10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18

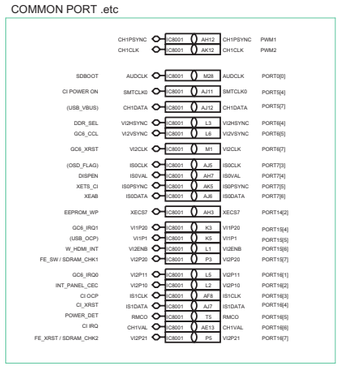
14.8. A-Board (4/27) Schematic Diagram



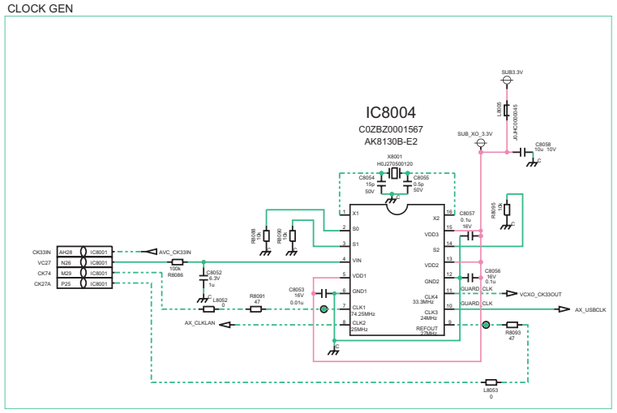
14.9. A-Board (5/27) Schematic Diagram





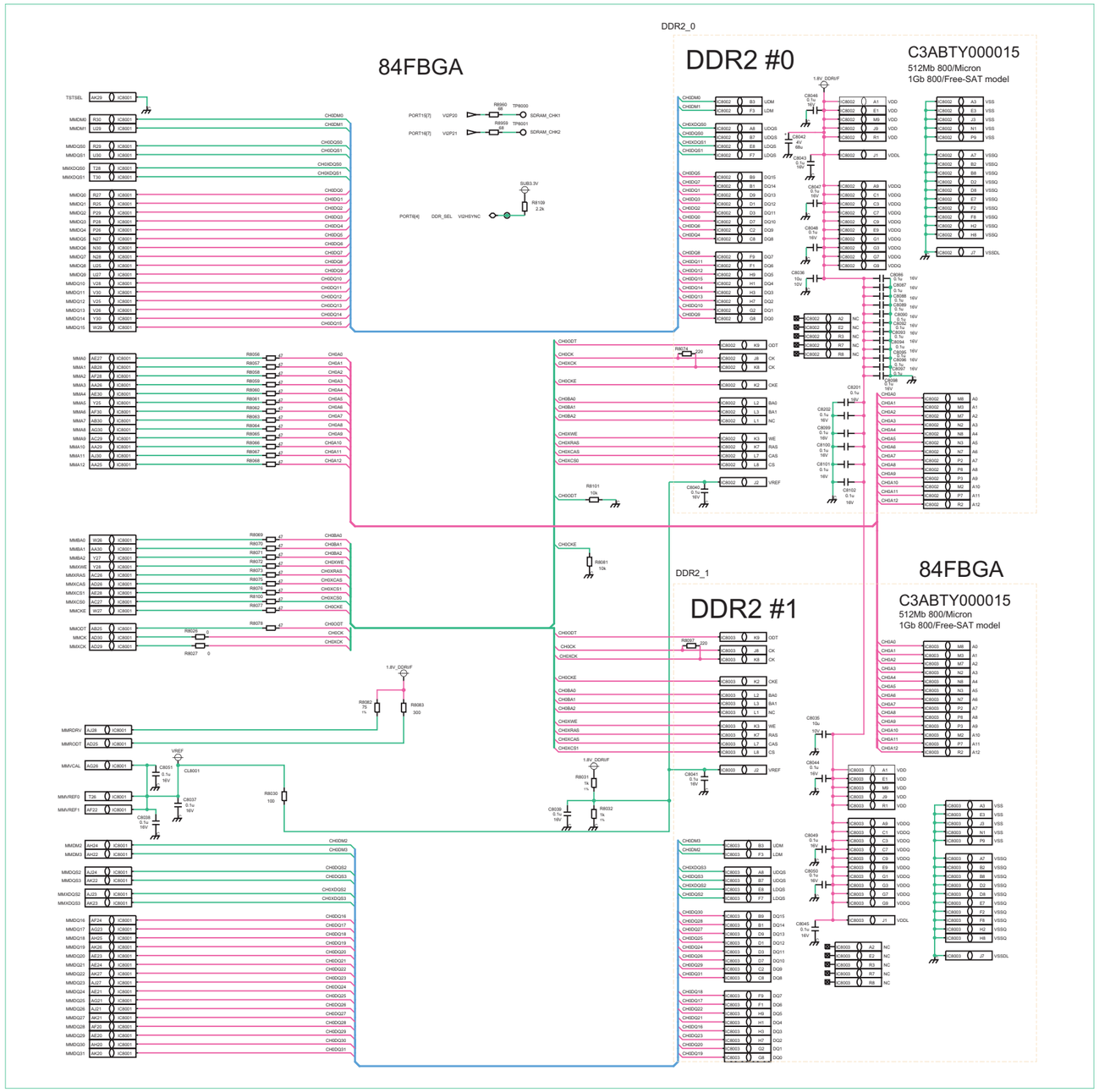


CLOCK GEN

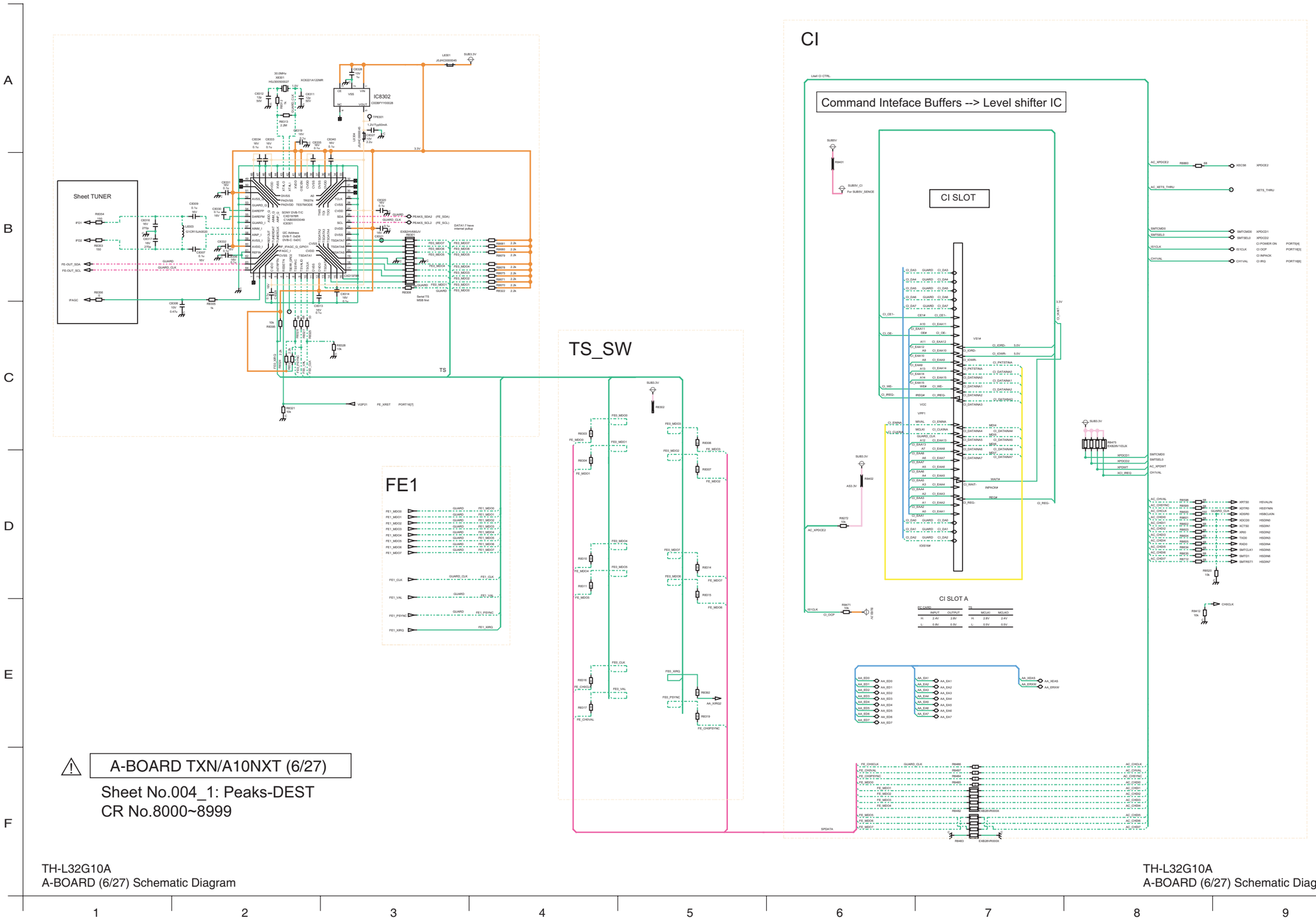


⚠ A-BOARD TXN/A10NXT (5/27)

Sheet No.003_2: Peaks-COMMON
CR No.8000~8999



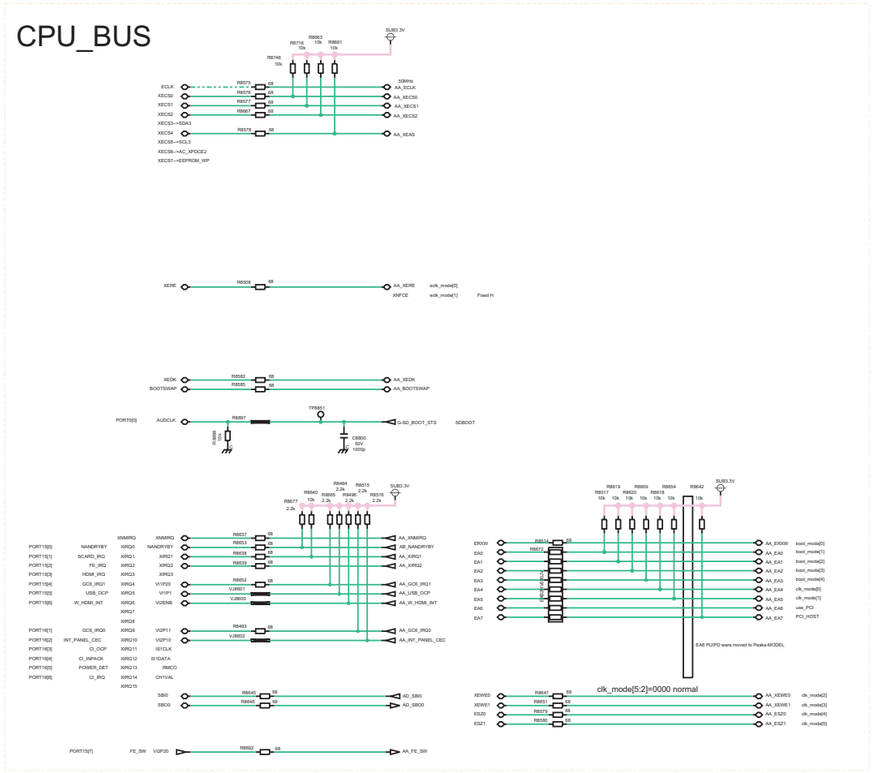
14.10. A-Board (6/27) Schematic Diagram

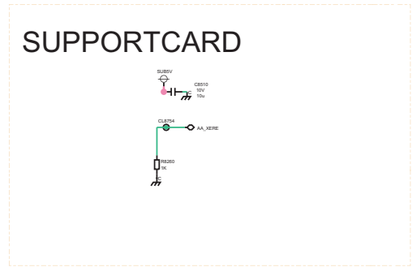


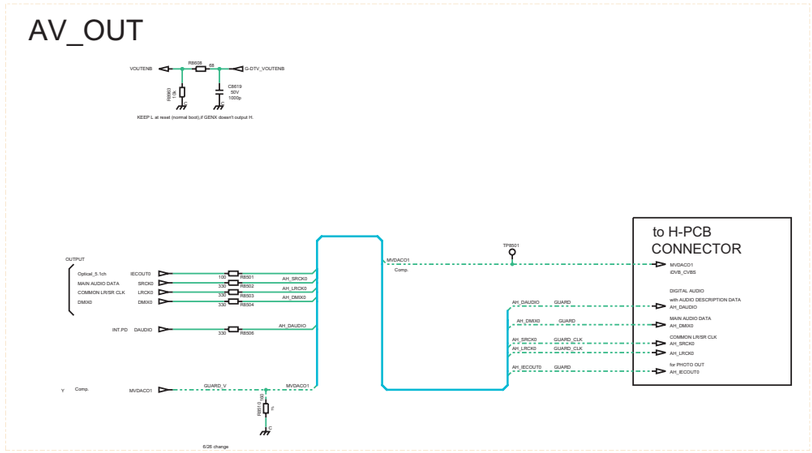
⚠ A-BOARD TXN/A10NXT (6/27)

Sheet No.004_1: Peaks-DEST
CR No.8000~8999

14.11. A-Board (7/27) Schematic Diagram







⚠ A-BOARD TXN/A10NXT (7/27)

Sheet No.004_2: Peaks-DEST
CR No.8000~8999

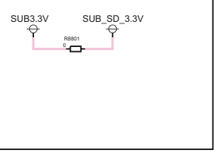
14.12. A-Board (8/27) Schematic Diagram

SD

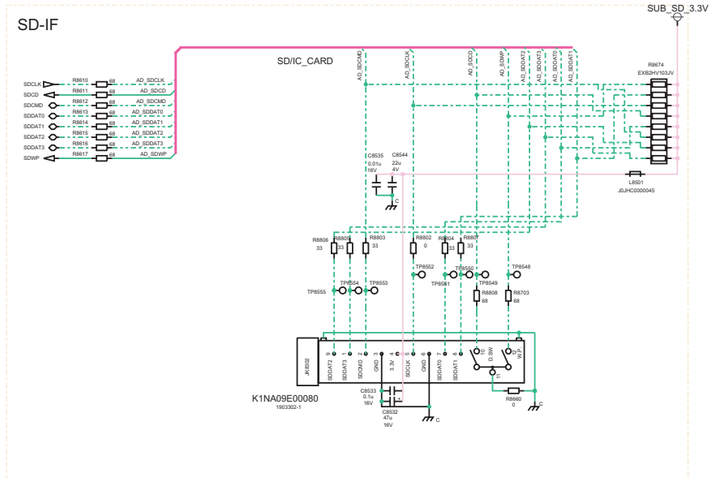
USE SD-IF

SD_POWER

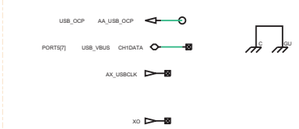
For LCD



SD-IF

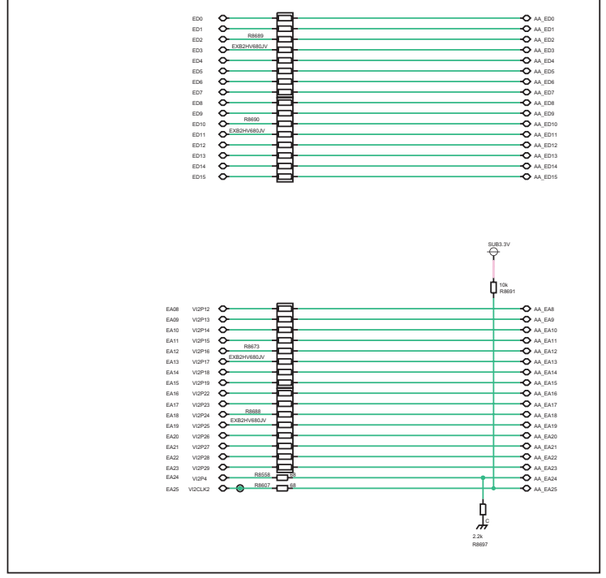


USB-IF



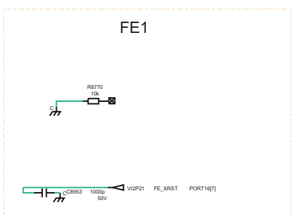
ADMPX

NON USE Adress Data Multi PleX



FE1

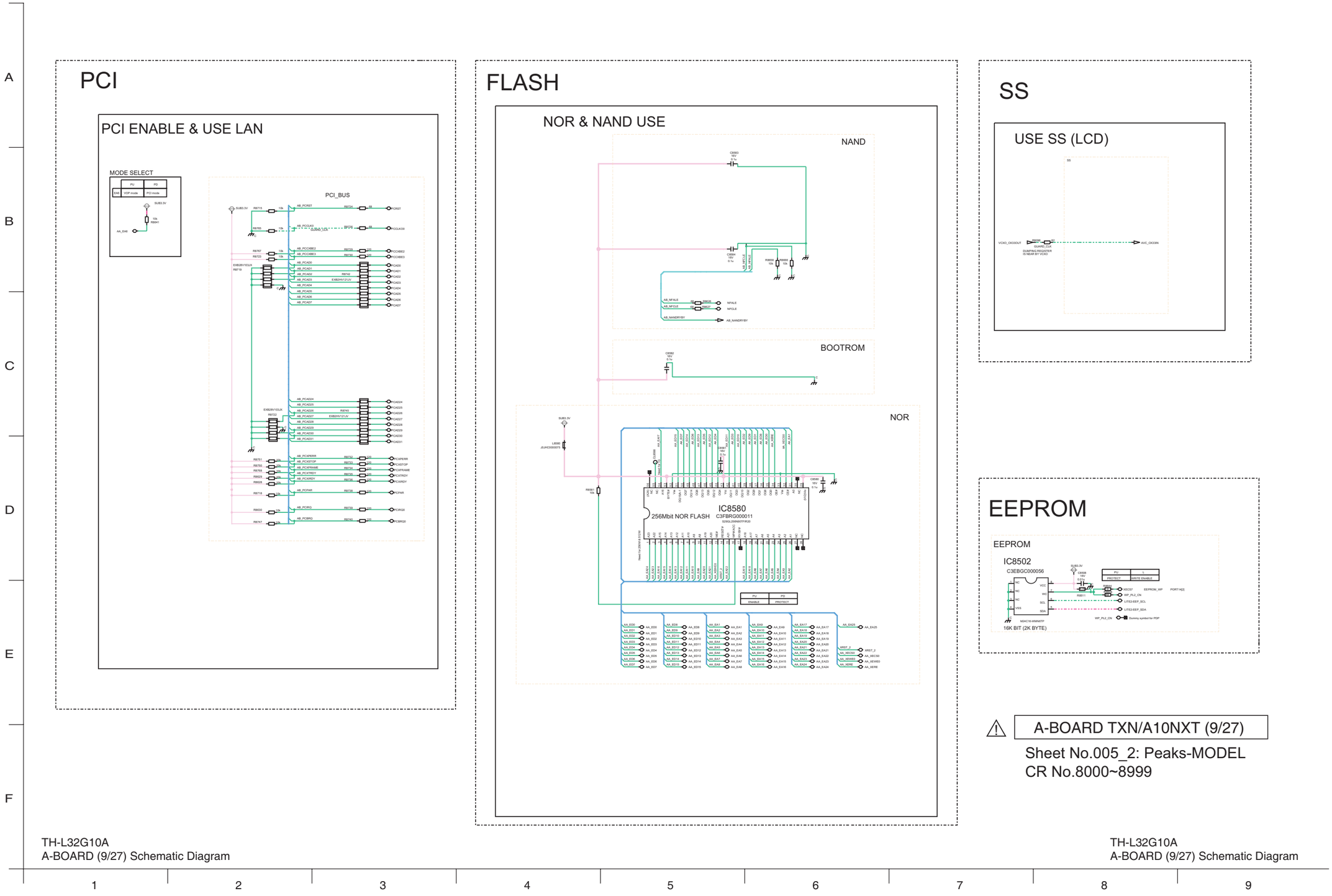
FE1



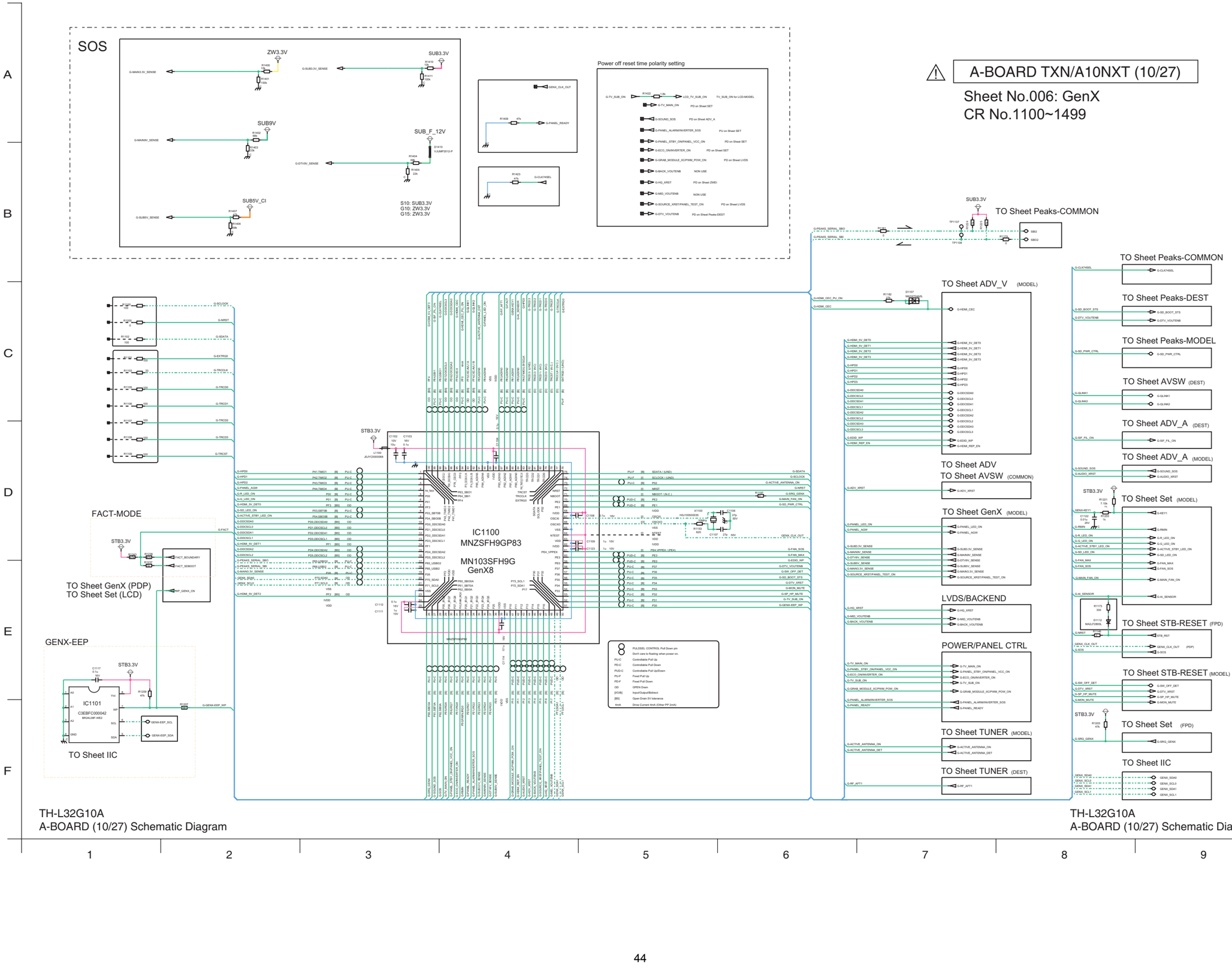
⚠ A-BOARD TXN/A10NXT (8/27)

Sheet No.005_1: Peaks-MODEL
CR No.8000~8999

14.13. A-Board (9/27) Schematic Diagram



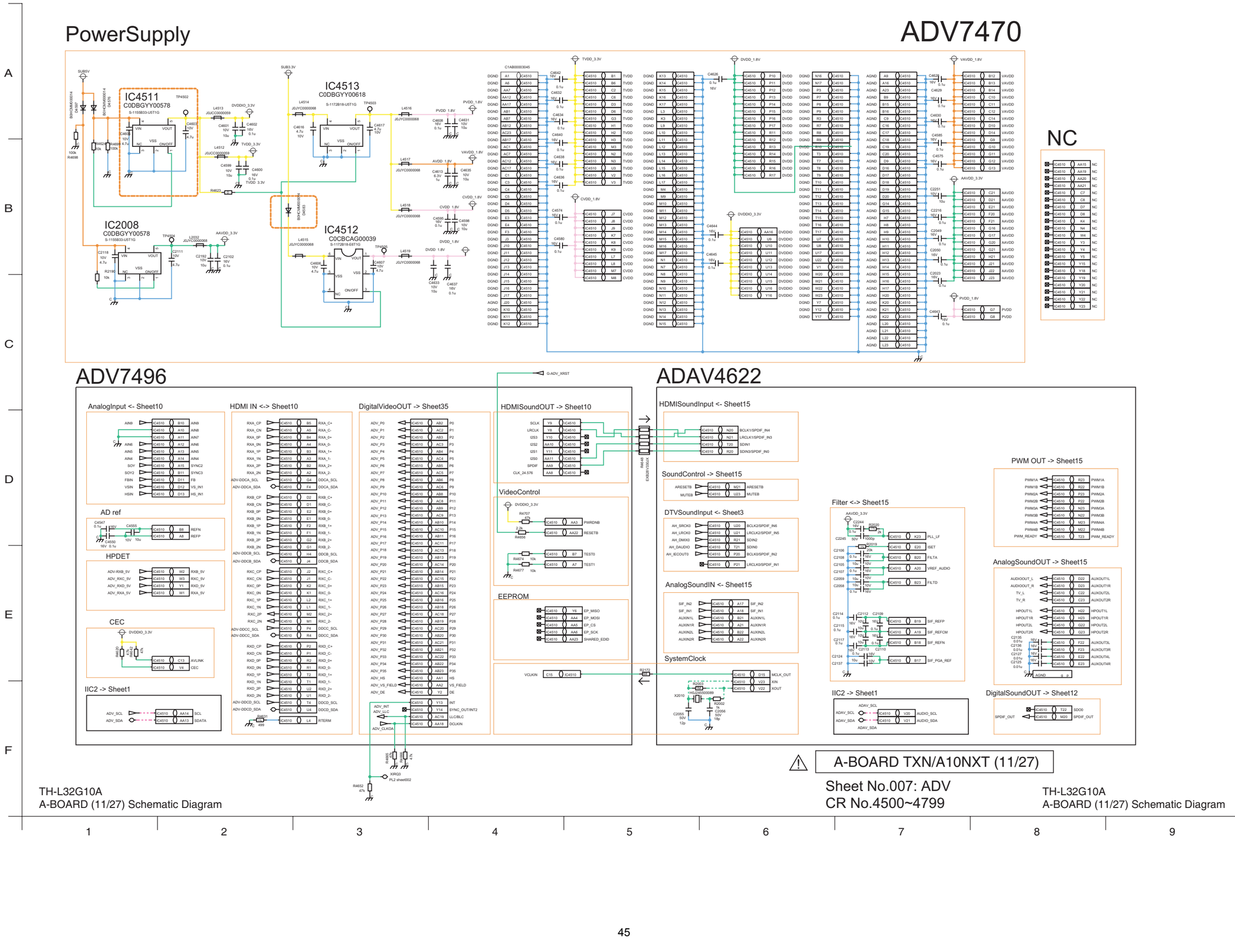
14.14. A-Board (10/27) Schematic Diagram



TH-L32G10A
A-BOARD (10/27) Schematic Diagram

TH-L32G10A
A-BOARD (10/27) Schematic Diagram

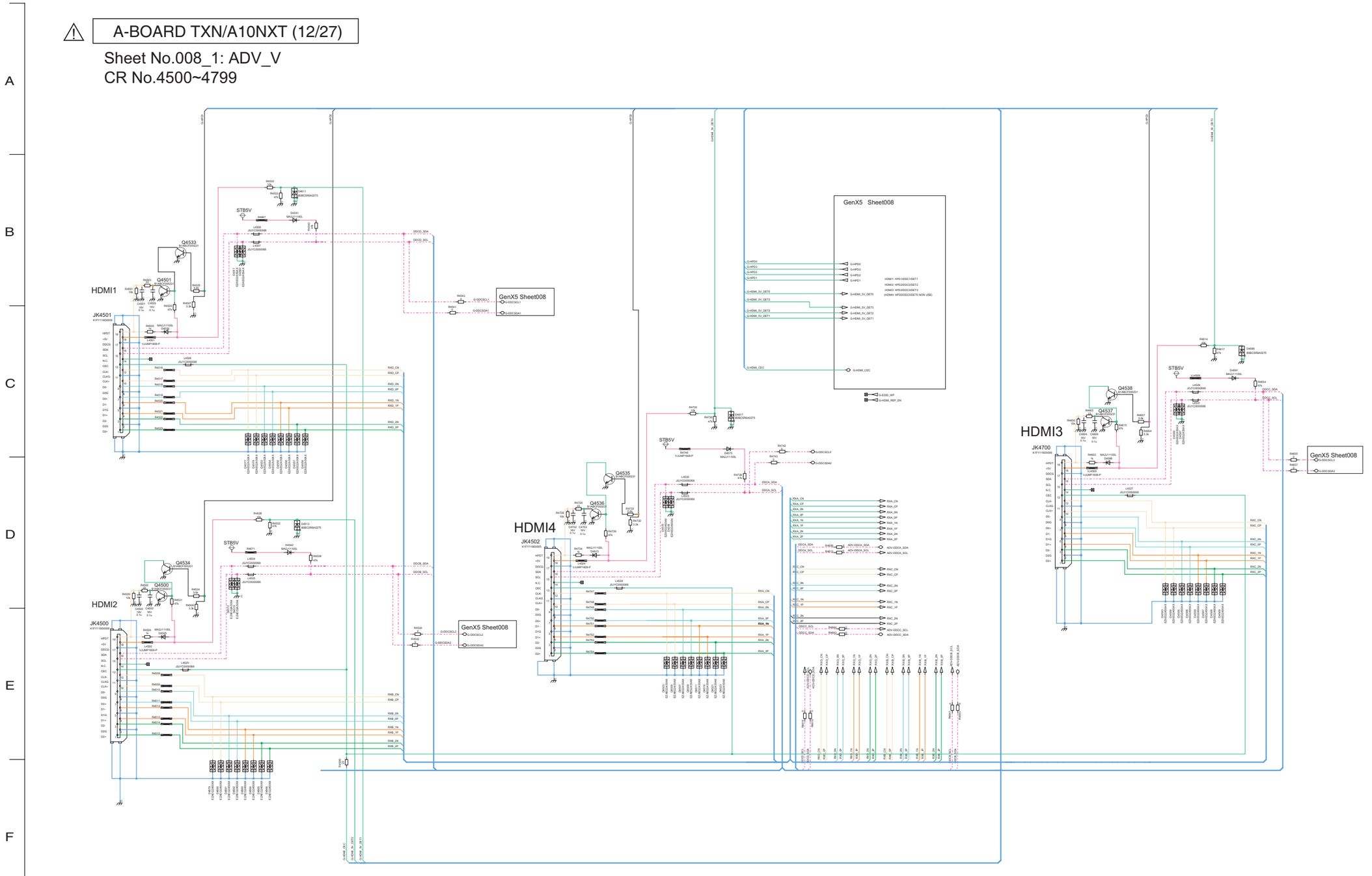
14.15. A-Board (11/27) Schematic Diagram



14.16. A-Board (12/27) Schematic Diagram

⚠ A-BOARD TXN/A10NXT (12/27)

Sheet No.008_1: ADV_V
CR No.4500~4799



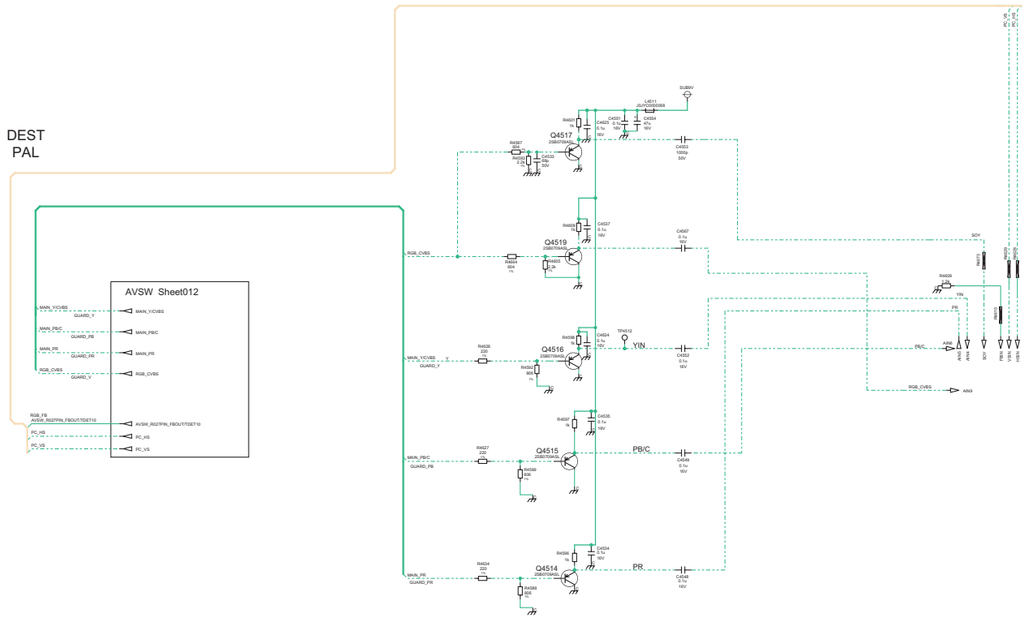
TH-L32G10A
A-BOARD (12/27) Schematic Diagram

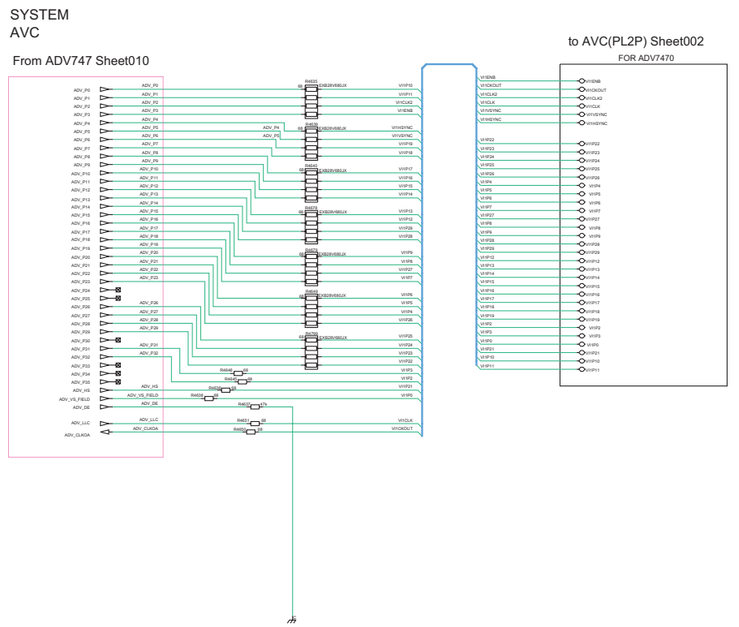
TH-L32G10A
A-BOARD (12/27) Schematic Diagram

14.17. A-Board (13/27) Schematic Diagram

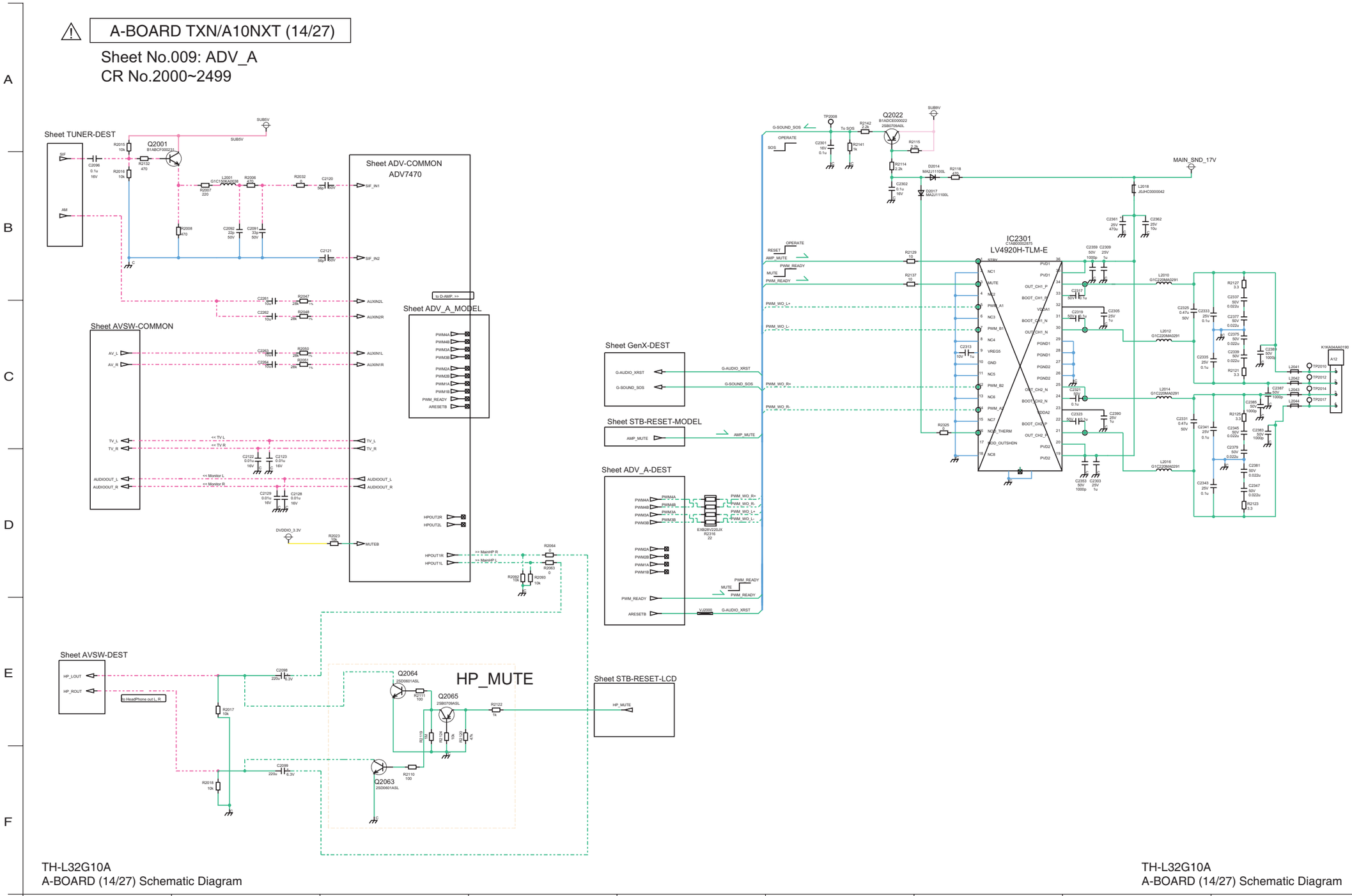
⚠ A-BOARD TXN/A10NXT (13/27)

Sheet No.008_2: ADV_V
CR No.4500~4799



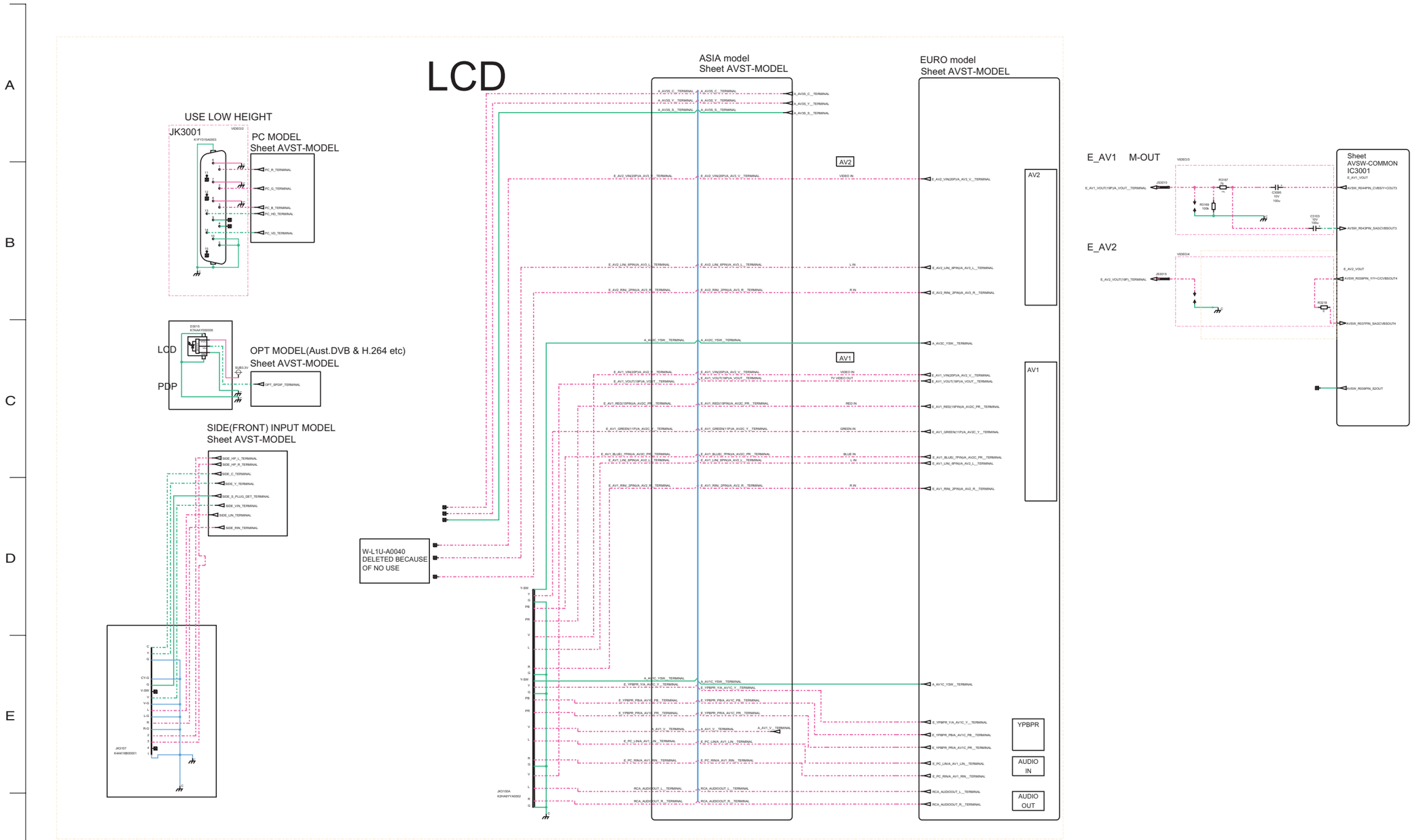


14.18. A-Board (14/27) Schematic Diagram



TH-L32G10A
A-BOARD (14/27) Schematic Diagram

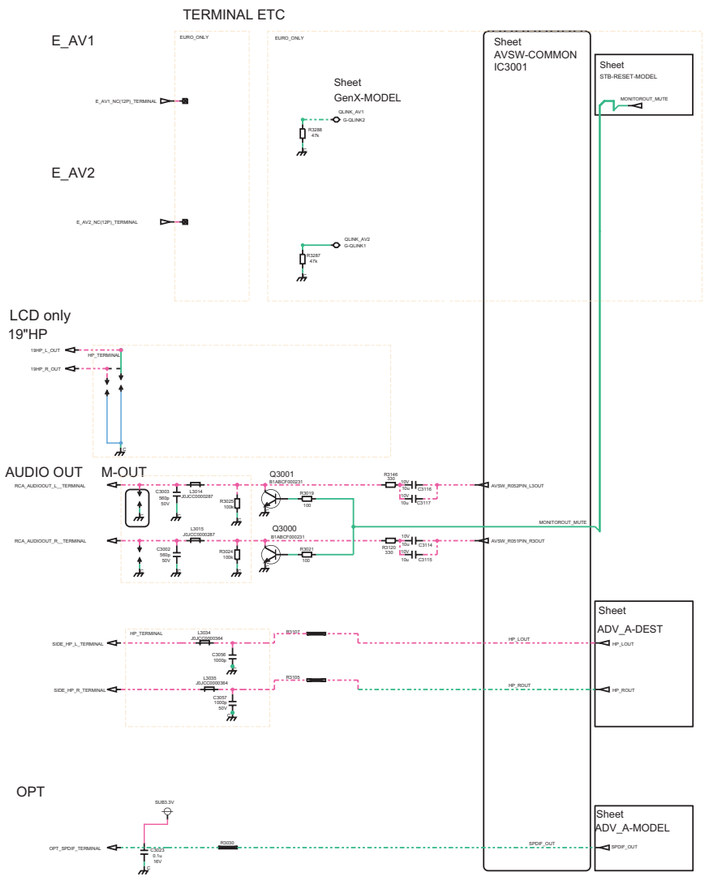
14.19. A-Board (15/27) Schematic Diagram

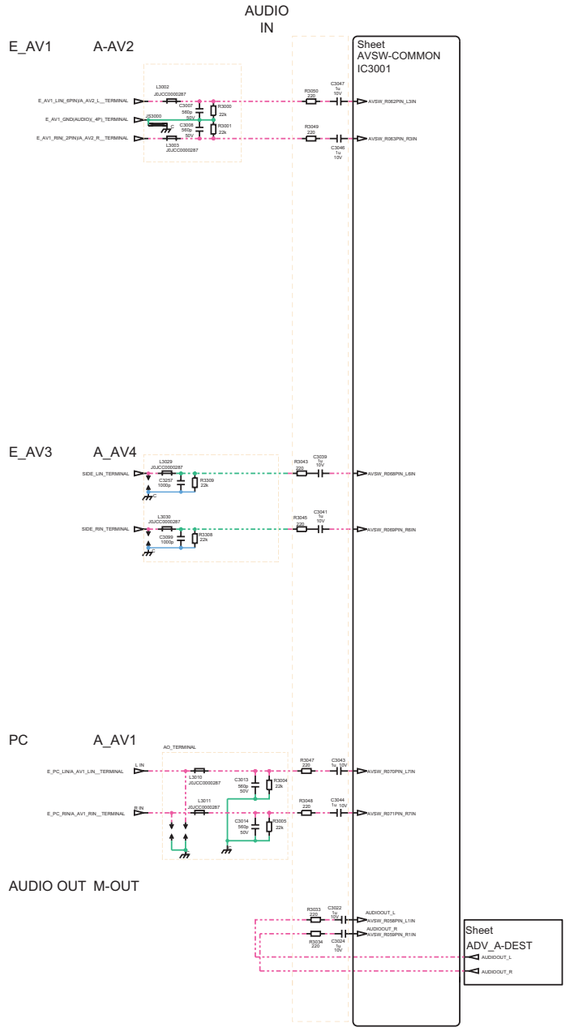


⚠ A-BOARD TXN/A10NXT (15/27)

Sheet No.010_1: AVSW
CR No.3000~3399

14.20. A-Board (16/27) Schematic Diagram

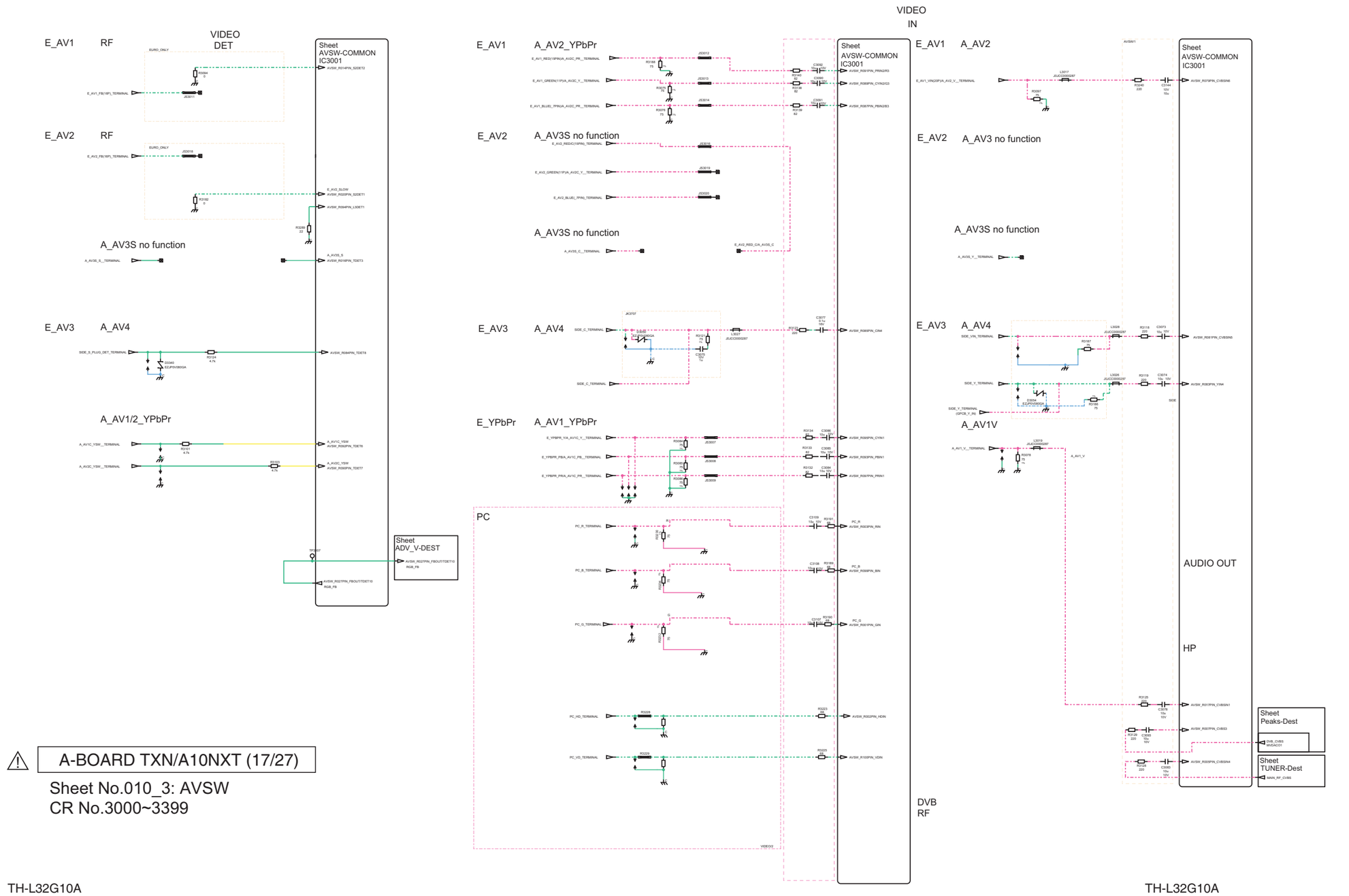




⚠ A-BOARD TXN/A10NXT (16/27)

Sheet No.010_2: AVSW
CR No.3000~3399

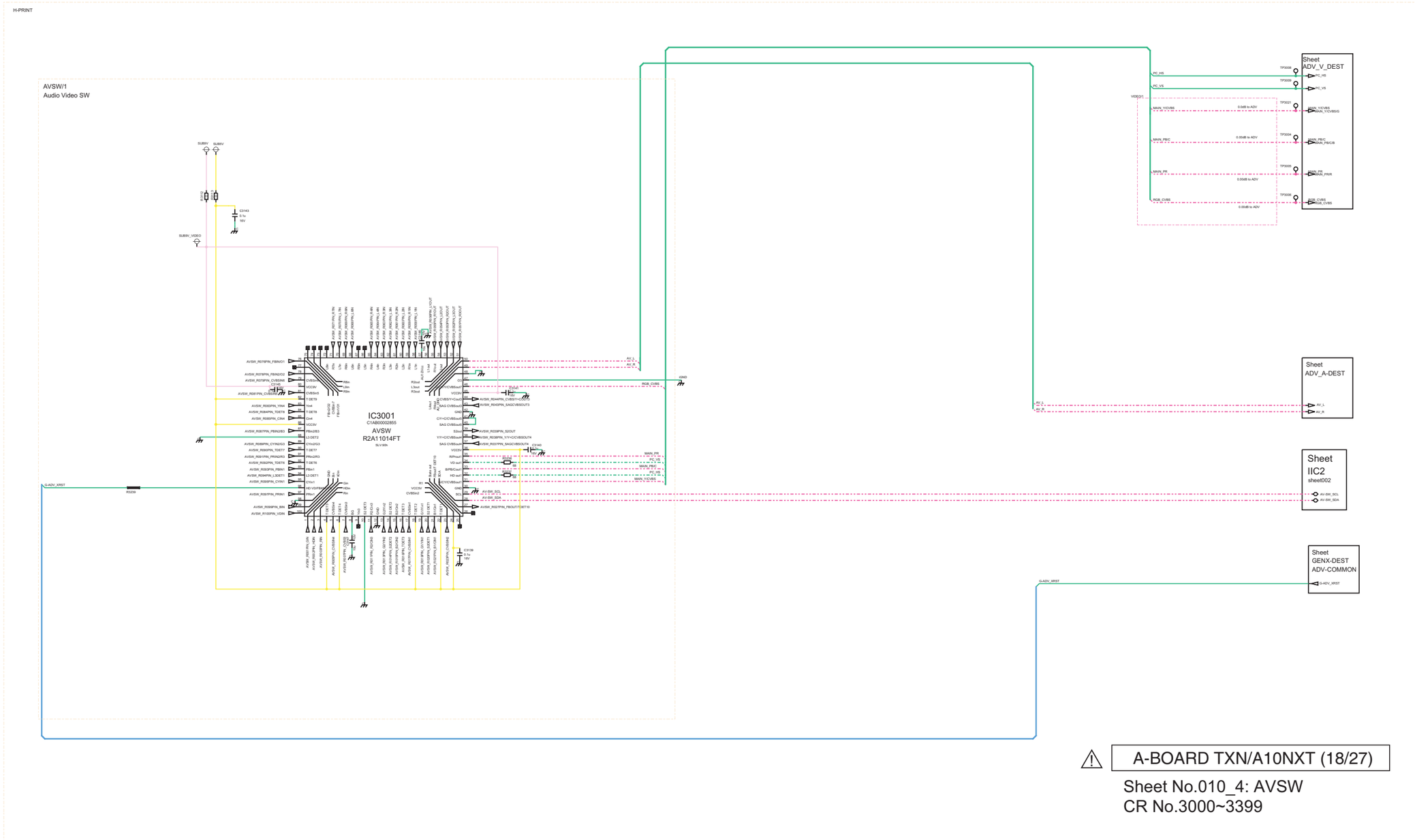
14.21. A-Board (17/27) Schematic Diagram



⚠ A-BOARD TXN/A10NXT (17/27)

Sheet No.010_3: AVSW
CR No.3000~3399

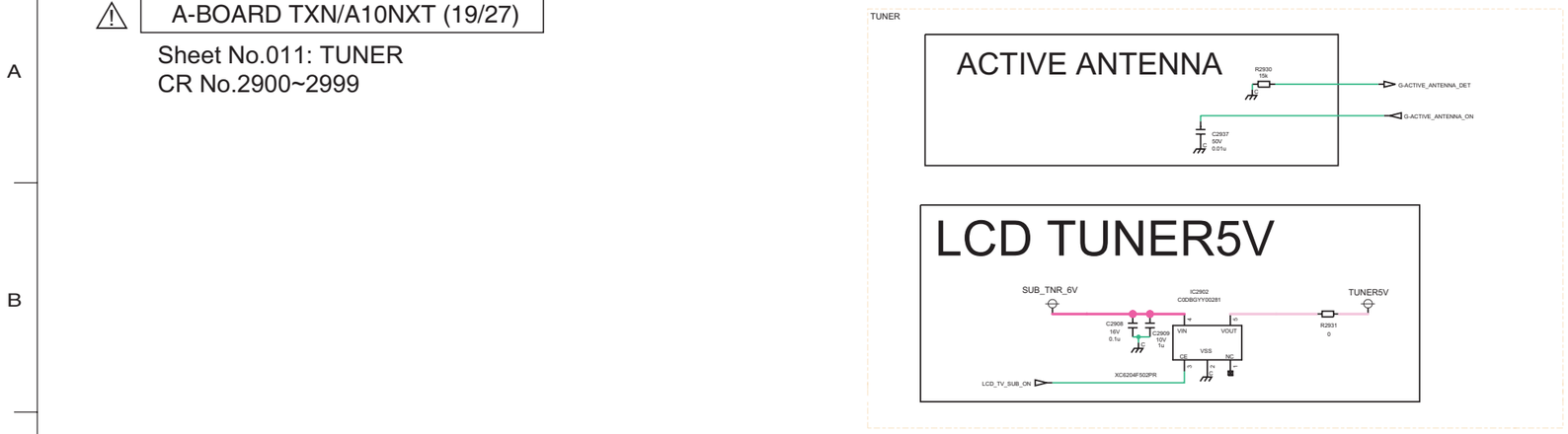
14.22. A-Board (18/27) Schematic Diagram



14.23. A-Board (19/27) Schematic Diagram

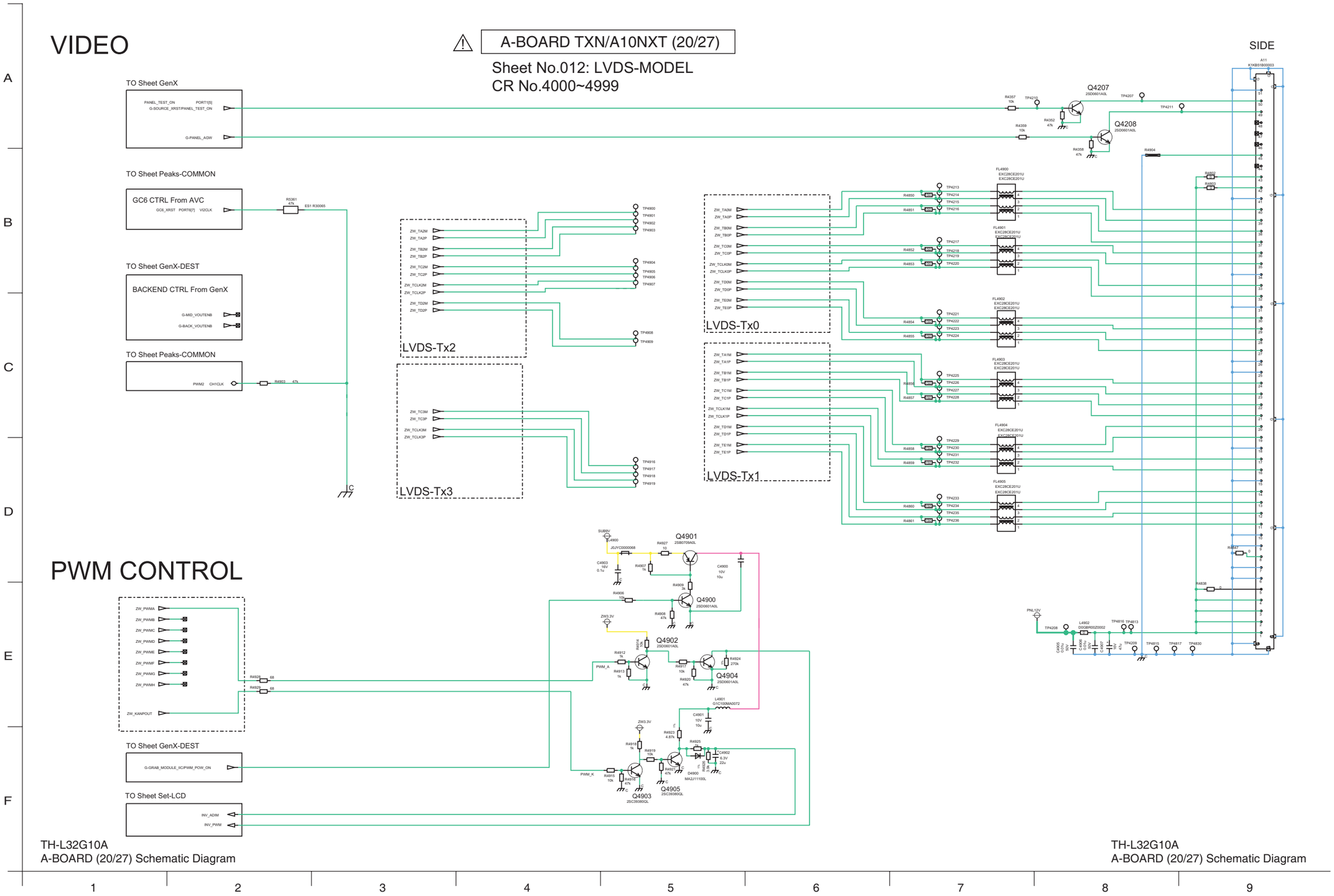
⚠ A-BOARD TXN/A10NXT (19/27)

Sheet No.011: TUNER
CR No.2900~2999



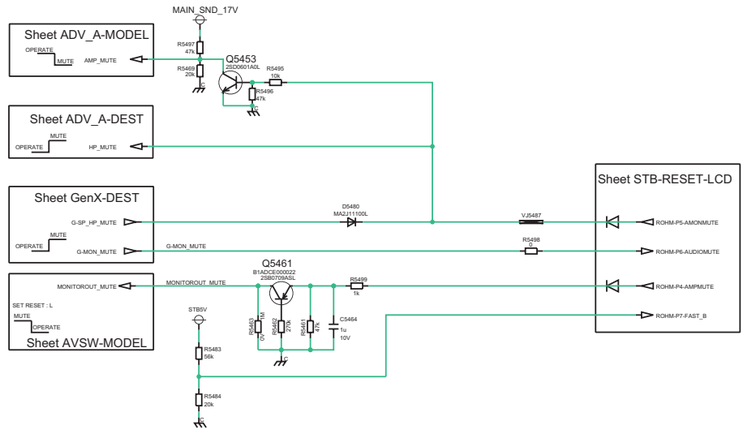
TH-L32G10A
A-BOARD (19/27) Schematic Diagram

14.24. A-Board (20/27) Schematic Diagram

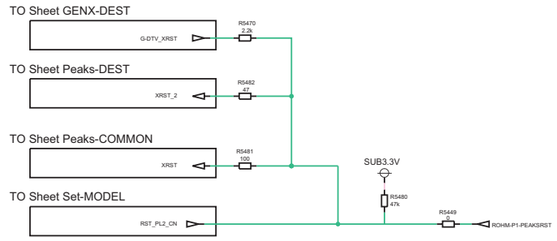


14.25. A-Board (21/27) Schematic Diagram

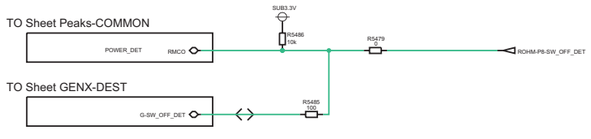
ROHM-MUTE

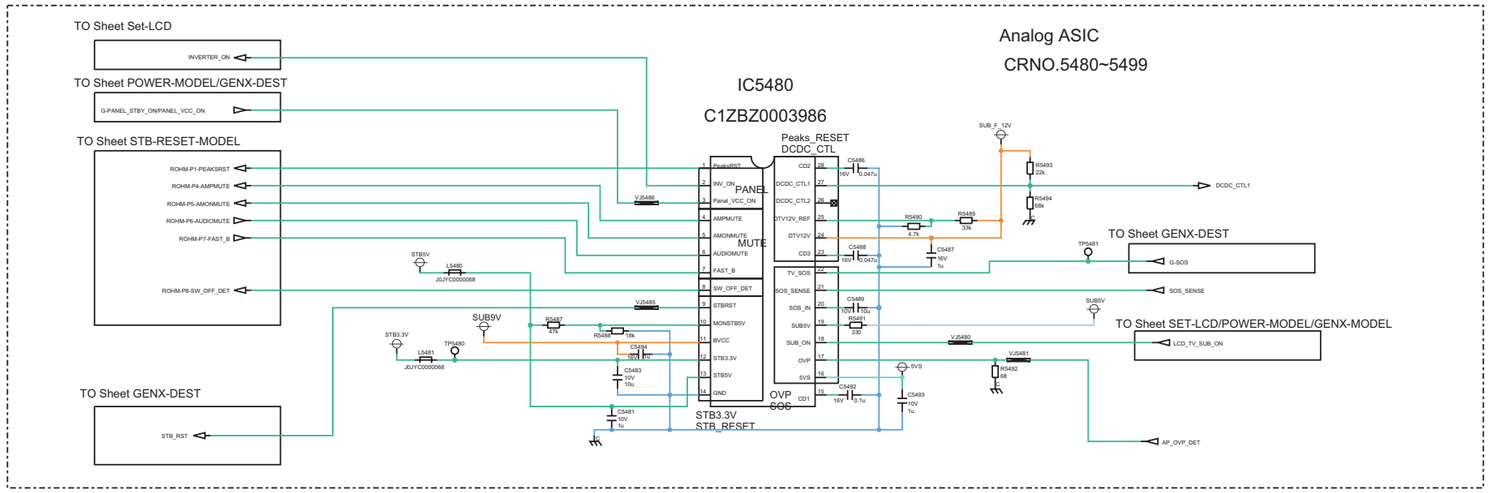


ROHM-PEAKS_RESET



ROHM-SW_OFF_DET





⚠ A-BOARD TXN/A10NXT (21/27)

Sheet No.013: STB-RESET
CR No.5400~5499

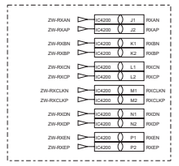
TH-L32G10A
A-BOARD (21/27) Schematic Diagram

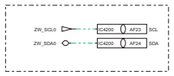
14.26. A-Board (22/27) Schematic Diagram

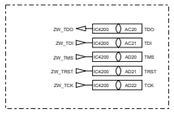
A-BOARD TXN/A10NXT (22/27)

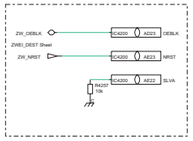
Sheet No.014_1: ZWEI

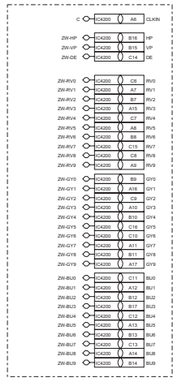
CR No.4200~4399

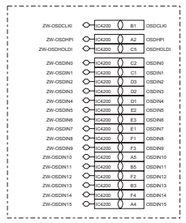


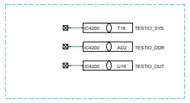


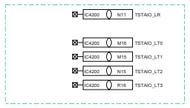


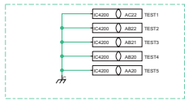


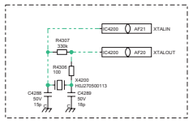


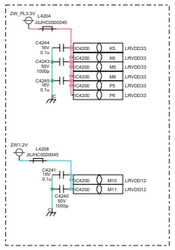


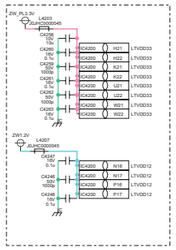


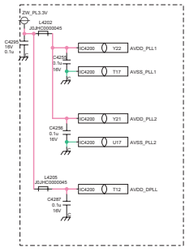


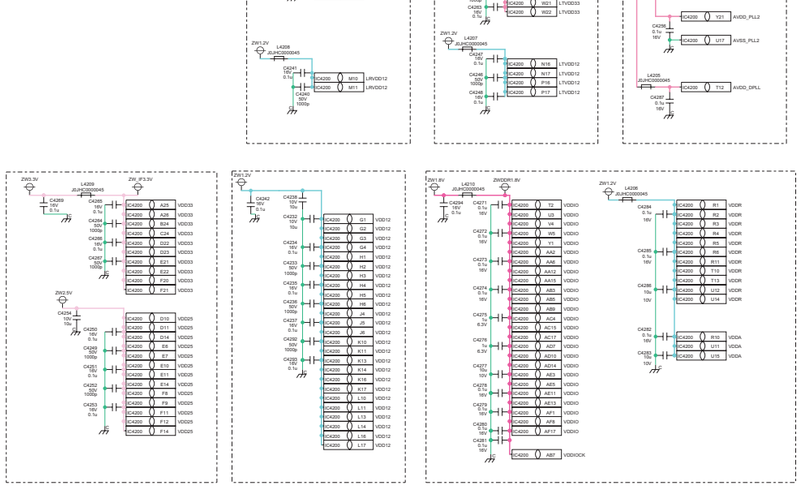


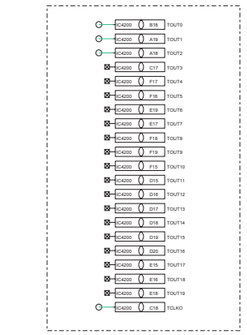


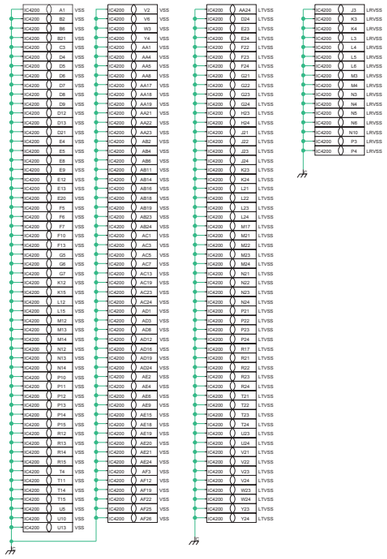


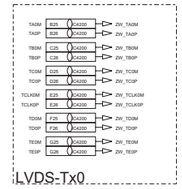


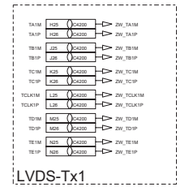


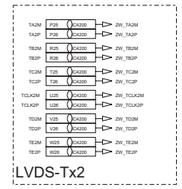


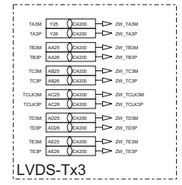


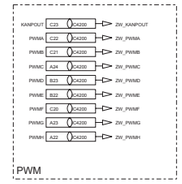


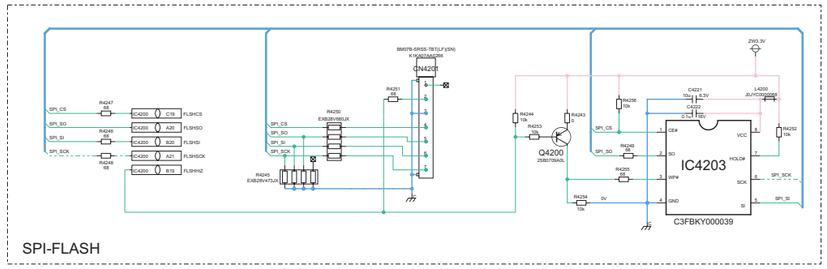








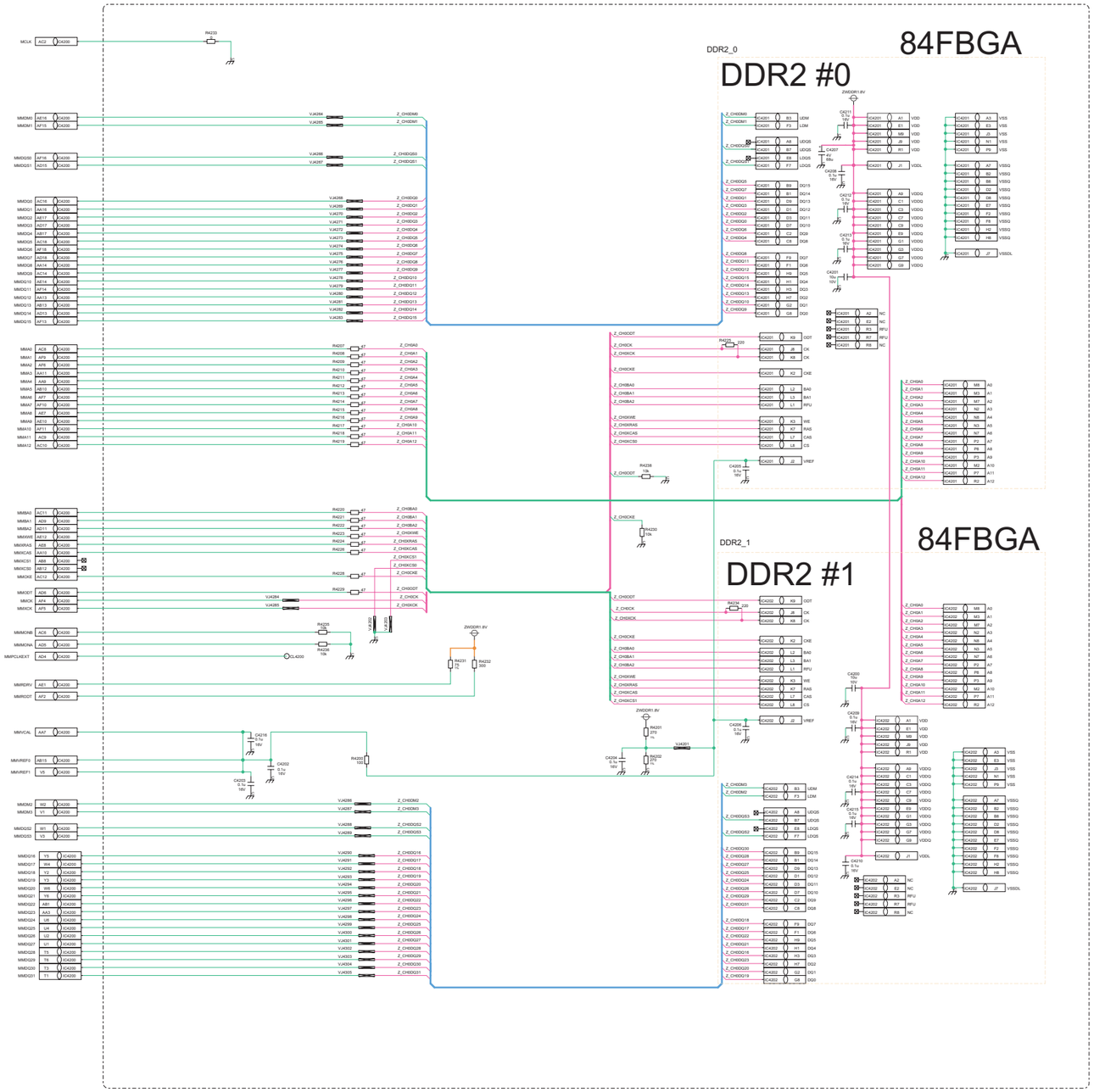




TH-L32G10A
A-BOARD (22/27) Schematic Diagram

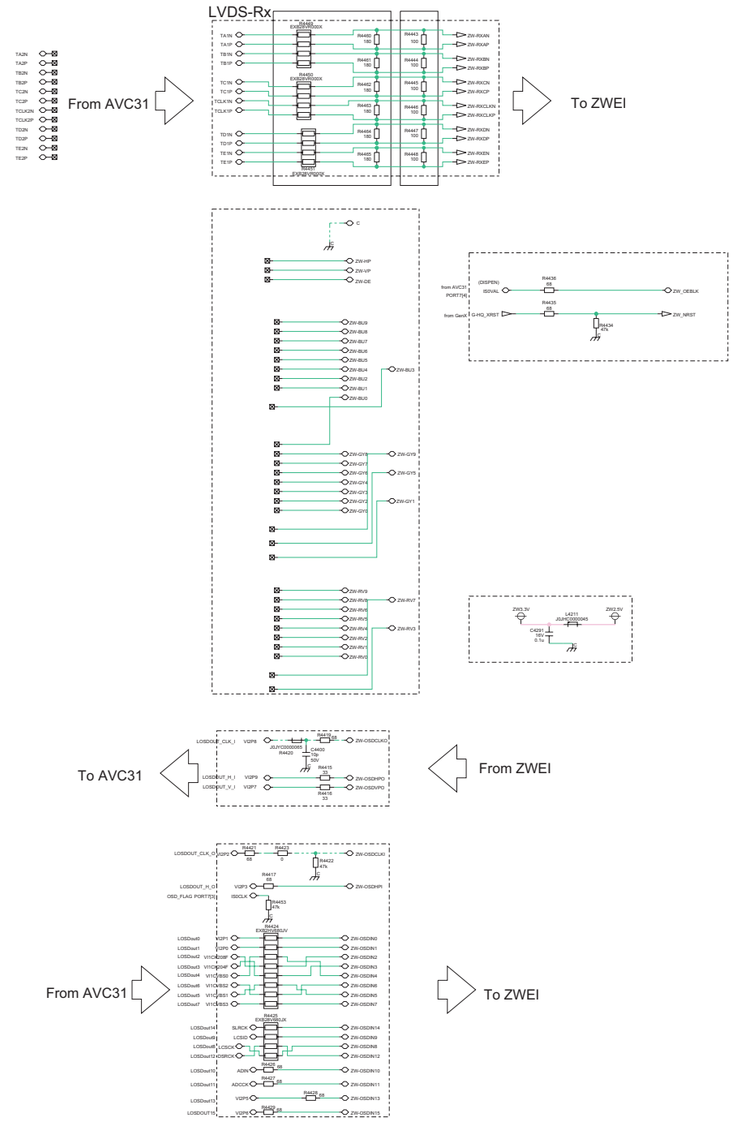
TH-L32G10A
A-BOARD (22/27) Schematic Diagram

14.27. A-Board (23/27) Schematic Diagram



⚠ A-BOARD TXN/A10NXT (23/27)

Sheet No.014_2: ZWEI
CR No.4200~4399



TH-L32G10A
A-BOARD (23/27) Schematic Diagram

TH-L32G10A
A-BOARD (23/27) Schematic Diagram

10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18

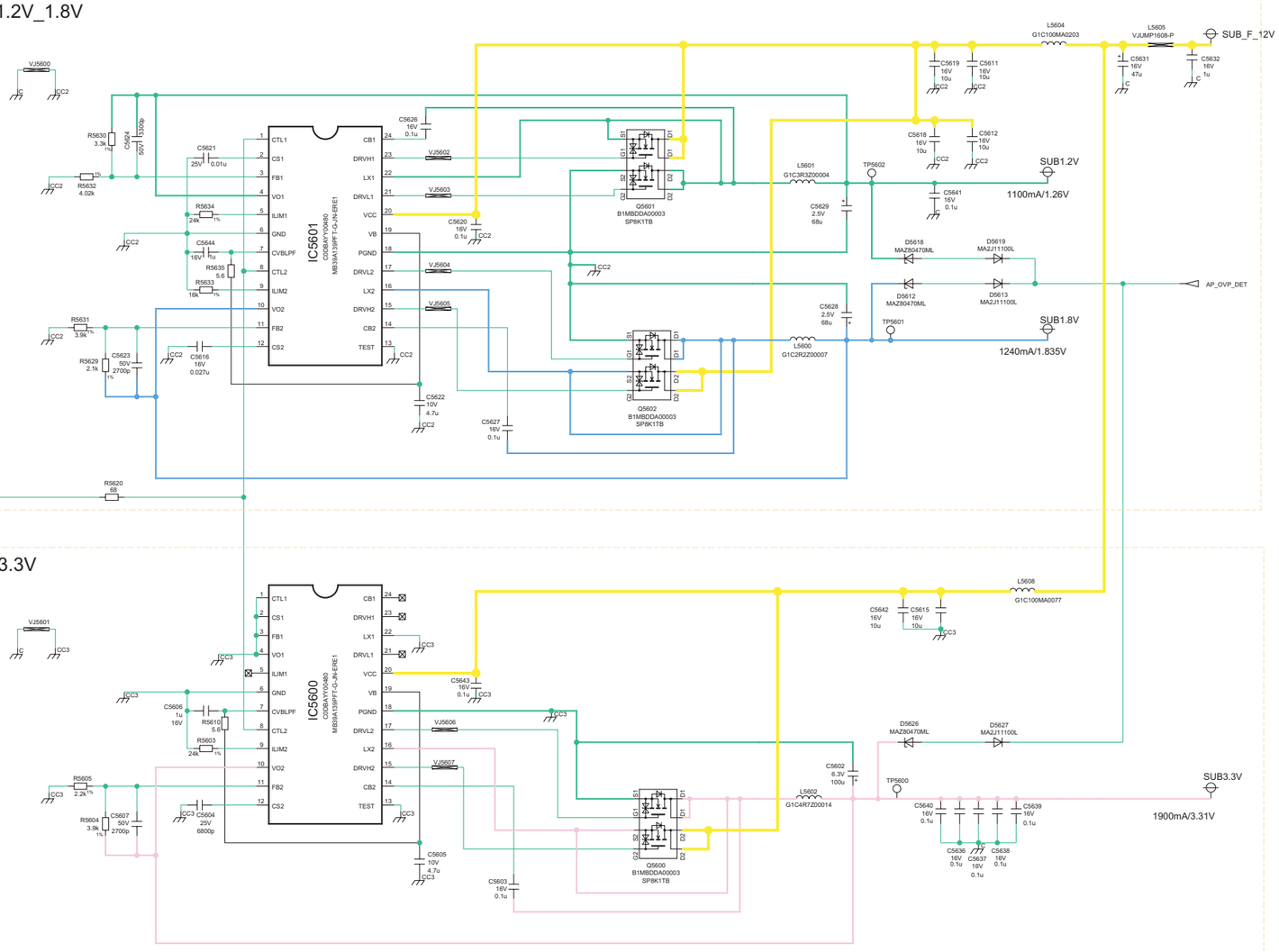
14.28. A-Board (24/27) Schematic Diagram

⚠ A-BOARD TXN/A10NXT (24/27)

Sheet No.015: POWER-Peaks
CR No.5600~5749

PEAKS-AVC_POWER CRNo.5600~5650

SUB1.2V_1.8V



14.29. A-Board (25/27) Schematic Diagram

⚠ A-BOARD TXN/A10NXT (25/27)

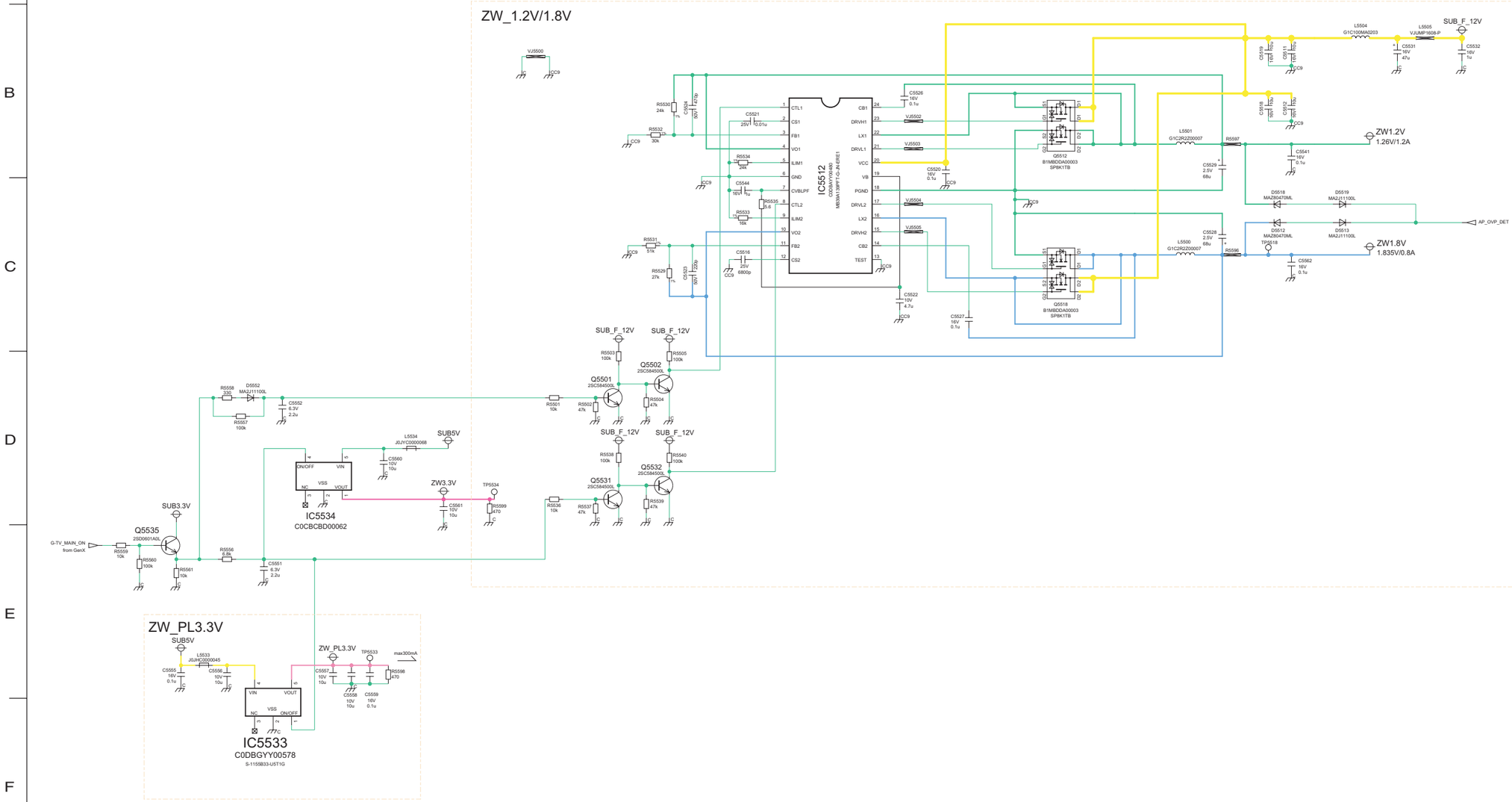
Sheet No.016: POWER-MODEL
CR No.5400~5499

TH-L32G10A
A-BOARD (25/27) Schematic Diagram

14.30. A-Board (26/27) Schematic Diagram

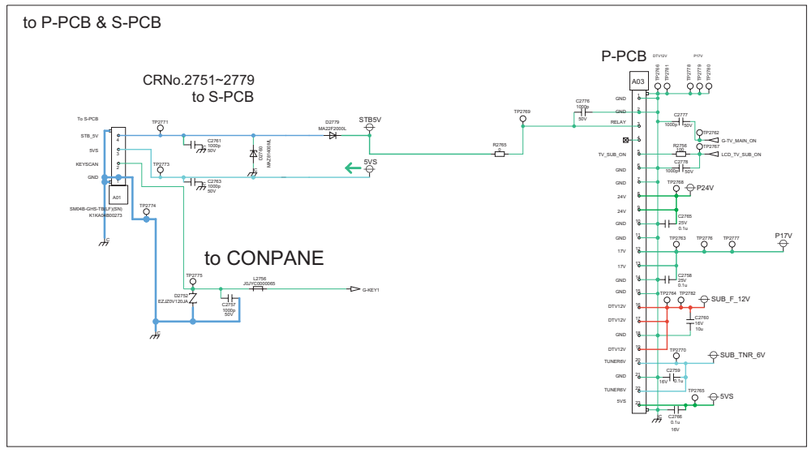
⚠ A-BOARD TXN/A10NXT (26/27)

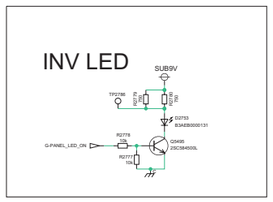
Sheet No.017: POWER-ZWEI
CR No.5600~5749

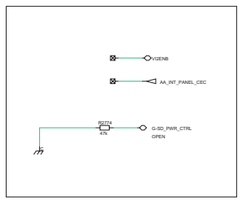


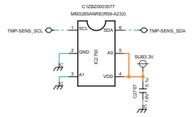
TH-L32G10A
A-BOARD (26/27) Schematic Diagram

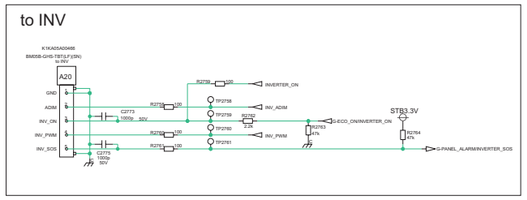
14.31. A-Board (27/27) Schematic Diagram

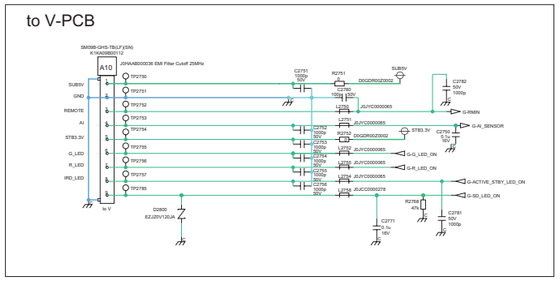






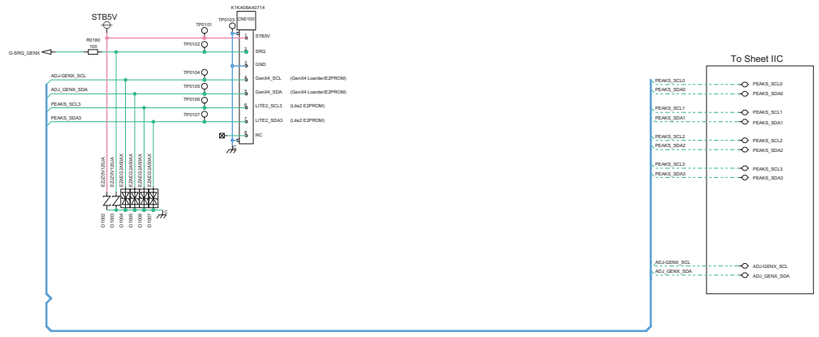






FOR_ADJUSTMENT_AND_DEVELOPMENT

REF No. 0100-0199



⚠ A-BOARD TXN/A10NXT (27/27)

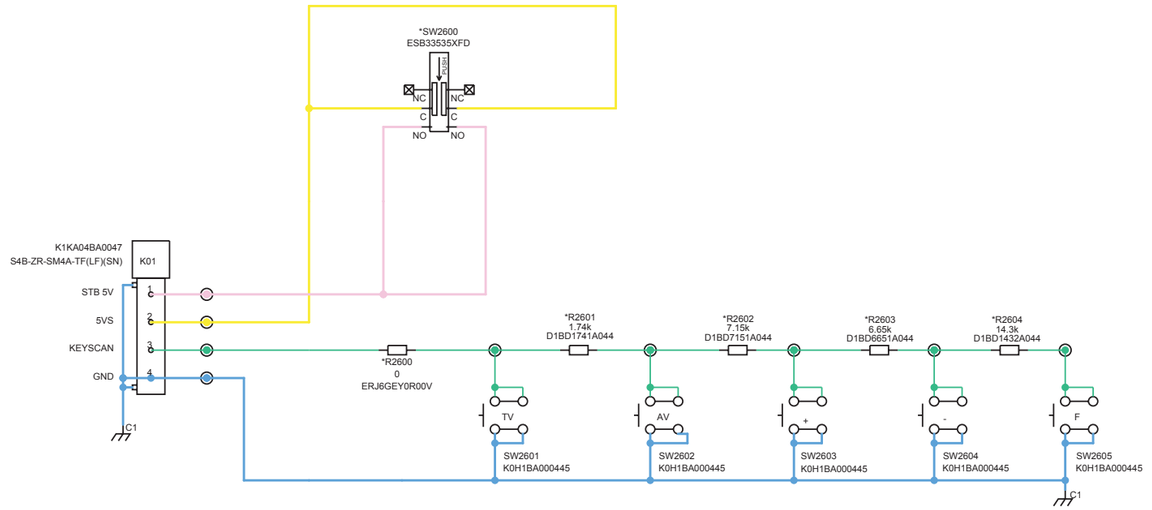
Sheet No.018: Set
CR No.2750~2899

TH-L32G10A
A-BOARD (27/27) Schematic Diagram

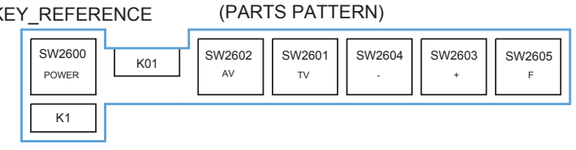
14.32. K-Board Schematic Diagram

⚠ K-BOARD TXN/K10NTT

CR No.2600~2699

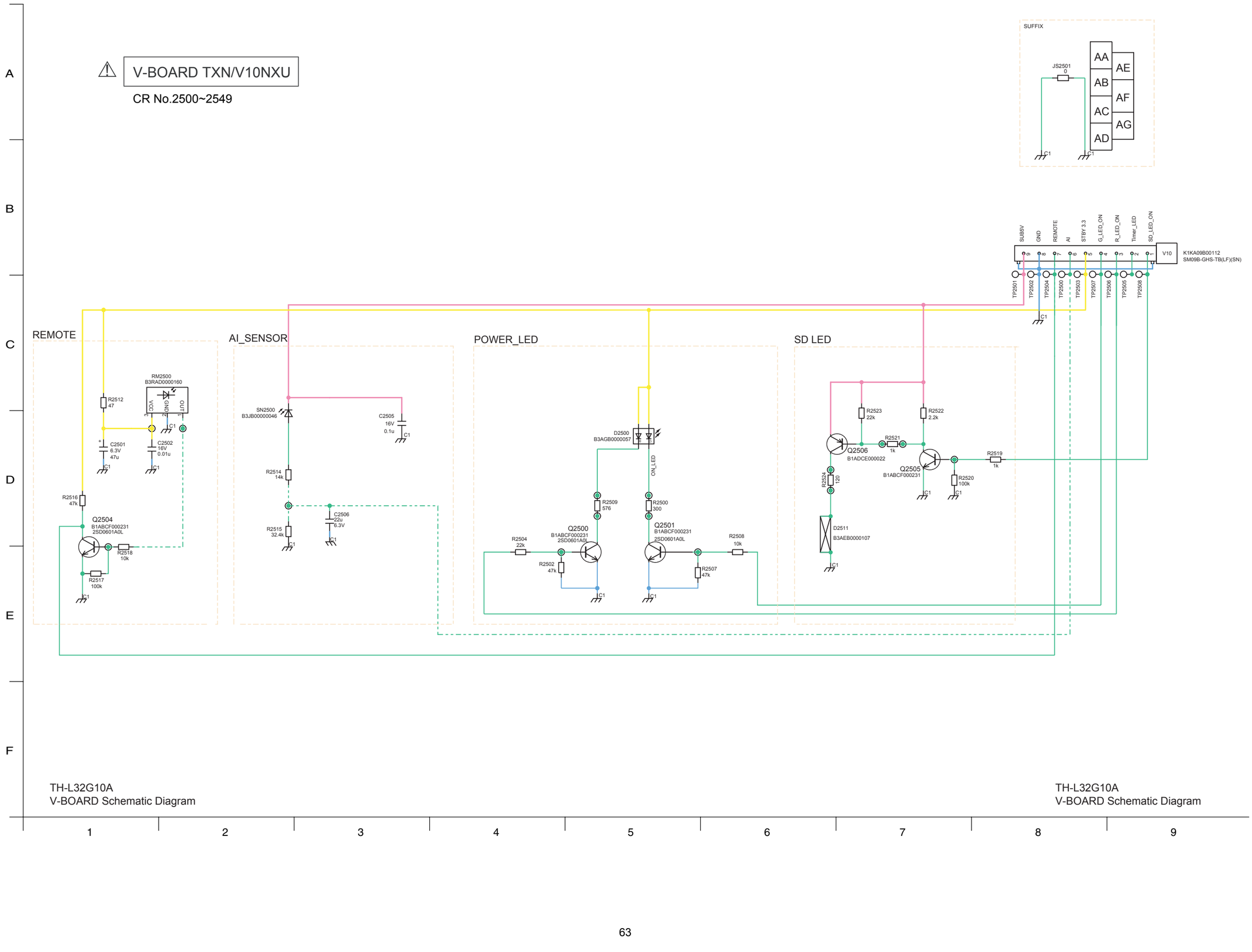


KEY_REFERENCE (PARTS PATTERN)

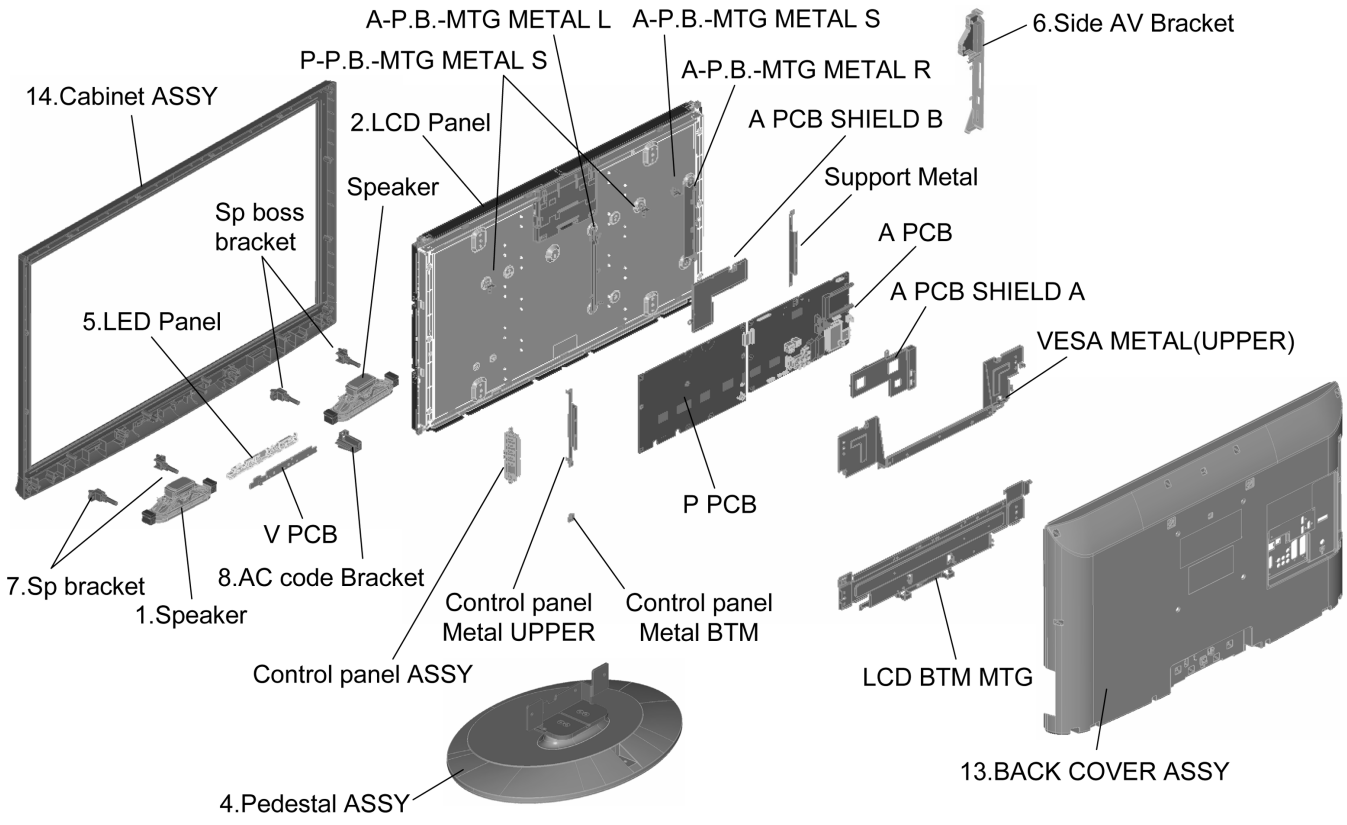


TH-L32G10A
K-BOARD Schematic Diagram

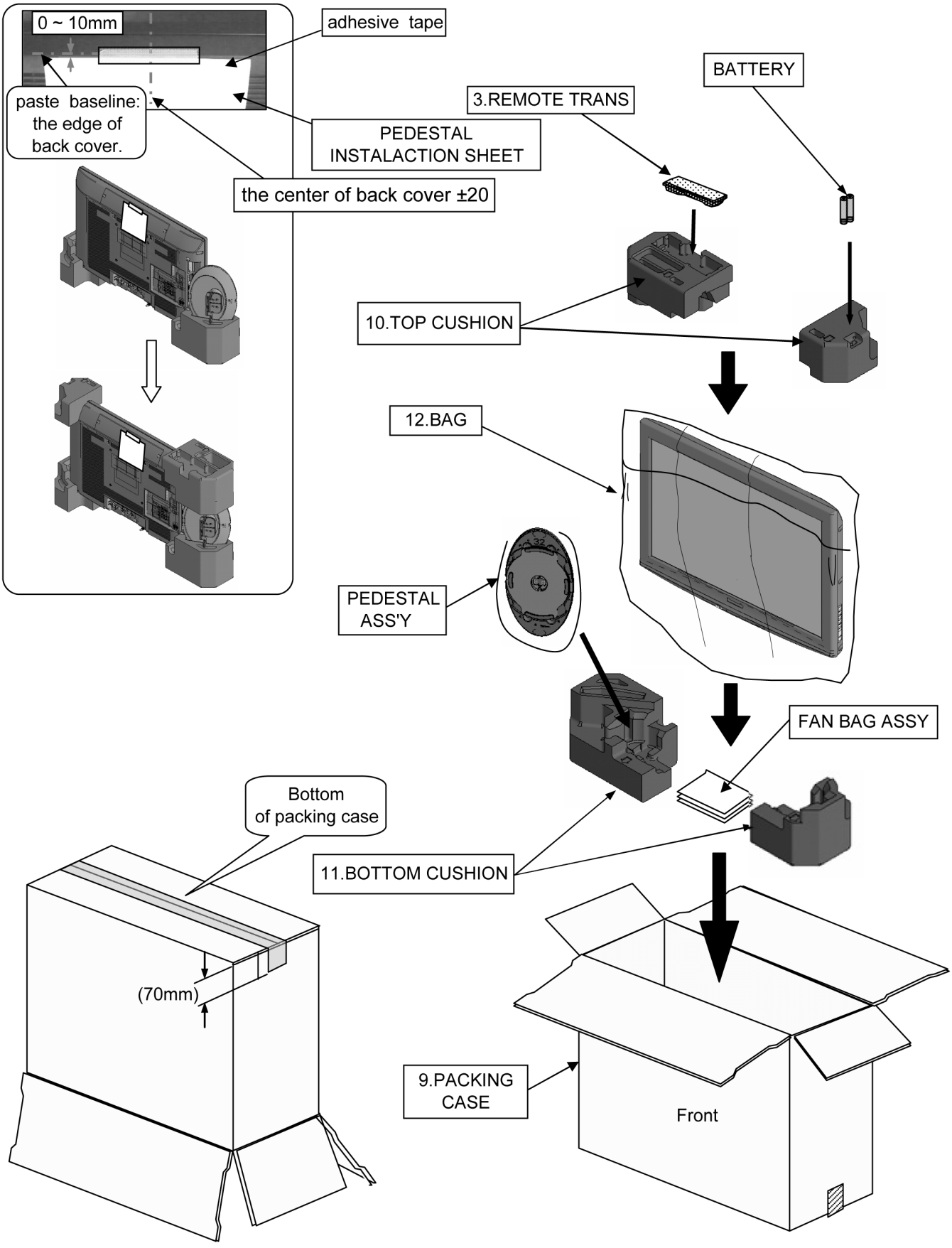
14.33. V-Board Schematic Diagram



15 Parts Location



16 Package exploded view



17 Mechanical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Remarks
1	EAS16S12B	SPEAKER	
	K1PY51Y00026	LVDS FFC	
	K2CJ2YY00017	AC CORD	⚠
2	L5EDD8T00005	LCD PANEL	⚠
3	N2QAYB000352	REMOTE CONTROLLER	
4	TBL0A0207	PEDESTAL ASS'Y	
	TBX0A85202	CONTROL PANEL BUTTON	
	TBX0A85301	POWER BUTTON	
	TKK0A8533-1	TERMINAL COVER	
5	TKK0A8550	LED PANEL	
	TKLA4401	FALL-PREVENTION BAND	
6	TKP0AB9802	SIDE AV BRACKET	
	TKP0AB9901	CONTROL PANEL BRACKET	
7	TKX0A4301	SPEAKER BRACKET	
8	TMX0A203	AC CORD BRACKET	⚠
9	TPC0A52303	PACKING CASE	
10	TPD0A1099	CUSHION	
11	TPD0A2094	CUSHION	
12	TPE0A4045	BAG	
	TPE0AH001	PACKING BAG OF PEDESTAL	
	TQB0A0229	INSTRUCTION BOOK	⚠
13	TTU0A0161	BACK COVER	⚠
14	TTYA1136	CABINET	⚠
	TXFPE01RLTU	CLEANING CLOTH ASS'Y	
	XTW3+8TFJ	SCREW	
	XTWT4+Z15DFJ	SCREW	
	XYM4+C10FJK	SCREW	

18 Electrical Replacement Parts List

18.1. Replacement Parts List Notes

Important Safety Notice

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

RTL (Retention Time Limited)

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

Abbreviation of part name and description

1. Resistor

Example:

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

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V
Type Allowance

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

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

18.2. Electrical Replacement Parts List

18.2.1. Integrate circuit

Ref. No.	Part No.	Part Name & Description	Remarks
IC1100	MNZSFH9GP83	IC	
IC1101	C3EBFC000042	IC	
IC2008	C0DBGYY00578	IC	
IC2301	C1AB00002875	IC	
IC2750	C1ZBZ0003577	IC	
IC2902	C0DBGYY00281	IC	
IC3001	C1AB00002855	IC	
IC4200	MN85060	IC	
IC4201	C3ABRY000015	IC	
IC4202	C3ABRY000015	IC	
IC4203	C3FBKY000039	IC	
IC4510	C1AB00003045	IC	
IC4511	C0DBGYY00578	IC	
IC4512	C0CBCAG00039	IC	
IC4513	C0DBGYY00618	IC	
IC5405	C0DBEZG00024	IC	
IC5409	C0DBEHE00005	IC	
IC5441	C0DBAJB00004	IC	
IC5480	C1ZBZ0003986	IC	
IC5512	C0DBAYY00480	IC	
IC5533	C0DBGYY00578	IC	
IC5534	C0CBCBD00062	IC	
IC5600	C0DBAYY00480	IC	
IC5601	C0DBAYY00480	IC	
IC7201	C0DBBYY00012	IC	
IC7301	C0DABYY00020	IC	
IC7401	C0DBBYY00011	IC	
IC7601	C0DAEMZ00001	IC	
IC7801	C0DBZYY00321	IC	
IC7851	C0ZBZ0001665	IC	
IC7852	C0ABBA000168	IC	
IC7853	C0ABBA000168	IC	
IC7854	C0ABBA000168	IC	
IC7855	C0ABBA000168	IC	
IC8001	MN2WS0059	IC	
IC8002	C3ABTY000015	IC	
IC8003	C3ABTY000015	IC	
IC8004	C0ZBZ0001567	IC	
IC8301	C1AB00003049	IC	
IC8302	C0DBFYY00028	IC	
IC8502	C3EBGC000056	IC	
IC8580	TVRQ660AC	IC	

18.2.2. Transistor

Ref. No.	Part No.	Part Name & Description	Remarks
Q2001	B1ABCF000231	TRANSISTOR	
Q2022	B1ADCE000022	TRANSISTOR	
Q2063	2SD0601ASL	TRANSISTOR	
Q2064	2SD0601ASL	TRANSISTOR	
Q2065	2SB0709ASL	TRANSISTOR	
Q2500	B1ABCF000231	TRANSISTOR	
Q2501	B1ABCF000231	TRANSISTOR	
Q2504	B1ABCF000231	TRANSISTOR	
Q2505	B1ABCF000231	TRANSISTOR	
Q2506	B1ADCE000022	TRANSISTOR	
Q3000	B1ABCF000231	TRANSISTOR	
Q3001	B1ABCF000231	TRANSISTOR	
Q4200	2SB0709A0L	TRANSISTOR	
Q4207	2SD0601A0L	TRANSISTOR	
Q4208	2SD0601A0L	TRANSISTOR	
Q4500	B1ABCF000231	TRANSISTOR	
Q4501	B1ABCF000231	TRANSISTOR	
Q4514	2SB0709ASL	TRANSISTOR	
Q4515	2SB0709ASL	TRANSISTOR	
Q4516	2SB0709ASL	TRANSISTOR	
Q4517	2SB0709ASL	TRANSISTOR	
Q4519	2SB0709ASL	TRANSISTOR	
Q4533	B1ABCF000231	TRANSISTOR	
Q4534	B1ABCF000231	TRANSISTOR	
Q4535	B1ABCF000231	TRANSISTOR	
Q4536	B1ABCF000231	TRANSISTOR	
Q4537	B1ABCF000231	TRANSISTOR	
Q4538	B1ABCF000231	TRANSISTOR	
Q4900	2SD0601A0L	TRANSISTOR	
Q4901	2SB0709A0L	TRANSISTOR	
Q4902	2SD0601A0L	TRANSISTOR	
Q4903	2SC39380QL	TRANSISTOR	
Q4904	2SD0601A0L	TRANSISTOR	
Q4905	2SC39380QL	TRANSISTOR	
Q5407	2SC584500L	TRANSISTOR	
Q5408	2SC584500L	TRANSISTOR	
Q5412	B1CHRE000005	TRANSISTOR	
Q5417	B1CHRE000005	TRANSISTOR	
Q5421	2SC584500L	TRANSISTOR	
Q5431	2SC584500L	TRANSISTOR	
Q5441	B1CFNG000001	TRANSISTOR	
Q5453	2SD0601A0L	TRANSISTOR	
Q5461	B1ADCE000022	TRANSISTOR	
Q5495	2SC584500L	TRANSISTOR	
Q5501	2SC584500L	TRANSISTOR	
Q5502	2SC584500L	TRANSISTOR	
Q5512	B1MBDDA00003	TRANSISTOR	
Q5518	B1MBDDA00003	TRANSISTOR	
Q5531	2SC584500L	TRANSISTOR	
Q5532	2SC584500L	TRANSISTOR	
Q5535	2SD0601A0L	TRANSISTOR	
Q5600	B1MBDDA00003	TRANSISTOR	
Q5601	B1MBDDA00003	TRANSISTOR	
Q5602	B1MBDDA00003	TRANSISTOR	
Q7201	B1CERR000032	TRANSISTOR	
Q7202	B1CERR000032	TRANSISTOR	
Q7203	2SB14340SA	TRANSISTOR	
Q7301	B1CERU000007	TRANSISTOR	
Q7401	B1CERU000007	TRANSISTOR	
Q7501	2SC584500L	TRANSISTOR	
Q7503	2SA207700L	TRANSISTOR	
Q7601	B1DHDD000028	TRANSISTOR	
Q7602	B1CBHD000002	TRANSISTOR	
Q7603	B1CBHD000002	TRANSISTOR	
Q7604	2SC584500L	TRANSISTOR	

Ref. No.	Part No.	Part Name & Description	Remarks
Q7701	2SA207700L	TRANSISTOR	
Q7702	2SC584500L	TRANSISTOR	
Q7703	2SC584500L	TRANSISTOR	
Q7704	B1CBHD000002	TRANSISTOR	
Q7705	2SC584500L	TRANSISTOR	
Q7706	2SC584500L	TRANSISTOR	
Q7707	2SC584500L	TRANSISTOR	
Q7708	2SA207700L	TRANSISTOR	
Q7709	2SC584500L	TRANSISTOR	
Q7710	2SA207700L	TRANSISTOR	
Q7801	B1CERR000032	TRANSISTOR	
Q7802	B1CERR000032	TRANSISTOR	
Q7803	B1CERR000032	TRANSISTOR	
Q7804	B1CERR000032	TRANSISTOR	
Q7805	B1ABGC000001	TRANSISTOR	
Q7851	2SC584500L	TRANSISTOR	
Q7852	2SC584500L	TRANSISTOR	
Q7853	2SA207700L	TRANSISTOR	
Q7854	2SC584500L	TRANSISTOR	
Q7855	2SA207700L	TRANSISTOR	
Q7856	2SC584500L	TRANSISTOR	

18.2.3. Diode

Ref. No.	Part No.	Part Name & Description	Remarks
D1002	EZJZ0V120JA	DIODE	
D1003	EZJZ0V120JA	DIODE	
D1004	EZAEG2A50AX	DIODE	
D1005	EZAEG2A50AX	DIODE	
D1006	EZAEG2A50AX	DIODE	
D1007	EZAEG2A50AX	DIODE	
D1107	MA3X704A0L	DIODE	
D1112	MA2J72800L	DIODE	
D2014	MA2J11100L	DIODE	
D2017	MA2J11100L	DIODE	
D2500	B3AGB0000057	DIODE	
D2511	B3AEB0000107	DIODE	
D2752	EZJZ0V120JA	DIODE	
D2753	B3AEB0000131	DIODE	
D2760	MAZ81400ML	DIODE	
D2779	MA22F2000L	DIODE	
D2800	EZJZ0V120JA	DIODE	
D3015	K7AAAY000005	DIODE	
D3050	EZJP0V080GA	DIODE	
D3054	EZJP0V080GA	DIODE	
D3340	EZJP0V080GA	DIODE	
D4503	EZAEG2A50AX	DIODE	
D4505	EZAEG2A50AX	DIODE	
D4507	EZAEG2A50AX	DIODE	
D4509	EZAEG2A50AX	DIODE	
D4511	EZAEG2A50AX	DIODE	
D4512	EZAEG2A50AX	DIODE	
D4513	B0BC5R6A0275	DIODE	
D4516	EZAEG2A50AX	DIODE	
D4517	EZAEG2A50AX	DIODE	
D4518	EZAEG2A50AX	DIODE	
D4520	EZAEG2A50AX	DIODE	
D4521	EZAEG2A50AX	DIODE	
D4523	EZAEG2A50AX	DIODE	

Ref. No.	Part No.	Part Name & Description	Remarks
D4525	MA2J11100L	DIODE	
D4526	MA2J11100L	DIODE	
D4541	MA2J11100L	DIODE	
D4542	MA2J11100L	DIODE	
D4553	EZAEG2A50AX	DIODE	
D4554	EZAEG2A50AX	DIODE	
D4555	EZAEG2A50AX	DIODE	
D4556	EZAEG2A50AX	DIODE	
D4557	EZAEG2A50AX	DIODE	
D4558	EZAEG2A50AX	DIODE	
D4559	EZAEG2A50AX	DIODE	
D4560	EZAEG2A50AX	DIODE	
D4564	EZAEG2A50AX	DIODE	
D4565	EZAEG2A50AX	DIODE	
D4566	EZAEG2A50AX	DIODE	
D4567	EZAEG2A50AX	DIODE	
D4568	EZAEG2A50AX	DIODE	
D4569	EZAEG2A50AX	DIODE	
D4573	EZAEG2A50AX	DIODE	
D4574	EZAEG2A50AX	DIODE	
D4575	MA2J11100L	DIODE	
D4576	B0HCMM000014	DIODE	
D4577	EZAEG2A50AX	DIODE	
D4578	EZAEG2A50AX	DIODE	
D4579	EZAEG2A50AX	DIODE	
D4580	EZAEG2A50AX	DIODE	
D4581	EZAEG2A50AX	DIODE	
D4582	EZAEG2A50AX	DIODE	
D4583	B0HCMM000014	DIODE	
D4585	EZAEG2A50AX	DIODE	
D4586	B0BC5R6A0275	DIODE	
D4587	EZAEG2A50AX	DIODE	
D4588	MA2J11100L	DIODE	
D4591	MA2J11100L	DIODE	
D4593	EZAEG2A50AX	DIODE	
D4594	EZAEG2A50AX	DIODE	
D4595	EZAEG2A50AX	DIODE	
D4596	EZAEG2A50AX	DIODE	
D4597	B0HCMM000014	DIODE	
D4611	B0BC5R6A0275	DIODE	
D4615	MA2J11100L	DIODE	
D4617	B0BC5R6A0275	DIODE	
D4900	MA2J11100L	DIODE	
D5407	MA2J11100L	DIODE	
D5414	MA2J11100L	DIODE	
D5441	MA3X78900L	DIODE	
D5442	B0BC03900015	DIODE	
D5473	MA2J11100L	DIODE	
D5474	MA2J11100L	DIODE	
D5480	MA2J11100L	DIODE	
D5481	MAZ81800ML	DIODE	
D5482	MA2J11100L	DIODE	
D5483	MAZ81100ML	DIODE	
D5484	MA2J11100L	DIODE	
D5485	MAZ82400ML	DIODE	
D5486	MA2J11100L	DIODE	
D5512	MAZ80470ML	DIODE	
D5513	MA2J11100L	DIODE	
D5518	MAZ80470ML	DIODE	
D5519	MA2J11100L	DIODE	
D5552	MA2J11100L	DIODE	

Ref. No.	Part No.	Part Name & Description	Remarks
D5612	MAZ80470ML	DIODE	
D5613	MA2J11100L	DIODE	
D5618	MAZ80470ML	DIODE	
D5619	MA2J11100L	DIODE	
D5626	MAZ80470ML	DIODE	
D5627	MA2J11100L	DIODE	
D7101	D4EAC6210002	DIODE	⚠
D7102	D4EAC6210002	DIODE	⚠
D7151	B0FBAT000008	DIODE	⚠
D7201	B0EAKR000029	DIODE	
D7202	B0JAME000091	DIODE	
D7203	B0JAME000091	DIODE	
D7204	B0HAMC000012	DIODE	
D7205	B0HAMC000012	DIODE	
D7206	B0HAMC000012	DIODE	
D7207	B0HAMC000012	DIODE	
D7251	B0FABR000004	DIODE	
D7301	B0EAKT000019	DIODE	
D7302	B0EAKT000019	DIODE	
D7303	B0JAME000091	DIODE	
D7304	B0JAME000091	DIODE	
D7305	B0JAME000091	DIODE	
D7306	B0JAME000091	DIODE	
D7401	B0EBKT000007	DIODE	⚠
D7405	B0EAKT000013	DIODE	
D7406	B0HAKR000004	DIODE	
D7407	B0HAGV000004	DIODE	
D7408	B0HAKR000004	DIODE	
D7409	B0HAMC000012	DIODE	
D7410	B0HAGV000004	DIODE	
D7411	B0JAME000091	DIODE	
D7412	B0JAME000091	DIODE	
D7503	B0HESM000001	DIODE	
D7505	B0BA01400009	DIODE	
D7551	B0BA01400009	DIODE	
D7552	B0JBSL000031	DIODE	
D7562	B0BA6R100003	DIODE	
D7601	B0HAKR000004	DIODE	
D7602	B0BA01000070	DIODE	
D7651	B0JBSL000023	DIODE	
D7701	B0HAMC000012	DIODE	
D7702	B0HAMC000012	DIODE	
D7703	B0AACK000004	DIODE	
D7704	MA3X152E0L	DIODE	
D7705	B0AACK000004	DIODE	
D7706	B0AACK000004	DIODE	
D7707	B0AACK000004	DIODE	
D7708	B0AACK000004	DIODE	
D7709	MA3X152E0L	DIODE	
D7711	B0AACK000004	DIODE	
D7712	B0BA8R700009	DIODE	
D7713	B0BA8R700009	DIODE	
D7751	B0BA7R900004	DIODE	
D7752	B0BA02500002	DIODE	
D7755	B0BA9R600002	DIODE	
D7756	B0BA9R600002	DIODE	
D7757	B0BA4R600003	DIODE	
D7758	B0BA6R600008	DIODE	
D7759	B0BA6R600008	DIODE	
D7760	B0BA6R600008	DIODE	

Ref. No.	Part No.	Part Name & Description	Remarks
D7801	B0JAMG000010	DIODE	
D7802	B0JAMG000010	DIODE	
D7803	B0JAMG000010	DIODE	
D7804	B0JAMG000010	DIODE	
D7805	B0AACK000004	DIODE	
D7806	B0HAMC000012	DIODE	
D7807	B0HAMC000012	DIODE	
D7809	MAZ80470ML	DIODE	
D7810	MAZ80470ML	DIODE	
D7813	B0BA01400009	DIODE	
D7814	B0BA01400009	DIODE	
D7821	B0BA01400009	DIODE	
D7822	B0BA01400009	DIODE	
D7823	B0BA01400009	DIODE	
D7824	B0BA01400009	DIODE	
D7851	MA3X152E0L	DIODE	
D7852	MA3X152E0L	DIODE	
D7853	MA3X157A0L	DIODE	
D7854	MA3X157A0L	DIODE	
D7855	B0AACK000004	DIODE	
D7856	MA3X157A0L	DIODE	
D7857	MA3X157A0L	DIODE	
D7858	MA3X152E0L	DIODE	
D7859	MA3X152E0L	DIODE	
D7860	B0AACK000004	DIODE	
D7861	MA3X152E0L	DIODE	
D7862	MA3X152E0L	DIODE	
D7871	MAZ81200ML	DIODE	

18.2.4. Coil

Ref. No.	Part No.	Part Name & Description	Remarks
J224	EXCELSA35T	COIL	
J419	EXCELSA39V	COIL	
L1100	J0JYC0000068	COIL	
L2001	G1C150KA0038	COIL	
L2010	G1C220MA0291	COIL	
L2012	G1C220MA0291	COIL	
L2014	G1C220MA0291	COIL	
L2016	G1C220MA0291	COIL	
L2018	J0JHC0000042	COIL	
L2032	J0JYC0000068	COIL	
L2041	J0JHC0000078	COIL	
L2042	J0JHC0000078	COIL	
L2043	J0JHC0000078	COIL	
L2044	J0JHC0000078	COIL	
L2750	J0JYC0000065	FERRITE CORE	
L2751	J0JYC0000065	FERRITE CORE	
L2752	J0JYC0000065	FERRITE CORE	
L2754	J0JYC0000065	FERRITE CORE	
L2755	J0JYC0000065	FERRITE CORE	
L2756	J0JYC0000065	FERRITE CORE	
L2758	J0JCC0000278	COIL	
L2901	J0JCC0000278	COIL	
L2902	J0JCC0000269	COIL	
L2904	J0JCC0000269	COIL	
L2907	J0JCC0000063	COIL	
L2908	J0JCC0000063	COIL	
L3002	J0JCC0000287	COIL	

Ref. No.	Part No.	Part Name & Description	Remarks
L3003	J0JCC0000287	COIL	
L3010	J0JCC0000287	COIL	
L3011	J0JCC0000287	COIL	
L3014	J0JCC0000287	COIL	
L3015	J0JCC0000287	COIL	
L3017	J0JCC0000287	COIL	
L3019	J0JCC0000287	COIL	
L3026	J0JCC0000287	COIL	
L3027	J0JCC0000287	COIL	
L3028	J0JCC0000287	COIL	
L3029	J0JCC0000287	COIL	
L3030	J0JCC0000287	COIL	
L3034	J0JCC0000364	COIL	
L3035	J0JCC0000364	COIL	
L4200	J0JYC0000068	COIL	
L4202	J0JHC0000045	COIL	
L4203	J0JHC0000045	COIL	
L4204	J0JHC0000045	COIL	
L4205	J0JHC0000045	COIL	
L4206	J0JHC0000045	COIL	
L4207	J0JHC0000045	COIL	
L4208	J0JHC0000045	COIL	
L4209	J0JHC0000045	COIL	
L4210	J0JHC0000045	COIL	
L4211	J0JHC0000045	COIL	
L4504	J0JYC0000068	COIL	
L4505	J0JYC0000068	COIL	
L4506	J0JYC0000068	COIL	
L4507	J0JYC0000068	COIL	
L4511	J0JYC0000068	COIL	
L4512	J0JCC0000059	COIL	
L4513	J0JCC0000059	COIL	
L4514	J0JYC0000068	COIL	
L4515	J0JYC0000068	COIL	
L4516	J0JYC0000068	COIL	
L4517	J0JYC0000068	COIL	
L4518	J0JYC0000068	COIL	
L4519	J0JYC0000068	COIL	
L4523	J0JYC0000068	COIL	
L4525	J0JYC0000068	COIL	
L4526	J0JYC0000068	COIL	
L4527	J0JYC0000068	COIL	
L4528	J0JYC0000068	COIL	
L4529	J0JYC0000068	COIL	
L4530	J0JYC0000068	COIL	
L4531	J0JYC0000068	COIL	
L4900	J0JYC0000068	COIL	
L4901	G1C100MA0072	COIL	
L4902	D0GBR00Z0002	M 0 OHM J 1/16W	
L5430	J0JHC0000045	COIL	
L5443	G1C470MA0077	COIL	
L5444	G1C100MA0072	COIL	
L5480	J0JYC0000068	COIL	
L5481	J0JYC0000068	COIL	
L5500	G1C2R2Z00007	COIL	
L5501	G1C2R2Z00007	COIL	
L5504	G1C100MA0203	COIL	
L5533	J0JHC0000045	COIL	
L5534	J0JYC0000068	COIL	
L5600	G1C2R2Z00007	COIL	
L5601	G1C3R3Z00004	COIL	

Ref. No.	Part No.	Part Name & Description	Remarks
L5602	G1C4R7Z00014	COIL	
L5604	G1C100MA0203	COIL	
L5608	G1C100MA0077	COIL	
L7151	EXCELDR35V	COIL	
L7152	EXCELDR35V	COIL	
L7202	EXCELDR35V	COIL	
L7203	EXCELSA35T	COIL	
L7204	EXCELDR35V	COIL	
L7205	EXCELDR35V	COIL	
L7301	EXCELSA35T	COIL	
L7801	EXCELDR35V	COIL	
L7802	EXCELDR35V	COIL	
L7803	EXCELDR35V	COIL	
L7804	EXCELDR35V	COIL	
L8001	J0JHC0000045	COIL	
L8002	J0JHC0000045	COIL	
L8003	J0JHC0000045	COIL	
L8004	J0JHC0000045	COIL	
L8005	J0JHC0000045	COIL	
L8007	J0JHC0000045	COIL	
L8008	J0JHC0000045	COIL	
L8009	J0JHC0000045	COIL	
L8010	J0JHC0000045	COIL	
L8011	J0JHC0000045	COIL	
L8012	J0JHC0000045	COIL	
L8013	J0JHC0000045	COIL	
L8052	ERJ2GE0R00X	M 0 OHM 1/4W	
L8053	ERJ2GE0R00X	M 0 OHM 1/4W	
L8301	J0JHC0000045	COIL	
L8303	G1CR15JA0020	COIL	
L8304	J0JHC0000045	COIL	
L8501	J0JHC0000045	COIL	
L8580	J0JHC0000075	COIL	
FL4900	EXC28CE201U	COIL	
FL4901	EXC28CE201U	COIL	
FL4902	EXC28CE201U	COIL	
FL4903	EXC28CE201U	COIL	
FL4904	EXC28CE201U	COIL	
FL4905	EXC28CE201U	COIL	
LF7101	G0B103H00009	COIL	⚠
LF7102	G0B103H00009	COIL	⚠
LF7103	G0B103H00009	COIL	⚠
T7202	G4DYA0000157	TRANSFORMER	⚠
T7301	G4DYA0000158	TRANSFORMER	⚠
T7401	G4DYA0000159	TRANSFORMER	⚠
T7801	G4FYC0000001	TRANSFORMER	⚠
T7802	G4FYC0000001	TRANSFORMER	⚠
T7803	G4BYA0000022	TRANSFORMER	⚠

18.2.5. Resistor

Ref. No.	Part No.	Part Name & Description	Remarks
R0180	ERJ2GEJ101X	M 100 OHM J 1/4W	
R0900	ERJ2GEJ680X	M 68 OHM J 1/4W	
R0901	EXB28V680JX	RESISTOR 68 OHM	
R0902	ERJ2GEJ103X	M 10K OHM J 1/4W	
R0905	ERJ2GEJ103X	M 10K OHM J 1/4W	
R0906	ERJ2GEJ103X	M 10K OHM J 1/4W	

Ref. No.	Part No.	Part Name & Description	Remarks
R0907	ERJ2GEJ103X	M 10K OHM J 1/4W	
R0909	ERJ2GEJ220X	M 22 OHM J 1/4W	
R0910	ERJ2GEJ220X	M 22 OHM J 1/4W	
R0911	ERJ2GEJ220X	M 22 OHM J 1/4W	
R0912	ERJ2GEJ220X	M 22 OHM J 1/4W	
R0913	ERJ2GEJ220X	M 22 OHM J 1/4W	
R0914	ERJ2GEJ220X	M 22 OHM J 1/4W	
R0915	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R0916	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R0917	ERJ2GEJ220X	M 22 OHM J 1/4W	
R0918	ERJ2GEJ220X	M 22 OHM J 1/4W	
R0919	ERJ2GEJ220X	M 22 OHM J 1/4W	
R0920	ERJ2GEJ220X	M 22 OHM J 1/4W	
R0927	ERJ2GEJ220X	M 22 OHM J 1/4W	
R0928	ERJ2GEJ220X	M 22 OHM J 1/4W	
R0929	ERJ2GEJ220X	M 22 OHM J 1/4W	
R0930	ERJ2GEJ220X	M 22 OHM J 1/4W	
R0931	ERJ2GEJ680X	M 68 OHM J 1/4W	
R0932	ERJ2GEJ680X	M 68 OHM J 1/4W	
R0935	ERJ2GEJ220X	M 22 OHM J 1/4W	
R0936	ERJ2GEJ220X	M 22 OHM J 1/4W	
R0937	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R0938	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R0941	ERJ2GEJ561X	M 560 OHM J 1/16W	
R0942	ERJ2GEJ561X	M 560 OHM J 1/16W	
R0945	ERJ2GEJ220X	M 22 OHM J 1/4W	
R0946	ERJ2GEJ220X	M 22 OHM J 1/4W	
R0947	ERJ2GEJ680X	M 68 OHM J 1/4W	
R0948	ERJ2GEJ680X	M 68 OHM J 1/4W	
R0949	ERJ2GEJ680X	M 68 OHM J 1/4W	
R0950	ERJ2GEJ680X	M 68 OHM J 1/4W	
R0951	ERJ2GEJ680X	M 68 OHM J 1/4W	
R0952	ERJ2GEJ680X	M 68 OHM J 1/4W	
R0953	ERJ2GEJ680X	M 68 OHM J 1/4W	
R0954	ERJ2GEJ680X	M 68 OHM J 1/4W	
R0955	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R0956	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R0957	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R0958	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R0959	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R0960	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R0961	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R0962	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R0972	ERJ2GEJ680X	M 68 OHM J 1/4W	
R0973	EXB28V680JX	RESISTOR 68 OHM	
R0974	ERJ2GEJ102X	M 1K OHM J 1/4W	
R0975	ERJ2GEJ103X	M 10K OHM J 1/4W	
R0976	ERJ2GEJ103X	M 10K OHM J 1/4W	
R0977	ERJ2GEJ103X	M 10K OHM J 1/4W	
R0980	ERJ2GEJ103X	M 10K OHM J 1/4W	
R1100	ERJ2GEJ101X	M 100 OHM J 1/4W	
R1101	ERJ2GEJ101X	M 100 OHM J 1/4W	
R1102	ERJ2GEJ101X	M 100 OHM J 1/4W	
R1103	ERJ2GEJ330X	M 33 OHM J 1/4W	
R1105	ERJ2GEJ101X	M 100 OHM J 1/4W	
R1106	ERJ2GEJ101X	M 100 OHM J 1/4W	
R1107	ERJ2GEJ101X	M 100 OHM J 1/4W	
R1108	ERJ2GEJ101X	M 100 OHM J 1/4W	
R1109	ERJ2GEJ101X	M 100 OHM J 1/4W	
R1153	ERJ2GEJ821X	M 820 OHM J 1/4W	
R1173	ERJ2GEJ331X	M 330 OHM J 1/4W	

Ref. No.	Part No.	Part Name & Description	Remarks
R1182	ERJ2GEJ273X	M 27K OHM J 1/4W	
R1203	ERJ2GEJ473X	M 47K OHM J	
R1209	ERJ2GEJ473X	M 47K OHM J	
R1221	D1BB7151A055	M 7.15K OHM F 1/10W	
R1224	ERJ2GEJ103X	M 10K OHM J 1/4W	
R1225	ERJ2GEJ103X	M 10K OHM J 1/4W	
R1236	ERJ2GEJ473X	M 47K OHM J	
R1237	ERJ2GEJ102X	M 1K OHM J 1/4W	
R1243	ERJ2GEJ473X	M 47K OHM J	
R1255	ERJ2GEJ102X	M 1K OHM J 1/4W	
R1400	ERJ2GEJ103X	M 10K OHM J 1/4W	
R1401	ERJ2GEJ104X	M 100K OHM J 1/4W	
R1402	ERJ2GEJ683X	M 68K OHM J 1/4W	
R1403	ERJ2GEJ333X	M 33K OHM J 1/4W	
R1404	ERJ2GEJ683X	M 68K OHM J 1/4W	
R1405	ERJ2GEJ223X	M 22K OHM J 1/4W	
R1406	ERJ2GEJ683X	M 68K OHM J 1/4W	
R1407	ERJ2GEJ473X	M 47K OHM J	
R1409	ERJ2GEJ473X	M 47K OHM J	
R1410	ERJ2GEJ103X	M 10K OHM J 1/4W	
R1411	ERJ2GEJ104X	M 100K OHM J 1/4W	
R1422	ERJ2GEJ182X	M 1.8K OHM J 1/4W	
R1423	ERJ2GEJ473X	M 47K OHM J	
R2002	ERJ2GEJ102X	M 1K OHM J 1/4W	
R2003	ERJ2GEJ105X	M 1M OHM J 1/4W	
R2006	ERJ2GEJ471X	M 470 OHM J 1/16W	
R2007	ERJ2GEJ221X	M 220 OHM J 1/4W	
R2008	ERJ2GEJ471X	M 470 OHM J 1/16W	
R2015	ERJ2GEJ103X	M 10K OHM J 1/4W	
R2016	ERJ2GEJ103X	M 10K OHM J 1/4W	
R2017	ERJ2GEJ103X	M 10K OHM J 1/4W	
R2018	ERJ2GEJ103X	M 10K OHM J 1/4W	
R2019	D1BB2002A055	M 20K OHM F 1/10W	
R2020	D1BB2001A055	M 2K OHM F 1/10W	
R2023	ERJ2GEJ103X	M 10K OHM J 1/4W	
R2047	D1BB2802A055	M 28K OHM F 1/10W	
R2048	D1BB2802A055	M 28K OHM F 1/10W	
R2050	D1BB2802A055	M 28K OHM F 1/10W	
R2051	D1BB2802A055	M 28K OHM F 1/10W	
R2092	ERJ2GEJ103X	M 10K OHM J 1/4W	
R2093	ERJ2GEJ103X	M 10K OHM J 1/4W	
R2110	ERJ2GEJ101X	M 100 OHM J 1/4W	
R2111	ERJ2GEJ101X	M 100 OHM J 1/4W	
R2114	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R2115	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R2118	ERJ2GEJ471X	M 470 OHM J 1/16W	
R2119	ERJ2GEJ105X	M 1M OHM J 1/4W	
R2120	ERJ2GEJ473X	M 47K OHM J	
R2121	ERJ8GEYJ3R3V	M 3.3 OHM J 1/10W	
R2122	ERJ2GEJ102X	M 1K OHM J 1/4W	
R2123	ERJ8GEYJ3R3V	M 3.3 OHM J 1/10W	
R2124	ERJ2GEJ103X	M 10K OHM J 1/4W	
R2125	ERJ8GEYJ3R3V	M 3.3 OHM J 1/10W	
R2127	ERJ8GEYJ3R3V	M 3.3 OHM J 1/10W	
R2129	ERJ2GEJ100X	M 10 OHM J 1/4W	
R2132	ERJ2GEJ471X	M 470 OHM J 1/16W	
R2137	ERJ2GEJ100X	M 10 OHM J 1/4W	
R2141	ERJ2GEJ102X	M 1K OHM J 1/4W	
R2142	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R2172	ERJ2GEJ680X	M 68 OHM J 1/4W	
R2190	ERJ2GEJ103X	M 10K OHM J 1/4W	

Ref. No.	Part No.	Part Name & Description	Remarks
R2316	EXB28V220JX	RESISTOR 22 OHM	
R2500	ERJ2RKF3000X	M 300 OHM F 1/16W	
R2502	ERJ2GEJ473X	M 47K OHM J	
R2504	ERJ2GEJ223X	M 22K OHM J 1/4W	
R2507	ERJ2GEJ473X	M 47K OHM J	
R2508	ERJ2GEJ103X	M 10K OHM J 1/4W	
R2509	ERJ2RKF5760X	M 576 OHM F 1/16W	
R2512	ERJ2GEJ470X	M 47 OHM J 1/4W	
R2514	ERJ2RKF1802X	M 18K OHM F 1/16W	
R2515	ERJ2RKF4702X	M 47K OHM F 1/16W	
R2516	ERJ2GEJ473X	M 47K OHM J	
R2517	ERJ2GEJ104X	M 100K OHM J 1/4W	
R2518	ERJ2GEJ103X	M 10K OHM J 1/4W	
R2519	D0GA102JA015	M 1000 OHM J 1/16W	
R2520	D0GA104JA015	M 100K OHM J 1/16W	
R2521	D0GA102JA015	M 1000 OHM J 1/16W	
R2522	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R2523	ERJ2GEJ223X	M 22K OHM J 1/4W	
R2524	ERJ2GEJ121X	M 120 OHM J 1/16W	
R2601	D1BD1741A044	M 1.74K OHM 1/10W	
R2602	D1BD7151A044	M 7.15K OHM 1/10W	
R2603	D1BD6651A044	M 6.65K OHM 1/10W	
R2604	D1BD1432A044	M 14.3K OHM 1/10W	
R2755	ERJ2GEJ473X	M 47K OHM J	
R2756	ERJ2GEJ101X	M 100 OHM J 1/4W	
R2758	ERJ2GEJ101X	M 100 OHM J 1/4W	
R2759	ERJ2GEJ101X	M 100 OHM J 1/4W	
R2760	ERJ2GEJ101X	M 100 OHM J 1/4W	
R2761	ERJ2GEJ101X	M 100 OHM J 1/4W	
R2762	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R2763	ERJ2GEJ473X	M 47K OHM J	
R2764	ERJ2GEJ473X	M 47K OHM J	
R2768	ERJ2GEJ473X	M 47K OHM J	
R2774	ERJ2GEJ473X	M 47K OHM J	
R2777	ERJ2GEJ103X	M 10K OHM J 1/4W	
R2778	ERJ2GEJ103X	M 10K OHM J 1/4W	
R2779	D0GB751JA041	M 750 OHM J 1/16W	
R2780	D0GB751JA041	M 750 OHM J 1/16W	
R2915	ERJ2GEJ221X	M 220 OHM J 1/4W	
R2930	ERJ2GEJ153X	M 15K OHM J 1/4W	
R3000	ERJ2GEJ223X	M 22K OHM J 1/4W	
R3001	ERJ2GEJ223X	M 22K OHM J 1/4W	
R3004	ERJ2GEJ223X	M 22K OHM J 1/4W	
R3005	ERJ2GEJ223X	M 22K OHM J 1/4W	
R3019	ERJ2GEJ101X	M 100 OHM J 1/4W	
R3021	ERJ2GEJ101X	M 100 OHM J 1/4W	
R3024	ERJ2GEJ104X	M 100K OHM J 1/4W	
R3025	ERJ2GEJ104X	M 100K OHM J 1/4W	
R3033	ERJ2GEJ221X	M 220 OHM J 1/4W	
R3034	ERJ2GEJ221X	M 220 OHM J 1/4W	
R3043	ERJ2GEJ221X	M 220 OHM J 1/4W	
R3045	ERJ2GEJ221X	M 220 OHM J 1/4W	
R3047	ERJ2GEJ221X	M 220 OHM J 1/4W	
R3048	ERJ2GEJ221X	M 220 OHM J 1/4W	
R3049	ERJ2GEJ221X	M 220 OHM J 1/4W	
R3050	ERJ2GEJ221X	M 220 OHM J 1/4W	
R3075	D1BD75R0A044	M 75 OHM 1/10W	
R3076	D1BD75R0A044	M 75 OHM 1/10W	
R3078	D1BD75R0A044	M 75 OHM 1/10W	
R3084	D1BD75R0A044	M 75 OHM 1/10W	
R3085	D1BD75R0A044	M 75 OHM 1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R3086	D1BD75R0A044	M 75 OHM 1/10W	
R3097	D1BD75R0A044	M 75 OHM 1/10W	
R3101	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R3103	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R3118	ERJ2GEJ221X	M 220 OHM J 1/4W	
R3119	ERJ2GEJ221X	M 220 OHM J 1/4W	
R3120	ERJ2GEJ331X	M 330 OHM J 1/4W	
R3121	D1BD75R0A044	M 75 OHM 1/10W	
R3123	ERJ2GEJ221X	M 220 OHM J 1/4W	
R3124	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R3125	ERJ2GEJ221X	M 220 OHM J 1/4W	
R3128	ERJ2GEJ221X	M 220 OHM J 1/4W	
R3129	ERJ2GEJ221X	M 220 OHM J 1/4W	
R3132	ERJ2GEJ820X	M 82 OHM J 1/4W	
R3133	ERJ2GEJ820X	M 82 OHM J 1/4W	
R3134	ERJ2GEJ820X	M 82 OHM J 1/4W	
R3138	ERJ2GEJ820X	M 82 OHM J 1/4W	
R3139	ERJ2GEJ820X	M 82 OHM J 1/4W	
R3140	ERJ2GEJ820X	M 82 OHM J 1/4W	
R3146	ERJ2GEJ331X	M 330 OHM J 1/4W	
R3167	D1BD75R0A044	M 75 OHM 1/10W	
R3169	ERJ2GEJ104X	M 100K OHM J 1/4W	
R3186	D1BD75R0A044	M 75 OHM 1/10W	
R3187	D1BD75R0A044	M 75 OHM 1/10W	
R3188	D1BD75R0A044	M 75 OHM 1/10W	
R3189	ERJ2GEJ680X	M 68 OHM J 1/4W	
R3190	ERJ2GEJ680X	M 68 OHM J 1/4W	
R3191	ERJ2GEJ680X	M 68 OHM J 1/4W	
R3223	ERJ2GEJ680X	M 68 OHM J 1/4W	
R3225	ERJ2GEJ680X	M 68 OHM J 1/4W	
R3226	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R3227	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R3230	D1BD75R0A044	M 75 OHM 1/10W	
R3232	D1BD75R0A044	M 75 OHM 1/10W	
R3234	D1BD75R0A044	M 75 OHM 1/10W	
R3236	ERJ2GEJ680X	M 68 OHM J 1/4W	
R3237	ERJ2GEJ680X	M 68 OHM J 1/4W	
R3240	ERJ2GEJ221X	M 220 OHM J 1/4W	
R3287	ERJ2GEJ473X	M 47K OHM J	
R3288	ERJ2GEJ473X	M 47K OHM J	
R3289	ERJ2GEJ220X	M 22 OHM J 1/4W	
R3308	ERJ2GEJ223X	M 22K OHM J 1/4W	
R3309	ERJ2GEJ223X	M 22K OHM J 1/4W	
R4200	ERJ2GEJ101X	M 100 OHM J 1/4W	
R4201	D1BB2700A055	M 270 OHM F 1/10W	
R4202	D1BB2700A055	M 270 OHM F 1/10W	
R4207	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4208	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4209	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4210	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4211	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4212	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4213	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4214	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4215	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4216	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4217	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4218	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4219	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4220	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4221	ERJ2GEJ470X	M 47 OHM J 1/4W	

Ref. No.	Part No.	Part Name & Description	Remarks
R4222	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4223	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4224	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4225	ERJ2GEJ221X	M 220 OHM J 1/4W	
R4226	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4228	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4229	ERJ2GEJ470X	M 47 OHM J 1/4W	
R4230	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4231	ERJ2RKF75R0X	M 75 OHM F 1/16W	
R4232	ERJ2GEJ301X	M 300 OHM J 1/4W	
R4234	ERJ2GEJ221X	M 220 OHM J 1/4W	
R4235	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4236	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4238	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4244	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4245	EXB28V473JX	RESISTOR 47K OHM	
R4246	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4247	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4248	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4249	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4250	EXB28V680JX	RESISTOR 68 OHM	
R4251	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4252	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4253	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4254	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4255	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4256	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4257	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4306	ERJ2GEJ101X	M 100 OHM J 1/4W	
R4307	ERJ2GEJ334X	M 330K OHM J 1/4W	
R4352	ERJ2GEJ473X	M 47K OHM J	
R4357	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4358	ERJ2GEJ473X	M 47K OHM J	
R4359	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4415	ERJ2GEJ330X	M 33 OHM J 1/4W	
R4416	ERJ2GEJ330X	M 33 OHM J 1/4W	
R4417	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4419	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4420	J0JYC0000065	FERRITE CORE	
R4421	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4422	ERJ2GEJ473X	M 47K OHM J	
R4424	EXB2HV680JV	RESISTOR 68 OHM	
R4425	EXB28V680JX	RESISTOR 68 OHM	
R4426	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4427	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4428	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4429	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4434	ERJ2GEJ473X	M 47K OHM J	
R4435	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4436	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4443	ERJ2GEJ101X	M 100 OHM J 1/4W	
R4444	ERJ2GEJ101X	M 100 OHM J 1/4W	
R4445	ERJ2GEJ101X	M 100 OHM J 1/4W	
R4446	ERJ2GEJ101X	M 100 OHM J 1/4W	
R4447	ERJ2GEJ101X	M 100 OHM J 1/4W	
R4448	ERJ2GEJ101X	M 100 OHM J 1/4W	
R4449	EXB28VR000X	RESISTOR 0 OHM	
R4450	EXB28VR000X	RESISTOR 0 OHM	
R4451	EXB28VR000X	RESISTOR 0 OHM	
R4453	ERJ2GEJ473X	M 47K OHM J	

Ref. No.	Part No.	Part Name & Description	Remarks
R4460	ERJ2GEJ181X	M 180 OHM J 1/4W	
R4461	ERJ2GEJ181X	M 180 OHM J 1/4W	
R4462	ERJ2GEJ181X	M 180 OHM J 1/4W	
R4463	ERJ2GEJ181X	M 180 OHM J 1/4W	
R4464	ERJ2GEJ181X	M 180 OHM J 1/4W	
R4465	ERJ2GEJ181X	M 180 OHM J 1/4W	
R4500	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4501	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4502	ERJ2GEJ330X	M 33 OHM J 1/4W	
R4503	ERJ2GEJ330X	M 33 OHM J 1/4W	
R4504	ERJ2GEJ102X	M 1K OHM J 1/4W	
R4505	ERJ2GEJ102X	M 1K OHM J 1/4W	
R4506	ERJ2GEJ332X	M 3.3K OHM J 1/4W	
R4507	ERJ2GEJ332X	M 3.3K OHM J 1/4W	
R4524	ERJ2GEJ562X	M 5.6K OHM J 1/4W	
R4525	ERJ2GEJ562X	M 5.6K OHM J 1/4W	
R4528	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4529	ERJ2GEJ473X	M 47K OHM J	
R4530	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4531	ERJ2GEJ473X	M 47K OHM J	
R4532	ERJ2GEJ473X	M 47K OHM J	
R4533	ERJ2GEJ473X	M 47K OHM J	
R4538	ERJ2GEJ473X	M 47K OHM J	
R4540	ERJ2GEJ473X	M 47K OHM J	
R4587	D1BB60400001	M 604 OHM F 1/10W	
R4588	D1BB8060A055	M 806 OHM F 1/10W	
R4589	D1BB8060A055	M 806 OHM F 1/10W	
R4592	D1BB8060A055	M 806 OHM F 1/10W	
R4593	D1BB2201A055	M 20K OHM F 1/10W	
R4596	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R4597	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R4598	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R4599	ERJ2GEJ220X	M 22 OHM J 1/4W	
R4600	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4601	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R4602	ERJ2GEJ330X	M 33 OHM J 1/4W	
R4603	ERJ2GEJ102X	M 1K OHM J 1/4W	
R4604	ERJ2GEJ332X	M 3.3K OHM J 1/4W	
R4605	D1BB2201A055	M 20K OHM F 1/10W	
R4607	ERJ2GEJ562X	M 5.6K OHM J 1/4W	
R4608	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R4609	ERJ2GEJ122X	M 1.2K OHM J 1/4W	
R4614	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4615	ERJ2GEJ473X	M 47K OHM J	
R4617	ERJ2GEJ473X	M 47K OHM J	
R4620	ERJ2GEJ473X	M 47K OHM J	
R4624	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4626	D1BB2200A055	M 220 OHM F 1/10W	
R4627	D1BB2200A055	M 220 OHM F 1/10W	
R4631	D1BB4990A055	M 499 OHM F 1/10W	
R4634	D1BB2200A055	M 220 OHM F 1/10W	
R4635	EXB28V680JX	RESISTOR 68 OHM	
R4636	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4637	ERJ2GEJ473X	M 47K OHM J	
R4638	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4639	EXB28V680JX	RESISTOR 68 OHM	
R4640	EXB28V680JX	RESISTOR 68 OHM	
R4642	ERJ2GEJ473X	M 47K OHM J	
R4645	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4646	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4648	EXB28V330JX	RESISTOR 33 OHM	

Ref. No.	Part No.	Part Name & Description	Remarks
R4649	EXB28V680JX	RESISTOR 68 OHM	
R4650	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4651	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4652	ERJ2GEJ473X	M 47K OHM J	
R4654	ERJ2GEJ473X	M 47K OHM J	
R4656	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R4664	D1BB60400001	M 604 OHM F 1/10W	
R4665	ERJ2GEJ473X	M 47K OHM J	
R4666	ERJ2GEJ473X	M 47K OHM J	
R4674	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4677	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4678	EXB28V680JX	RESISTOR 68 OHM	
R4679	EXB28V680JX	RESISTOR 68 OHM	
R4698	ERJ2GEJ104X	M 100K OHM J 1/4W	
R4699	ERJ2GEJ104X	M 100K OHM J 1/4W	
R4707	ERJ2GEJ473X	M 47K OHM J	
R4728	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4729	ERJ2GEJ330X	M 33 OHM J 1/4W	
R4732	ERJ2GEJ332X	M 3.3K OHM J 1/4W	
R4733	ERJ2GEJ562X	M 5.6K OHM J 1/4W	
R4734	ERJ2GEJ102X	M 1K OHM J 1/4W	
R4735	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4736	ERJ2GEJ473X	M 47K OHM J	
R4738	ERJ2GEJ473X	M 47K OHM J	
R4739	ERJ2GEJ473X	M 47K OHM J	
R4799	EXB28V680JX	RESISTOR 68 OHM	
R4850	ERJ2GEJ151X	M 150 OHM J 1/4W	
R4851	ERJ2GEJ151X	M 150 OHM J 1/4W	
R4852	ERJ2GEJ151X	M 150 OHM J 1/4W	
R4853	ERJ2GEJ151X	M 150 OHM J 1/4W	
R4854	ERJ2GEJ151X	M 150 OHM J 1/4W	
R4855	ERJ2GEJ151X	M 150 OHM J 1/4W	
R4856	ERJ2GEJ151X	M 150 OHM J 1/4W	
R4857	ERJ2GEJ151X	M 150 OHM J 1/4W	
R4858	ERJ2GEJ151X	M 150 OHM J 1/4W	
R4859	ERJ2GEJ151X	M 150 OHM J 1/4W	
R4860	ERJ2GEJ151X	M 150 OHM J 1/4W	
R4861	ERJ2GEJ151X	M 150 OHM J 1/4W	
R4903	ERJ2GEJ473X	M 47K OHM J	
R4906	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4907	ERJ2GEJ102X	M 1K OHM J 1/4W	
R4908	ERJ2GEJ473X	M 47K OHM J	
R4909	ERJ2GEJ302X	M 3K OHM J 1/4W	
R4912	ERJ2GEJ102X	M 1K OHM J 1/4W	
R4913	ERJ2GEJ102X	M 1K OHM J 1/4W	
R4914	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4915	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4916	ERJ2GEJ473X	M 47K OHM J	
R4917	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4918	ERJ2GEJ102X	M 1K OHM J 1/4W	
R4919	ERJ2GEJ103X	M 10K OHM J 1/4W	
R4920	ERJ2GEJ473X	M 47K OHM J	
R4921	ERJ2GEJ473X	M 47K OHM J	
R4923	D1BD4871A044	M 4.87K OHM 1/10W	
R4924	ERJ2GEJ274X	M 270K OHM J 1/16W	
R4925	ERJ2GEJ102X	M 1K OHM J 1/4W	
R4926	ERJ2RKF3901X	M 3.9K OHM J 1/16W	
R4927	ERJ2GEJ100X	M 10 OHM J 1/4W	
R4928	ERJ2GEJ680X	M 68 OHM J 1/4W	
R4929	ERJ2GEJ680X	M 68 OHM J 1/4W	
R5361	ERJ2GEJ473X	M 47K OHM J	

Ref. No.	Part No.	Part Name & Description	Remarks
R5407	ERJ2GEJ103X	M 10K OHM J 1/4W	
R5408	ERJ2GEJ473X	M 47K OHM J	
R5409	ERJ2GEJ103X	M 10K OHM J 1/4W	
R5410	ERJ2GEJ103X	M 10K OHM J 1/4W	
R5411	ERJ2RKF3001X	M 3K OHM J 1/16W	
R5412	ERJ2RKF1001X	M 1K OHM J 1/16W	
R5414	ERJ2RKF6342X	M 63.4K OHM F 1/16W	
R5415	ERJ2RKF1002X	M 10K OHM F 1/16W	
R5421	ERJ2GEJ103X	M 10K OHM J 1/4W	
R5422	ERJ2GEJ473X	M 47K OHM J	
R5423	ERJ2GEJ563X	M 56K OHM J 1/4W	
R5424	ERJ2GEJ223X	M 22K OHM J 1/4W	
R5425	ERJ2GEJ103X	M 10K OHM J 1/4W	
R5431	ERJ2GEJ103X	M 10K OHM J 1/4W	
R5432	ERJ2GEJ473X	M 47K OHM J	
R5433	ERJ2GEJ333X	M 33K OHM J 1/4W	
R5434	ERJ2GEJ223X	M 22K OHM J 1/4W	
R5435	ERJ12YJ471U	M 470 OHM J 1/2W	
R5441	D1BD8202A044	M 82K OHM 1/10W	
R5442	D1BD1602A044	M 16K OHM 1/10W	
R5461	ERJ2GEJ473X	M 47K OHM J	
R5462	ERJ2GEJ274X	M 270K OHM J 1/16W	
R5463	ERJ2GEJ105X	M 1M OHM J 1/4W	
R5469	ERJ2GEJ203X	M 20K OHM J 1/4W	
R5470	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R5475	ERJ2GEJ103X	M 10K OHM J 1/4W	
R5476	ERJ2GEJ153X	M 15K OHM J 1/4W	
R5480	ERJ2GEJ473X	M 47K OHM J	
R5481	ERJ2GEJ101X	M 100 OHM J 1/4W	
R5482	ERJ2GEJ470X	M 47 OHM J 1/4W	
R5483	ERJ2GEJ563X	M 56K OHM J 1/4W	
R5484	ERJ2GEJ203X	M 20K OHM J 1/4W	
R5485	ERJ2GEJ101X	M 100 OHM J 1/4W	
R5486	ERJ2GEJ103X	M 10K OHM J 1/4W	
R5487	ERJ2GEJ473X	M 47K OHM J	
R5488	ERJ2GEJ183X	M 18K OHM J 1/4W	
R5489	ERJ2GEJ333X	M 33K OHM J 1/4W	
R5490	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R5491	ERJ6GEYJ331V	M 330 OHM J 1/10W	
R5492	ERJ2GEJ680X	M 68 OHM J 1/4W	
R5493	ERJ2GEJ223X	M 22K OHM J 1/4W	
R5494	ERJ2GEJ683X	M 68K OHM J 1/4W	
R5495	ERJ2GEJ103X	M 10K OHM J 1/4W	
R5496	ERJ2GEJ473X	M 47K OHM J	
R5497	ERJ2GEJ473X	M 47K OHM J	
R5499	ERJ2GEJ102X	M 1K OHM J 1/4W	
R5501	ERJ2GEJ103X	M 10K OHM J 1/4W	
R5502	ERJ2GEJ473X	M 47K OHM J	
R5503	ERJ2GEJ104X	M 100K OHM J 1/4W	
R5504	ERJ2GEJ473X	M 47K OHM J	
R5505	ERJ2GEJ104X	M 100K OHM J 1/4W	
R5529	D1BB2702A055	M 27K OHM F 1/10W	
R5530	D1BB2402A055	M 24K OHM F 1/10W	
R5531	D1BB5102A055	M 51K OHM F 1/10W	
R5532	D1BB3002A055	M 30K OHM F 1/10W	
R5533	D1BB1602A055	C 16K OHM F 1/10W	
R5534	D1BB2402A055	M 24K OHM F 1/10W	
R5535	ERJ2GEJ5R6X	M 5.6 OHM J 1/16W	
R5536	ERJ2GEJ103X	M 10K OHM J 1/4W	
R5537	ERJ2GEJ473X	M 47K OHM J	
R5538	ERJ2GEJ104X	M 100K OHM J 1/4W	

Ref. No.	Part No.	Part Name & Description	Remarks
R5539	ERJ2GEJ473X	M 47K OHM J	
R5540	ERJ2GEJ104X	M 100K OHM J 1/4W	
R5556	ERJ2GEJ682X	M 6.8K OHM J	
R5557	ERJ2GEJ104X	M 100K OHM J 1/4W	
R5558	ERJ2GEJ331X	M 330 OHM J 1/4W	
R5559	ERJ2GEJ103X	M 10K OHM J 1/4W	
R5560	ERJ2GEJ104X	M 100K OHM J 1/4W	
R5561	ERJ2GEJ103X	M 10K OHM J 1/4W	
R5598	D0GB471JA041	M 470 OHM J 1/16W	
R5599	D0GB471JA041	M 470 OHM J 1/16W	
R5603	D1BB2402A055	M 24K OHM F 1/10W	
R5604	D1BB3901A055	C 3.9K OHM F 1/10W	
R5605	D1BB2201A055	M 20K OHM F 1/10W	
R5610	ERJ2GEJ5R6X	M 5.6 OHM J 1/16W	
R5620	ERJ2GEJ680X	M 68 OHM J 1/4W	
R5629	D1BB2101A055	C 2.1K OHM F 1/10W	
R5630	D1BB3301A055	M 3.3K OHM F 1/10W	
R5631	D1BB3901A055	C 3.9K OHM F 1/10W	
R5632	D1BB4021A055	M 4.02K OHM F 1/10W	
R5633	D1BB1602A055	C 16K OHM F 1/10W	
R5634	D1BB2402A055	M 24K OHM F 1/10W	
R5635	ERJ2GEJ5R6X	M 5.6 OHM J 1/16W	
R7101	ERC12ZGK105V	S 1M OHM K 1/2W	⚠
R7163	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R7201	D1BD3903A044	C 390K OHM F 1/8 W	
R7202	D1BD3903A044	C 390K OHM F 1/8 W	
R7203	D1BD3903A044	C 390K OHM F 1/8 W	
R7204	D1BD3903A044	C 390K OHM F 1/8 W	
R7205	D1BD3302A044	C 33K OHM F 1/8 W	
R7206	ERJ6GEYJ223V	M 22K OHM J 1/10W	
R7207	ERJ6GEYJ223V	M 22K OHM J 1/10W	
R7208	ERJ8GEYJ100V	M 100 OHM J 1/4W	
R7209	ERJ6GEYJ103V	M 10K OHM J 1/10W	
R7210	ERJ6GEYJ104V	M 100K OHM J 1/10W	
R7211	ERJ6GEYJ562V	M 5.6K OHM J 1/10W	
R7212	RD50SST471J	C 470 OHM J 1/2W	
R7213	ERJ6GEYJ681V	M 680 OHM J 1/10W	
R7214	ERJ8GEYJ101V	M 100 OHM J 1/4W	
R7215	RD50SST220J	C 22 OHM J 1/2W	
R7216	RD50SST220J	C 22 OHM J 1/2W	
R7217	ERJ6GEYJ104V	M 100K OHM J 1/10W	
R7218	ERX2SJR33P	M 0.33 OHM J 2W	
R7219	ERX2SJR33P	M 0.33 OHM J 2W	
R7220	ERX12SJR22P	M 0.22 OHM J 1/2W	
R7221	D1BD3903A044	C 390K OHM F 1/8 W	
R7222	D1BD3903A044	C 390K OHM F 1/8 W	
R7223	D1BD3903A044	C 390K OHM F 1/8 W	
R7224	D1BD3903A044	C 390K OHM F 1/8 W	
R7225	D1BD1802A044	M 18K OHM 1/10W	
R7226	D1BD1801A044	M 1.8K OHM 1/10W	
R7227	D1BD3903A044	C 390K OHM F 1/8 W	
R7228	D1BD3903A044	C 390K OHM F 1/8 W	
R7229	D1BD3903A044	C 390K OHM F 1/8 W	
R7230	D1BD3903A044	C 390K OHM F 1/8 W	
R7231	D1BD3903A044	C 390K OHM F 1/8 W	
R7232	D1BD3903A044	C 390K OHM F 1/8 W	
R7233	D1BD3903A044	C 390K OHM F 1/8 W	
R7234	D1BD3903A044	C 390K OHM F 1/8 W	
R7235	RD16ST101J	C 100 OHM J 1/4W	
R7301	ERX1SJR47P	M 0.47 OHM J 1W	
R7302	ERJ12YJ474U	M 470K OHM J 1/2W	

Ref. No.	Part No.	Part Name & Description	Remarks
R7303	ERG3SJ470P	M 47 OHM J 3W	
R7304	ERX1SJR68P	M 0.68 OHM J 1W	
R7306	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R7308	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R7309	RD50SST330J	C 33 OHM J 1/2W	
R7310	RD50SST100J	C 10 OHM J 1/2W	
R7312	ERJ6GEYJ101V	M 100 OHM J 1/10W	
R7317	D0XB106J0003	10M OHM 1W	⚠
R7318	ERJ6GEYJ683V	M 68K OHM J 1/10W	
R7401	ERF2AJ100P	W 10 OHM J 2W	
R7402	ERJ12YJ105U	M 1000K OHM J 1/2W	
R7403	RD50SST6R8J	C 6.8 OHM J 1/2W	
R7404	RD50SST6R8J	C 6.8 OHM J 1/2W	
R7405	RD50SST220J	C 22 OHM J 1/2W	
R7406	ERJ6GEYJ104V	M 100K OHM J 1/10W	
R7407	RD50SST100J	C 10 OHM J 1/2W	
R7409	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R7410	ERJ6GEYJ101V	M 100 OHM J 1/10W	
R7503	ERG2SJ102P	M 1K OHM J 2W	
R7505	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R7506	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R7507	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R7508	ERJ6GEYJ472V	M 4.7K OHM J 1/10W	
R7509	D1BD2201A044	M 2.2K OHM 1/10W	
R7510	D1BD3300A044	M 330 OHM 1/10W	
R7511	D1BD3301A044	C 3.3K OHM F 1/8 W	
R7512	ERJ6GEYJ101V	M 100 OHM J 1/10W	
R7513	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R7522	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R7523	ERG2SJ102P	M 1K OHM J 2W	
R7524	ERG2SJ102P	M 1K OHM J 2W	
R7601	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R7602	ERJ6GEYJ151V	M 150 OHM J 1/10W	
R7603	D1BD4700A044	C 470 OHM F 1/8 W	
R7604	D1BD5601A044	M 5.6K OHM 1/10W	
R7605	D1BD4701A044	M 4.7K OHM 1/10W	
R7606	ERJ6GEYJ472V	M 4.7K OHM J 1/10W	
R7609	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R7610	ERJ6GEYJ224V	M 220K OHM J 1/10W	
R7611	ERJ6GEYJ474V	M 470K OHM J 1/10W	
R7612	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7614	ERJ6GEYJ221V	M 220 OHM J 1/10W	
R7615	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R7616	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R7617	ERJ6GEYJ472V	M 4.7K OHM J 1/10W	
R7701	RD16ST101J	C 100 OHM J 1/4W	
R7702	ERJ12YJ154U	M 150K OHM J 1/2W	
R7703	ERJ12YJ154U	M 150K OHM J 1/2W	
R7704	ERJ6GEYJ472V	M 4.7K OHM J 1/10W	
R7705	ERJ6GEYJ103V	M 10K OHM J 1/10W	
R7706	ERJ6GEYJ124V	M 120K OHM J 1/10W	
R7707	ERJ6GEYJ101V	M 100 OHM J 1/10W	
R7708	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7709	ERJ6GEYJ153V	M 15K OHM J 1/10W	
R7710	ERJ6GEYJ334V	M 330K OHM J 1/10W	
R7711	ERJ6GEYJ154V	M 150K OHM J 1/10W	
R7712	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7713	ERJ6GEYJ472V	M 4.7K OHM J 1/10W	
R7714	ERJ6GEYJ472V	M 4.7K OHM J 1/10W	
R7715	ERJ6GEYJ101V	M 100 OHM J 1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R7716	ERJ6GEYJ472V	M 4.7K OHM J 1/10W	
R7717	ERJ6GEYJ153V	M 15K OHM J 1/10W	
R7718	ERJ6GEYJ823V	M 82K OHM J 1/10W	
R7719	ERJ6GEYJ223V	M 22K OHM J 1/10W	
R7720	ERJ6GEYJ101V	M 100 OHM J 1/10W	
R7721	ERJ6GEYJ472V	M 4.7K OHM J 1/10W	
R7722	ERJ6GEYJ103V	M 10K OHM J 1/10W	
R7723	ERJ8GEYJ100V	M 100 OHM J 1/4W	
R7724	ERJ6GEYJ823V	M 82K OHM J 1/10W	
R7725	ERJ6GEYJ223V	M 22K OHM J 1/10W	
R7726	ERJ6GEYJ101V	M 100 OHM J 1/10W	
R7727	ERJ6GEYJ472V	M 4.7K OHM J 1/10W	
R7728	ERJ6GEYJ103V	M 10K OHM J 1/10W	
R7729	ERJ6GEYJ100V	M 10 OHM J 1/10W	
R7735	ERJ6GEYJ103V	M 10K OHM J 1/10W	
R7801	ERJ6GEYJ220V	M 22 OHM J 1/10W	
R7802	ERJ6GEYJ821V	M 820 OHM J 1/10W	
R7803	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7804	ERJ6GEYJ220V	M 22 OHM J 1/10W	
R7805	ERJ6GEYJ821V	M 820 OHM J 1/10W	
R7806	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7807	ERJ6GEYJ220V	M 22 OHM J 1/10W	
R7808	ERJ6GEYJ821V	M 820 OHM J 1/10W	
R7809	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7810	ERJ6GEYJ220V	M 22 OHM J 1/10W	
R7811	ERJ6GEYJ821V	M 820 OHM J 1/10W	
R7812	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7813	ERJ6GEYJ472V	M 4.7K OHM J 1/10W	
R7814	ERJ6GEYJ1R0V	M 1 OHM J 1/10W	
R7815	ERJ6GEYJ273V	M 27K OHM J 1/10W	
R7816	ERJ6GEYJ222V	M 2.2K OHM J 1/10W	
R7817	ERJ6GEYJ222V	M 2.2K OHM J 1/10W	
R7818	ERJ6GEYJ103V	M 10K OHM J 1/10W	
R7819	ERJ6GEYJ103V	M 10K OHM J 1/10W	
R7851	ERG2SJ330P	M 33 OHM J 2W	
R7852	ERG2SJ330P	M 33 OHM J 2W	
R7855	ERJ6GEYJ101V	M 100 OHM J 1/10W	
R7856	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R7857	ERJ6GEYJ104V	M 100K OHM J 1/10W	
R7858	D1BD4702A044	M 47K OHM 1/10W	
R7860	D1BD4702A044	M 47K OHM 1/10W	
R7861	D1BD4702A044	M 47K OHM 1/10W	
R7862	D1BD2202A044	M 22K OHM 1/10W	
R7863	D1BD1003A044	C 100K OHM F 1/8W	
R7864	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7865	ERJ6GEYJ103V	M 10K OHM J 1/10W	
R7866	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7867	ERJ6GEYJ124V	M 120K OHM J 1/10W	
R7868	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7869	ERJ6GEYJ393V	M 39K OHM J 1/10W	
R7870	ERJ6GEYJ334V	M 330K OHM J 1/10W	
R7871	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7874	D1BD1003A044	C 100K OHM F 1/8W	
R7875	D1BD4703A044	C 470K OHM F 1/8 W	
R7876	ERJ6GEYJ474V	M 470K OHM J 1/10W	
R7877	D0GD105JA036	C 1000K OHM J 1/8W	
R7878	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7879	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7880	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7881	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7883	ERJ6GEYJ104V	M 100K OHM J 1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R7884	ERJ6GEYJ102V	M 1K OHM J 1/10W	
R7885	ERJ6GEYJ103V	M 10K OHM J 1/10W	
R7886	ERJ6GEYJ183V	M 18K OHM J 1/10W	
R7888	ERJ6GEYJ472V	M 4.7K OHM J 1/10W	
R7889	ERJ6GEYJ103V	M 10K OHM J 1/10W	
R7890	ERJ6GEYJ101V	M 100 OHM J 1/10W	
R7891	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7892	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7893	ERJ6GEYJ104V	M 100K OHM J 1/10W	
R7894	ERJ6GEYJ223V	M 22K OHM J 1/10W	
R7895	ERJ6GEYJ223V	M 22K OHM J 1/10W	
R7896	ERJ6GEYJ682V	M 6.8K OHM J 1/10W	
R7897	ERJ6GEYJ682V	M 6.8K OHM J 1/10W	
R7903	D1BD4702A044	M 47K OHM 1/10W	
R7904	D1BD2202A044	M 22K OHM 1/10W	
R7905	D1BD2202A044	M 22K OHM 1/10W	
R7906	D1BD4702A044	M 47K OHM 1/10W	
R7907	D1BD4702A044	M 47K OHM 1/10W	
R7908	D1BD4702A044	M 47K OHM 1/10W	
R7909	D1BD4702A044	M 47K OHM 1/10W	
R7910	D1BD1502A044	M 15K OHM 1/10W	
R7911	D1BD3902A044	M 39K OHM 1/10W	
R7912	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7913	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7914	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7915	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7916	ERJ6GEYJ473V	M 47K OHM J 1/10W	
R7917	ERJ6GEYJ103V	M 10K OHM J 1/10W	
R7918	ERJ6GEYJ105V	M 1M OHM J 1/10W	
R7925	D1BD4701A044	M 4.7K OHM 1/10W	
R7926	D1BD3902A044	M 39K OHM 1/10W	
R8004	D1BB2402A055	M 24K OHM F 1/10W	
R8005	D1BB1002A055	M 10K OHM J 1/10W	
R8006	D1BB2402A055	M 24K OHM F 1/10W	
R8030	ERJ2GEJ101X	M 100 OHM J 1/4W	
R8031	ERJ2RKF1001X	M 1K OHM J 1/16W	
R8032	ERJ2RKF1001X	M 1K OHM J 1/16W	
R8056	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8057	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8058	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8059	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8060	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8061	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8062	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8063	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8064	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8065	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8066	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8067	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8068	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8069	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8070	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8071	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8072	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8073	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8074	ERJ2GEJ221X	M 220 OHM J 1/4W	
R8075	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8076	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8077	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8078	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8081	ERJ2GEJ103X	M 10K OHM J 1/4W	

Ref. No.	Part No.	Part Name & Description	Remarks
R8082	ERJ2RKF75R0X	M 75 OHM F 1/16W	
R8083	ERJ2GEJ301X	M 300 OHM J 1/4W	
R8086	ERJ2GEJ104X	M 100K OHM J 1/4W	
R8088	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8090	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8091	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8093	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8095	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8096	ERJ2GEJ820X	M 82 OHM J 1/4W	
R8097	ERJ2GEJ221X	M 220 OHM J 1/4W	
R8100	ERJ2GEJ470X	M 47 OHM J 1/4W	
R8101	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8109	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R8260	ERJ2GEJ102X	M 1K OHM J 1/4W	
R8272	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8301	EXB2HV680JV	RESISTOR 68 OHM	
R8305	ERJ2GEJ102X	M 1K OHM J 1/4W	
R8308	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8312	ERJ2GEJ102X	M 1K OHM J 1/4W	
R8313	ERJ2GEJ225X	M 2200K OHM J 1/16W	
R8321	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8322	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R8323	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R8324	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R8325	ERJ2GEJ330X	M 33 OHM J 1/4W	
R8326	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8327	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8328	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8353	ERJ2GEJ151X	M 150 OHM J 1/4W	
R8354	ERJ2GEJ151X	M 150 OHM J 1/4W	
R8395	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8412	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8471	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8475	EXB28V103JX	RESISTOR 10 K OHM	
R8482	EXB28VR000X	RESISTOR 0 OHM	
R8483	EXB28VR000X	RESISTOR 0 OHM	
R8493	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8494	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R8496	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R8501	ERJ2GEJ101X	M 100 OHM J 1/4W	
R8502	ERJ2GEJ331X	M 330 OHM J 1/4W	
R8503	ERJ2GEJ331X	M 330 OHM J 1/4W	
R8504	ERJ2GEJ331X	M 330 OHM J 1/4W	
R8506	ERJ2GEJ331X	M 330 OHM J 1/4W	
R8508	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8510	D1BB1600A055	C 160 OHM F 1/10W	
R8511	ERJ2GEJ472X	M 4.7K OHM J 1/4W	
R8514	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8515	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R8516	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R8517	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8520	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8558	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8575	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8576	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8577	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8578	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8579	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8580	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8581	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8582	ERJ2GEJ680X	M 68 OHM J 1/4W	

Ref. No.	Part No.	Part Name & Description	Remarks
R8585	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8598	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8599	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8600	ERJ2GEJ151X	M 150 OHM J 1/4W	
R8601	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8602	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8603	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8604	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8605	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8606	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8607	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8608	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8609	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8610	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8611	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8612	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8613	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8614	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8615	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8616	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8617	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8618	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8619	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8620	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8626	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8627	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8628	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8629	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8630	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8634	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8635	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8637	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8638	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8639	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8640	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8641	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8642	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8645	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8646	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8647	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8651	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8652	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8653	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8654	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8658	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8661	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8663	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8665	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R8666	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8667	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8670	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R8671	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R8672	EXB2HV680JV	RESISTOR 68 OHM	
R8673	EXB2HV680JV	RESISTOR 68 OHM	
R8674	EXB2HV103JV	RESISTOR 10K OHM	
R8675	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R8677	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R8678	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R8679	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R8680	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R8681	ERJ2GEJ222X	M 2.2K OHM J 1/4W	

Ref. No.	Part No.	Part Name & Description	Remarks
R8688	EXB2HV680JV	RESISTOR 68 OHM	
R8689	EXB2HV680JV	RESISTOR 68 OHM	
R8690	EXB2HV680JV	RESISTOR 68 OHM	
R8691	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8692	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8697	ERJ2GEJ222X	M 2.2K OHM J 1/4W	
R8703	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8712	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8715	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8716	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8718	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8719	EXB28V103JX	RESISTOR 10 K OHM	
R8722	EXB28V103JX	RESISTOR 10 K OHM	
R8723	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8724	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8726	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8729	ERJ2GEJ121X	M 120 OHM J 1/16W	
R8730	ERJ2GEJ121X	M 120 OHM J 1/16W	
R8732	ERJ2GEJ121X	M 120 OHM J 1/16W	
R8733	ERJ2GEJ121X	M 120 OHM J 1/16W	
R8734	ERJ2GEJ121X	M 120 OHM J 1/16W	
R8735	ERJ2GEJ121X	M 120 OHM J 1/16W	
R8736	ERJ2GEJ121X	M 120 OHM J 1/16W	
R8738	ERJ2GEJ121X	M 120 OHM J 1/16W	
R8739	ERJ2GEJ121X	M 120 OHM J 1/16W	
R8740	ERJ2GEJ121X	M 120 OHM J 1/16W	
R8742	EXB2HV121JV	M 120 OHM J 1/16W	
R8745	EXB2HV121JV	M 120 OHM J 1/16W	
R8746	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8747	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8750	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8751	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8765	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8767	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8768	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8770	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8803	ERJ2GEJ330X	M 33 OHM J 1/4W	
R8804	ERJ2GEJ330X	M 33 OHM J 1/4W	
R8805	ERJ2GEJ330X	M 33 OHM J 1/4W	
R8806	ERJ2GEJ330X	M 33 OHM J 1/4W	
R8807	ERJ2GEJ330X	M 33 OHM J 1/4W	
R8808	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8860	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8898	ERJ2GEJ103X	M 10K OHM J 1/4W	
R8959	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8960	ERJ2GEJ680X	M 68 OHM J 1/4W	
R8963	ERJ2GEJ103X	M 10K OHM J 1/4W	
CF7101	D4CAY8R0A010	RESISTOR	⚠
PA5420	ERBSE5R00U	PROTECT RESISTOR	
PA5430	ERBSE2R50U	PROTECT RESISTOR	
PC7301	B3PAA0000363	IC	⚠
PC7401	B3PAA0000363	IC	⚠
PC7701	B3PAA0000363	IC	⚠
PC7702	B3PAA0000363	IC	⚠
R0933	ERJ2GE0R00X	M 0 OHM 1/4W	
R0934	ERJ2GE0R00X	M 0 OHM 1/4W	
R1146	ERJ2GE0R00X	M 0 OHM 1/4W	
R1179	ERJ2GE0R00X	M 0 OHM 1/4W	
R1181	ERJ2GE0R00X	M 0 OHM 1/4W	
R1197	ERJ2GE0R00X	M 0 OHM 1/4W	
R1200	ERJ2GE0R00X	M 0 OHM 1/4W	

Ref. No.	Part No.	Part Name & Description	Remarks
R1207	ERJ2GE0R00X	M 0 OHM 1/4W	
R2032	ERJ2GE0R00X	M 0 OHM 1/4W	
R2063	ERJ2GE0R00X	M 0 OHM 1/4W	
R2064	ERJ2GE0R00X	M 0 OHM 1/4W	
R2325	ERJ2GE0R00X	M 0 OHM 1/4W	
R2600	ERJ6GEY0R00V	M 0 OHM J 1/10W	
R2751	D0GDR00Z0002	M 0 OHM J 1/16W	
R2752	D0GDR00Z0002	M 0 OHM J 1/16W	
R2765	D0GDR00Z0002	M 0 OHM J 1/16W	
R2905	ERJ2GE0R00X	M 0 OHM 1/4W	
R2909	ERJ2GE0R00X	M 0 OHM 1/4W	
R2927	ERJ2GE0R00X	M 0 OHM 1/4W	
R2931	D0GBR00Z0002	M 0 OHM J 1/16W	
R2941	ERJ2GE0R00X	M 0 OHM 1/4W	
R2942	ERJ2GE0R00X	M 0 OHM 1/4W	
R3094	ERJ2GE0R00X	M 0 OHM 1/4W	
R3112	ERJ2GE0R00X	M 0 OHM 1/4W	
R3113	ERJ2GE0R00X	M 0 OHM 1/4W	
R3182	ERJ2GE0R00X	M 0 OHM 1/4W	
R3218	ERJ2GE0R00X	M 0 OHM 1/4W	
R4233	ERJ2GE0R00X	M 0 OHM 1/4W	
R4243	ERJ2GE0R00X	M 0 OHM 1/4W	
R4423	ERJ2GE0R00X	M 0 OHM 1/4W	
R4539	ERJ2GE0R00X	M 0 OHM 1/4W	
R4541	ERJ2GE0R00X	M 0 OHM 1/4W	
R4542	ERJ2GE0R00X	M 0 OHM 1/4W	
R4543	ERJ2GE0R00X	M 0 OHM 1/4W	
R4606	ERJ2GE0R00X	M 0 OHM 1/4W	
R4613	ERJ2GE0R00X	M 0 OHM 1/4W	
R4616	ERJ2GE0R00X	M 0 OHM 1/4W	
R4618	ERJ2GE0R00X	M 0 OHM 1/4W	
R4623	ERJ2GE0R00X	M 0 OHM 1/4W	
R4641	ERJ2GE0R00X	M 0 OHM 1/4W	
R4643	ERJ2GE0R00X	M 0 OHM 1/4W	
R4644	ERJ2GE0R00X	M 0 OHM 1/4W	
R4653	ERJ2GE0R00X	M 0 OHM 1/4W	
R4655	ERJ2GE0R00X	M 0 OHM 1/4W	
R4657	ERJ2GE0R00X	M 0 OHM 1/4W	
R4742	ERJ2GE0R00X	M 0 OHM 1/4W	
R4743	ERJ2GE0R00X	M 0 OHM 1/4W	
R4802	ERJ2GE0R00X	M 0 OHM 1/4W	
R4803	ERJ2GE0R00X	M 0 OHM 1/4W	
R4838	ERJ2GE0R00X	M 0 OHM 1/4W	
R4847	ERJ2GE0R00X	M 0 OHM 1/4W	
R5443	ERJ6GEY0R00V	M 0 OHM J 1/10W	
R5449	ERJ2GE0R00X	M 0 OHM 1/4W	
R5474	ERJ2GE0R00X	M 0 OHM 1/4W	
R5479	ERJ2GE0R00X	M 0 OHM 1/4W	
R5498	ERJ2GE0R00X	M 0 OHM 1/4W	
R7800	ERJ6GEY0R00V	M 0 OHM J 1/10W	
R7898	ERJ6GEY0R00V	M 0 OHM J 1/10W	
R8007	D0GBR00Z0002	M 0 OHM J 1/16W	
R8026	ERJ2GE0R00X	M 0 OHM 1/4W	
R8027	ERJ2GE0R00X	M 0 OHM 1/4W	
R8303	ERJ2GE0R00X	M 0 OHM 1/4W	
R8304	ERJ2GE0R00X	M 0 OHM 1/4W	
R8306	ERJ2GE0R00X	M 0 OHM 1/4W	
R8307	ERJ2GE0R00X	M 0 OHM 1/4W	
R8310	ERJ2GE0R00X	M 0 OHM 1/4W	
R8311	ERJ2GE0R00X	M 0 OHM 1/4W	

Ref. No.	Part No.	Part Name & Description	Remarks
R8314	ERJ2GE0R00X	M 0 OHM 1/4W	
R8315	ERJ2GE0R00X	M 0 OHM 1/4W	
R8316	ERJ2GE0R00X	M 0 OHM 1/4W	
R8317	ERJ2GE0R00X	M 0 OHM 1/4W	
R8319	ERJ2GE0R00X	M 0 OHM 1/4W	
R8356	ERJ2GE0R00X	M 0 OHM 1/4W	
R8392	ERJ2GE0R00X	M 0 OHM 1/4W	
R8484	ERJ2GE0R00X	M 0 OHM 1/4W	
R8485	ERJ2GE0R00X	M 0 OHM 1/4W	
R8486	ERJ2GE0R00X	M 0 OHM 1/4W	
R8497	ERJ2GE0R00X	M 0 OHM 1/4W	
R8644	ERJ2GE0R00X	M 0 OHM 1/4W	
R8660	ERJ2GE0R00X	M 0 OHM 1/4W	
R8801	D0GBR00Z0002	M 0 OHM J 1/16W	
R8802	ERJ2GE0R00X	M 0 OHM 1/4W	
JS1003	ERJ2GE0R00X	M 0 OHM 1/4W	
JS1023	ERJ2GE0R00X	M 0 OHM 1/4W	
JS2501	ERJ2GE0R00X	M 0 OHM 1/4W	

18.2.6. Capacitor

Ref. No.	Part No.	Part Name & Description	Remarks
C0941	F1G1H680A731	E 68PF J 50V	
C0942	F1G1H330A731	C 33PF J 50V	
C0943	F1G1H100A731	C 10PF J 50V	
C0944	F1G1H100A731	C 10PF J 50V	
C1029	F1G1C104A116	E 0.1UF K 16V	
C1102	F1J1A106A043	C 10UF	
C1103	F1G1C104A116	E 0.1UF K 16V	
C1104	F1G1C104A116	E 0.1UF K 16V	
C1106	F1H1H270A971	C 27PF J 50V	
C1107	F1G1H270A731	E 27PF J 50V	
C1108	F1G1C104A116	E 0.1UF K 16V	
C1109	F1H1A1050032	E 1UF K 10V	
C1111	F1H1A1050032	E 1UF K 10V	
C1112	F1G1C104A116	E 0.1UF K 16V	
C1114	F1G1C104A116	E 0.1UF K 16V	
C1117	F1G1C104A116	E 0.1UF K 16V	
C1122	F1G1E103A123	E 0.01UF K 25V	
C1123	F1H1A1050032	E 1UF K 10V	
C2023	F1G1C104A116	E 0.1UF K 16V	
C2049	F1G1C104A116	E 0.1UF K 16V	
C2050	F1G1C104A116	E 0.1UF K 16V	
C2055	F1G1H120A731	E 12PF J 50V	
C2056	F1G1H180A731	E 18PF J 50V	
C2058	F1G1C104A116	E 0.1UF K 16V	
C2059	F1J1A106A043	C 10UF	
C2091	F1G1H330A731	C 33PF J 50V	
C2092	F1G1H220A731	E 22PF J 50V	
C2096	F1G1C104A116	E 0.1UF K 16V	
C2098	EEEHB0J221UP	E 220UF 6.3V	
C2099	EEEHB0J221UP	E 220UF 6.3V	
C2102	F1G1C104A116	E 0.1UF K 16V	
C2105	F1G1C104A116	E 0.1UF K 16V	
C2106	F1G1C104A116	E 0.1UF K 16V	
C2107	F1J1A106A043	C 10UF	
C2108	F1J1A106A043	C 10UF	
C2109	F1G1C104A116	E 0.1UF K 16V	
C2110	F1G1C104A116	E 0.1UF K 16V	

Ref. No.	Part No.	Part Name & Description	Remarks
C2111	F1J1A475A039	P 4.7UF 10V	
C2112	F1J1A106A043	C 10UF	
C2113	F1J1A106A043	C 10UF	
C2114	F1G1C104A116	E 0.1UF K 16V	
C2115	F1G1C104A116	E 0.1UF K 16V	
C2117	F1G1C104A116	E 0.1UF K 16V	
C2118	F1J1A475A039	P 4.7UF 10V	
C2120	F1G1H560A731	C 56PF J 50V	
C2121	F1G1H560A731	C 56PF J 50V	
C2122	F1G1C103A116	C 0.01UF K 16V	
C2123	F1G1C103A116	C 0.01UF K 16V	
C2124	F1G1C104A116	E 0.1UF K 16V	
C2125	F1G1C103A116	C 0.01UF K 16V	
C2127	F1G1C103A116	C 0.01UF K 16V	
C2128	F1G1C103A116	C 0.01UF K 16V	
C2129	F1G1C103A116	C 0.01UF K 16V	
C2135	F1G1C103A116	C 0.01UF K 16V	
C2136	F1G1C103A116	C 0.01UF K 16V	
C2137	F1J1A106A043	C 10UF	
C2192	F1J1A106A043	C 10UF	
C2216	F1G1C104A116	E 0.1UF K 16V	
C2244	F1G1C104A116	E 0.1UF K 16V	
C2245	F1G1H102A730	E 1000PF K 50V	
C2251	F1J1A106A043	C 10UF	
C2261	F1J1A106A043	C 10UF	
C2262	F1J1A106A043	C 10UF	
C2263	F1J1A106A043	C 10UF	
C2264	F1J1A106A043	C 10UF	
C2301	F1G1C104A116	E 0.1UF K 16V	
C2302	F1G1C104A116	E 0.1UF K 16V	
C2303	F1J1E105A171	P 1UF 25V	
C2305	F1J1E105A171	P 1UF 25V	
C2309	F1J1E105A171	P 1UF 25V	
C2313	F1H1A1050032	E 1UF K 10V	
C2317	F1H1H104A970	C 0.1UF K 50V	
C2319	F1H1H104A970	C 0.1UF K 50V	
C2321	F1H1H104A970	C 0.1UF K 50V	
C2323	F1H1H104A970	C 0.1UF K 50V	
C2325	F1J1H474A757	P 0.47UF 50V	
C2331	F1J1H474A757	P 0.47UF 50V	
C2333	F1H1E104A129	E 0.1UF K 25V	
C2335	F1H1E104A129	E 0.1UF K 25V	
C2337	F1H1H223A970	E 0.023UF K 50V	
C2339	F1H1H223A970	E 0.023UF K 50V	
C2341	F1H1E104A129	E 0.1UF K 25V	
C2343	F1H1E104A129	E 0.1UF K 25V	
C2345	F1H1H223A970	E 0.023UF K 50V	
C2347	F1H1H223A970	E 0.023UF K 50V	
C2353	F1G1H102A730	E 1000PF K 50V	
C2359	F1G1H102A730	E 1000PF K 50V	
C2361	F2G1E4710007	E 470UF 25V	
C2362	F1K1E106A136	C 10UF K 25V	
C2375	F1H1H223A970	E 0.023UF K 50V	
C2377	F1H1H223A970	E 0.023UF K 50V	
C2379	F1H1H223A970	E 0.023UF K 50V	
C2381	F1H1H223A970	E 0.023UF K 50V	
C2383	F1G1H102A730	E 1000PF K 50V	
C2385	F1G1H102A730	E 1000PF K 50V	
C2387	F1G1H102A730	E 1000PF K 50V	
C2389	F1G1H102A730	E 1000PF K 50V	
C2390	F1J1E105A171	P 1UF 25V	

Ref. No.	Part No.	Part Name & Description	Remarks
C2501	F2G0J470A019	E 47UF 6.3V	
C2502	F1G1C103A116	C 0.01UF K 16V	
C2505	F1H1C104A143	E 0.1UF K 16V	
C2506	F2G0J220A019	E 22UF 6.3V	
C2750	F1G1C104A116	E 0.1UF K 16V	
C2751	F1G1H102A730	E 1000PF K 50V	
C2752	F1G1H102A730	E 1000PF K 50V	
C2753	F1G1H102A730	E 1000PF K 50V	
C2754	F1G1H102A730	E 1000PF K 50V	
C2755	F1G1H102A730	E 1000PF K 50V	
C2756	F1G1H102A730	E 1000PF K 50V	
C2757	F1G1H102A730	E 1000PF K 50V	
C2758	F1H1E104A129	E 0.1UF K 25V	
C2759	F1G1C104A116	E 0.1UF K 16V	
C2760	F1K1C1060004	E 10UF K 16V	
C2761	F1G1H102A730	E 1000PF K 50V	
C2763	F1G1H102A730	E 1000PF K 50V	
C2765	F1H1E104A129	E 0.1UF K 25V	
C2766	F1G1C104A116	E 0.1UF K 16V	
C2767	F1G1C104A116	E 0.1UF K 16V	
C2771	F1G1C104A116	E 0.1UF K 16V	
C2773	F1H1H102A971	C 1000PF J 50V	
C2775	F1H1H102A971	C 1000PF J 50V	
C2776	F1G1H102A730	E 1000PF K 50V	
C2777	F1G1H102A730	E 1000PF K 50V	
C2778	F1G1H102A730	E 1000PF K 50V	
C2780	F1G1H101A731	C 100PF J 50V	
C2781	F1G1H102A730	E 1000PF K 50V	
C2782	F1G1H102A730	E 1000PF K 50V	
C2902	F1H1H222A970	E 2200 PF K 50V	
C2906	F1H1C104A143	E 0.1UF K 16V	
C2907	F1H1C104A143	E 0.1UF K 16V	
C2908	F1G1C104A116	E 0.1UF K 16V	
C2909	F1H1A1050032	E 1UF K 10V	
C2912	F2H0J1010009	E 100UF 6.3V	
C2914	F1H1H104A970	C 0.1UF K 50V	
C2916	F1H1C104A143	E 0.1UF K 16V	
C2920	F1H1H103A970	E 0.01UF K 50V	
C2922	F1H1C104A143	E 0.1UF K 16V	
C2923	F1H1C104A143	E 0.1UF K 16V	
C2933	F1G1H102A730	E 1000PF K 50V	
C2937	F1G1H103A735	C 10000PF Z 50V	
C2942	F1G1H102A730	E 1000PF K 50V	
C2943	F1G1H102A730	E 1000PF K 50V	
C3002	F1G1H561A730	C 560PF K 50V	
C3003	F1G1H561A730	C 560PF K 50V	
C3007	F1G1H561A730	C 560PF K 50V	
C3008	F1G1H561A730	C 560PF K 50V	
C3013	F1G1H561A730	C 560PF K 50V	
C3014	F1G1H561A730	C 560PF K 50V	
C3022	F1H1A1050032	E 1UF K 10V	
C3023	F1G1C104A116	E 0.1UF K 16V	
C3024	F1H1A1050032	E 1UF K 10V	
C3039	F1H1A1050032	E 1UF K 10V	
C3041	F1H1A1050032	E 1UF K 10V	
C3043	F1H1A1050032	E 1UF K 10V	
C3044	F1H1A1050032	E 1UF K 10V	
C3046	F1H1A1050032	E 1UF K 10V	
C3047	F1H1A1050032	E 1UF K 10V	
C3056	F1G1H102A730	E 1000PF K 50V	
C3057	F1G1H102A730	E 1000PF K 50V	

Ref. No.	Part No.	Part Name & Description	Remarks
C3073	F1J1A106A043	C 10UF	
C3074	F1J1A106A043	C 10UF	
C3075	F1H1A1050032	E 1UF K 10V	
C3077	F1G1C104A116	E 0.1UF K 16V	
C3078	F1J1A106A043	C 10UF	
C3083	F1J1A106A043	C 10UF	
C3084	F1J1A106A043	C 10UF	
C3085	F1J1A106A043	C 10UF	
C3086	F1J1A106A043	C 10UF	
C3090	F1J1A106A043	C 10UF	
C3091	F1J1A106A043	C 10UF	
C3092	F1J1A106A043	C 10UF	
C3093	F1J1A106A043	C 10UF	
C3095	F2G1A101A019	E 100UF M 10V	
C3099	F1G1H102A730	E 1000PF K 50V	
C3103	F2G1A101A019	E 100UF M 10V	
C3107	F1J1A106A043	C 10UF	
C3108	F1J1A106A043	C 10UF	
C3109	F1J1A106A043	C 10UF	
C3114	F1J1A106A043	C 10UF	
C3115	F1J1A106A043	C 10UF	
C3116	F1J1A106A043	C 10UF	
C3117	F1J1A106A043	C 10UF	
C3139	F1G1C104A116	E 0.1UF K 16V	
C3140	F1G1C104A116	E 0.1UF K 16V	
C3141	F1G1C104A116	E 0.1UF K 16V	
C3143	F1G1C104A116	E 0.1UF K 16V	
C3144	F1J1A106A043	C 10UF	
C3145	F1G1C104A116	E 0.1UF K 16V	
C3146	F1J1A106A043	C 10UF	
C3147	F1J1A106A043	C 10UF	
C3257	F1G1H102A730	E 1000PF K 50V	
C4200	F1J1A106A043	C 10UF	
C4201	F1J1A106A043	C 10UF	
C4202	F1G1C104A116	E 0.1UF K 16V	
C4203	F1G1C104A116	E 0.1UF K 16V	
C4204	F1G1C104A116	E 0.1UF K 16V	
C4205	F1G1C104A116	E 0.1UF K 16V	
C4206	F1G1C104A116	E 0.1UF K 16V	
C4207	ECGRL0G680ER	E 68UF 4V	
C4208	F1G1C104A116	E 0.1UF K 16V	
C4209	F1G1C104A116	E 0.1UF K 16V	
C4210	F1G1C104A116	E 0.1UF K 16V	
C4211	F1G1C104A116	E 0.1UF K 16V	
C4212	F1G1C104A116	E 0.1UF K 16V	
C4213	F1G1C104A116	E 0.1UF K 16V	
C4214	F1G1C104A116	E 0.1UF K 16V	
C4215	F1G1C104A116	E 0.1UF K 16V	
C4216	F1G1C104A116	E 0.1UF K 16V	
C4221	F1J0J106A020	E 10UF K 6.3V	
C4222	F1G1C104A116	E 0.1UF K 16V	
C4232	F1J1A106A043	C 10UF	
C4233	F1G1H102A730	E 1000PF K 50V	
C4234	F1G1C104A116	E 0.1UF K 16V	
C4235	F1G1C104A116	E 0.1UF K 16V	
C4236	F1G1H102A730	E 1000PF K 50V	
C4237	F1G1C104A116	E 0.1UF K 16V	
C4238	F1J1A106A043	C 10UF	
C4240	F1G1H102A730	E 1000PF K 50V	
C4241	F1G1C104A116	E 0.1UF K 16V	
C4242	F1G1C104A116	E 0.1UF K 16V	

Ref. No.	Part No.	Part Name & Description	Remarks
C4243	F1G1H102A730	E 1000PF K 50V	
C4244	F1G1C104A116	E 0.1UF K 16V	
C4245	F1G1C104A116	E 0.1UF K 16V	
C4246	F1G1H102A730	E 1000PF K 50V	
C4247	F1G1C104A116	E 0.1UF K 16V	
C4248	F1G1C104A116	E 0.1UF K 16V	
C4249	F1G1H102A730	E 1000PF K 50V	
C4250	F1G1C104A116	E 0.1UF K 16V	
C4251	F1G1C104A116	E 0.1UF K 16V	
C4252	F1G1H102A730	E 1000PF K 50V	
C4253	F1G1C104A116	E 0.1UF K 16V	
C4254	F1J1A106A043	C 10UF	
C4255	F1G1C104A116	E 0.1UF K 16V	
C4256	F1G1C104A116	E 0.1UF K 16V	
C4258	F1J1A106A043	C 10UF	
C4259	F1G1H102A730	E 1000PF K 50V	
C4260	F1G1C104A116	E 0.1UF K 16V	
C4261	F1G1C104A116	E 0.1UF K 16V	
C4262	F1G1H102A730	E 1000PF K 50V	
C4263	F1G1C104A116	E 0.1UF K 16V	
C4264	F1G1H102A730	E 1000PF K 50V	
C4265	F1G1C104A116	E 0.1UF K 16V	
C4266	F1G1C104A116	E 0.1UF K 16V	
C4267	F1G1H102A730	E 1000PF K 50V	
C4269	F1G1C104A116	E 0.1UF K 16V	
C4271	F1G1C104A116	E 0.1UF K 16V	
C4272	F1G1C104A116	E 0.1UF K 16V	
C4273	F1G1C104A116	E 0.1UF K 16V	
C4274	F1G1C104A116	E 0.1UF K 16V	
C4275	F1H0J1050012	P 1UF 6.3V	
C4276	F1H0J1050012	P 1UF 6.3V	
C4277	F1J1A106A043	C 10UF	
C4278	F1G1C104A116	E 0.1UF K 16V	
C4279	F1G1C104A116	E 0.1UF K 16V	
C4280	F1G1C104A116	E 0.1UF K 16V	
C4281	F1G1C104A116	E 0.1UF K 16V	
C4282	F1G1C104A116	E 0.1UF K 16V	
C4283	F1J1A106A043	C 10UF	
C4284	F1G1C104A116	E 0.1UF K 16V	
C4285	F1G1C104A116	E 0.1UF K 16V	
C4286	F1J1A106A043	C 10UF	
C4287	F1G1C104A116	E 0.1UF K 16V	
C4288	F1H1H150A971	C 15PF J 50V	
C4289	F1H1H180A971	C 18PF J 50V	
C4291	F1G1C104A116	E 0.1UF K 16V	
C4292	F1G1H102A730	E 1000PF K 50V	
C4293	F1G1C104A116	E 0.1UF K 16V	
C4294	F1G1C104A116	E 0.1UF K 16V	
C4295	F1G1C104A116	E 0.1UF K 16V	
C4400	F1G1H100A731	C 10PF J 50V	
C4500	F1G1C104A116	E 0.1UF K 16V	
C4501	F1G1C104A116	E 0.1UF K 16V	
C4502	F1G1C104A116	E 0.1UF K 16V	
C4503	F1G1C104A116	E 0.1UF K 16V	
C4533	F1G1H680A731	E 68PF J 50V	
C4534	F1G1C104A116	E 0.1UF K 16V	
C4535	F1G1C104A116	E 0.1UF K 16V	
C4537	F1G1C104A116	E 0.1UF K 16V	
C4547	F1G1C104A116	E 0.1UF K 16V	
C4548	F1G1C104A116	E 0.1UF K 16V	

Ref. No.	Part No.	Part Name & Description	Remarks
C4549	F1G1C104A116	E 0.1UF K 16V	
C4550	F1G1C104A116	E 0.1UF K 16V	
C4551	F1G1C104A116	E 0.1UF K 16V	
C4552	F1G1C104A116	E 0.1UF K 16V	
C4553	F1G1H102A730	E 1000PF K 50V	
C4554	F2G1C470A022	C 47UF J 16V	
C4555	F1J1A106A043	C 10UF	
C4567	F1G1C104A116	E 0.1UF K 16V	
C4574	F1G1C104A116	E 0.1UF K 16V	
C4575	F1G1C104A116	E 0.1UF K 16V	
C4580	F1G1C104A116	E 0.1UF K 16V	
C4585	F1G1C104A116	E 0.1UF K 16V	
C4595	F1G1C104A116	E 0.1UF K 16V	
C4598	F1J1A106A043	C 10UF	
C4599	F1J1A106A043	C 10UF	
C4600	F1G1C104A116	E 0.1UF K 16V	
C4601	F1J1A106A043	C 10UF	
C4602	F1G1C104A116	E 0.1UF K 16V	
C4603	F1J1A475A039	P 4.7UF 10V	
C4604	F1G1C104A116	E 0.1UF K 16V	
C4605	F1J1A475A039	P 4.7UF 10V	
C4606	F1J1A475A039	P 4.7UF 10V	
C4607	F1J1A475A039	P 4.7UF 10V	
C4608	F1G1C104A116	E 0.1UF K 16V	
C4609	F1G1C104A116	E 0.1UF K 16V	
C4613	F1H0J1050012	P 1UF 6.3V	
C4616	F1J1A475A039	P 4.7UF 10V	
C4617	F1J1A475A039	P 4.7UF 10V	
C4624	F1G1C104A116	E 0.1UF K 16V	
C4625	F1G1C104A116	E 0.1UF K 16V	
C4626	F1G1C104A116	E 0.1UF K 16V	
C4628	F1G1C104A116	E 0.1UF K 16V	
C4629	F1G1C104A116	E 0.1UF K 16V	
C4630	F1G1C104A116	E 0.1UF K 16V	
C4631	F1J1A106A043	C 10UF	
C4632	F1G1C104A116	E 0.1UF K 16V	
C4633	F1J1A106A043	C 10UF	
C4634	F1G1C104A116	E 0.1UF K 16V	
C4635	F1J1A106A043	C 10UF	
C4636	F1G1C104A116	E 0.1UF K 16V	
C4637	F1G1C104A116	E 0.1UF K 16V	
C4638	F1G1C104A116	E 0.1UF K 16V	
C4640	F1G1C104A116	E 0.1UF K 16V	
C4642	F1G1C104A116	E 0.1UF K 16V	
C4643	F1G1C104A116	E 0.1UF K 16V	
C4644	F1G1C104A116	E 0.1UF K 16V	
C4645	F1G1C104A116	E 0.1UF K 16V	
C4702	F1G1C104A116	E 0.1UF K 16V	
C4703	F1G1C104A116	E 0.1UF K 16V	
C4900	F1J1A106A043	C 10UF	
C4901	F1J1A106A043	C 10UF	
C4902	F2G0J220A019	E 22UF 6.3V	
C4903	F1G1C104A116	E 0.1UF K 16V	
C4905	F1H1H103A970	E 0.01UF K 50V	
C4906	F1H1H103A970	E 0.01UF K 50V	
C4907	F2G1C470A022	C 47UF J 16V	
C5408	F1J1A106A043	C 10UF	
C5410	F1J1E105A171	P 1UF 25V	
C5414	F1J1E105A171	P 1UF 25V	
C5415	F1J1E105A171	P 1UF 25V	
C5421	F1J1A106A043	C 10UF	

Ref. No.	Part No.	Part Name & Description	Remarks
C5431	F1J1E105A171	P 1UF 25V	
C5441	F2G1C100A022	C 10UF J 16V	
C5443	F2G1V100A020	E 10UF M 35V	
C5444	F1H1H102A970	C 1000PF K 50V	
C5445	F1K1C1060004	E 10UF K 16V	
C5446	F1J1H474A757	P 0.47UF 50V	
C5447	F1J1H474A757	P 0.47UF 50V	
C5448	F1G1H102A730	E 1000PF K 50V	
C5451	F1H1H102A970	C 1000PF K 50V	
C5464	F1H1A1050032	E 1UF K 10V	
C5481	F1H1A1050032	E 1UF K 10V	
C5483	F1J1A106A043	C 10UF	
C5486	F1G1C473A081	C 0.047UF K 16V	
C5487	F1H1C105A008	C 1UF Z 16V	
C5488	F1G1C473A081	C 0.047UF K 16V	
C5489	F1J1A106A043	C 10UF	
C5492	F1G1C104A116	E 0.1UF K 16V	
C5493	F1H1A1050032	E 1UF K 10V	
C5494	F1H1C105A145	C 1UF K 16V	
C5511	F1K1C1060004	E 10UF K 16V	
C5512	F1K1C1060004	E 10UF K 16V	
C5516	ECJ0EB1E682K	C 6800PF K 25V	
C5518	F1K1C1060004	E 10UF K 16V	
C5519	F1K1C1060004	E 10UF K 16V	
C5520	F1H1C104A143	E 0.1UF K 16V	
C5521	F1G1E103A123	E 0.01UF K 25V	
C5522	F1J1A475A039	P 4.7UF 10V	
C5523	F1G1H221A459	P 220PF 50V	
C5524	F1G1H471A730	C 470PF K 50V	
C5526	F1G1C104A116	E 0.1UF K 16V	
C5527	F1G1C104A116	E 0.1UF K 16V	
C5528	ECGRL0E680ER	E 68UF M 2.5V	
C5529	ECGRL0E680ER	E 68UF M 2.5V	
C5531	F2G1C470A022	C 47UF J 16V	
C5532	F1H1C105A145	C 1UF K 16V	
C5541	F1G1C104A116	E 0.1UF K 16V	
C5544	F1H1C105A145	C 1UF K 16V	
C5551	F1H0J2250008	P 2.2UF 10V	
C5552	F1H0J2250008	P 2.2UF 10V	
C5555	F1G1C104A116	E 0.1UF K 16V	
C5556	F1J1A106A043	C 10UF	
C5557	F1J1A106A043	C 10UF	
C5558	F1J1A106A043	C 10UF	
C5559	F1G1C104A116	E 0.1UF K 16V	
C5560	F1J1A106A043	C 10UF	
C5561	F1J1A106A043	C 10UF	
C5562	F1G1C104A116	E 0.1UF K 16V	
C5602	F2H0J1010009	E 100UF 6.3V	
C5603	F1G1C104A116	E 0.1UF K 16V	
C5604	ECJ0EB1E682K	C 6800PF K 25V	
C5605	F1J1A475A039	P 4.7UF 10V	
C5606	F1H1C105A145	C 1UF K 16V	
C5607	F1G1H272A571	C 2700PF K 50V	
C5611	F1K1C1060004	E 10UF K 16V	
C5612	F1K1C1060004	E 10UF K 16V	
C5615	F1K1C1060004	E 10UF K 16V	
C5616	F1G1C273A081	C 0.027UF K 16V	
C5618	F1K1C1060004	E 10UF K 16V	
C5619	F1K1C1060004	E 10UF K 16V	
C5620	F1H1C104A143	E 0.1UF K 16V	
C5621	F1G1E103A123	E 0.01UF K 25V	

Ref. No.	Part No.	Part Name & Description	Remarks
C5622	F1J1A475A039	P 4.7UF 10V	
C5623	F1G1H272A571	C 2700PF K 50V	
C5624	F1G1H3320004	C 3300PF K 50V	
C5626	F1G1C104A116	E 0.1UF K 16V	
C5627	F1G1C104A116	E 0.1UF K 16V	
C5628	ECGRL0E680ER	E 68UF M 2.5V	
C5629	ECGRL0E680ER	E 68UF M 2.5V	
C5631	F2G1C470A022	C 47UF J 16V	
C5632	F1H1C105A145	C 1UF K 16V	
C5636	F1G1C104A116	E 0.1UF K 16V	
C5637	F1G1C104A116	E 0.1UF K 16V	
C5638	F1G1C104A116	E 0.1UF K 16V	
C5639	F1G1C104A116	E 0.1UF K 16V	
C5640	F1G1C104A116	E 0.1UF K 16V	
C5641	F1G1C104A116	E 0.1UF K 16V	
C5642	F1K1C1060004	E 10UF K 16V	
C5643	F1H1C104A143	E 0.1UF K 16V	
C5644	F1H1C105A145	C 1UF K 16V	
C7101	F0CAF474A021	C 0.47UF K 250V	⚠
C7102	F0CAF474A021	C 0.47UF K 250V	⚠
C7103	ECKCNA101MB7	C 100PF M 250V	⚠
C7104	ECKCNA101MB7	C 100PF M 250V	⚠
C7107	ECKW3A103MEH	C 10000PF 1000V	
C7202	F0CZZ105A097	C 1UF K	
C7203	F0CZZ105A097	C 1UF K	
C7204	F1J1H474A757	P 0.47UF 50V	
C7205	F1J1H104A835	E 0.1UF K 50V	
C7206	F1J1H102A834	E 1000PF K 50V	
C7207	F1J1H471A836	E 470PF J 50V	
C7209	F1J1C1050028	C 1UF K 16V	
C7210	F1J1H474A757	P 0.47UF 50V	
C7211	F1J1H102A834	E 1000PF K 50V	
C7212	F1J1H102A834	E 1000PF K 50V	
C7213	F1J1H101A836	C 100PF J 50V	
C7215	ECKW3D471KBP	C 470PF K 2KV	
C7216	ECKW3D471KBP	C 470PF K 2KV	
C7217	ECKW3A103MEH	C 10000PF 1000V	
C7218	F2A2W2010001	E 200UF M 450V	
C7219	ECKW3D221KBP	C 220PF J 2K	
C7220	ECKW3A103MEH	C 10000PF 1000V	
C7301	ECQE6103KFW	0.01UF K 630V	
C7302	ECKW3D101KBP	C 100 PF K 2KV	
C7303	F1J1H102A834	E 1000PF K 50V	
C7304	F1J1H223A834	C 2200PF J 50V	
C7305	F1J1H471A834	C 470PF K 50V	
C7306	F1J1H221A836	C 220PF J50V	
C7307	F1J1H474A757	P 0.47UF 50V	
C7308	ECKW3D222KBP	C 2200PF K 2KV *	
C7318	ECKCNA102MB7	C 1000PF M	⚠
C7401	F2A2W100A020	E 10UF M 450V	
C7402	ECKR3A222KBP	C 2200PF K 1KV *	
C7403	ECCW3D470KGE	P 47PF K 2KV	
C7404	F1J1H474A757	P 0.47UF 50V	
C7405	F1J1H103A834	E 10000PF K 50V	
C7406	F1J1H472A834	C 4700PF K 50V	
C7407	F2A1H220A115	E 22UF M 50V	
C7408	F2A1E101A089	E 100UF M 25V	
C7410	F1J1H222A834	C 2200PF J 50V	
C7411	F1J1H472A834	C 4700PF K 50V	
C7412	ECKCNA221MB7	C 220 PF M	⚠
C7413	ECKW3D222KBP	C 2200PF K 2KV *	

Ref. No.	Part No.	Part Name & Description	Remarks
C7414	ECKCNA102MB7	C 1000PF M	⚠
C7505	F2A1E681A100	E 680UF M 25V	
C7506	F2A1E681A100	E 680UF M 25V	
C7510	F2A1H1R0A122	E 1UF 50V	
C7511	F2A1H1R0A122	E 1UF 50V	
C7514	F2A1E681A100	E 680UF M 25V	
C7515	ECKR3A471KBP	C 470PF K 1KV	
C7601	F2A1A102A118	E 1000UF M 10V	
C7602	F1J1H474A757	P 0.47UF 50V	
C7604	F1J1H103A834	E 10000PF K 50V	
C7605	F1J1H104A835	E 0.1UF K 50V	
C7607	F1J1H104A835	E 0.1UF K 50V	
C7608	F1J1E105A171	P 1UF 25V	
C7701	F1J1E3340003	P 0.33UF 25V	
C7702	F2A1H100A165	E 10UF 50V	
C7703	F1J1H103A834	E 10000PF K 50V	
C7704	F2A1H100A165	E 10UF 50V	
C7705	F2A1H4R7A122	E 4.7UF M 50V	
C7706	F2A1H100A165	E 10UF 50V	
C7801	F2A1E101A096	E 100UF 25V	
C7802	F1J1H104A835	E 0.1UF K 50V	
C7803	F1J1H104A835	E 0.1UF K 50V	
C7804	F1J1H104A835	E 0.1UF K 50V	
C7805	F1J1H474A757	P 0.47UF 50V	
C7806	F1J1H474A757	P 0.47UF 50V	
C7807	ECKR3D221KBP	C 220PF K 2000V	
C7808	ECKR3D221KBP	C 220PF K 2000V	
C7851	F1B3J270A013	C 27PF J 6300V	
C7852	F1J1H471A721	C 470PF J 50V	
C7853	F1B3J270A013	C 27PF J 6300V	
C7854	F1J1H221A709	C 220PF J50V	
C7855	F1J1H104A835	E 0.1UF K 50V	
C7856	F1J1H104A835	E 0.1UF K 50V	
C7857	F1J1H474A757	P 0.47UF 50V	
C7858	F1J1E224A227	C 0.22UF K 25V	
C7860	F1J1C1050028	C 1UF K 16V	
C7861	F1J1H471A836	E 470PF J 50V	
C7862	F1J1A2250007	C 2.2UF K 10V	
C7863	F1J1H332A834	E 3300PF K 50V	
C7864	F1J1H103A834	E 10000PF K 50V	
C7865	F1J1H104A838	E 0.1UF Z 50V	
C7866	F1J1H104A835	E 0.1UF K 50V	
C7868	F1J1H104A835	E 0.1UF K 50V	
C7869	F1J1H103A834	E 10000PF K 50V	
C7870	F1J1H103A834	E 10000PF K 50V	
C7871	F1J1H103A834	E 10000PF K 50V	
C7872	F1J1H104A835	E 0.1UF K 50V	
C7874	F1J1H472A834	C 4700PF K 50V	
C7875	F1J1H472A834	C 4700PF K 50V	
C7877	F1J1H104A835	E 0.1UF K 50V	
C7882	F1B3J220A013	C 22PF J 6300V	
C7883	F1J1H222A721	C 2200PF J 50V	
C7884	F1J1H472A729	C 4700PF J 50V	
C7885	F2A1E101A096	E 100UF 25V	
C7886	F1J1H474A757	P 0.47UF 50V	
C7887	F1J1H104A835	E 0.1UF K 50V	
C7888	F1J1C1050028	C 1UF K 16V	
C8003	F1H0J1050012	P 1UF 6.3V	
C8005	F1H0J1050012	P 1UF 6.3V	
C8006	F1G1C104A116	E 0.1UF K 16V	
C8007	F1G1C104A116	E 0.1UF K 16V	

Ref. No.	Part No.	Part Name & Description	Remarks
C8008	F1G1C104A116	E 0.1UF K 16V	
C8009	F1J1A106A043	C 10UF	
C8010	F1J1A106A043	C 10UF	
C8011	F1G1C104A116	E 0.1UF K 16V	
C8012	F1G1C104A116	E 0.1UF K 16V	
C8013	F1G1C104A116	E 0.1UF K 16V	
C8014	F1G1C104A116	E 0.1UF K 16V	
C8015	F1H0J1050012	P 1UF 6.3V	
C8016	F1H0J1050012	P 1UF 6.3V	
C8017	F1J1A106A043	C 10UF	
C8018	F1G1C104A116	E 0.1UF K 16V	
C8019	F1G1C104A116	E 0.1UF K 16V	
C8020	F1G1C104A116	E 0.1UF K 16V	
C8021	F1G1C104A116	E 0.1UF K 16V	
C8022	F1H0J1050012	P 1UF 6.3V	
C8023	F1J1A106A043	C 10UF	
C8024	F1J1A106A043	C 10UF	
C8025	F1G1C104A116	E 0.1UF K 16V	
C8026	F1G1C104A116	E 0.1UF K 16V	
C8027	F1G1C104A116	E 0.1UF K 16V	
C8028	F1G1C104A116	E 0.1UF K 16V	
C8029	F1G1C104A116	E 0.1UF K 16V	
C8030	F1H0J1050012	P 1UF 6.3V	
C8031	F1H0J1050012	P 1UF 6.3V	
C8032	F1J1A106A043	C 10UF	
C8033	F1G1C104A116	E 0.1UF K 16V	
C8034	F1G1C104A116	E 0.1UF K 16V	
C8035	F1J1A106A043	C 10UF	
C8036	F1J1A106A043	C 10UF	
C8037	F1G1C104A116	E 0.1UF K 16V	
C8038	F1G1C104A116	E 0.1UF K 16V	
C8039	F1G1C104A116	E 0.1UF K 16V	
C8040	F1G1C104A116	E 0.1UF K 16V	
C8041	F1G1C104A116	E 0.1UF K 16V	
C8042	ECGRL0G680ER	E 68UF 4V	
C8043	F1G1C104A116	E 0.1UF K 16V	
C8044	F1G1C104A116	E 0.1UF K 16V	
C8045	F1G1C104A116	E 0.1UF K 16V	
C8046	F1G1C104A116	E 0.1UF K 16V	
C8047	F1G1C104A116	E 0.1UF K 16V	
C8048	F1G1C104A116	E 0.1UF K 16V	
C8049	F1G1C104A116	E 0.1UF K 16V	
C8050	F1G1C104A116	E 0.1UF K 16V	
C8051	F1G1C104A116	E 0.1UF K 16V	
C8052	F1H0J1050012	P 1UF 6.3V	
C8053	F1G1C103A116	C 0.01UF K 16V	
C8054	F1G1H150A731	E 15PF J 50V	
C8055	F1G1HR50A577	C 0.5PF C 50V	
C8056	F1G1C104A116	E 0.1UF K 16V	
C8057	F1G1C104A116	E 0.1UF K 16V	
C8058	F1J1A106A043	C 10UF	
C8063	F1H0J1050012	P 1UF 6.3V	
C8064	F1H0J1050012	P 1UF 6.3V	
C8065	F1G1C104A116	E 0.1UF K 16V	
C8067	F1G1C104A116	E 0.1UF K 16V	
C8069	F1G1H102A730	E 1000PF K 50V	
C8070	F1G1C104A116	E 0.1UF K 16V	
C8071	F1G1C104A116	E 0.1UF K 16V	
C8072	F1G1C104A116	E 0.1UF K 16V	
C8073	F1G1C104A116	E 0.1UF K 16V	
C8074	F1G1C104A116	E 0.1UF K 16V	

Ref. No.	Part No.	Part Name & Description	Remarks
C8075	F1J1A106A043	C 10UF	
C8076	F1G1C104A116	E 0.1UF K 16V	
C8077	F1G1C104A116	E 0.1UF K 16V	
C8078	F1G1C104A116	E 0.1UF K 16V	
C8079	F1G1C104A116	E 0.1UF K 16V	
C8080	F1G1C104A116	E 0.1UF K 16V	
C8081	F1G1C104A116	E 0.1UF K 16V	
C8082	F1G1H102A730	E 1000PF K 50V	
C8083	F1G1C104A116	E 0.1UF K 16V	
C8084	F1G1H102A730	E 1000PF K 50V	
C8085	F1G1C104A116	E 0.1UF K 16V	
C8086	F1G1C104A116	E 0.1UF K 16V	
C8087	F1G1C104A116	E 0.1UF K 16V	
C8088	F1G1C104A116	E 0.1UF K 16V	
C8089	F1G1C104A116	E 0.1UF K 16V	
C8090	F1G1C104A116	E 0.1UF K 16V	
C8092	F1G1C104A116	E 0.1UF K 16V	
C8093	F1G1C104A116	E 0.1UF K 16V	
C8094	F1G1C104A116	E 0.1UF K 16V	
C8095	F1G1C104A116	E 0.1UF K 16V	
C8096	F1G1C104A116	E 0.1UF K 16V	
C8097	F1G1C104A116	E 0.1UF K 16V	
C8098	F1G1C104A116	E 0.1UF K 16V	
C8099	F1G1C104A116	E 0.1UF K 16V	
C8100	F1G1C104A116	E 0.1UF K 16V	
C8101	F1G1C104A116	E 0.1UF K 16V	
C8102	F1G1C104A116	E 0.1UF K 16V	
C8201	F1G1C104A116	E 0.1UF K 16V	
C8202	F1G1C104A116	E 0.1UF K 16V	
C8306	F1G1A4740003	C 0.47UF Z 10V	
C8307	F1G1C104A116	E 0.1UF K 16V	
C8309	F1G1C104A116	E 0.1UF K 16V	
C8311	F1G1H120A731	E 12PF J 50V	
C8312	F1G1H120A731	E 12PF J 50V	
C8313	F1G1C104A116	E 0.1UF K 16V	
C8314	F1G1C104A116	E 0.1UF K 16V	
C8316	F1G1C271A117	C 270PF J 16V	
C8317	F1G1C271A117	C 270PF J 16V	
C8319	F1G1C104A116	E 0.1UF K 16V	
C8320	F1G1C104A116	E 0.1UF K 16V	
C8321	F1G1C104A116	E 0.1UF K 16V	
C8327	F1H1A225A051	P 2.2UF 10V	
C8328	F1H1A1050032	E 1UF K 10V	
C8329	F1G1C104A116	E 0.1UF K 16V	
C8330	F1G1C104A116	E 0.1UF K 16V	
C8331	F1G1C104A116	E 0.1UF K 16V	
C8332	F1G1C104A116	E 0.1UF K 16V	
C8333	F1G1C104A116	E 0.1UF K 16V	
C8334	F1G1C104A116	E 0.1UF K 16V	
C8335	F1G1C104A116	E 0.1UF K 16V	
C8336	F1G1C104A116	E 0.1UF K 16V	
C8340	F1G1C104A116	E 0.1UF K 16V	
C8508	F1G1C103A116	C 0.01UF K 16V	
C8510	F1J1A106A043	C 10UF	
C8532	F2G1C470A022	C 47UF J 16V	
C8533	F1G1C104A116	E 0.1UF K 16V	
C8535	F1G1C103A116	C 0.01UF K 16V	
C8544	F1J0G2260001	P 2.2UF 4V	
C8580	F1G1C104A116	E 0.1UF K 16V	
C8581	F1G1C104A116	E 0.1UF K 16V	

Ref. No.	Part No.	Part Name & Description	Remarks
C8582	F1G1C104A116	E 0.1UF K 16V	
C8583	F1G1C104A116	E 0.1UF K 16V	
C8584	F1G1C104A116	E 0.1UF K 16V	
C8619	F1G1H102A730	E 1000PF K 50V	
C8800	F1G1H102A730	E 1000PF K 50V	
C8953	F1G1H102A730	E 1000PF K 50V	

18.2.7. Others

Ref. No.	Part No.	Part Name & Description	Remarks
SW2600	ESB33535XFD	SWITCH	
SW2601	K0H1BA000445	SWITCH	
SW2602	K0H1BA000445	SWITCH	
SW2603	K0H1BA000445	SWITCH	
SW2604	K0H1BA000445	SWITCH	
SW2605	K0H1BA000445	SWITCH	
X1100	H0J100500035	CRYSTAL OSCILLATOR	
X2010	H0J245500089	CRYSTAL OSCILLATOR	
X4200	H0J270500113	CRYSTAL OSCILLATOR	
X8001	H0J270500120	CRYSTAL OSCILLATOR	
X8301	H0J300500027	CRYSTAL OSCILLATOR	
F7101	K5D502BNA005	FUSE	⚠
F7101-1	EYF52BC/L	FUSE BRACKET	
F7101-2	EYF52BC/L	FUSE BRACKET	
JK3001	K1FY315A0003	VGA TERMINAL	
JK3100A	K2HA9YYA0002	REAR AV TERMINAL	
JK3107	K4AK16B00001	SIDE AV TERMINAL	
JK4500	K1FY119D0006	HDMI TERMINAL	
JK4501	K1FY119D0006	HDMI TERMINAL	
JK4502	K1FY119E0005	HDMI TERMINAL	
JK4700	K1FY119D0006	HDMI TERMINAL	
JK8302	K1NA09E00080	SD CARD SOCKET	
RL7101	K6B1AGA00043	RELAY	⚠
RL7102	K6B1AGA00043	RELAY	⚠
RL7103	K6B1AGA00043	RELAY	⚠
RM2500	B3RAD0000127	REMOTE CONTROL RECEIVE	
SN2500	B3JB00000046	SENSOR	
TU2901	ENG37E18KF	TUNER	⚠
VR7851	EVMEASA00B14	TRIMMER POTENTIOMETER	
A01	K1KA04B00273	CONNECTOR	
A03	K1KY23AA0607	CONNECTOR	
A10	K1KA09B00112	CONNECTOR	
A11	K1KB51B00003	CONNECTOR	
A12	K1KA04AA0190	CONNECTOR	
A20	K1KA05A00466	CONNECTOR	
CN0100	K1KA08AA0714	CONNECTOR	
CN4201	K1KA07AA0266	CONNECTOR	
K01	K1KA04BA0047	CONNECTOR	
P1	K1KA02B00295	CONNECTOR	
P2	K1KY23AA0606	CONNECTOR	
P3	K1KA04AA0193	CONNECTOR	
P4	K1KA05AA0193	CONNECTOR	
P5	K1KY02B00011	CONNECTOR	
P6	K1KY02B00011	CONNECTOR	
V10	K1KA09B00112	CONNECTOR	
RTL	TXN/A10NXT	CIRCUIT BOARD A	⚠
RTL	TXN/K10NTT	CIRCUIT BOARD K	⚠
RTL	TXN/P10NWY	CIRCUIT BOARD P	⚠

Ref. No.	Part No.	Part Name & Description	Remarks
RTL	TXN/V10NXU	CIRCUIT BOARD V	⚠

19 SCHEMATIC DIAGRAM FOR PRINTING WITH A4