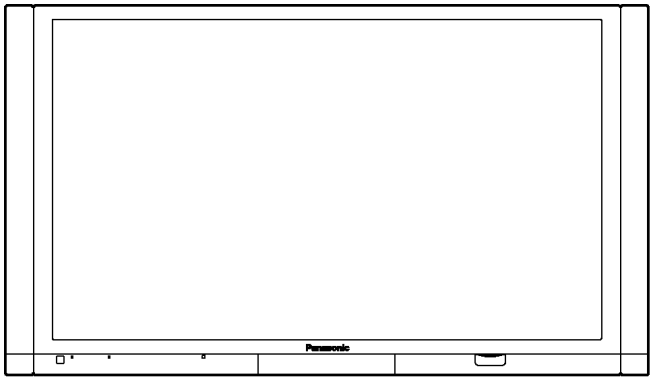
ORDER NO.ITD0609068CE

Service Manual

Plasma Television



TH-65PV600A
TH-65PV600M

GPF9DA Chassis

Specifications

Power Source	AC 220-240 V, 50 / 60 Hz
Power Consumption	
Average use	770 W
Standby condition	0.3 W
Plasma Display panel	
Drive method	AC type
Aspect Ratio	16:9
Visible screen size	165 cm
	1,434 mm (W) × 807 mm (H) × 1,646 mm (diagonal)
No. of pixels	2,073,600 (1,920 (W) × 1,080 (H)) [5,760 × 1,080 dots]
Sound	
Audio Output	30 W (15 W + 15 W), 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 Systems / Band name (M model)

17 Systems		Function
1	PAL B, G, H	Reception of broadcast transmissions and Playback from Video Cassette Tape Recorders
2	PAL I	
3	PAL D, K	
4	SECAM B, G	
5	SECAM D, K	
6	SECAM K1	
7	NTSC M (NTSC 3.58/4.5 MHz)	

17 Systems		Function
8	NTSC 4.43/5.5 MHz	Playback from Special VCR's or DVD
9	NTSC 4.43/6.0 MHz	
10	NTSC 4.43/6.5 MHz	
11	NTSC 3.58/5.5 MHz	
12	NTSC 3.58/6.0 MHz	
13	NTSC 3.58/6.5 MHz	
14	SECAM I	
15	PAL 60 Hz/5.5 MHz	Playback from Special Disc Players and Special VCR's or DVD
16	PAL 60 Hz/6.0 MHz	
17	PAL 60 Hz/6.5 MHz	

Receiving Systems / Band name (A model)

1. PAL B/G	Reception of Off air broadcasts
2. NTSC 4.43 3. NTSC 3.58 4. PAL 60Hz	Playback from Video Tape Recorders Playback from Special Video Tape Recorders and Special Video Disc Players (Via the AV Sockets) only.

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Receiving Channels	VHF BAND	
(Regular TV) (M model)	2-12 (PAL/SECAM B, K1)	
	0-12 (PAL B AUST.)	
	1-9 (PAL B N.Z.)	
	1-12 (PAL/SECAM D)	
	1-12 (NTSC M Japan)	
	2-13 (NTSC M USA)	
	UHF BAND	
	21-69 (PAL G, H, I/SECAM G, K, K1)	
	28-69 (PAL B AUST.)	
	13-57 (PAL D, K)	
	13-62 (NTSC M Japan)	
	14-69 (NTSC M USA)	
	CATV	
	S1-S20 (OSCAR)	
	1-125 (USA CATV)	
	C13-C49 (JAPAN)	
	S21-S41 (HYPER)	
	Z1-Z37 (CHINA)	
	5A, 9A (AUST.)	
Receiving Channels	VHF 0 to 12	PAL B
(Regular TV) (A model)	UHF 21 to 69	PAL B/G
	S'1 to S'3	HYPER TUNER
	S1 to S41	
Aerial - Rear	VHF / UHF	
Operating Conditions	Temperature : 0 °C - 40 °C	
Connection Terminals		
AV1 Input		
AUDIO L - R	RCA PIN Type × 2	0.5 V[rms]
VIDEO	RCA PIN Type × 1	1.0 V[p-p] (75 Ω)
S VIDEO	Mini DIN 4-pin	Y:1.0 V[p-p] (75 Ω) C:0.286 V[p-p] (75 Ω)
AV2 Input		
AUDIO L - R	RCA PIN Type × 2	0.5 V[rms]
VIDEO	RCA PIN Type × 1	1.0 V[p-p] (75 Ω)
COMPONENT	Y	1.0 V[p-p] (including synchronization)
	P_B/C_B, P_R/C_R	±0.35 V[p-p]
AV3 Input		
AUDIO L - R	RCA PIN Type × 2	0.5 V[rms]
VIDEO	RCA PIN Type × 1	1.0 V[p-p] (75 Ω)
COMPONENT	Y	1.0 V[p-p] (including synchronization)
	P_B/C_B, P_R/C_R	±0.35 V[p-p]
AV4 Input		
AUDIO L - R	RCA PIN Type × 2	0.5 V[rms]
VIDEO	RCA PIN Type × 1	1.0 V[p-p] (75 Ω)
S VIDEO	Mini DIN 4-pin	Y:1.0 V[p-p] (75 Ω) C:0.286 V[p-p] (75 Ω)
Others		
HDMI1/2/3 Input	TYPE A Connectors	
PC Input	HIGH-DENSITY D-SUB 15PIN	R, G, B/0.7 V[p-p] (75 Ω)
		HD, VD/TTL Level 2.0 - 5.0 V[p-p] (high impedance)
Audio Input	RCA PIN Type × 2	0.5 V[rms]
Card slot	SD CARD slot × 1	
Monitor Output		
AUDIO L - R	RCA PIN Type × 2	0.5 V[rms] (high impedance)
VIDEO	RCA PIN Type × 1	1.0 V[p-p] (75 Ω)

Dimensions (W × H × D)	1,554 mm × 985 mm × 145 mm (TV only)
	1,754 mm × 1,058 mm × 419 mm (With pedestal and speakers)
Weight	79.0 kg Net (TV only)
	110.0 kg Net (With pedestal and speakers)

⚠ WARNING

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

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1 Applicable signals

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		*

PC (D-sub 15P)

Signal name	Horizontal frequency (kHz)	Vertical frequency (Hz)
640 × 400 @70 Hz	31.46	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
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
Macintosh13” (640 × 480)	35.00	66.67
Macintosh16” (832 × 624)	49.72	74.54
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.

2 Safety Precautions

2.1. 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.

2.2. Touch-Current Check

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

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

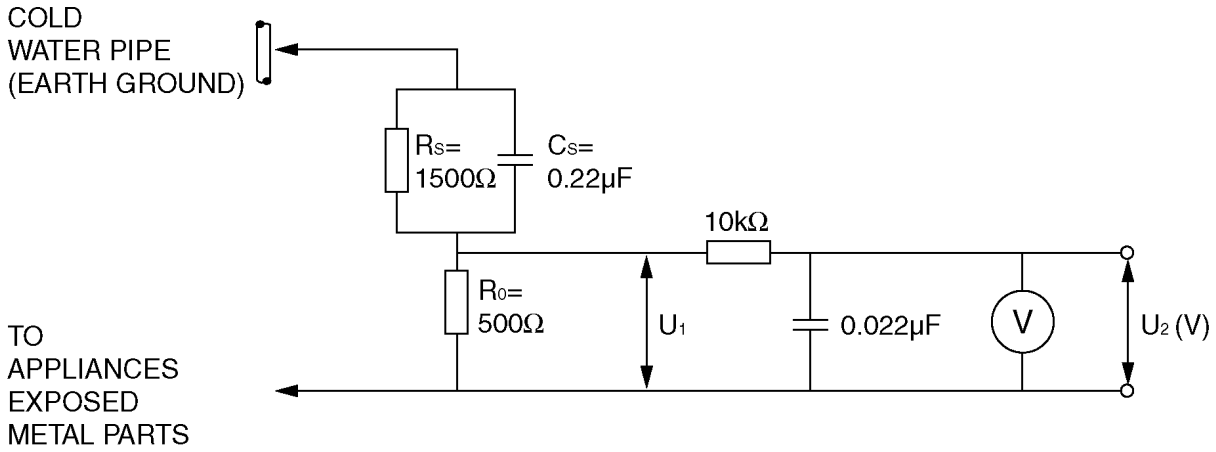
   For d. c.: U_1 = 1.0 V,

   Note:

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

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

Measuring network for TOUCH CURRENTS



Resistance values in ohms (Ω)

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

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

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

Figure 1

3 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 alminum 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.

4 About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

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

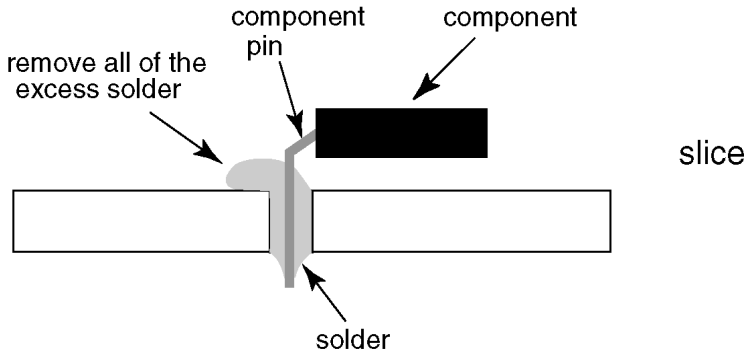
This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

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

Caution

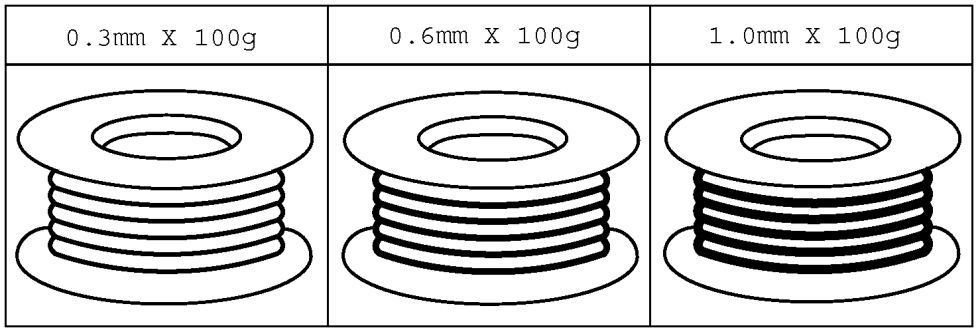
- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).

  If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



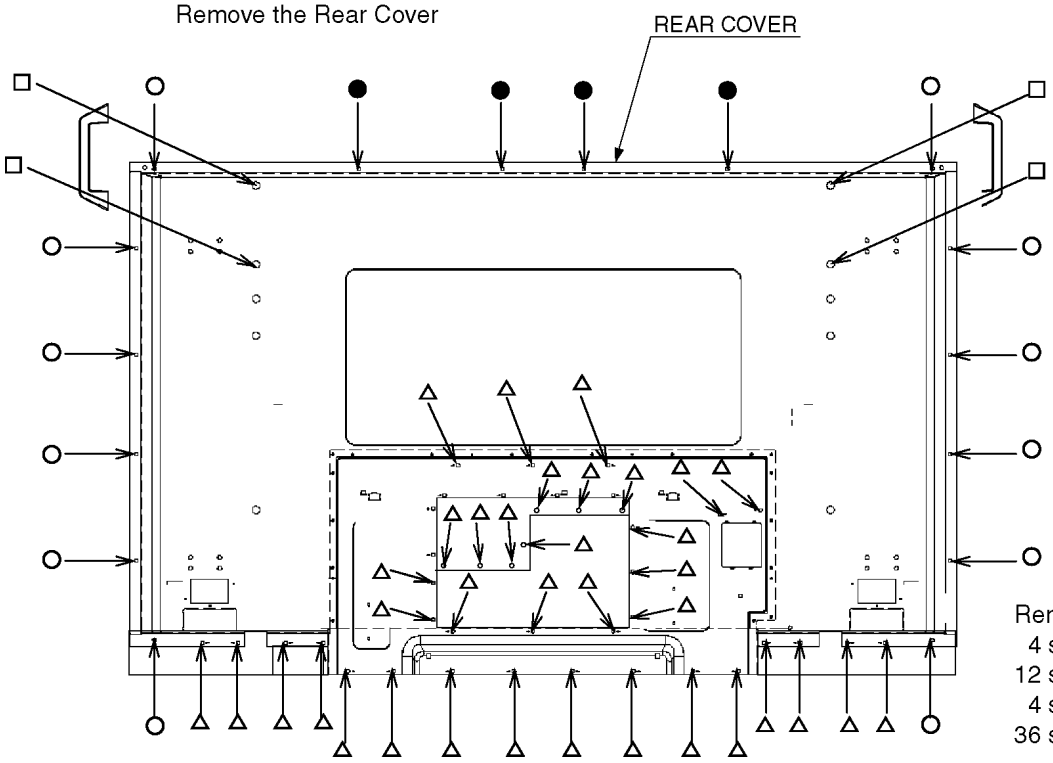
Suggested Pb free solder

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

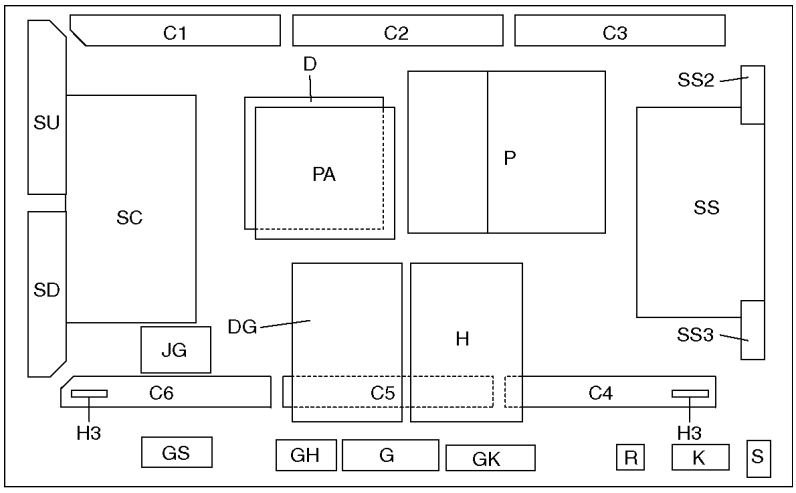


5 Service Hint

Remove the Rear Cover



Remove:
4 screws (●) XYN4+F10FJK
12 screws (○) XYN4+F38FJK
4 screws (□) XYN8+F30FJK
36 screws (△) THEL0429



Board Name	Function	Board Name	Function
P	Power Supply	C1	Data Driver (Upper Right)
PA	DC-DC Converter Speaker out, Audio AMP, Fan Control	C2	Data Driver (Upper Center)
		C3	Data Driver (Upper Left)
H	AV Terminal, AV Switch	C4	Data Driver (Lower Left)
DG	Digital Signal Processor, Micom, HDMI Interface	C5	Data Driver (Lower Center)
JG	SD Card Signal Processor	C6	Data Driver (Lower Right)
D	Format Converter, Plasma AI, Sub-Field Processor	SC	Scan Drive
GS	SD Card Slot	SU	Scan out (Upper)
R	Remote receiver	SD	Scan out (Lower)
K	Power LED	SS	Sustain Drive
S	Power Switch	SS2	Sustain Connector (Upper)
G	Front Terminal	SS3	Sustain Connector (Lower)
GK	Key Switch		
GH	HDMI Interface		

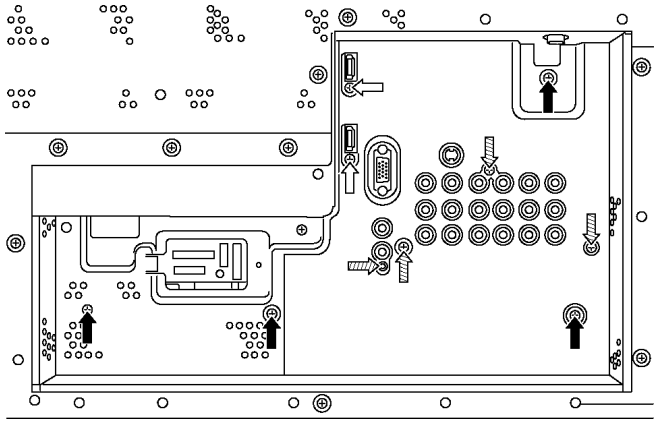
6 Plasma panel replacement method

6.1. Remove the Back cover

1. See Service Hint (Section 5)

6.2. Remove the rear terminal cover

1. Remove the screws (×4 ➡, ×2 ⇨, ×4 ⇨).
2. Remove the rear terminal cover.

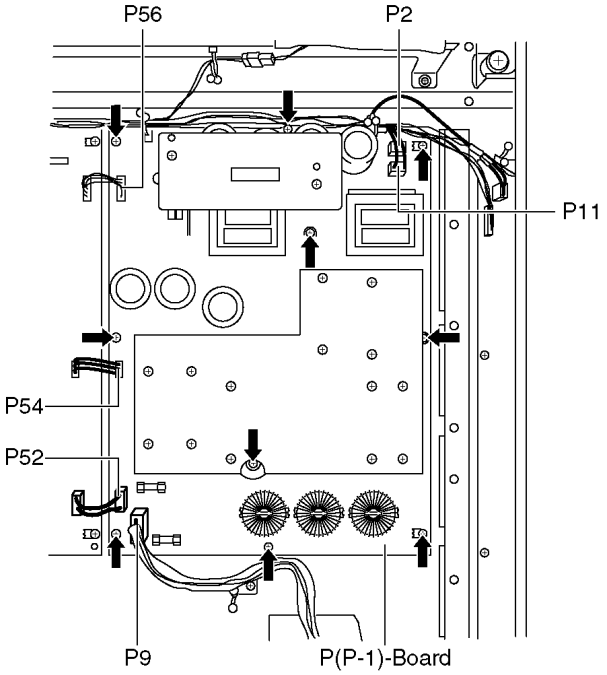


6.3. Remove the P(P-1)-Board

Caution:

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

1. Disconnect the couplers (P2, P9, P11, P52, P54 and P56).
2. Remove the screws (×10 ➡) and remove the P(P-1)-Board.

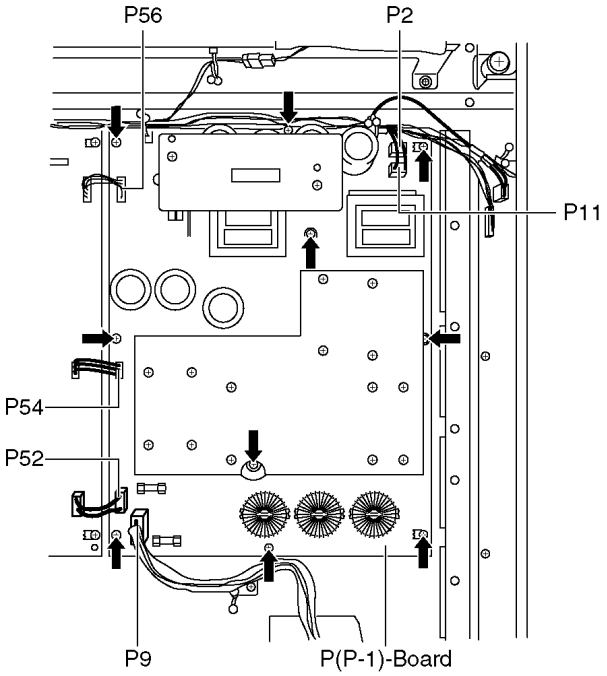


6.4. Remove the P(P-2)-Board

Caution:

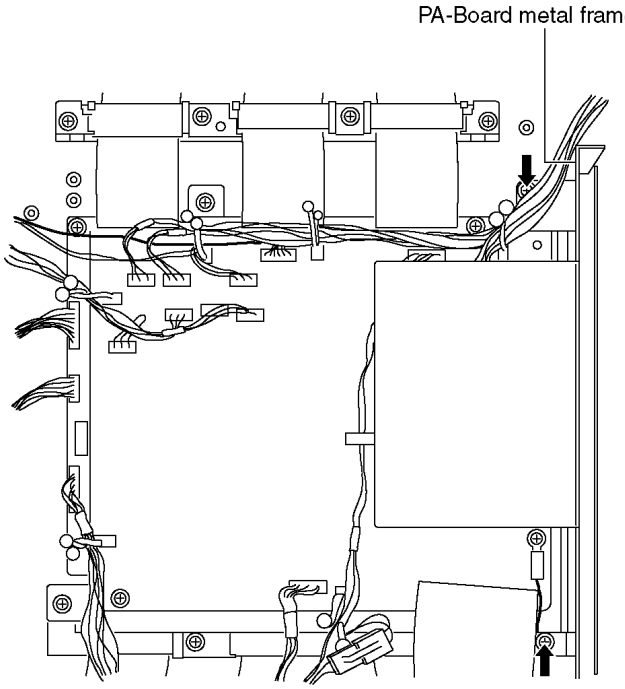
To remove P.C.B. wait 1 minute after power was off for discharge from electrolysis capacitors.

1. Disconnect the couplers (P5, P10, P12, P23, P25, P51, P53 and P55).
2. Remove the screws (×9 ➡) and remove the P(P-2)-Board.

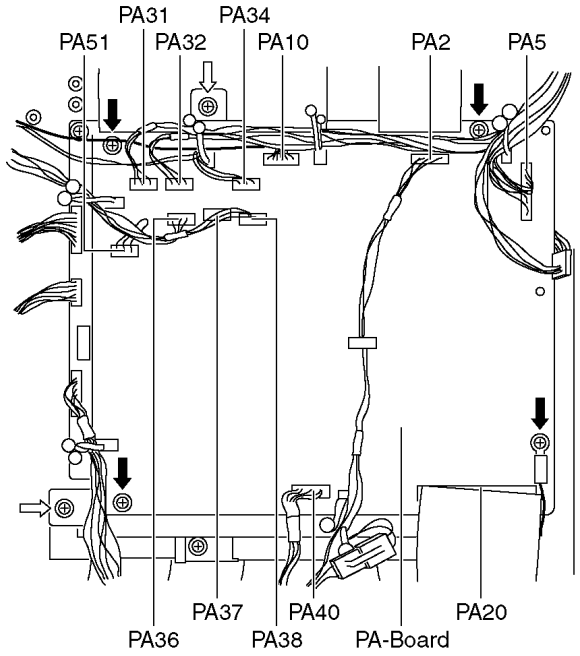


6.5. Remove the PA-Board

1. Remove the screws (×2 ➡) and remove the PA-Board metal frame.

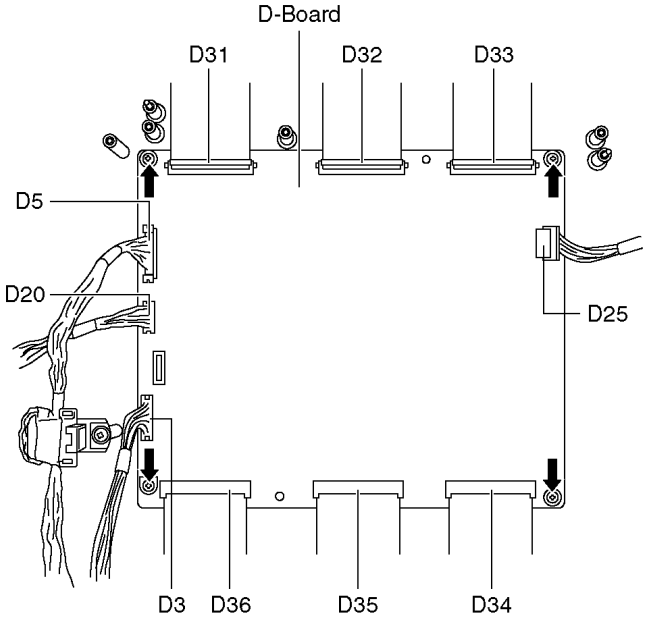


2. Unlock the cable clampers to free the cable.
3. Disconnect the couplers (PA2, PA5, PA10, PA31, PA32, PA36, PA37, PA38, PA51 and PA40).
4. Disconnect the flexible cable (PA20).
5. Remove the screws (×2 ⇨) and remove the PA-Board unit.
6. Remove the screws (×4 ➡) and remove the PA-Board.



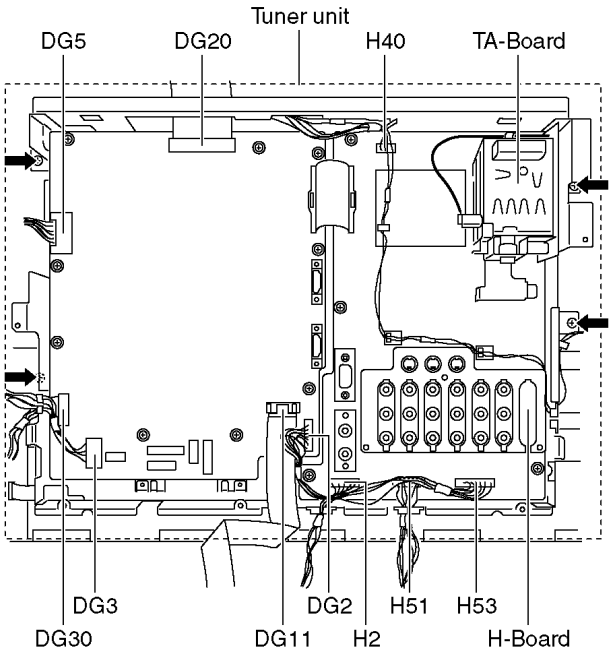
6.6. Remove the D-Board

1. Remove the PA-Board unit. (See section 6.5.)
2. Disconnect the couplers (D3, D5, D20 and D25).
3. Disconnect the flexible cables (D31, D32, D33, D34, D35 and D36).
4. Remove the screws (×4 ➡) and remove the D-Board.



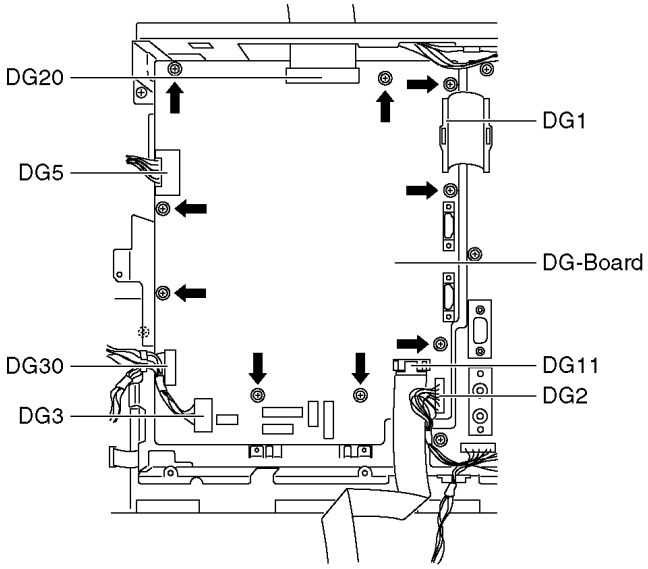
6.7. Remove the tuner unit

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (DG2, DG3, DG5, DG30, H2, H40, H51, H53 and relay couplers).
3. Disconnect the flexible cables (DG11 and DG20).
4. Remove the screws (×4 ➡) remove the tuner unit.



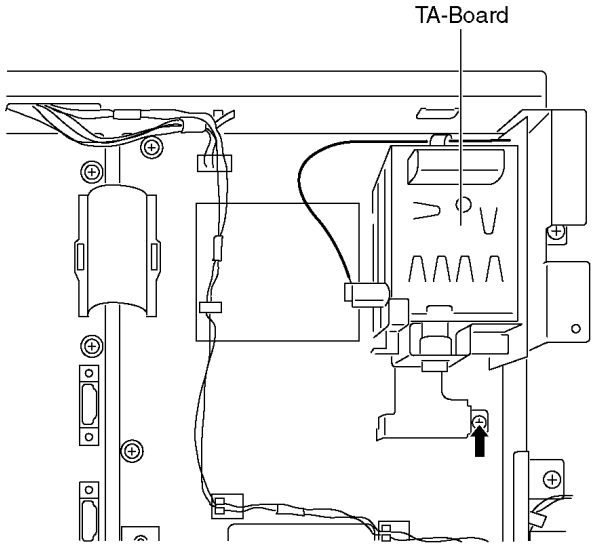
6.8. Remove the DG-Board

1. Disconnect the couplers (DG2, DG3, DG5 and DG90).
2. Disconnect the flexible cables (DG1, DG11 and DG20).
3. Remove the screw (×9 ➡) and remove the DG-Board.



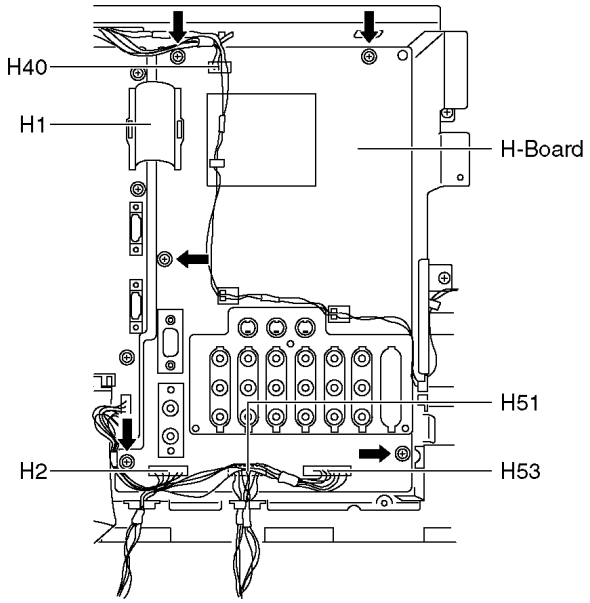
6.9. Remove the TA-Board

1. Remove the screw (×1 ➡) and remove the TA-Board.



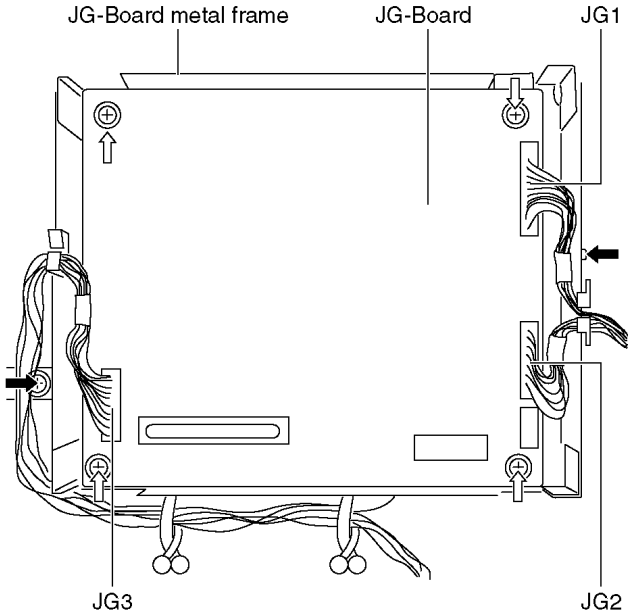
6.10. Remove the H-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (H2, H40, H51 and H53).
3. Disconnect the flexible cable (H1).
4. Remove the screws (×5 ➡) and remove the H-Board.



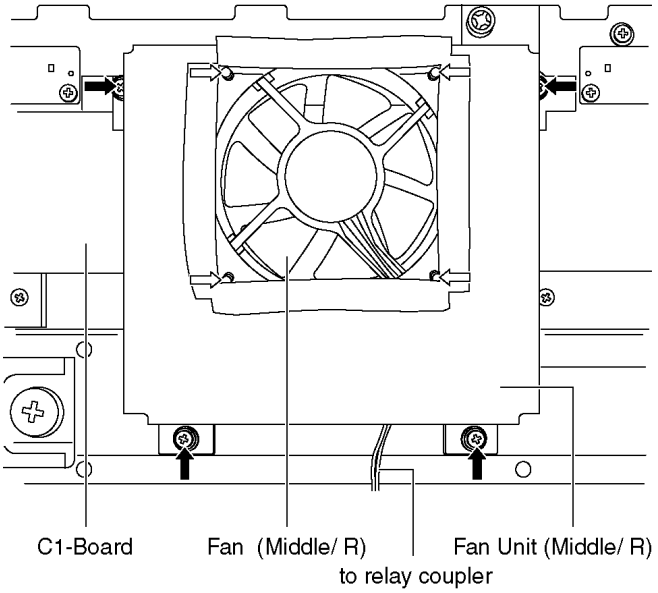
6.11. Remove the JG-Board

1. Remove the screws (×2 ➡) and remove the JG-Board metal frame.
2. Disconnect the couplers (JG1, JG2 and JG3).
3. Remove the screws (×4 ⇨) and remove the JG-Board.



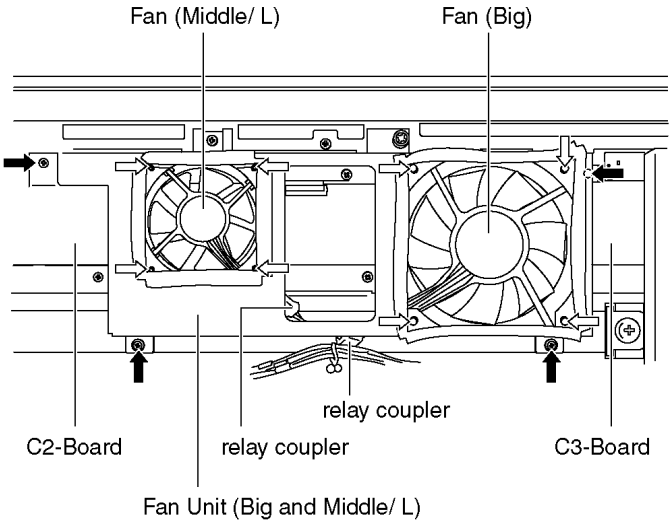
6.12. Remove the Fan (Middle/R)

1. Disconnect the relay couper.
2. Remove the screws (×4 ➡) and remove the Fan unit (Middle/R).
3. Remove the screws (×4 ⇨) and remove the Fan (Middle/R).



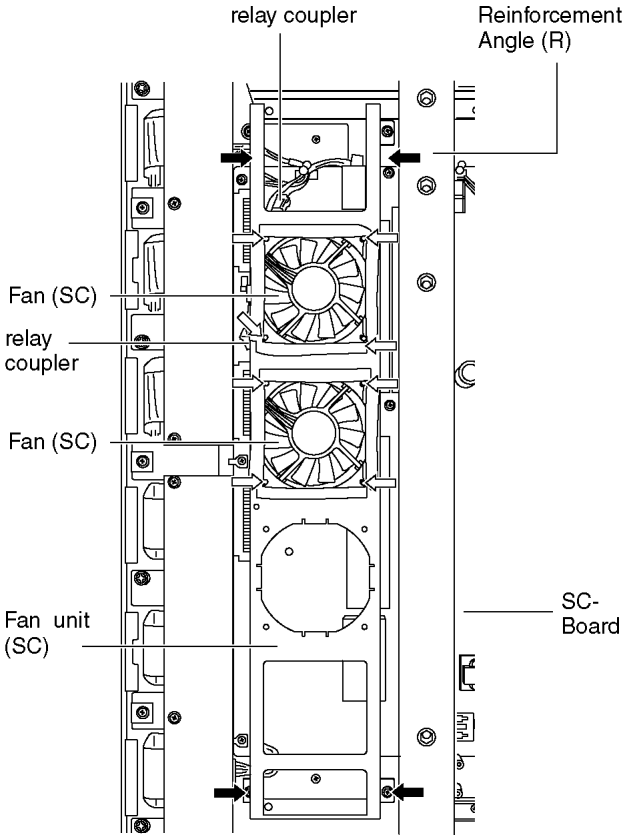
6.13. Remove the Fan (Big and Middle/L)

1. Disconnect the relay coupers.
2. Remove the screws (×4 ➡) and remove the Fan unit (Big and Middle/L).
3. Remove the screws (×8 ⇨) and remove the Fan (Big) and the Fan (Middle/L).



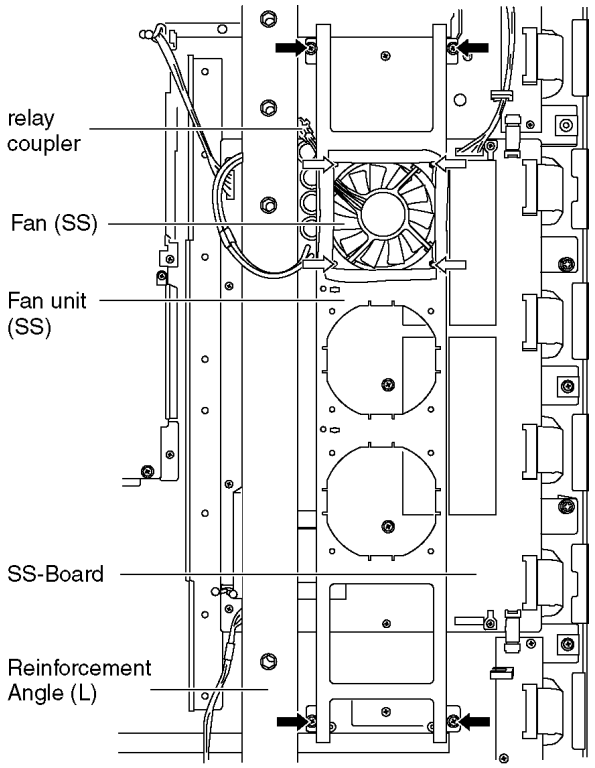
6.14. Remove the Fan (SC)

1. Disconnect the relay coupers.
2. Remove the screws (×4 ➡) and remove the Fan unit (SC).
3. Remove the screws (×8 ⇨) and remove the Fans (SC×2).



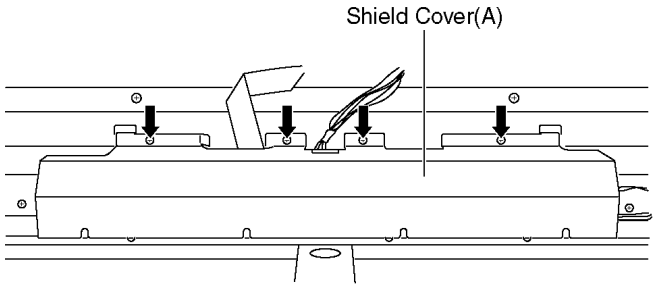
6.15. Remove the Fan (SS)

1. Disconnect the relay coupers.
2. Remove the screws (×4 ➡) and remove the Fan unit (SS).
3. Remove the screws (×4 ⇨) and remove the Fan (SS).



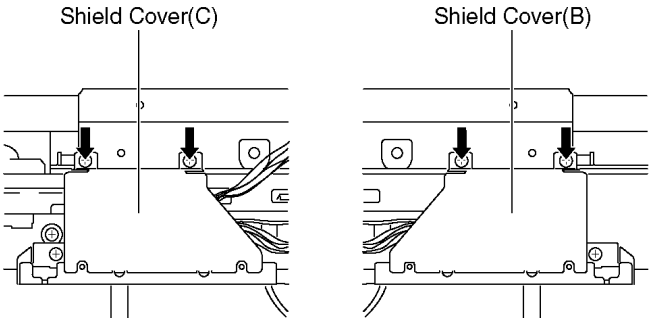
6.16. Remove the Shield cover (A)

1. Remove the screws (×4 ➡).
2. Remove the Shield cover (A).



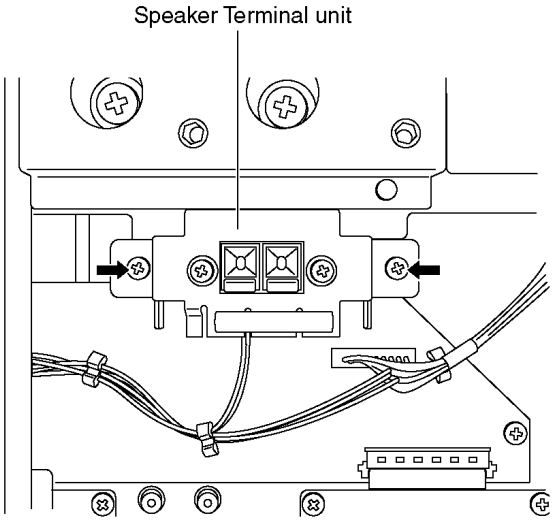
6.17. Remove the Shield cover (B) and (C)

1. Remove the screws (×2 ➡ each).
2. Remove the Shield cover (B) and (C).

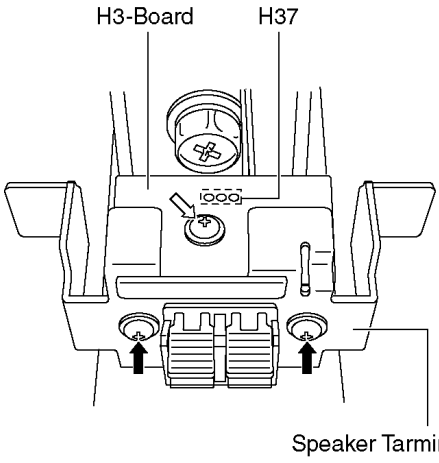


6.18. Remove the H3-Board (L, R)

1. Remove the screws (×2 ➡ each) and remove the Speaker Terminal unit (L, R).

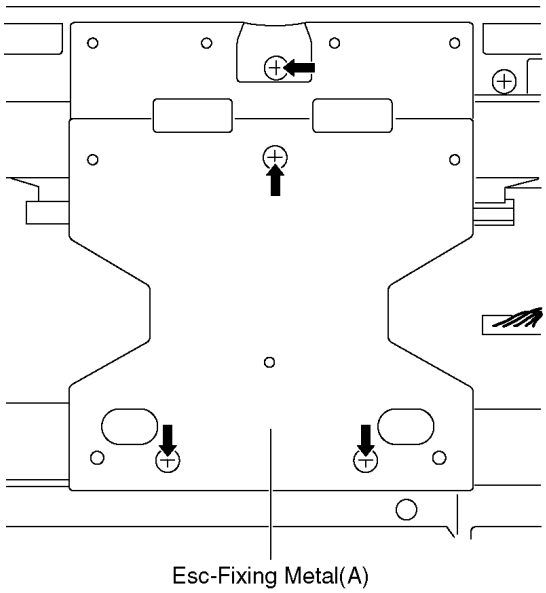


2. Remove the screw (×1 ⇨ each) and the screws (×2 ➡ each).
3. Disconnect the coupler (H37).
4. Remove the H3-Board.



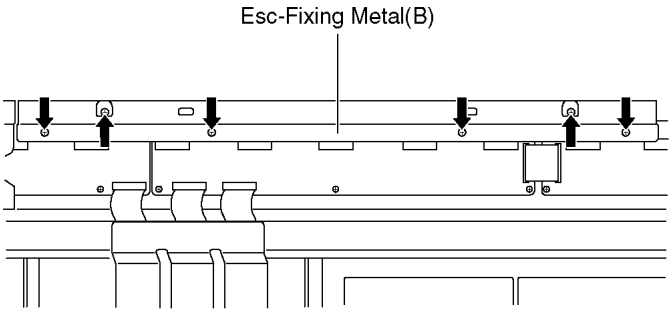
6.19. Remove the Esc-fixing metal (A)

1. Remove the screws (×4 ➡ each).
2. Remove the Esc-fixing metal (A).



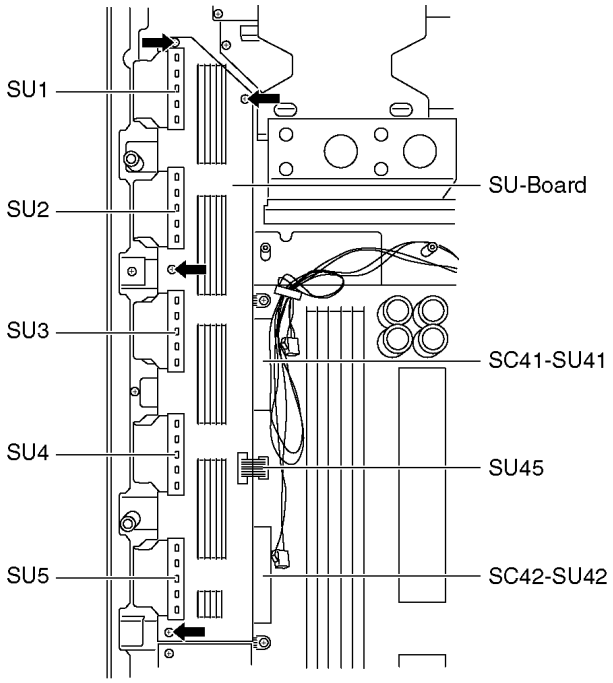
6.20. Remove the Esc-fixing metal (B)

1. Remove the screws (×6 ➡ each).
2. Remove the Esc-fixing metal (B).



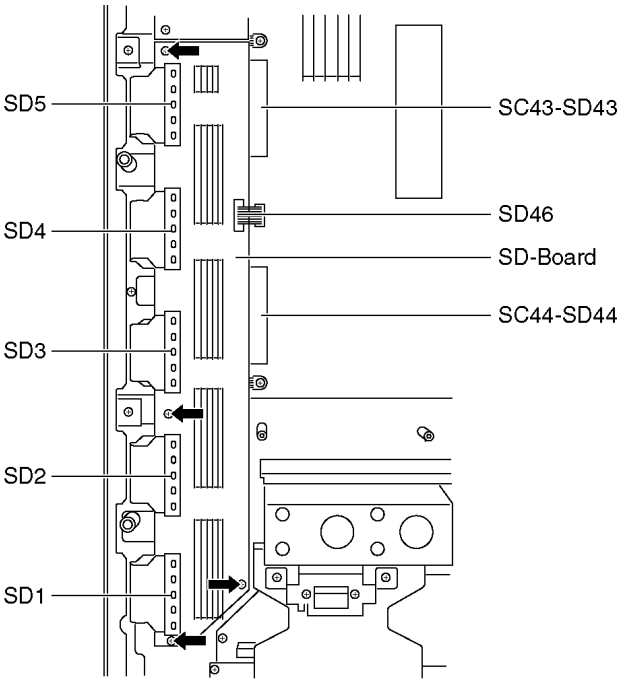
6.21. Remove the SU-Board

1. Remove the screws (×4 ➡).
2. Remove the flexible cables (SU1, SU2, SU3, SU4 and SU5) connected to the SU-Board and remove the bridge connector (SU45).
3. Slide the SU-Board to the left to disconnect from couplers (SC41-SU41 and SC42-SU42) on the SC-Board and remove the SU-Board.



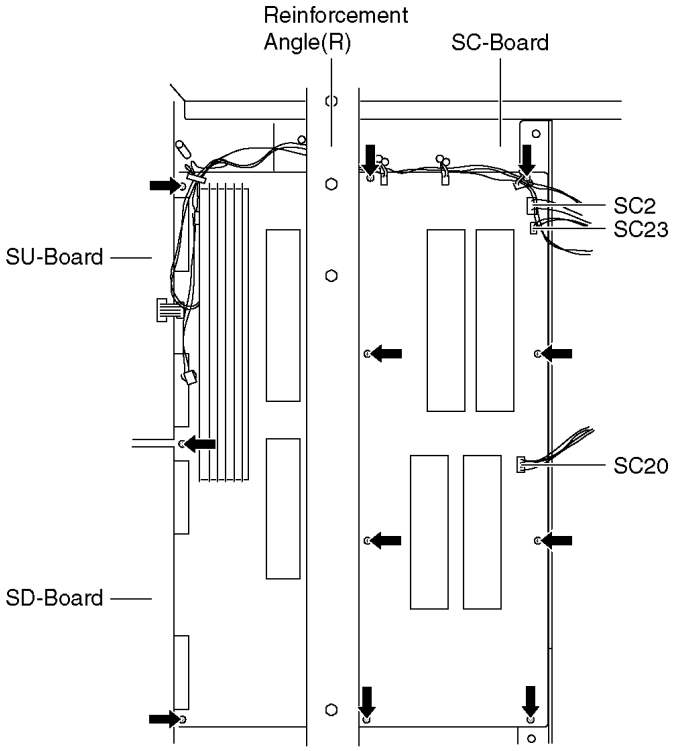
6.22. Remove the SD-Board

1. Remove the screws (×4 ➡).
2. Remove the flexible cables (SD1, SD2, SD3, SD4 and SD5) connected to the SD-Board and remove the bridge connector (SD46).
3. Slide the SD-Board to the left to disconnect from couplers (SC43-SD43 and SC44-SD44) on the SC-Board and remove the SD-Board.



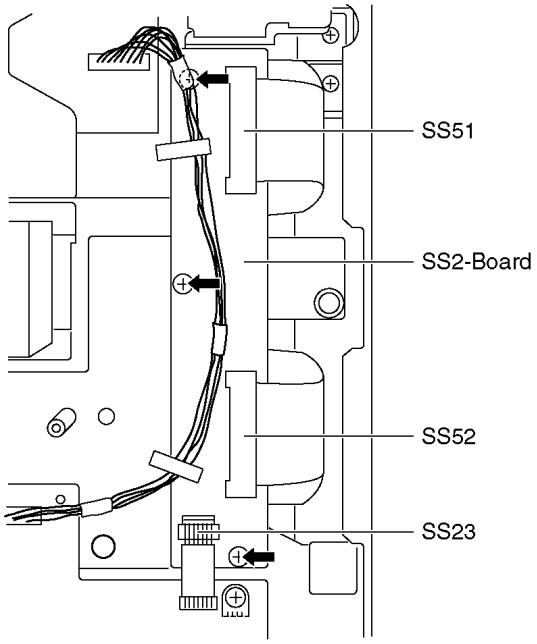
6.23. Remove the SC-Board

1. Unlock the cable clampers to free the cable.
2. Remove the Fan (SC). (See section 6.14.)
3. Remove the SU-Board and SD-Board. (See section 6.21. and 6.22.)
4. Disconnect the couplers (SC2, SC20 and SC23).
5. Remove the screws (×10 ➡) and remove the SC-Board.



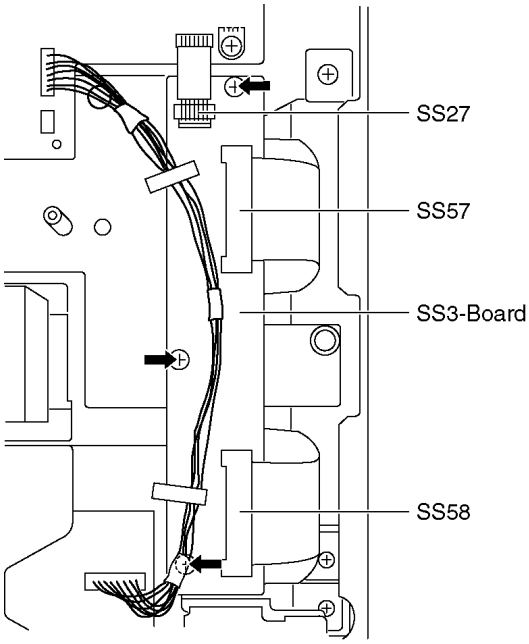
6.24. Remove the SS2-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the coupler (SS23) and disconnect the flexible cables (SS51 and SS52).
3. Remove the screws (×3 ➡) and remove the SS2-Board.



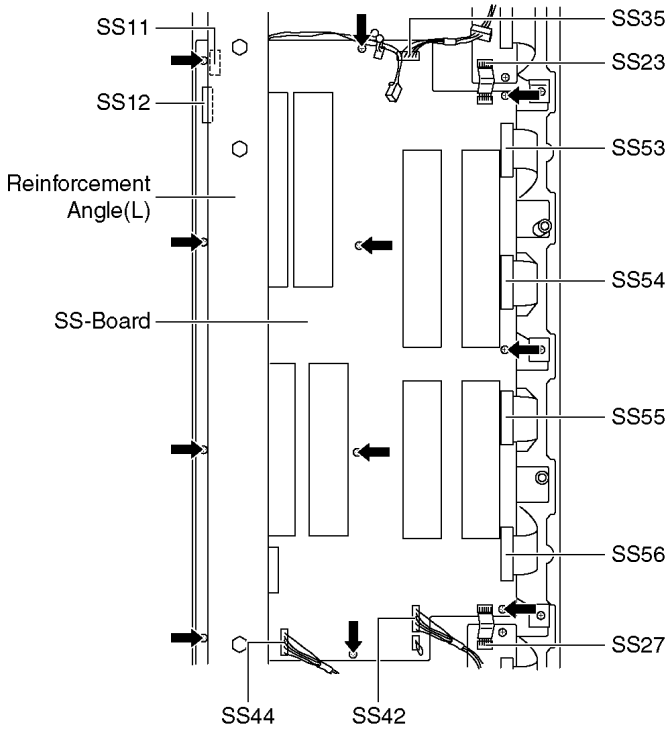
6.25. Remove the SS3-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the coupler (SS27) and disconnect the flexible cables (SS57 and SS58).
3. Remove the screws (×3 ➡) and remove the SS3-Board.



6.26. Remove the SS-Board

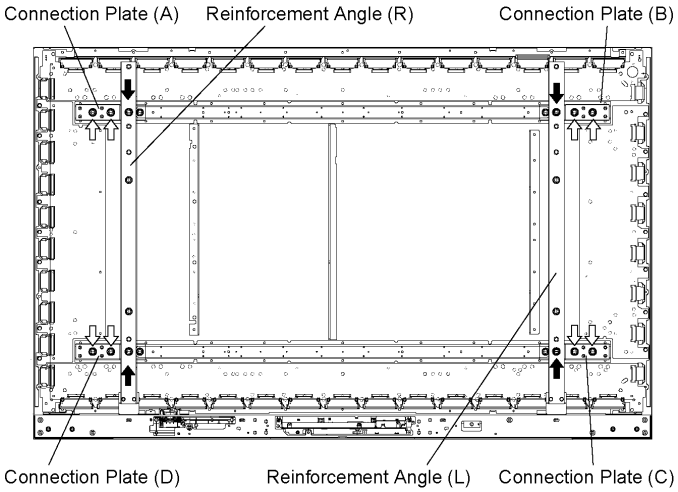
1. Unlock the cable clampers to free the cable.
2. Remove the Fan (SS). (See section 6.15.)
3. Disconnect the couplers (SS11, SS12, SS23, SS27, SS35, SS42 and SS44).
4. Disconnect the flexible cables (SS53, SS54, SS55 and SS56).
5. Remove the screws (×10 ➡) and remove the SS-Board.



6.27. Remove the Reinforcement Angles (L, R) and the Connection Plate (A, B, C, D)

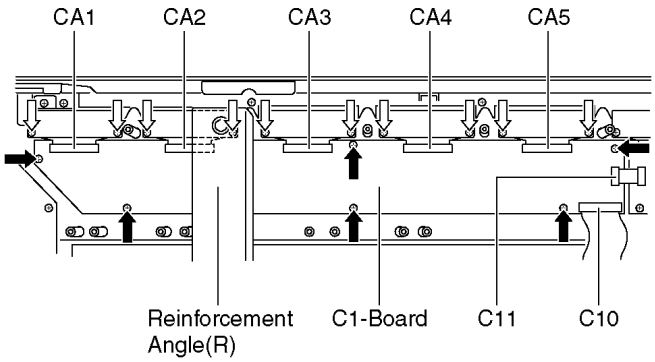
1. Remove the plasma panel section from the servicing stand and lay on a flat surface such as a table (covered), with the plasma panel surface facing downward.

   Spread a soft cloth or similar on the table for protection, so the panel surface is not scratched.
2. Remove the screws (×2 ➡ each) and remove the Reinforcement Angles (L, R).
3. Remove the screws (×2 ⇨ each) and remove the Connection Plate (A, B, C, D).



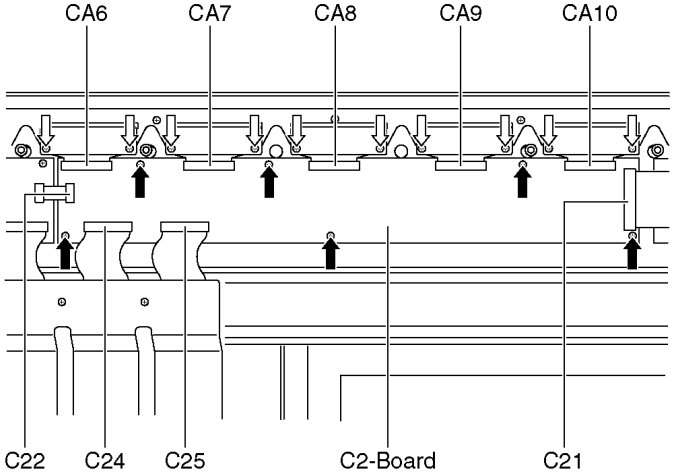
6.28. Remove the C1-Board

1. Remove the Fan unit (Middle/R). (See section 6.12.)
2. Remove the Esc-fixing metal (A) and (B). (See section 6.19. and 6.20.)
3. Remove the Reinforcement Angle (R). (See section 6.27.)
4. Remove the flexible cables holder fastening screws (×10 ⇨).
5. Disconnect the flexible cables (CA1, CA2, CA3, CA4 and CA5).
6. Disconnect the flexible cables (C10 and C11).
7. Remove the screws (×6 ➡) and remove the C1-Board.



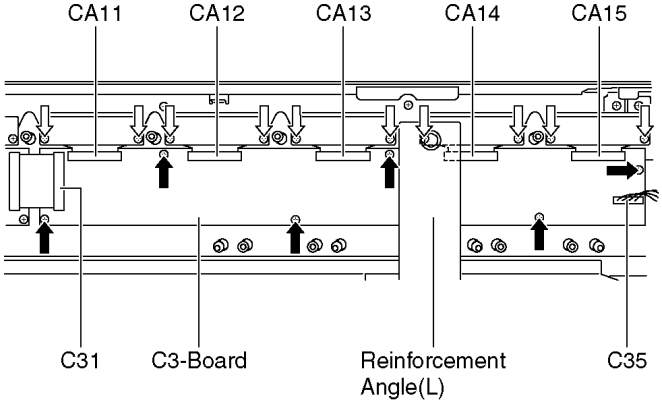
6.29. Remove the C2-Board

1. Remove the Fan unit (Big and Middle/L). (See section 6.13.)
2. Remove the Esc-fixing metal (B). (See section 6.20.)
3. Remove the flexible cables holder fastening screws (×10 ⇨).
4. Disconnect the flexible cables (CA6, CA7, CA8, CA9, and CA10).
5. Disconnect the flexible cables (C21, C22, C24 and C25).
6. Remove the screws (×6 ➡) and remove the C2-Board.



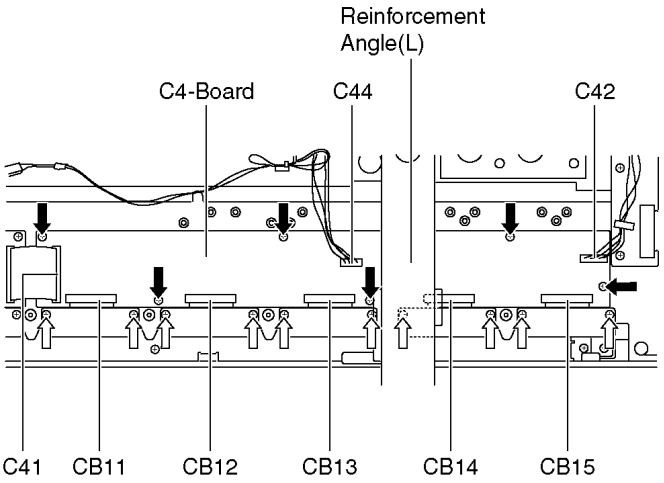
6.30. Remove the C3-Board

1. Remove the Fan unit (Big and Middle/L). (See section 6.13.)
2. Remove the Esc-fixing metal (A) and (B). (See section 6.19. and 6.20.)
3. Remove the Reinforcement Angle (L). (See section 6.27.)
4. Remove the flexible cables holder fastening screws (×10 ⇨).
5. Disconnect the flexible cables (CA11, CA12, CA13, CA14 and CA15).
6. Disconnect the flexible cable (C31).
7. Disconnect the coupler (C35).
8. Remove the screws (×6 ➡) and remove the C3-Board.



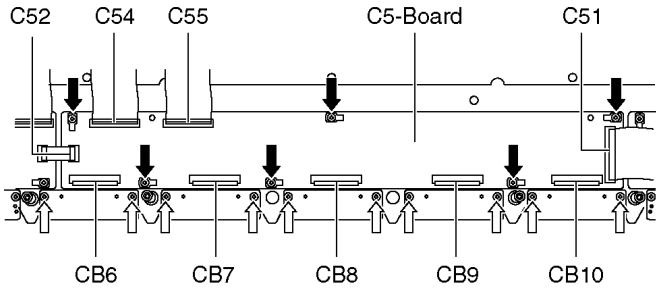
6.31. Remove the C4-Board

1. Remove the Speaker Terminal unit (L). (See section 6.18.)
2. Remove the Esc-fixing metal (A) and (B). (See section 6.19. and 6.20)
3. Remove the Reinforcement Angle (L). (See section 6.27.)
4. Remove the flexible cables holder fastening screws (×10 ⇨).
5. Disconnect the flexible cables (CB11, CB12, CB13, CB14 and CB15).
6. Disconnect the flexible cable (C41).
7. Disconnect the couplers (C42 and C44).
8. Remove the screws (×6 ➡) and remove the C4-Board.



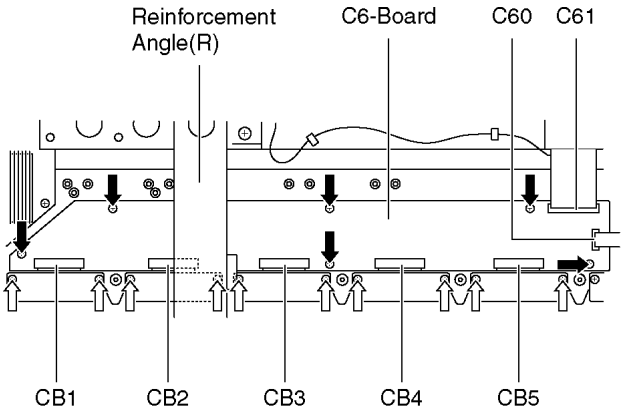
6.32. Remove the C5-Board

1. Remove the tuner unit. (See section 6.7.)
2. Remove the Esc-fixing metal (B). (See section 6.20.)
3. Remove the flexible cables holder fastening screws (×10 ⇨).
4. Disconnect the flexible cables (CB6, CB7, CB8, CB9 and CB10).
5. Disconnect the flexible cables (C51, C52, C54 and C55).
6. Remove the screws (×6 ➡) and remove the C5-Board.



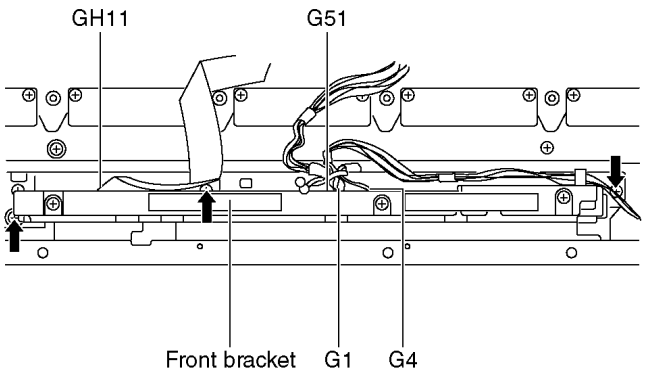
6.33. Remove the C6-Board

1. Remove the Speaker Terminal unit (R). (See section 6.18.)
2. Remove the Esc-fixing metal (A) and (B). (See section 6.19. and 6.20.)
3. Remove the Reinforcement Angle (R). (See section 6.27.)
4. Remove the flexible cables holder fastening screws (×10 ⇨).
5. Disconnect the flexible cables (CB1, CB2, CB3, CB4 and CB5).
6. Disconnect the flexible cables (C60 and C61).
7. Remove the screws (×6 ➡) and remove the C6-Board.



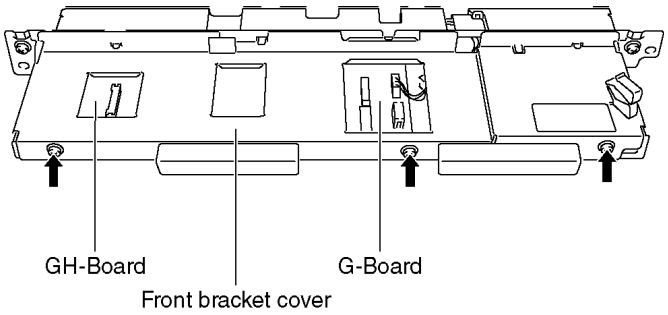
6.34. Remove the front bracket

1. Remove the Shield cover (A). (See section 6.16.)
2. Unlock the cable clampers to free the cable.
3. Disconnect the couplers (G1, G4 and G51).
4. Disconnect the flexible cable (GH11).
5. Remove the screws (×2 ➡) and remove the front bracket.

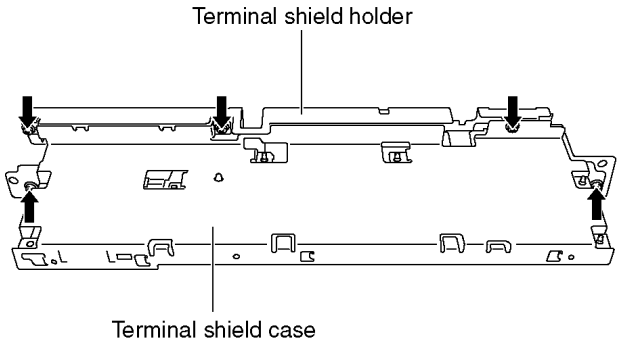


6.35. Remove the G-Board, GH-Board and GK-Board

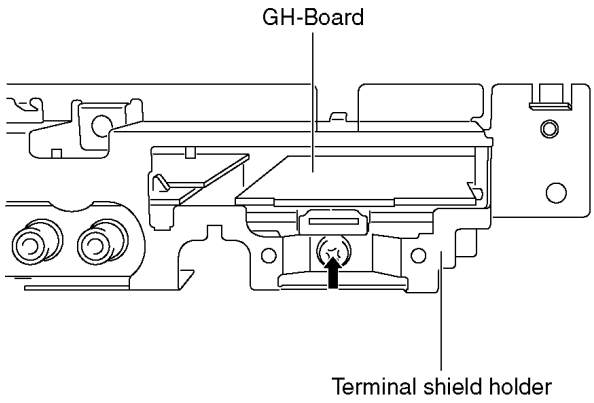
1. Remove the front bracket. (See section 6.34.)
2. Remove the screws (×3 ➡) and remove the front bracket cover.



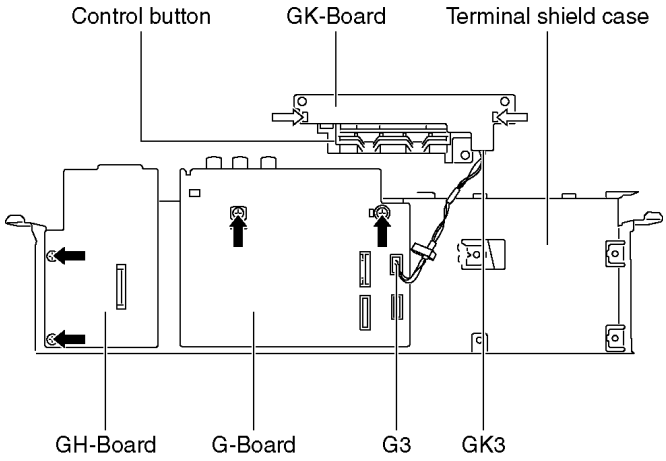
3. Remove the screws (×5 ➡).



4. Remove the screws (×1 ➡) and remove the terminal shield holder.

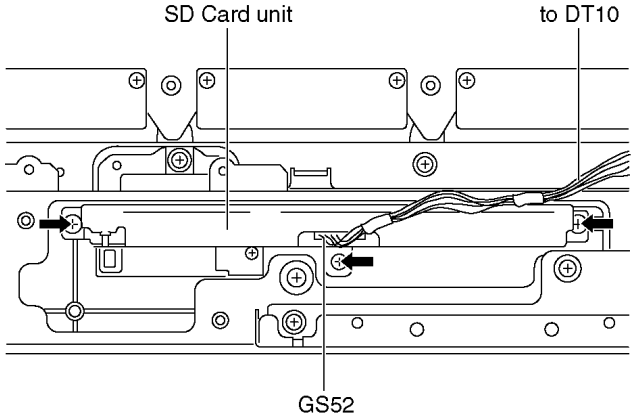


5. Remove the screws (×4 ➡) and disconnect the couplers (G3-GK3).
6. Remove the G-Board and GH-Board.
7. Release the control button claws (×2 ⇨).
8. Remove the GK-Board.

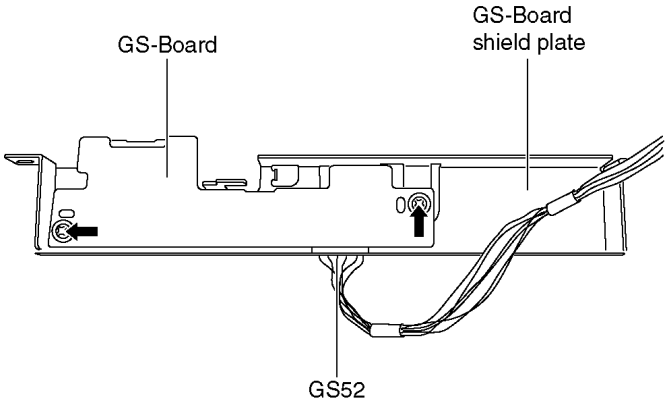


6.36. Remove the GS-Board

1. Remove the Shield cover (B). (See section 6.17.)
2. Remove the screws (×3 ➡).
3. Remove the SD card unit.

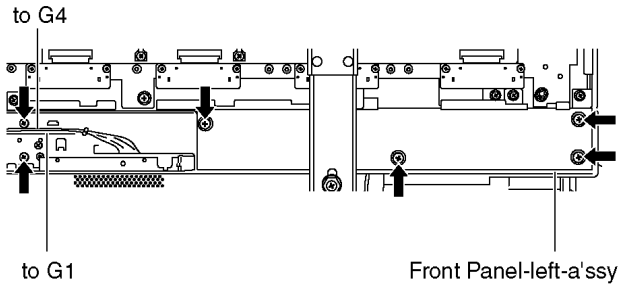


4. Remove the screws (×2 ➡).
5. Disconnect the coupler (G52).
6. Remove the GS-Board.

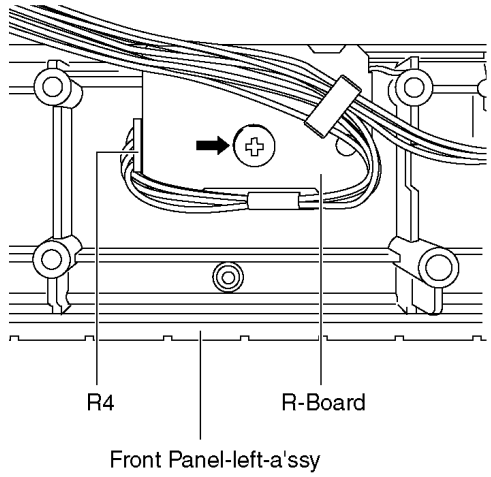


6.37. Remove the K-Board, R-Board and the S-Board

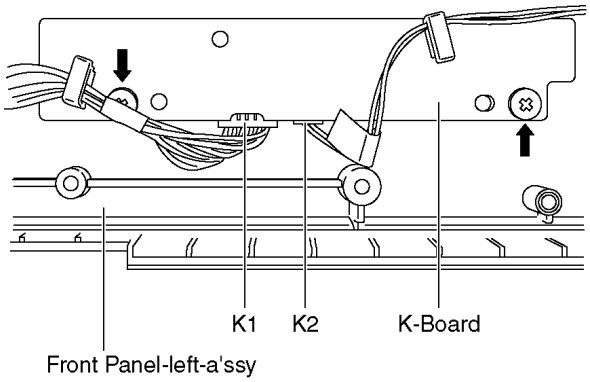
1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (G1 and G4). (See section 6.34.)
3. Remove the screws (×6 ➡) and remove the L/Front Panel-left-assembly.



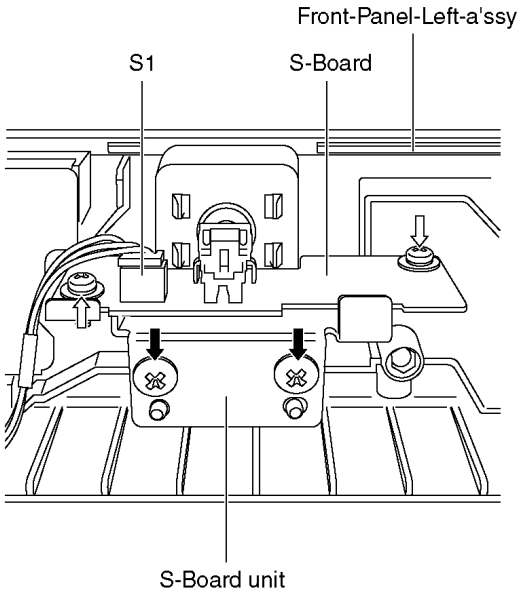
4. Remove the screw (×1 ➡).
5. Disconnect the coupler (R4) and remove the R-Board.



6. Remove the screws (×2 ➡).
7. Disconnect the couplers (K1 and K2) and remove the K-Board.

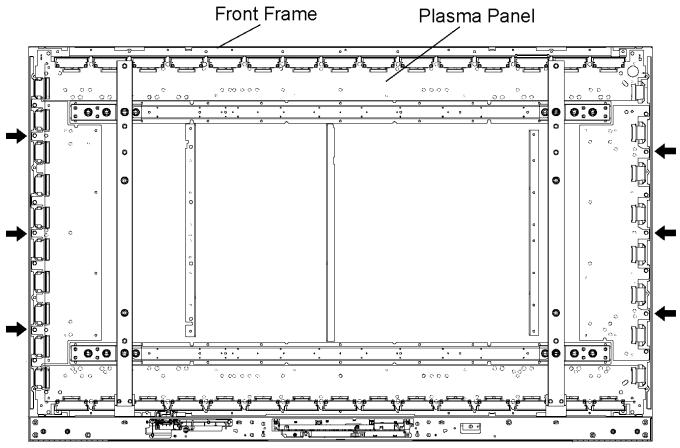


8. Remove the screws (×2 ➡) and remove the S-Board unit.
9. Disconnect the coupler (S1).
10. Remove the screws (×2 ⇨) and remove the S-Board.

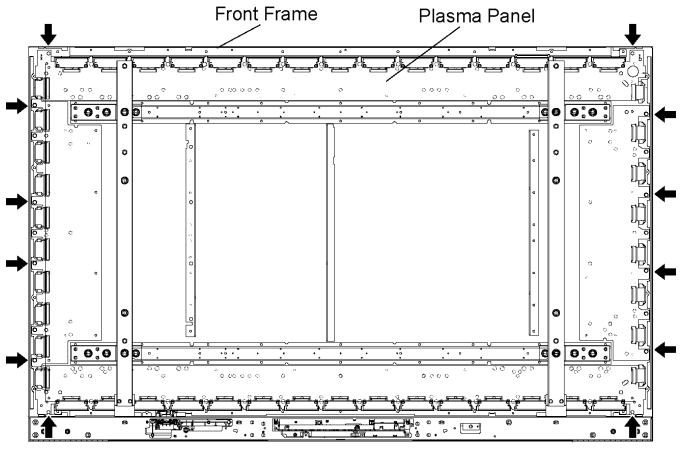


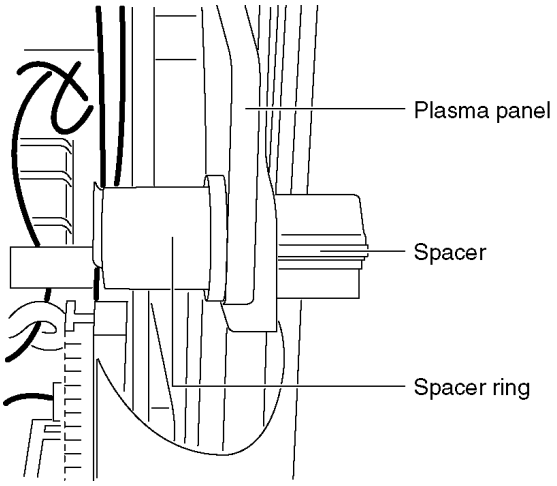
6.38. Remove the Plasma panel section from the Front frame (glass)

1. Remove the Esc-fixing metal (A) and (B). (See section 6.19. and 6.20.)
2. Remove the front frame and the plasma panel fastening screws (×6 ➡).

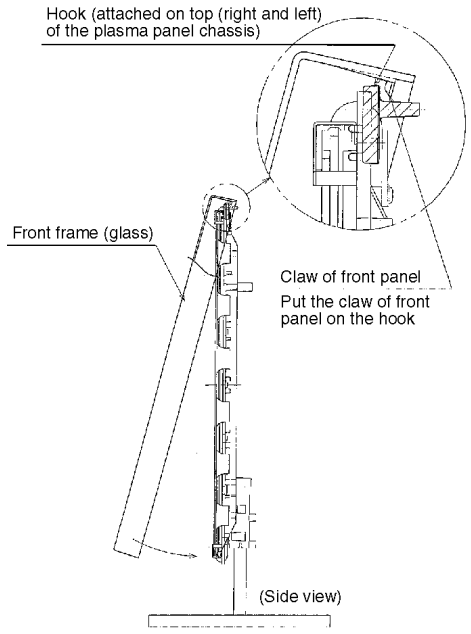


3. Remove the spacers and spacer rings (×12 ➡).





4. For leaving the plasma panel from the front frame, pull the bottom of the front frame forward, lift, and remove.



6.39. Replace the plasma panel (finished)

1. Place the new plasma panel (finished) on the flat surface of the table (covered by a soft cloth), with the plasma panel surface facing downward.
2. Attach the C1, C2, C3,C4,C5-Board and the C6-Board, connect the flexible cables (×30) from the Plasma panel to the C1, C2, C3,C4,C5-Board and the C6-Board, and fit the flexible cable holders.
3. Attach the Hooks (left, right) and fit the Reinforcement Angles (L, R) and the Connection Plate (A, B, C, D) to the new plasma panel.
4. Place the plasma panel section on the servicing stand.
5. Place the spacers and spacer rings (×12).
6. Attach the front frame and each P.C.Board and so on, to the new plasma panel.

* When fitting the front frame, be careful to allow any debris, dust or handling residue to remain between the front glass and plasma panel.

7 Caution statement

7.1. Caution statement.

Caution:

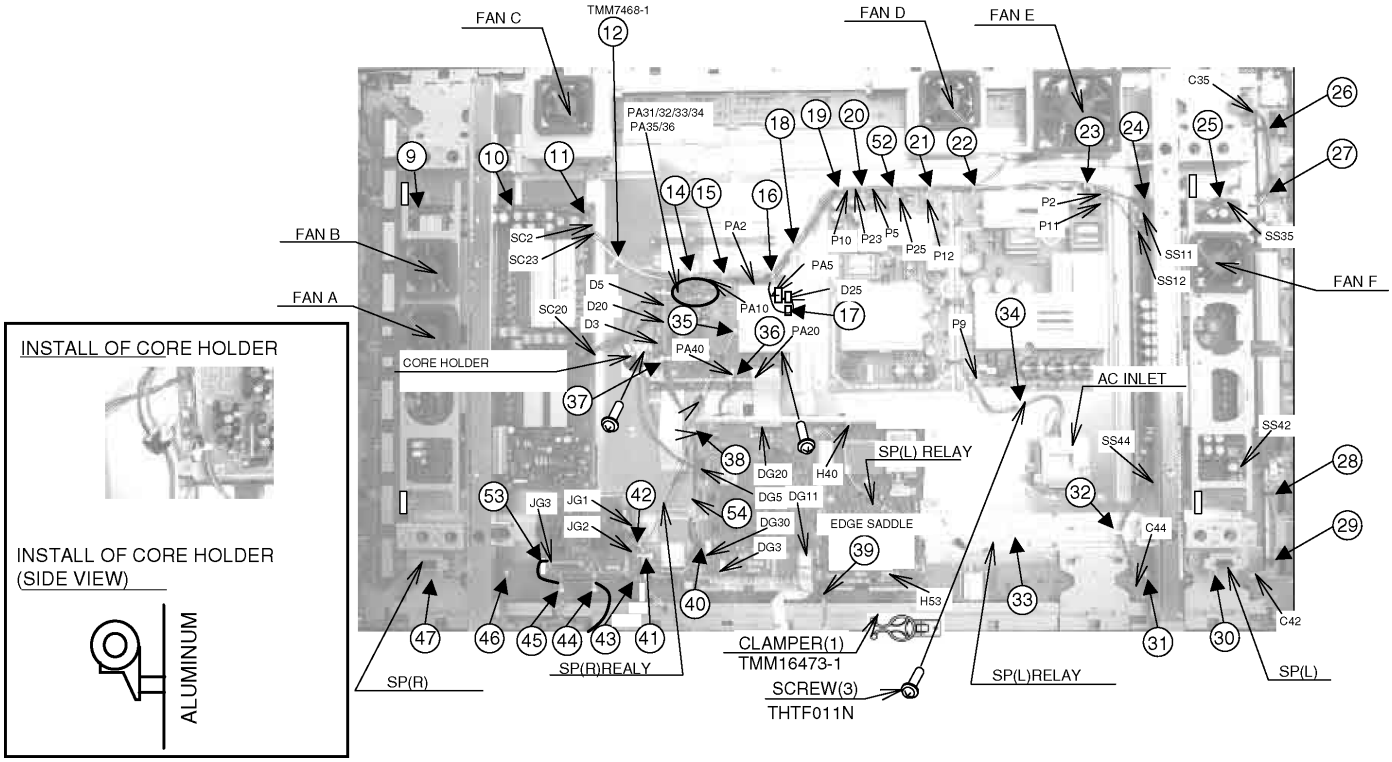
Please confirm that all flexible cables are assembled correctly.

Also make sure that they are locked in the connectors.

Verify by giving the flexible cables a very slight pull.

8 Location of Lead Wiring

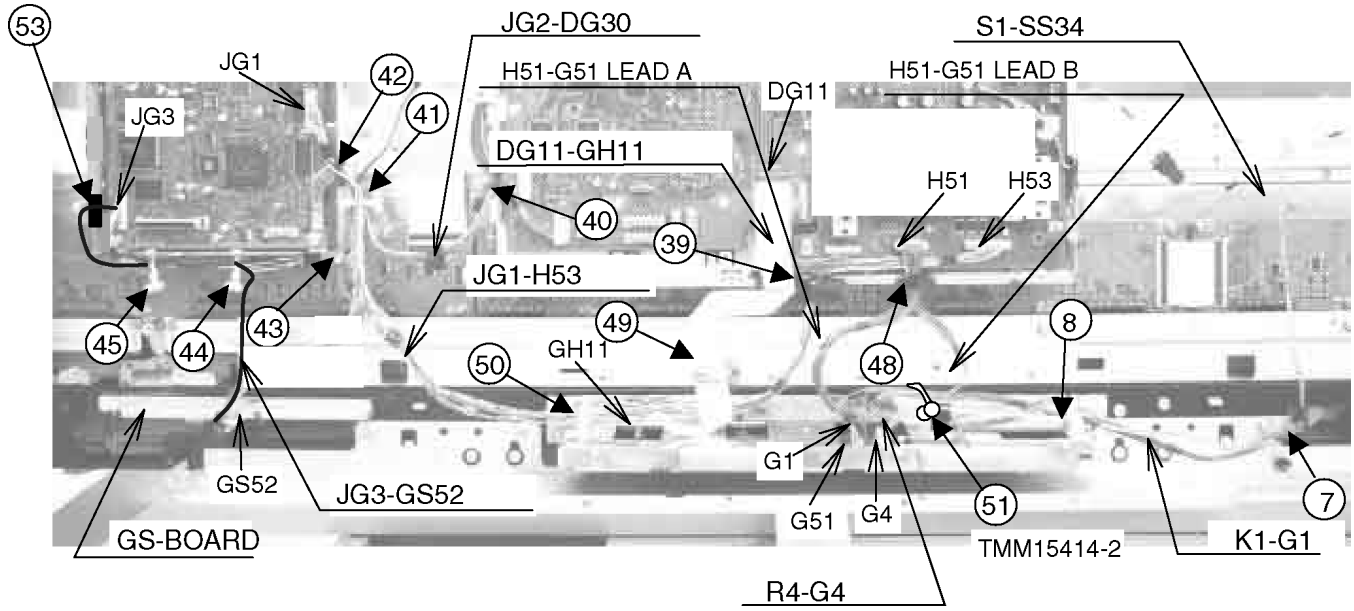
8.1. Lead of Wiring (1)-1

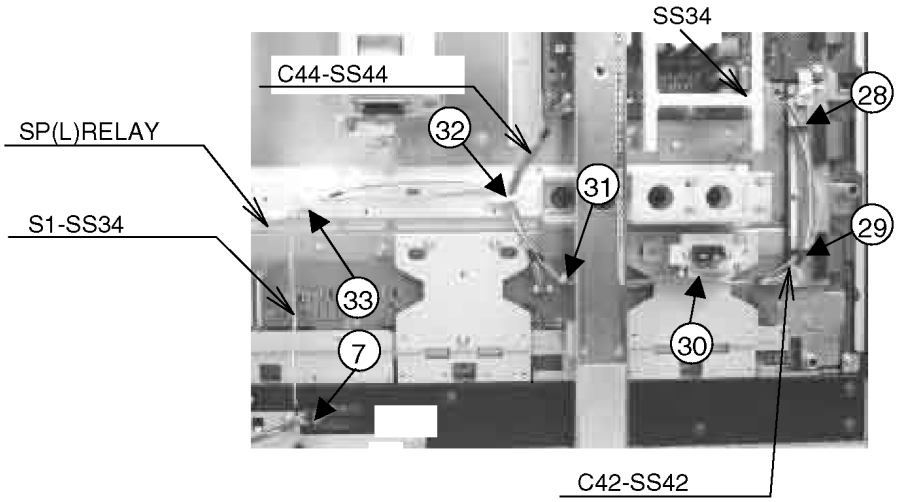


8.2. Lead of Wiring (1)-2

CONNECTOR No.- CONNECTOR No.	(9)	(10)	(11)	(12)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(52)	(53)	(54)
SC2 - P2				O		O	O		O	O	O	O	O	O																									O		
SC23 - P23				O		O	O		O	O																															
SC20 - D20																																									
D25 - P25							O	O	O	O	O																													O		
D3 - DG3																												O	O												O
D5 - DG5																																									
PA5 - P5							O		O	O	O																														
PA10 - P10						O	O		O	O																															
PA20 - DG20																																									
PA40 - H40																										O															
FAN A - PA31	O	O	O	O		O																																			
FAN B - PA32	O	O	O	O		O																																			
FAN C - PA33			O	O		O																																			
FAN D - PA34						O	O	O		O	O	O	O	O																										O		
FAN E - PA35						O	O	O		O	O	O	O	O																										O		
FAN F - PA36						O	O	O		O	O	O	O	O	O	O	O																								O		
SP(R) RELAY - PA2																										O		O			O		O	O	O	O	O					
SP(L) RELAY - PA2																										O		O														
SP(L) RELAY - SP(L)																					O	O	O	O																		
AC INLET - P9																									O																	
C35 - SS35																	O	O																								
C42 - SS42																			O	O																						
C44 - SS44																							O																			
SS11 - P11														O																												
SS12 - P12												O	O	O																												
DG11 -GH11																																									
JG1 - H53																														O			O	O							
JG2 - DG30																															O		O	O							
JG3 - GS52																																			O	O					O

8.3. Lead of Wiring (2)

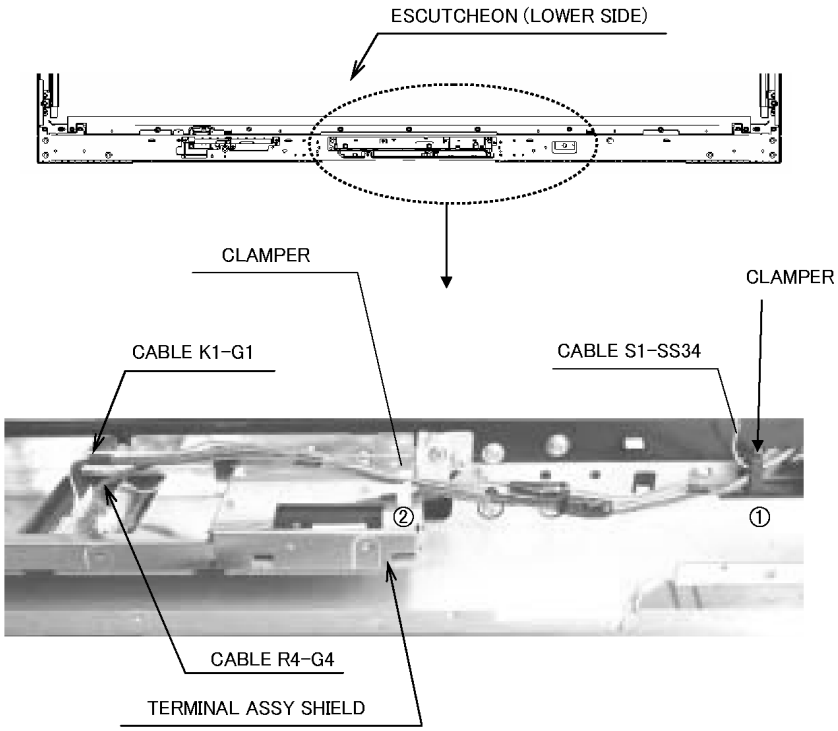




CONNECTOR No.- CONNECTOR No.	7	8	28	29	30	31	32	33	39	40	41	42	43	44	45	48	49	50	51	53
K1- G1	O	O																	O	
R4 - G4	O	O																	O	
JG1 - H53									O		O	O						O		
JG2 - DG30										O	O	O								
JG3 - GS52														O	O					O
DG11 - GH11																	O			
H51 LEAD A - G51 LEAD A																O				
H51 LEAD B - G51 LEAD B																O			O	
S1 - SS34	O		O	O	O	O	O	O												
C42 - SS42			O	O																
C44 - SS44							O													
SP(L)RELAY - SP(L)					O	O	O	O												

8.4. Lead of Wiring (4)

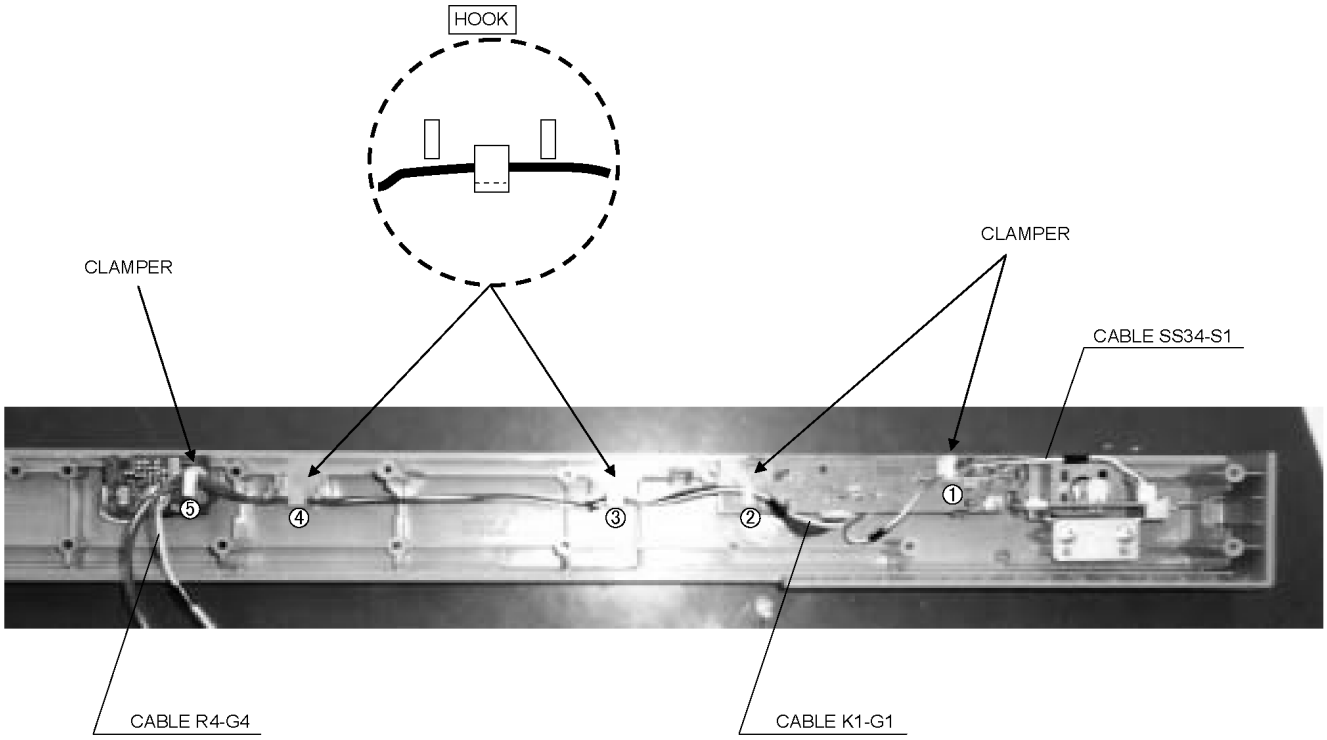
The wire is dressed as shown in figure.



CON : No – CON : No	1	2
S1 – SS34	○	
K1 – G1	○	○
R4 – G4	○	○

8.5. Lead of Wiring (5)

The wire is dressed as shown in figure.



CON : No − CON : No	1	2	3	4	5
S1 − SS34	○	○	○	○	○
K1 − G1		○	○	○	○
R4 − G4					○

9 Self-check Function

Use the self-check function to test the unit.

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

9.1. Check of the IIC bus lines

9.1.1. How to access

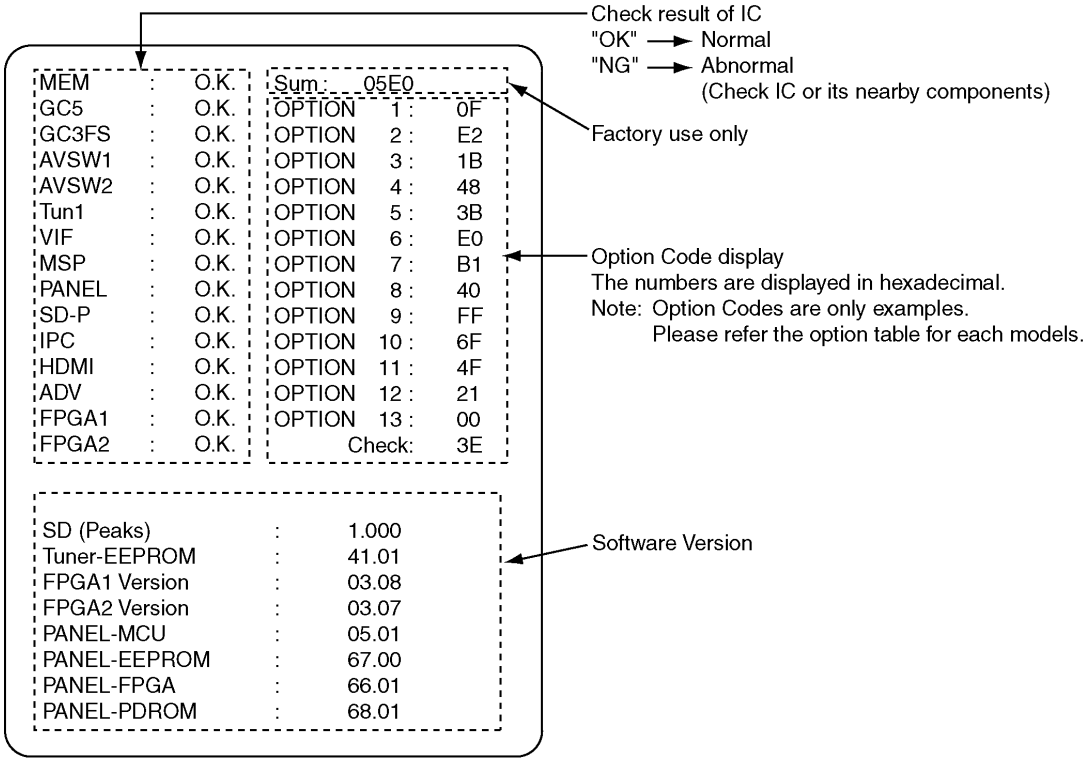
Produce TV reception screen, and while pressing [VOLUME (-)] button on the main unit, press [OK] button on the remote control for more than 3 seconds.

9.1.2. Exit

Disconnect the AC cord from wall outlet.

9.1.3. Screen display

1. Self-Check is used to automatically check the bus lines and hexadecimal code of the TV set.
2. To get into the Self -Check mode press the Down (−/V) button on the customer controls at the front of the set, at the same time pressing the MENU button on the remote control, and the screen will show :



If the CCU ports have been checked and found to be incorrect or not located then “--” will appear in place of “O.K.”.

Display	Ref.No.	Description	Board
MEM	IC1102	MEMORY	DG-Board
GC5	IC4037	GLOBAL CORE	DG-Board
GC3FS	IC4020	GLOBAL CORE FOR SUB	DG-Board
AVSW1	IC3005	AV SWITCH	H-Board
AVSW2	IC2105	AV SWITCH	H-Board
Tun1	TU001	TUNER (MAIN)	TA-Board
Tun2	TU002	TUNER (SUB)	TA-Board
MSP	IC2106	MULTI SOUND PROCESSOR	H-Board
PANEL	IC9003	PANEL MCU	D-Board
SD-P	IC5013	SD PEAKS	JG-Board
HDMI	IC4026	HDMI I/F	DG-Board
ADV	IC4019	A/D CONVERTER	DG-Board
FPGA1	IC1401	FPGA1	DG-Board
FPGA2	IC1501	FPGA1	DG-Board

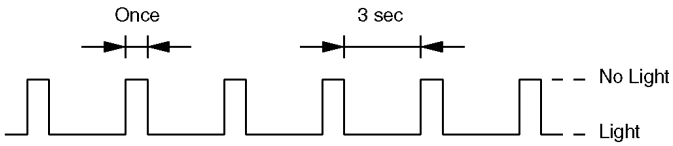
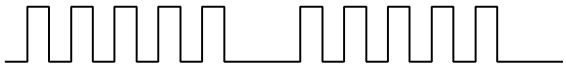
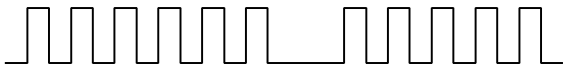
9.2. Power LED Blinking timing chart

1. Subject

   Information of LED Flashing timing chart.

2. Contents

   When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinkes of the Power LED on the front panel of the unit.

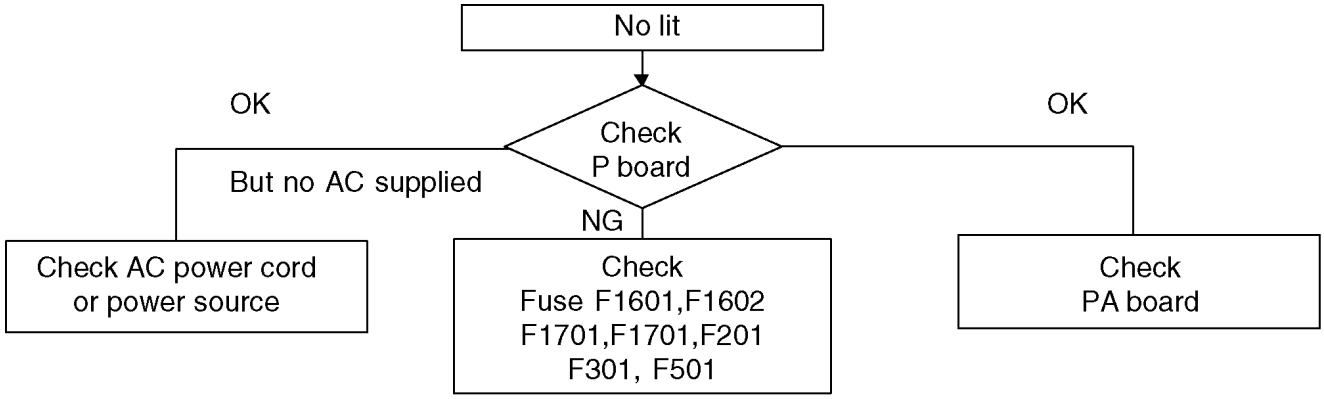
Blinking Times	Blinking timing	Contents	Check point
1		No particular check point	-
2		15V SOS	D-Board
3		3.3V SOS	D-Board
4		Power SOS	P-Board
5		5V SOS	D-Board
6		Driver SOS1 (SC Energy recovery circuit)	SU-Board SD-Board SC-Board
7		Driver SOS2 (SC floating voltage area)	SU-Board SD-Board SS-Board
8		Driver SOS3 (SS Energy recovery circuit)	SS-Board
9		Panel Status	-
10		PA SOS Tuner SOS	PA-Board H-Board
11		Fan SOS	Fan
12		Sound SOS	PA-Board

9.3. No Power

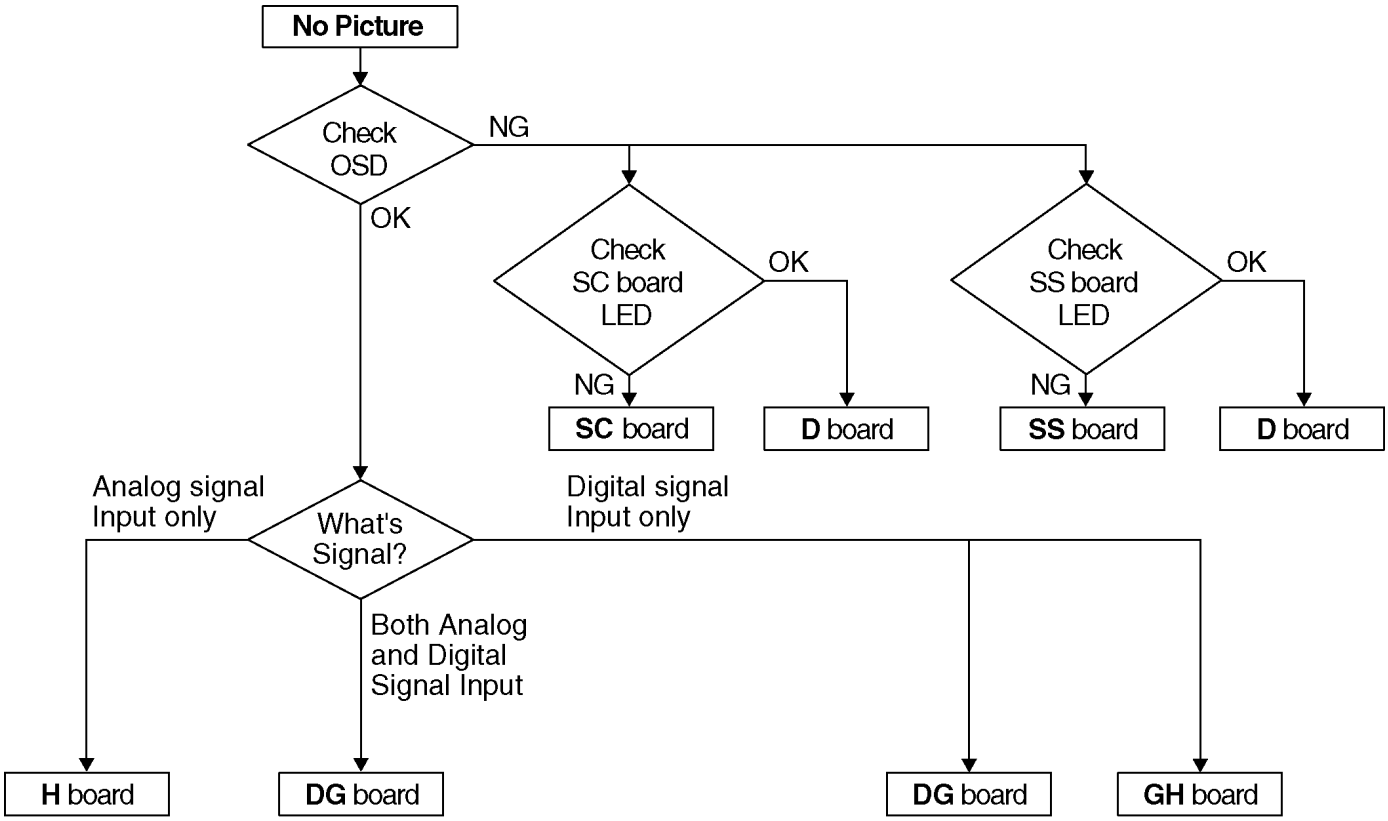
First check point

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

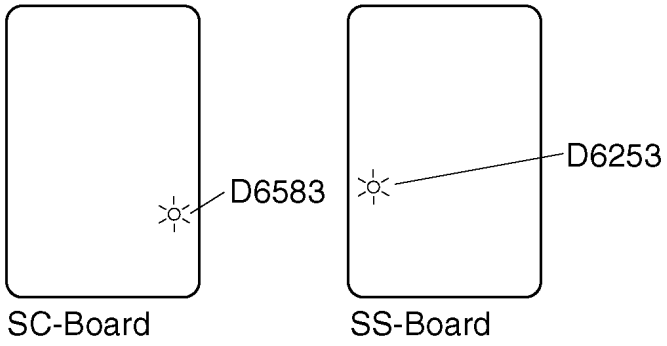
1. No lit
2. Red is lit then turns red blinking a few seconds later. (See 9.2.)



9.4. No Picture

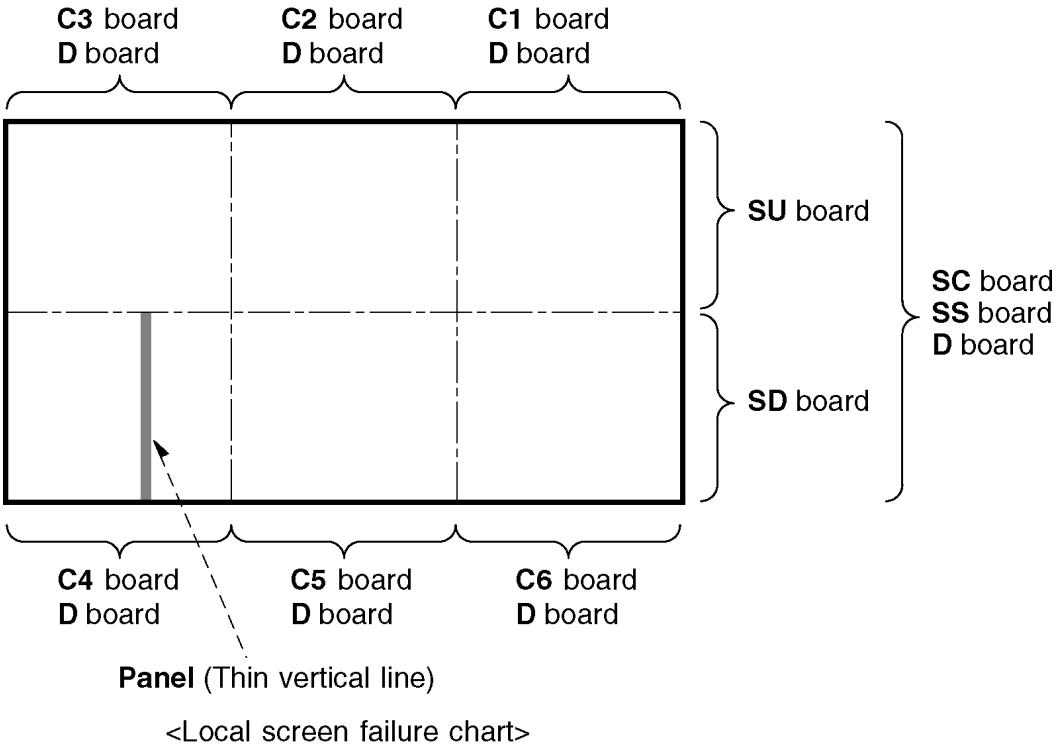


Drive circuits LED indicator



9.5. Local screen failure

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



<Local screen failure chart>

Fig-1

10 Service Mode Function

MPU controls the functions switching for each IICs through IIC bus in this chassis. The following setting and adjustment can be adjusted by remote control in Service Mode.

10.1. How to enter SERVICE 1

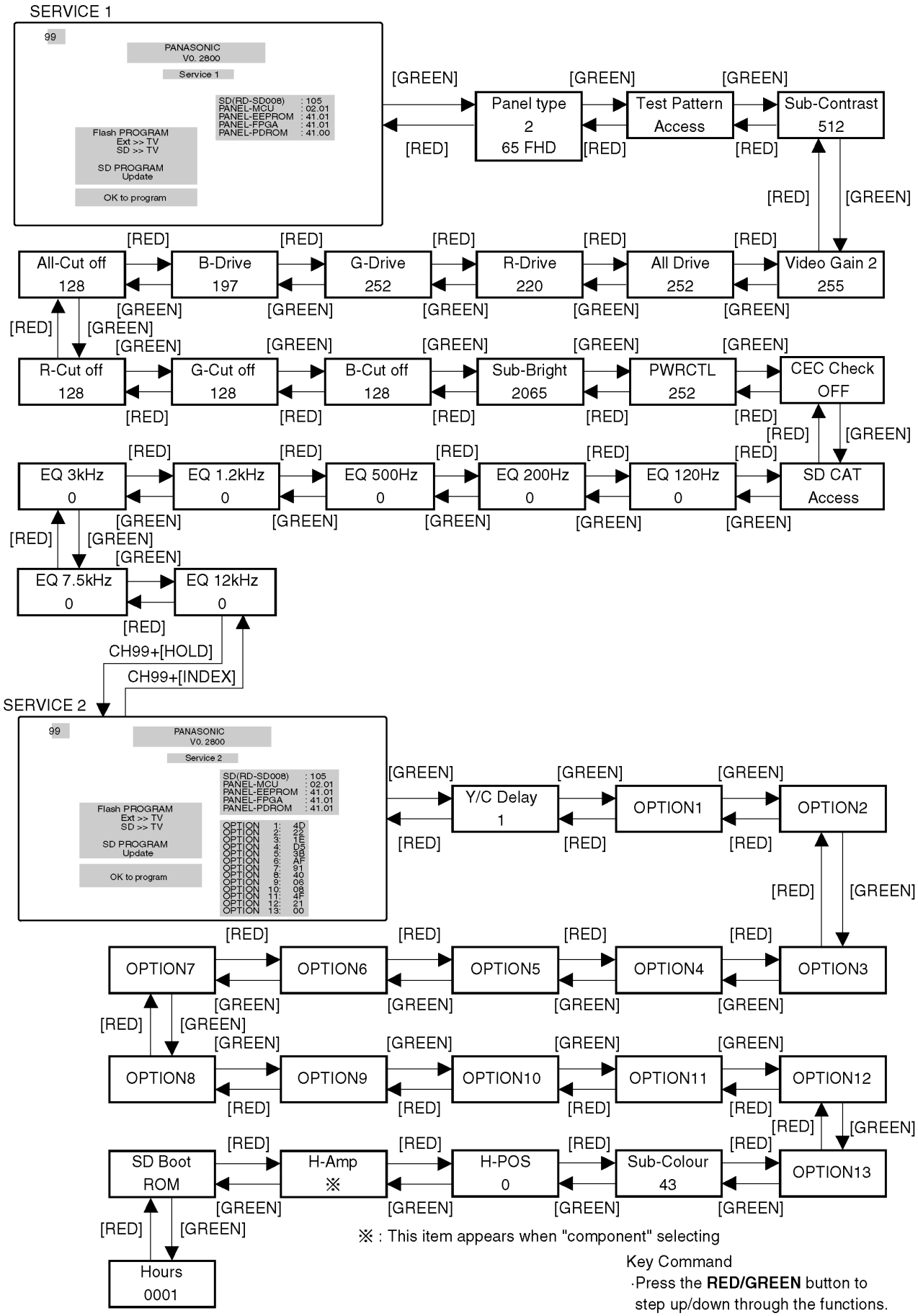
1. In sound menu, set BASS to MAXIMUM, and set TREBLE to MINIMUM.
2. Simultaneously press **INDEX** button on remote control and **DOWN** button [–/V] on the TV set.

10.2. How to enter SERVICE 2

1. Set the channel to CH99.
2. Select the EQ 12kHz.
3. Press HOLD button on remote control.

Note:

To exit to Service mode, press EXIT or Power button on remote control.



Key Command

- Press the **RED/GREEN** button to step up/down through the functions.
- Press the **YELLOW/BLUE** button to change the function values.
- Press the **OK** button after each adjustment has been mode to store the required values.

10.3. Option Description

		A	M		
option1		4D	0F		
	b0	1	1	Colour system	Auto(1)
	b1	0	1		SECAM(1)
	b2	1	1		NTSC(1)
	b3	1	1		M.NTSC(1)
	b4	0	0	A2 select 6.5MHz	5.742MHz(0) 6.742MHz(1)
	b5	0	0	SIF	4.5/5.5/6.0/6.5(0),5.5/6.0/6.5(1)
	b6	1	0		5.5/6.5(2),6.0/6.5(3)
	b7	0	0	free	
option2		22	E2		
	b0	0	0	A2 enable	4.5(1)
	b1	1	1		5.5(1)
	b2	0	0		6.0(1)
	b3	0	0		6.5(1)
	b4	0	0	NICAM enable	4.5(1)
	b5	1	1		5.5(1)
	b6	0	1		6.0(1)
	b7	0	1		6.5(1)
option3		18	1B		
	b0	0	1	SASO enable	SASO enable(1)
	b1	0	1	Fine tuning	Enable(1)
	b2	0	0	Search speed	Slow(1) Fast(0)
	b3	1	1	Tuner	MACO tuner (1), Others (0)
	b4	1	1	HYPER	UHF only (0), UHF/VHF (1)
	b5	0	0	IF I2C	I2C controlled Tuner IF module (1)
	b6	0	0	NICAM C4 bit	enable(1)
	b7	0	0	Blue Back	BLUE BACK on/off selection in menu(0)
option4		D8	48		
	b0	0	0	Aspect AUTO	enable(1)
	b1	0	0	S1/S2 enable	enable(1)
	b2	0	0	ID-1	enable(1)
	b3	1	1	User aspect Just	enable(1)
	b4	1	0	User aspect 14:9	enable(1)
	b5	0	0	ALBD 14:9	14:9 enable, Zoom3 disable at self wide(1)/ Zoom1, Zoom3 enable at self wide (0)
	b6	1	1	TEXT	enable(1)
	b7	1	0	TEXT TOP	TOP enable (1)
option5		3B	3B		
	b0	1	1	CH Blanking	Blanking enable (1)
	b1	1	1	AV Blanking	Blanking enable (1)
	b2	0	0	Noise mute	Noise mute enable(0)
	b3	1	1	sub picture	without sub-picture(0), with sub-picture(1)
	b4	1	1	2tuner	2tuner(1),1tuner(0)
	b5	1	1	AV Input	3rotation(1) / 2rotation without front RCA (0)
	b6	0	0	Panel (LCD)	Samsung Panel(1)/SHARP Panel(0)
	b7	0	0	Large size (LCD)	32(1)/26(0) for LCD
option6		E0	E0		
	b0	0	0	SD module	with SD module (1)
	b1	0	0	SD module Ext.Rec(PAL)	enable(1)
	b2	0	0	SD module Ext.Rec(NTSC)	enable(1)
	b3	0	0	SD module Ext.Rec(SECAM)	enable(1)
	b4	0	0	IDTV	enable(1)
	b5	1	1	HDMI	enable(1)
	b6	0	0	MOSQUITO NR	with MOSQUITO NR (1) / without MOSQUITO NR (0)
	b7	1	1	PC	enable(1)
option7		93	B1		
	b0	1	1	Asia	Asia(1),europe(0)
	b1	1	0	Australia	Australia(1)
	b2	0	0	Ireland/India	India(1)
	b3	0	0	UK/Korea	Korea(1)
	b4	1	1	Lang1	Large(0)/Small(1)
	b5	0	1	Lang2	OSD language:With Arabic(1)
	b6	0	0	Lower POS	Lower POS enable(1)
	b7	1	1	Owner ID	Enable(1)

		A	M		
option8		40	40	**Euro option**	
	b0	0	0	ACI all country	ACI enable(1), only Netherlands(0)
	b1	0	0	ACI auto MP	ACI auto multi package enable (1)
	b2	0	0	ACI offset	ACI offset for VCR prog. enable(1)
	b3	0	0	Power up EC-Mode	Power on EC enable (1)
	b4	0	0	AVLink	Q-Link off selectable in menu (1)
	b5	0	0	Volume correction	TV Volume coorrection enable (1)
	b6	1	1	MPX/NICAM display	Display NICAM (0), Display MPX (1)
	b7	0	0	Albd Reset Off	enable(1)
option9		06	FF	**Asia option 1**	
	b0	0	1	CH Plan	ASIA / M.E. / HK/UK / CHINA(1)
	b1	1	1		NZ/INDNES(1)
	b2	1	1		AUSTRALIA(1)
	b3	0	1		E.EUROPE(1)
	b4	0	1		SPECIAL(1)
	b5	0	1		AMERICA(1)
	b6	0	1		CATV(1)
	b7	0	1		JAPAN(1)
option10		08	6F	**Asia option 2**	
	b0	0	1	NICAM priority	ASIA/M.E.(1)
	b1	0	1		HK/UK(1)
	b2	0	1		CHINA(1)
	b3	1	1		NZ/INDN(1)
	b4	0	0		AUSTRA(1)
	b5	0	1		E.EURO(1)
	b6	0	1		SPECIAL(1)
	b7	1	0	HDMI AVI Aspect	enable(1)
option11		4F	4F	**Additional**	
	b0	1	1	Remocon Type	Delux(1) / Leader(0)
	b1	1	1	Environment AI (PDP)	enable, with viewing mode auto (1) / disable, without viewing mode auto(0)
	b2	1	1	WSS14:9 off	WSS 14:9 off (1)
	b3	1	1	Child lock	Child Lock on:Tuning Menu skip(1)
	b4	0	0		
	b5	0	0	Contrast AI	enable(1)
	b6	1	1	Service H-POS	enable(1)
	b7	0	0	Service V-VOS	enable(1)
option12		21	21	**Additional**	
	b0	1	1	last memory of aspect	each source(1) / ALL source(0)
	b1	0	0	Reserved	
	b2	0	0	TEXT Ch Refresh	refresh enable(1) / disenable(0)
	b3	0	0	STILL	1:Disable / 0:Enable
	b4	0	0	LATIN	Latin:SAP/Fixed SIF4.5MHz/PAL-M,N/CC/Black level/Language
	b5	1	1	SRS	enable(1)
	b6	0	0	HDMI Quali TV	enable(0)
	b7	0	0	HDMI EC function	enable(1)
option13		00	00	**Additional**	
	b0	0	0	DVB ALBD	enable(1)
	b1	0	0	HDMI port	enable(0) 2 ports model/(1)1port model (only for TV MCU port setting)
	b2	0	0	HDMI format error OSD	display(0)/not display(1)
	b3	0	0	CEC control	enable(0)
	b4	0	0	Aspect 4:3 FULL	enable(0)
	b5	0	0	FTZ	enable(1)
	b6	0	6	ASIA IF 38.9	Don't care Tuner = EURO, IF 38.9 MHz
	b7	0	0		

11 Adjustment Procedure

11.1. Driver Set-up

11.1.1. Item / Preparation

1. Input a white signal to plasma video input.
2. Set the picture controls as follows.

   Picture menu: Dynamic

   D. PNR: OFF

   Aspect: Full

Caution

1. First perform Vsus adjustment.
2. Confirmation of Vscn voltage should be performed after confirmation of Vad adjustment.

   When Vad=-90V, Voltage of Vscn is 50V ±4V.

11.1.2. Adjustments

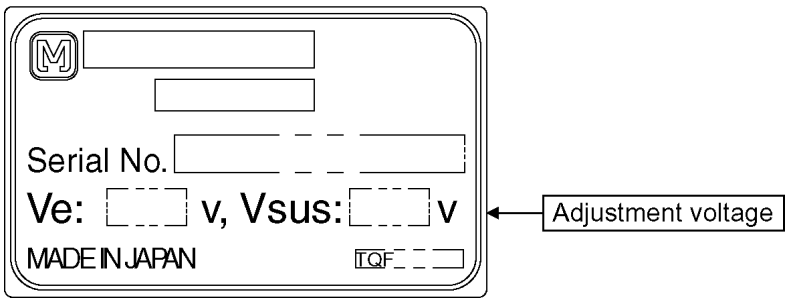
Adjust driver section voltages referring the panel data on the panel data label.

Check or adjust the following voltages with the multimeter.

Name	Test Point	Voltage	Volume	Remarks
Vsus	TPVSUS (SS)	Vsus ± 2V	VR251 (P)	*
Ve	TPVE (SS)	Ve ± 1V	VR6000 (SS)	*
Vset	TPVSET (SC)	240V ± 7V	Fixed	
Vad	TPVAD (SC)	-90V ± 1V	VR6600 (SC)	
Vscn	TPVSCN (SC)	Vad+140V ± 4V	Fixed	
Vda	TPVDA (SS)	72V ± 1V, -3V	Fixed	

*See the Panel label.

Panel Label information

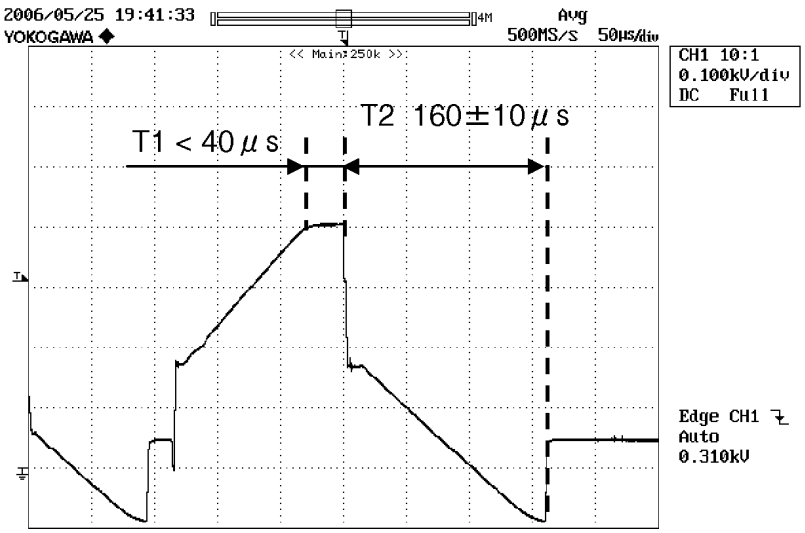


11.2. Initialization Pulse Adjust

1. Input the White signal to plasma video input.
2. Set the picture controls as follows.
   Picture menu : Dynamic
   D. PNR : OFF
   Aspect : Full
3. Connect Oscilloscope to TPSC1 (SC).
   Check that the flat section is less than 40µ Sec and adjust VR6602 for 160+10µ Sec.

	Test point	Volume	Level
T1	TPSC1 (SC)	---	T1 < 40µ Sec
T2	TPSC1 (SC)	VR6602 (SC)	160 ± 10µ Sec

TPSC1



11.3. P.C.B. (Printed Circuit Board) exchange

11.3.1. Caution

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

11.3.2. Quick adjustment after P.C.B. exchange

Adjust the following voltages with the multimeter.

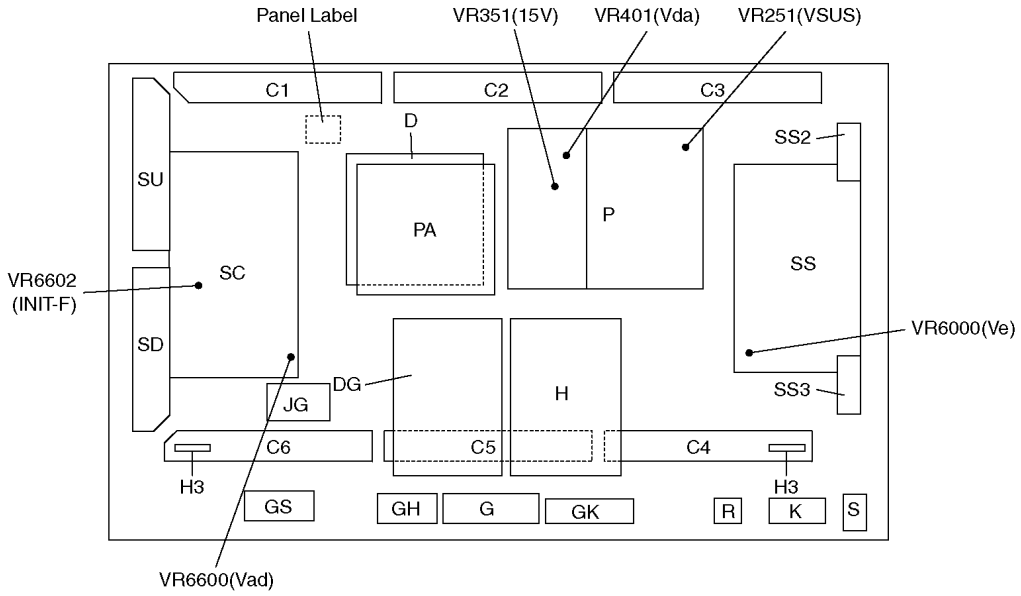
P.C.B.	Name	Test Point	Voltage	Volume	Remarks
P Board	Vsus	TPVSUS (SS)	Vsus ± 2V	VR251 (P)	*
SC Board	Vad	TPVAD (SC)	-90V ± 1V	VR6600 (SC)	
SS Board	Ve	TPVE (SS)	Ve ± 1V	VR6000 (SS)	*
D, DG Board	White blance and Sub brightness for NTSC, PAL, HD, PC and 625i signals				

*See the Panel label.

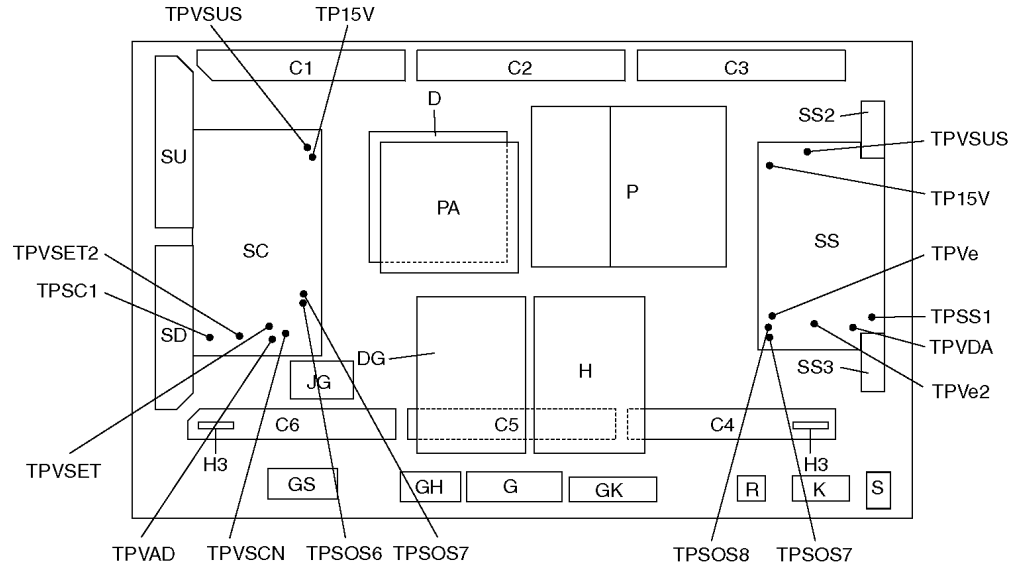
Caution:

Absolutely do not reduce Vsus below Ve not to damage the P.C.B.

11.4. Adjustment Volume Location



11.5. Test Point Location



12 Adjustment

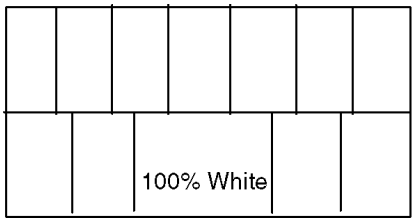
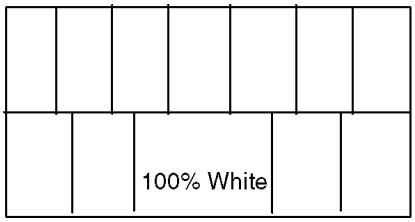
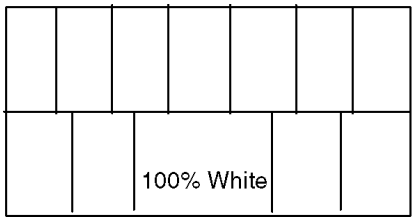
12.1. Voltage chart of PA-Board

1. Turn on the main power SW and check that each output voltage of test point is within the specificationa below.

Adjustment/Check items	Test point	Voltage spec
MAIN5V	TPM5, TPM5V	5.1±0.45V
SUB9V	TPS9, TPS9V	9.1±0.45V
MAIN9V	TPM9, TPM9V	9.1±0.3V
SUB5V	TPS5, TPS5V	5.1±0.45V
MAIN1.8V	TPM18, TPM18V	1.8±0.15V
SUB3.3V	TPS33, TPS33V	3.3±0.2V
MAIN3.3V	TPM33, TPM33V	3.4±0.2V
MAINF3.3V	TPF33, TPF33V	3.4±0.2V
MAINF1.8V	TPF18, TPF18V	1.9±0.15V
FAN SOS	TPFSOS, TPFANS	≦0.5V
SOS	TPSOS	≦0.5V

12.2. Sub-Contrast adjustment

Name of measuring instrument	Connection	Remarks
RF generator Base Band generator		

Preparation (AV)	Remarks
1. Receive AV1 (PAL 100% Full White or Split Colour bar shown as below) .  2. Goes into service mode, choose Sub-Contrast, and it checks that data value is 512. (It checks that an initial value is a default)	
Adjustment of AV system	**Remarks**
1. The colour key yellow button of remote control is pushed. 2. The OSD character of sub-contrast becomes red. (Inside under automatic adjustment) 3. The OSD character of sub-contrast returns to white. 4. End.	EEPROM : address AV1 (upper) : A0-0106 AV2 (lower) : A0-0107
Preparation (RF)	**Remarks**
1. Receive a RF (PAL 100% Full White or Split Colour bar shown as below.)  2. Goes into service mode, choose Sub-Contrast, and it checks that data value is 512. (It checks that an initial value is a default)	
Adjustment of RF system	**Remarks**
1. The colour key yellow button of remote control is pushed. 2. The OSD character of sub-contrast becomes red. (Inside under automatic adjustment) 3. The OSD character of sub-contrast returns to white. 4. End.	EEPROM : address RF (upper) : A0-0102 RF (lower) : A0-0103
Preparation (HD)	**Remarks**
1. Receive Component (1080i/ 60Hz or 1080i/ 50Hz, 100% Full White or Split colour bar as shown below.)  2. Goes into service mode, choose Sub-Contrast, and it checks that data value is 384. (It checks that an initial value is a default)	
Adjustment of HD system	**Remarks**
1. The colour key yellow button of remote control is pushed. 2. The OSD character of sub-contrast becomes red. (Inside under automatic adjustment) 3. The OSD character of sub-contrast returns to white. 4. End.	EEPROM : address Component (upper) : A0-0108 Component (lower) : A0-0109

12.3. Multi-window adjustment

Name of measuring instrument	Connection	Remarks
Base Band generator		
Condition		Remarks
Sub contrast adjustment is finished.		
Preparation		
1. Come out of service mode and input AV1 PAL 100% full white. 2. Go into service mode, choose VIDEO Gain2, and check that data is 255. (Check that initial value is the default)		
Adjustment		Remarks
1. Check the brightness of main screen and sub screen by watching. 2. Go to procedure 3 when the brightness of sub screen is higher than that of main screen. Oppositely, do not adjust and end when the brightness of sub screen is lower than that of main screen. 3. Adjust VIDEO Gain2 so that the borderline of main and sub screen may become unremarkable by watching.		Press OK button.

12.4. PAL panel white balance adjustment

Instrument Name	Connection	Remarks
・W/B pattern ・Color analyzer (Minolta CA-100 or equivalent)	RF input Panel surface	User setting: Normal
Procedure		Remarks

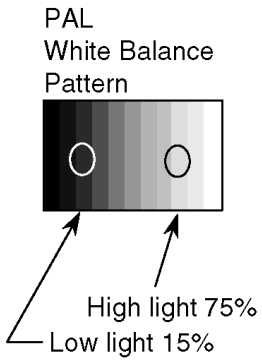
Instrument Name	Connection	Remarks
・Asing time is longer than 15min. ・Make sure the front panel to be used on the final set is fitted. ・Make sure a color signal is not being shown before adjustment. ・Put the color analyzer where there is little colour variation. Complete the adjustment within 10 minutes after the turn on electricity. Turn on the power supply again when it is not possible to complete it by aging etc. 1. Display the white balance pattern. 2. Set color balance to “cool”. 3. Enter the <Service1> mode. 4. Select “G-CUTOFF” item, using the color-key “Red” or “Green”, and set to “128”, using the color-key “Yellow” or “Blue”. Also, “B-CUTOFF” and “R-CUTOFF” set to “128”. 5. Set “G-DRIVE” at “208”. 6. Touch the signal receiver of color analyzer to the highlight window’s center, and adjust B drive and R drive so x, y become the “Color balance Cool” in the below table. 7. Set “ALL-DRIVE” to “252”. 8. Set colorbalance to “STANDARD”. 9. Fix G cutoff , B cutoff and R cutoff at “128”. 10. Fix G drive at “208”. 11. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance “STANDARD” in the below table. 12. Set “ALL-DRIVE” to “252”. 13. Set color balance to “Warm”. 14. Set G cutoff, B cutoff and R cutoff to “128”. 15. Set G drive to “208”. 16. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance Warm” shown in the below table. 17. Set “ALL-DRIVE” to “252”.		Picture menu : Dynamic ASPECT : 16:9 ・Highlight section Signal amplitude 75% 

Table 1. Color balance target value

Color Temperature	x	y
Cool	0.276	0.276
Standard	0.288	0.296
Warm	0.313	0.329

12.5. HD white balance adjustment

Instrument Name	Connection	Remarks
・1080i W/B Pattern ・Color analyzer(Minolta CA-100 or equivalent)	・RF input ・Panel surface	User setting: Normal

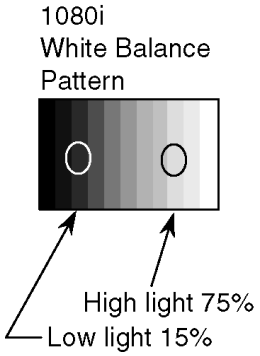
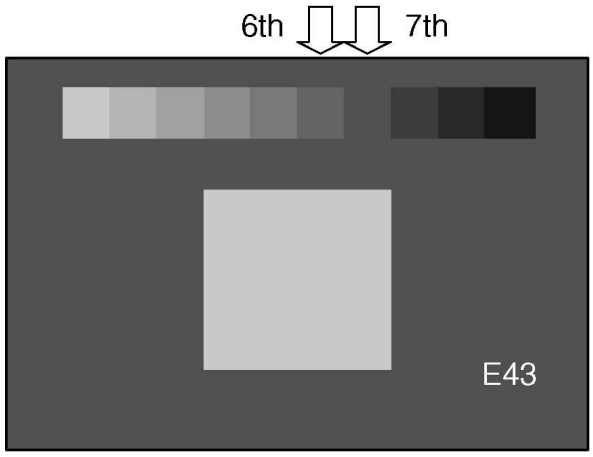
Procedure	Remarks
・Asing time is longer than 15min. ・Make sure the front panel to be used on the final set is fitted. ・Make sure a color signal is not being shown before adjustment. ・Put the color analyzer where there is little colour variation. ・Complete the adjustment within 10 minutes after the turn on electricity. Turn on the power supply again when it is not possible to complete it by aging etc. 1. Display the white balance pattern. 2. Set color balance to “cool”. 3. Enter the <Service1> mode. 4. Select “G-CUTOFF” item, using the color-key “Red” or “Green”, and set to “128”, using the color-key “Yellow” or “Blue”. Also, “B-CUTOFF” and “R-CUTOFF” set to “128”. 5. Set “G-DRIVE” at “208”. 6. Touch the signal receiver of color analyzer to the highlight window’s center, and adjust B drive and R drive so x, y become the “Color balance Cool” in the below table. 7. Set “ALL-DRIVE” to “252”. 8. Set colorbalance to “Standard”. 9. Fix G cutoff , B cutoff and R cutoff at “128”. 10. Fix G drive at “208”. 11. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance “Standard” in the below table. 12. Set “ALL-DRIVE” to “252”. 13. Set color balance to “Warm”. 14. Set G cutoff, B cutoff and R cutoff to “128”. 15. Set G drive to “208”. 16. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance Warm” shown in the below table. 17. Set “ALL-DRIVE” to “252”.	Picture menu: Dynamic ASPECT:16:9 ・Highlight section Signal amplitude 75%  * The Color balance COOL differs from Japanese model values.

Table 1. Color balance target value

Color Temperature	x	y
Cool	0.276	0.276
Standard	0.288	0.296
Warm	0.313	0.329

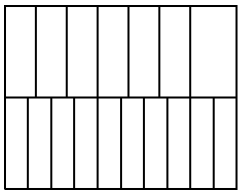
12.6. Sub bright adjustment

Instrument Name	Connection	Remarks
1. PAL signal generator (or RF)	Connect to the input terminal	User setting: Normal

Procedure	Remarks
・White balance adjustment is finished for each signal. ・Do adjustments in a dark room. ・Complete the adjustment within 10 minutes after the turn on electricity. Turn on the power supply again when it is not possible to complete it by aging etc. 1. Display the 10 steps gray-scalepattern for adjusting subbright from video input. 2. Use "Sub-Bright" in the <Sevice1> mode to adjust so the 6th section shows up and the 7th fades away. Data Sub-Bright data addresses Sub-Bright (upper) A0-0116 Sub-Bright (lower) A0-0117  	Picture menu: Dynamic Color balance: Standard ASPECT: 16:9

12.7. ABL adjustment

Instrument Name	Connection	Remarks
1. HD signal emitter (or Leader : 1080i/No.9 signal) 2. Wattmeter	COMPONENT input terminal Connect the AC power of the set to the wattmeter.	

Procedure	Remarks
・Make sure the set is aged for 30 minutes or more before adjustment. (Do not switch off during or after aging.) ・Voltage 230V 50Hz (variation within 1%) ・Volume at minimum and screen size at “16:9” Component input, dynamic, standard 1. Connect the set´s AC power to the wattmeter. 2. Input the signal (top half: color bar, Bottom half :Horizontal 10steps bar). 3. Select the “PWRCTL” item in the <Service1> mode. 4. Adjust PWRCTL so the set´s power consumption is 663+7/-18W Remarks 1. The initial data are Data address: A0-0102 Default data: 0x00 2. The power and data are in reverse relationship. (Lower the data to raise the power.) ・Raising direction (↑): 0→255, 254, 253 ・Lowering direction (↓): 0→1, 2, 3 3. There is a possibility that the adjustment value can do two places, adjust it in that case, that the value of PWRCTL is large.  No.9 Signal Top half: Full color bar Bottom half: Horizontal 10 steps bar	

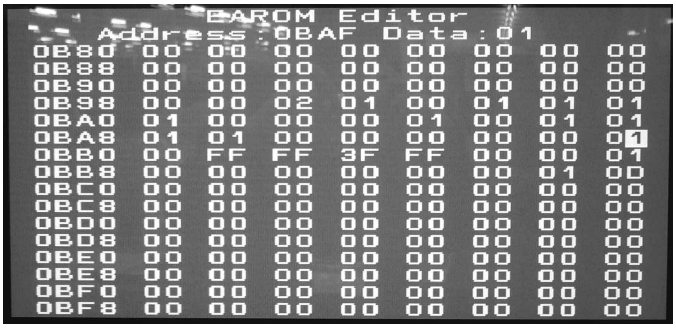
13 Hotel mode

1. Purpose

   Restrict a function for hotels.

2. Access command

   - Enter to the Service 2 Mode.
   - Press Information button on remote control and entry to the EAROM EDITOR Mode.
   - Press the RED/GREEN button to step up/down through the address.
   - Press the YELLOW/BLUE button to step left/right through the address.
   - Press the PROGRAMME UP/DOWN button to step up/down through the page.
   - Press the VOLUME UP/DOWN button to change the function values.
   - Set the data of EEPROM(ADDRESS 0BAF) to 01.
   - Press the OK button to memorize the data.



   Push the Power switch(button) off/on the set(the remote control) to turn the set off/on.

   It can be made Hotel mode.

3. Exit command

   - First, set the data of EEPROM(ADDRESS 0BAF) to 00.

     Next, Push the Power switch(button) off/on the set(the remote control) to turn the set off/on.

     Then, it is no longer hotel mode.

4. Access command to the Hotel mode setup menu

   - Prerequisite : It is conditions that the data of EEPROM(ADDRESS 0BAF) is 01.

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

     [TV]:down + [REMOTE]:TV/AV(3 times)

     Then, the Hotel mode setup menu is displayed.



5. Explain the Hotel mode setup menu

item	Function
Initial INPUT	Select input signal modes. Set the input, when each time power is switched on. Selection : Off/TV/AV1/AV2/AV2S/AV3/Av3S/AV4/Av4S/Component/PC/HDMI1/HDMI2 ・Off: give priority to a last memory. However, Euro model is compulsorily set to TV. ・AVnS/AVnC: only Euro model selectable ・PC: selectable with VGA option
Initial VOL level	Adjust the volume when each time power is switched on. Selection/Range : Off/0 to 63 ・Off: give priority to a last memory
Maximum VOL level	Adjust maximum volume. Range : 0 to 63
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

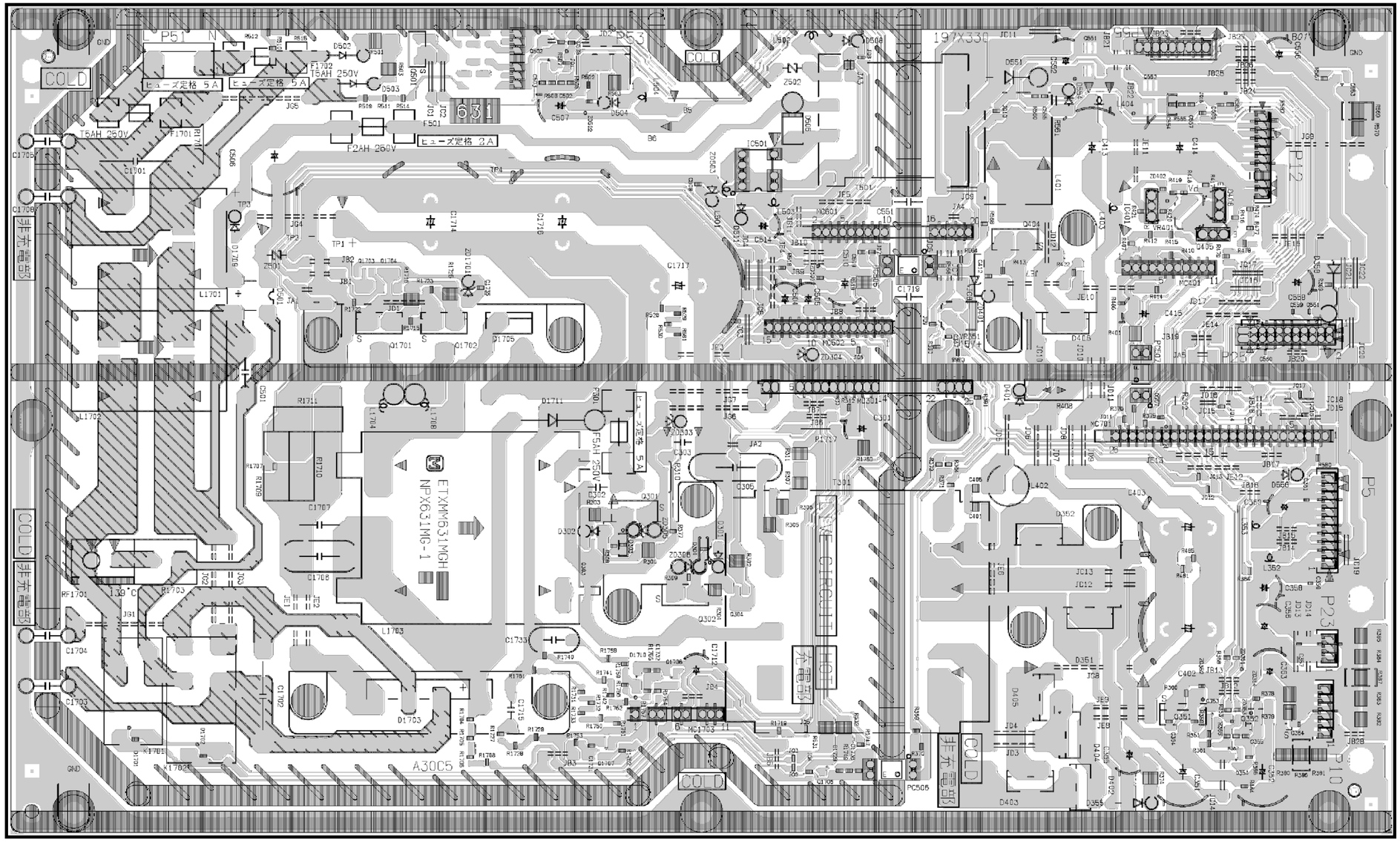
6. To exit the Hotel mode

   Disconnect AC power cord from wall outlet

14 Conductor Views

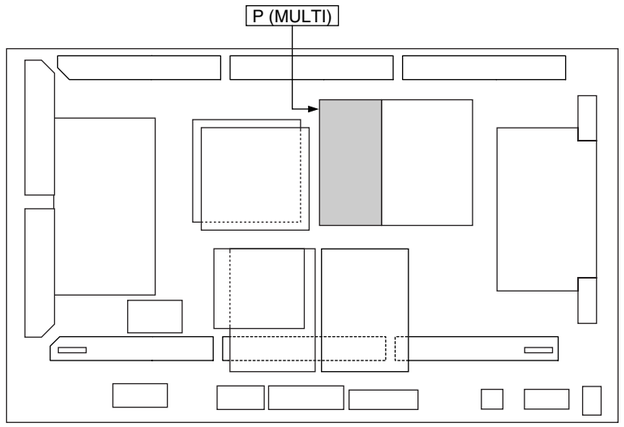
14.1. P-Board

P-BOARD (MULTI) (FOIL SIDE)
ETXMM631MBH



TH-65PV600A/M
P-BOARD (MULTI) ETXMM631MBH

TH-65PV600A/M
P-BOARD (MULTI) ETXMM631MBH



Parts Location

P-BOARD (MULTI) (FOIL SIDE)			
IC		**TRANSISTOR**	
IC401	G-4	Q301	E-3
IC501	E-5	Q302	E-2
MODULE		Q303	D-2
MC301	F-3	Q304	E-2
MC401	H-4	Q351	H-1
MC502	F-4	Q352	H-1
MC601	F-4	Q353	H-1
MC701	H-3	Q354	H-1
MC1703	E-2	Q404	G-4
PHOTO COUPLER		Q405	H-4
PC505	F-4	Q406	H-4
PC506	F-1	Q501	C-5
PC507	G-4	Q502	D-5
VOLUME		Q551	G-5
VR351	F-4	Q552	G-5
VR401	H-4	Q553	H-5
		Q1701	C-4
		Q1702	D-4
		Q1703	C-4
		Q1704	C-4
		Q1706	F-1
		Q1707	D-1
		Q1708	E-2

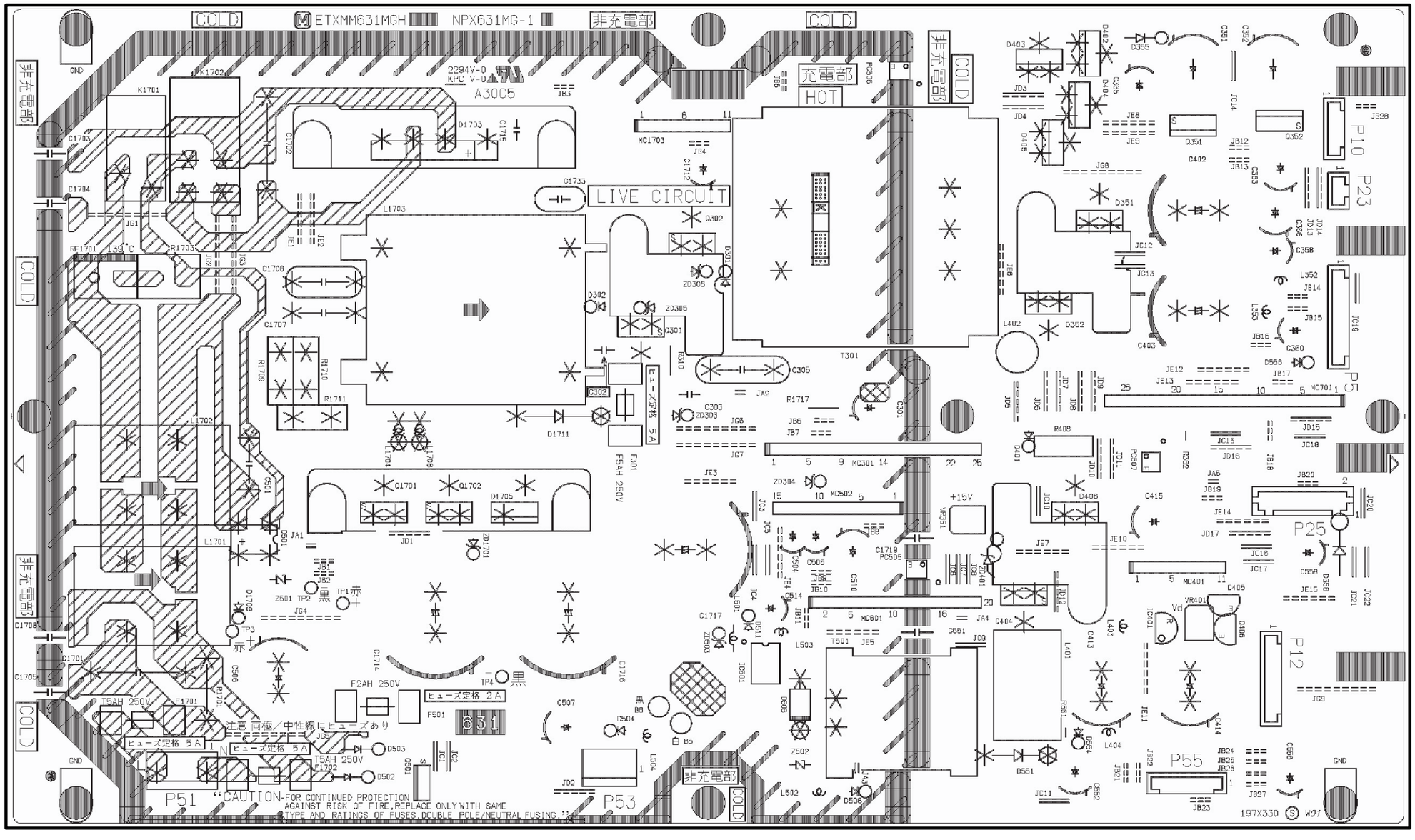
TH-65PV600A/M
P-BOARD (MULTI) PARTS LOCATION

Parts Location

P-BOARD (MULTI) (COMPONENT SIDE)					
IC		**PHOTO COUPLER**		**VOLUME**	
IC401	H-2	PC505	F-2	VR351	F-3
IC501	E-2	PC506	F-5	VR401	H-2
MODULE		PC507	H-3		
MC301	F-3	**TRANSISTOR**			
MC401	H-2	Q301	E-4		
MC502	F-3	Q302	E-4		
MC601	F-2	Q351	H-5		
MC701	H-3	Q352	H-5		
MC1703	E-5	Q404	G-2		
		Q405	H-2		
		Q406	H-2		
		Q501	C-1		
		Q1701	C-3		
		Q1702	D-3		

TH-65PV600A/M
P-BOARD (MULTI) PARTS LOCATION

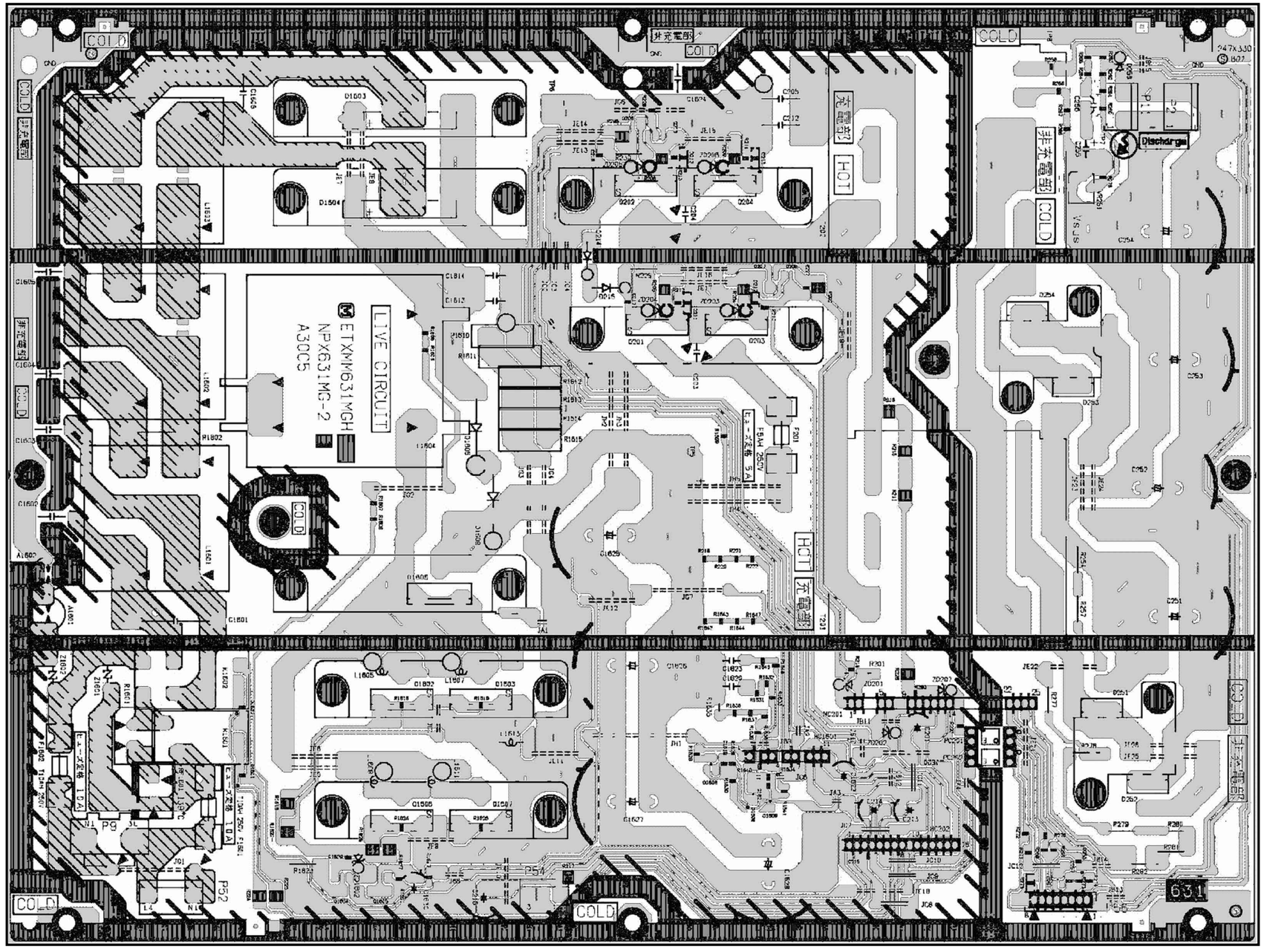
P-BOARD (MULTI) (COMPONENT SIDE)
ETXMM631MBH



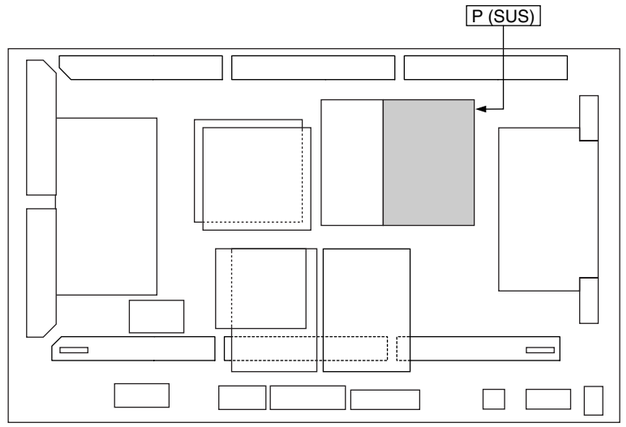
TH-65PV600A/M
P-BOARD (MULTI) ETXMM631MBH

TH-65PV600A/M
P-BOARD (MULTI) ETXMM631MBH

P-BOARD (SUS) (FOIL SIDE)
ETXMM631MEA



TH-65PV600A/M
P-BOARD (SUS) ETXMM631MEA



Parts Location

P-BOARD (SUS) (FOIL SIDE)			
MODULE		**TRANSISTOR**	
MC201	F-2	Q201	E-4
MC202	F-1	Q202	E-5
MC1601	F-2	Q203	E-4
PHOTO COUPLER		Q204	E-5
PC201	G-2	Q205	E-5
PC202	G-2	Q206	F-5
VOLUME		Q251	G-1
VR251	G-5	Q1602	D-2
		Q1603	D-2
		Q1604	C-1
		Q1605	C-1
		Q1606	D-2
		Q1607	D-2
		Q1608	E-2
		Q1609	E-2

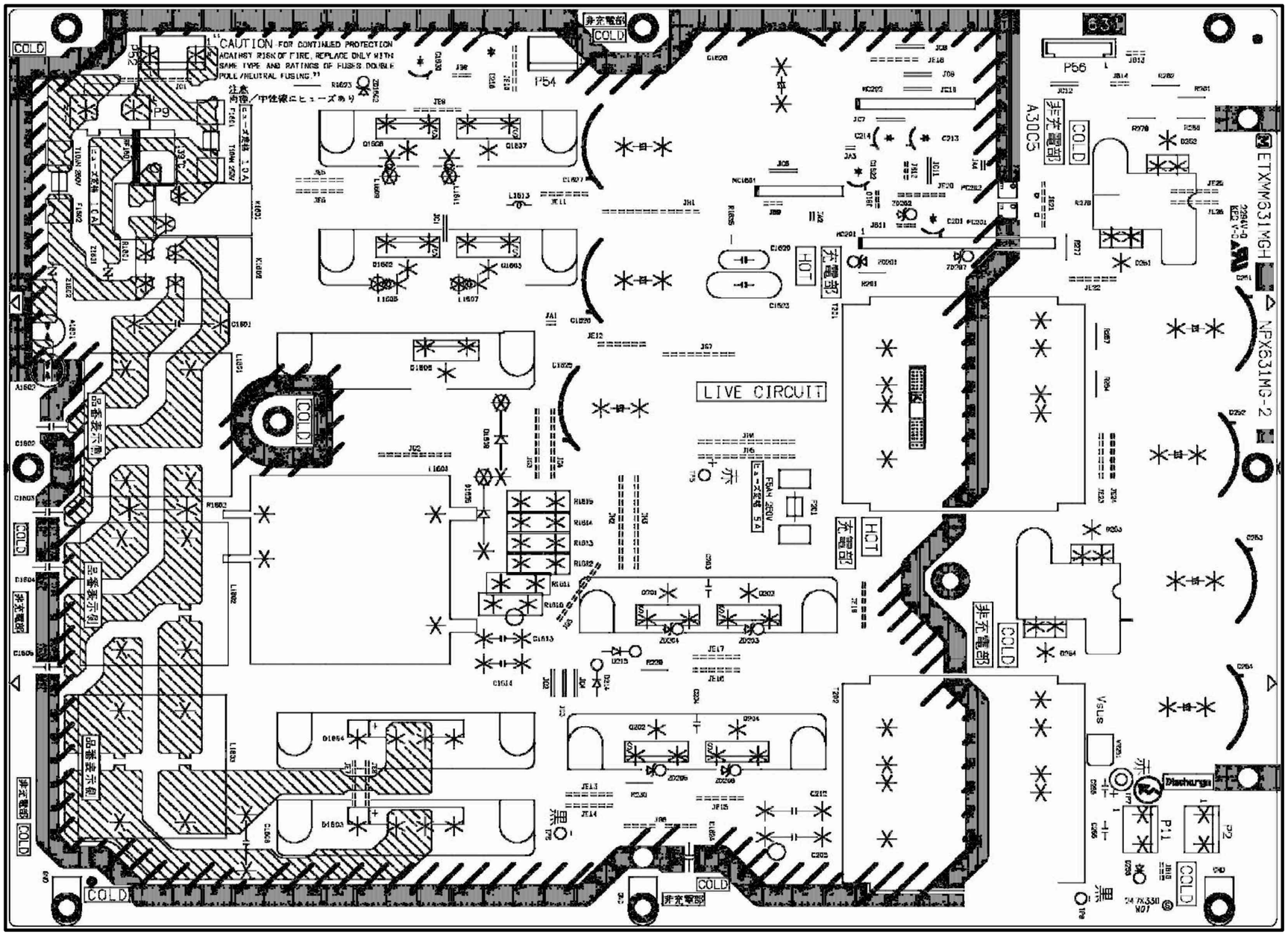
TH-65PV600A/M
P-BOARD (SUS) PARTS LOCATION

Parts Location

P-BOARD (SUS) (COMPONENT SIDE)			
MODULE		**TRANSISTOR**	
MC201	F-5	Q201	E-3
MC202	F-5	Q202	E-2
MC1601	F-5	Q203	E-3
PHOTO COUPLER		Q204	E-2
PC201	G-5	Q1602	D-5
PC202	G-5	Q1603	D-5
VOLUME		Q1606	D-5
VR251	G-2	Q1607	D-5

TH-65PV600A/M
P-BOARD (SUS) PARTS LOCATION

P-BOARD (SUS) (COMPONENT SIDE)
ETXMM631MEA

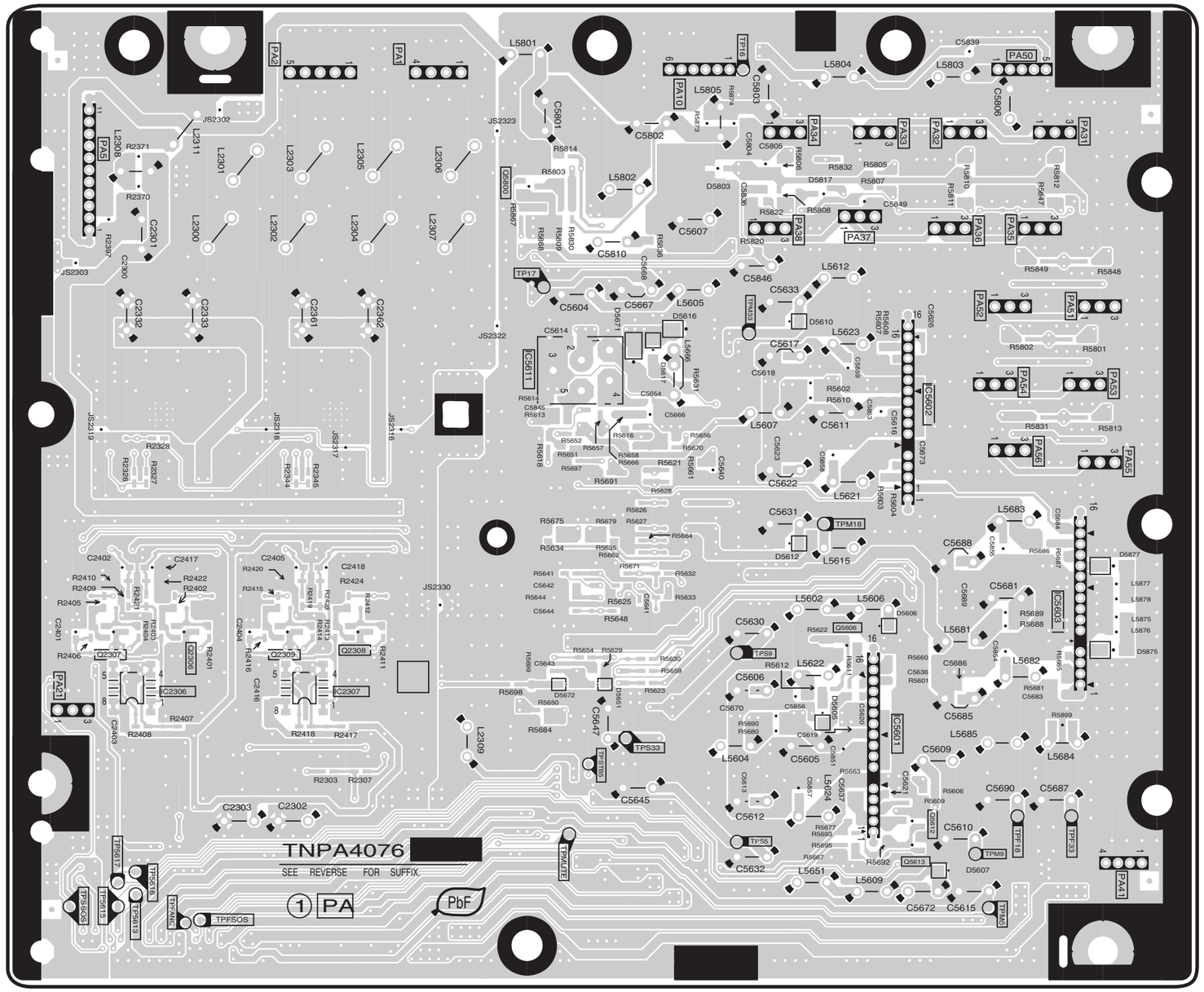


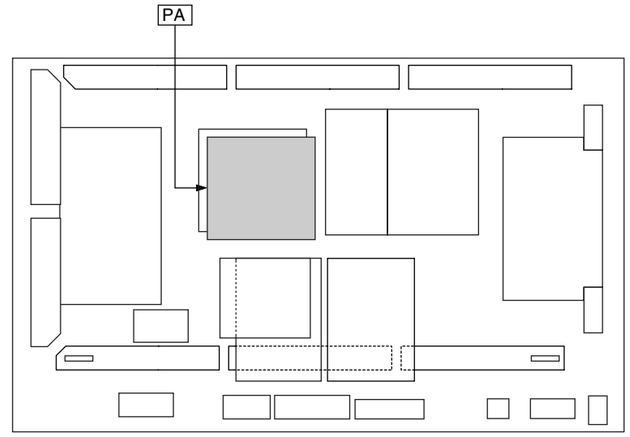
TH-65PV600A/M
P-BOARD (SUS) ETXMM631MEA

TH-65PV600A/M
P-BOARD (SUS) ETXMM631MEA

14.2. PA-Board

PA-BOARD (FOIL SIDE)
TNPA4076

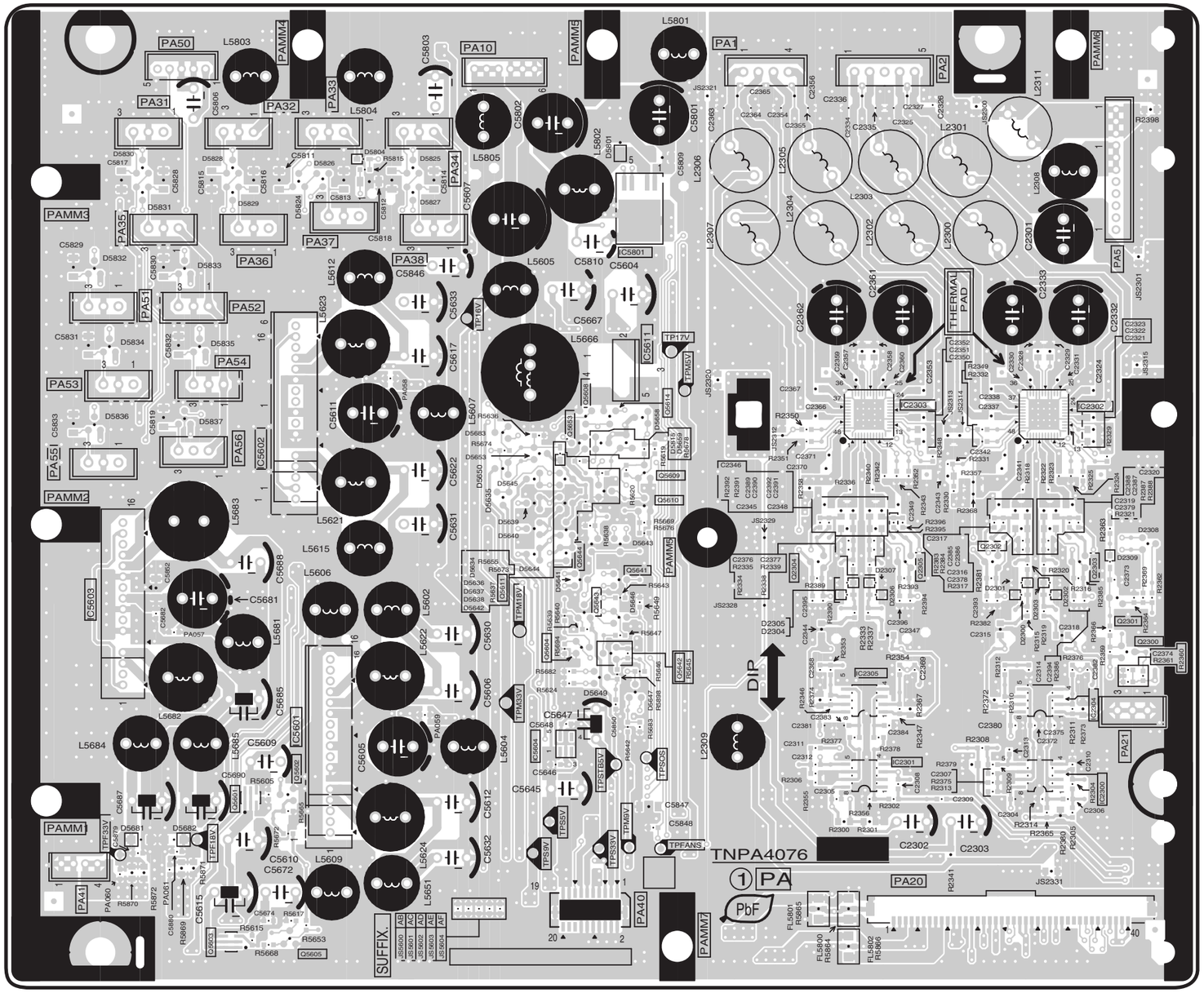


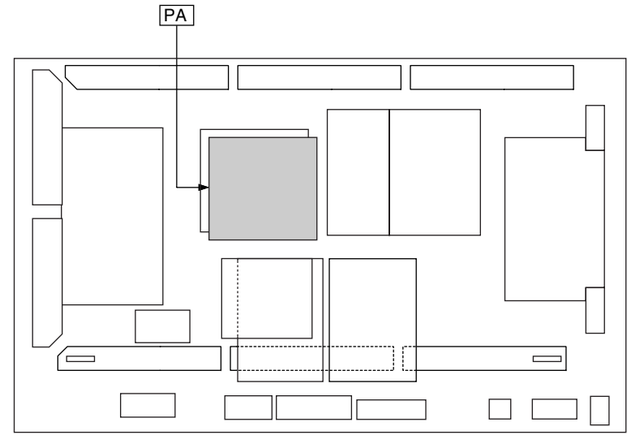


Parts Location

PA-BOARD			
IC		**TP**	
IC2306	A-2	TP16	D-5
IC2307	B-2	TP17	C-4
IC5601	E-2	TP5613	A-1
IC5602	E-4	TP5615	A-1
IC5603	F-3	TP5616	A-1
IC5611	C-4	TP5617	A-1
		TPF18	F-2
TRANSISTOR		TPF33	F-2
		TPFANC	B-1
Q2306	B-2	TPFSOS	B-1
Q2307	A-2	TPM18	E-3
Q2308	B-3	TPM33	D-4
Q2309	B-3	TPM5	F-1
Q5606	E-3	TPM9	F-1
Q5612	E-2	TPMUTE	D-2
Q5613	E-1	TPS33	D-2
Q5800	C-5	TPS5	D-2
		TPS9	D-3
		TPSOS	A-1
		TPSTB5	D-2

PA-BOARD (COMPONENT SIDE)
TNPA4076





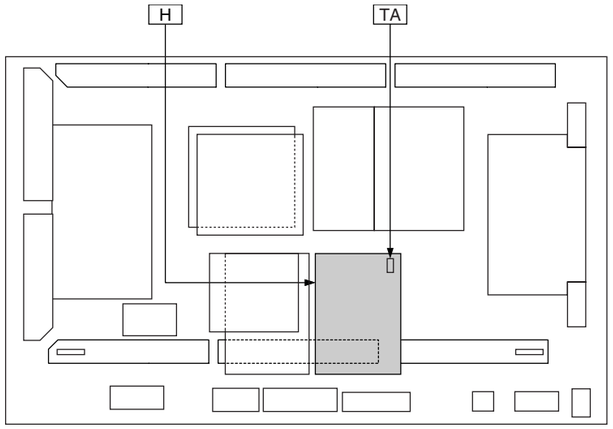
Parts Location

PA-BOARD					
IC		**TRANSISTOR**		**TP**	
IC2300	F-2	Q2300	F-3	TP16V	C-4
IC2301	E-2	Q2301	F-3	TP17V	D-4
IC2302	F-4	Q2302	F-3	TPF18V	B-2
IC2303	E-4	Q2303	F-3	TPF33V	A-2
IC2304	F-2	Q2304	E-3	TPFANS	D-2
IC2305	E-2	Q2305	E-3	TPM18V	C-3
IC5601	B-2	Q5601	B-2	TPM33V	C-2
IC5602	B-4	Q5602	B-2	TPM5V	D-4
IC5603	A-3	Q5603	B-1	TPM9V	D-2
IC5604	C-2	Q5604	C-3	TPS33V	D-2
IC5611	D-4	Q5605	B-1	TPS5V	C-2
IC5801	D-5	Q5608	D-4	TPS9V	C-1
		Q5609	D-3	TPSOS	D-2
		Q5610	D-3	TPSTB5V	D-2
		Q5611	C-3		
		Q5614	D-4		
		Q5641	D-3		
		Q5642	D-2		
		Q5643	D-3		
		Q5644	D-3		
		Q5653	D-4		

TH-65PV600A/M
PA-BOARD TNPA4076

TH-65PV600A/M
PA-BOARD TNPA4076

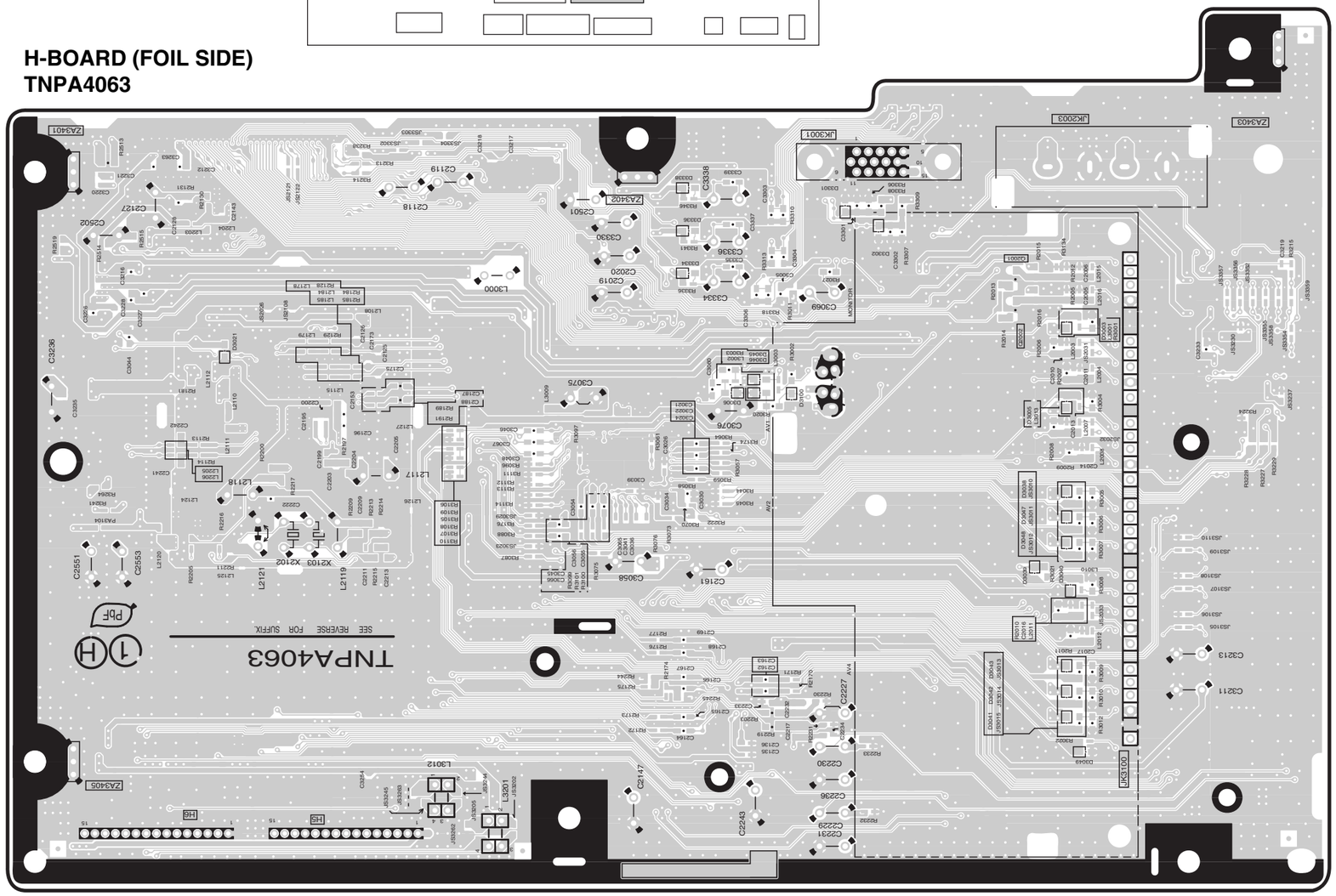
14.3. H-Board and TA-Board

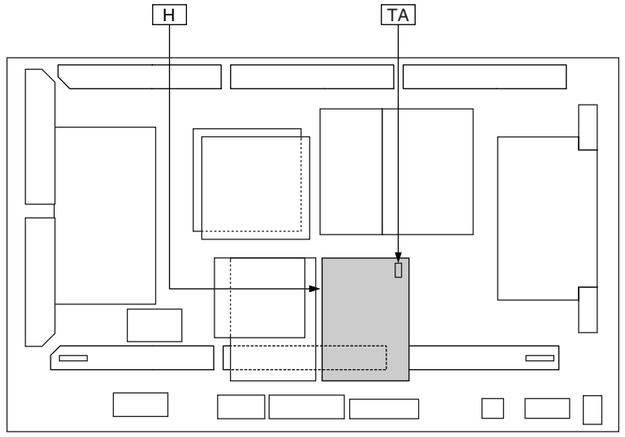


Parts Location

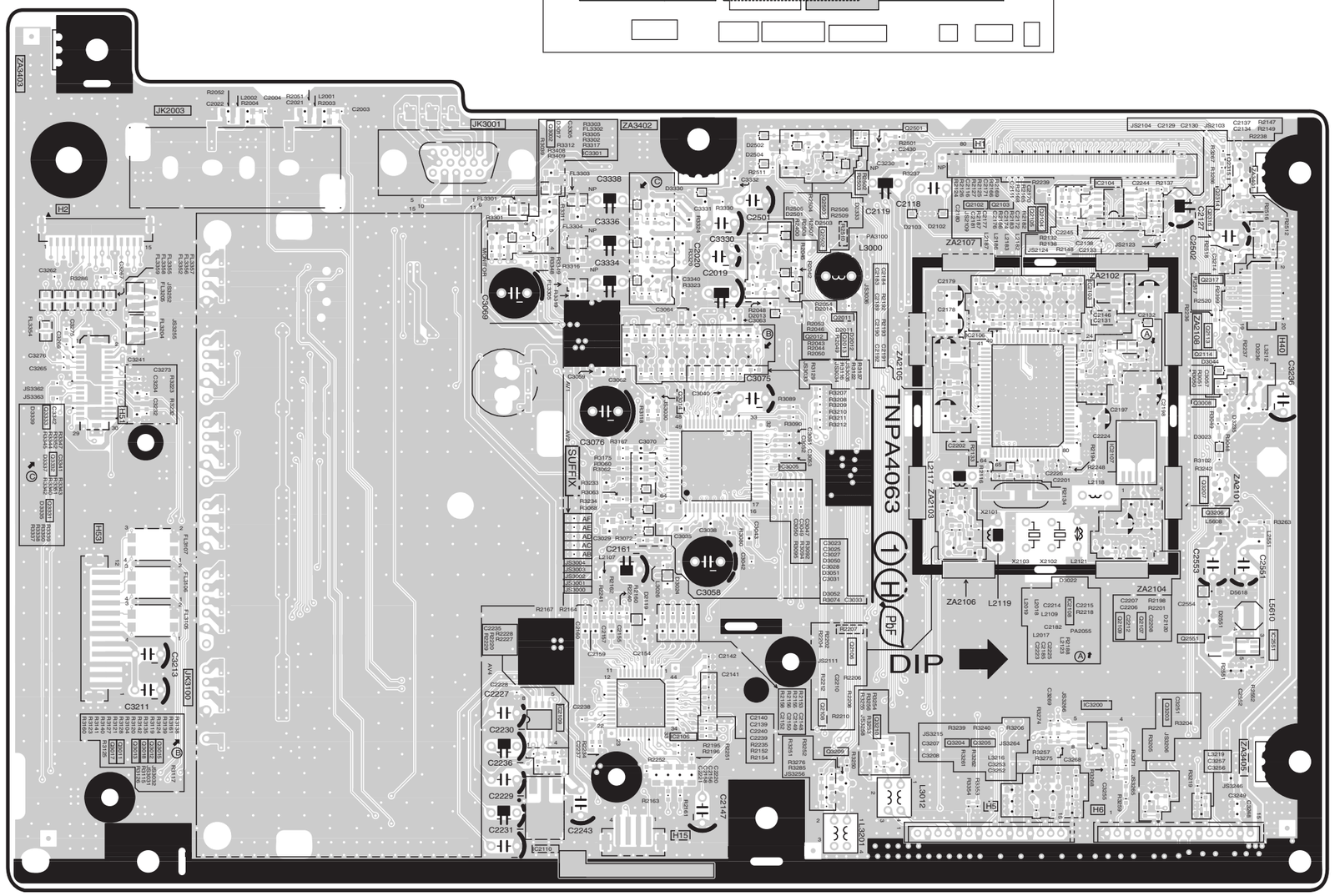
H-BOARD	
TRANSISTOR	
Q2001	F-4
Q2002	F-4

H-BOARD (FOIL SIDE)
TNPA4063





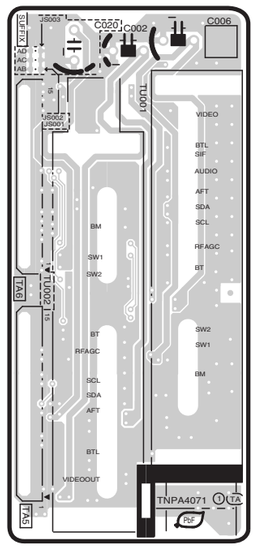
H-BOARD (COMPONENT SIDE)
TNPA4063



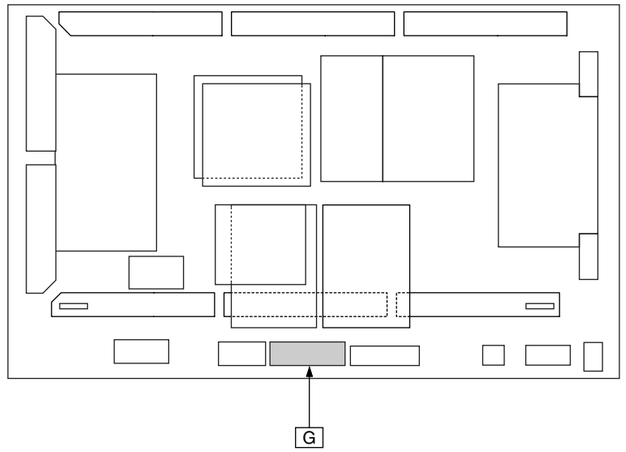
Parts Location

H-BOARD			
IC		Q2314	G-4
IC2103	F-4	Q2315	G-4
IC2104	F-4	Q2316	G-4
IC2105	D-2	Q2317	G-4
IC2106	E-4	Q2501	E-5
IC2107	F-3	Q2502	E-4
IC2108	F-2	Q2503	E-4
IC2109	C-2	Q2551	G-3
IC2110	C-1	Q3002	C-5
IC2551	G-2	Q3008	G-3
IC3005	E-3	Q3011	A-2
IC3200	F-2	Q3012	A-2
IC3301	D-4	Q3013	A-2
		Q3014	D-3
TRANSISTOR		Q3015	A-2
Q2011	E-4	Q3017	A-2
Q2012	E-4	Q3018	A-2
Q2013	E-4	Q3203	F-2
Q2102	E-4	Q3204	E-2
Q2103	F-4	Q3205	F-2
Q2104	F-4	Q3206	G-3
Q2105	F-4	Q3207	G-3
Q2106	E-2	Q3209	E-2
Q2107	F-2	Q3210	E-2
Q2108	E-2	Q3331	A-3
Q2109	F-2	Q3332	A-3
Q2113	G-4	Q3333	A-3
Q2114	G-3		

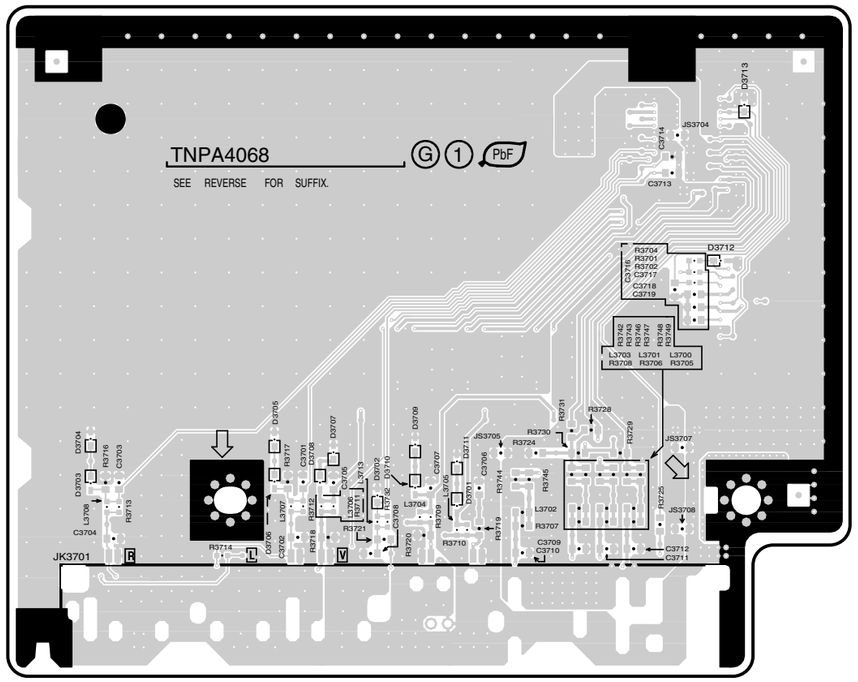
TA-BOARD (COMPONENT SIDE)
TNPA4071



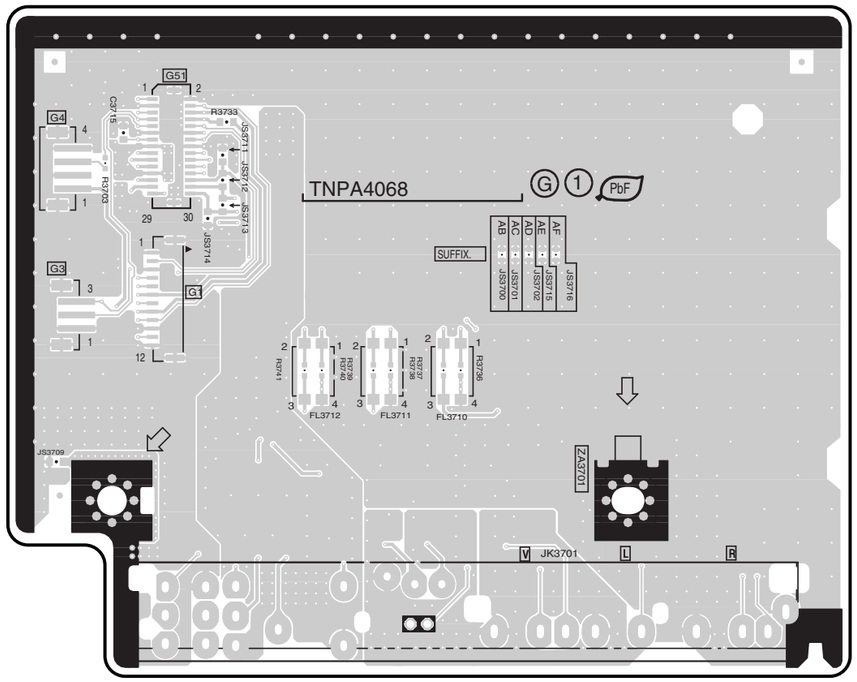
14.4. G-Board



G-BOARD (FOIL SIDE)
TXN/G1FMTM



G-BOARD (COMPONENT SIDE)
TXN/G1FMTM

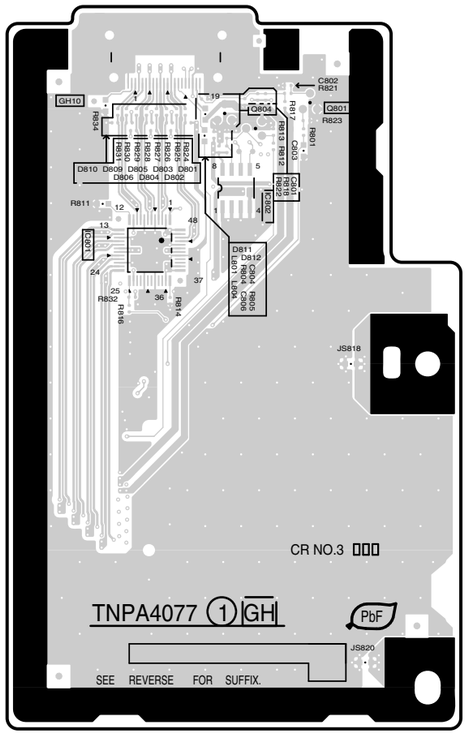


TH-65PV600A/M
G-BOARD TXN/G1FMTM

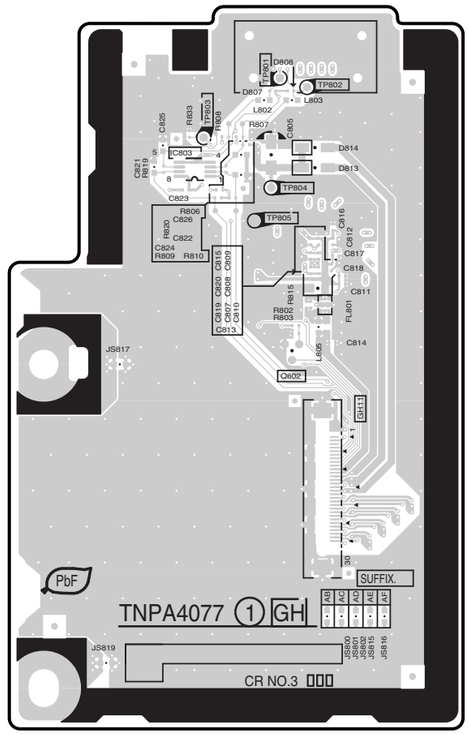
TH-65PV600A/M
G-BOARD TXN/G1FMTM

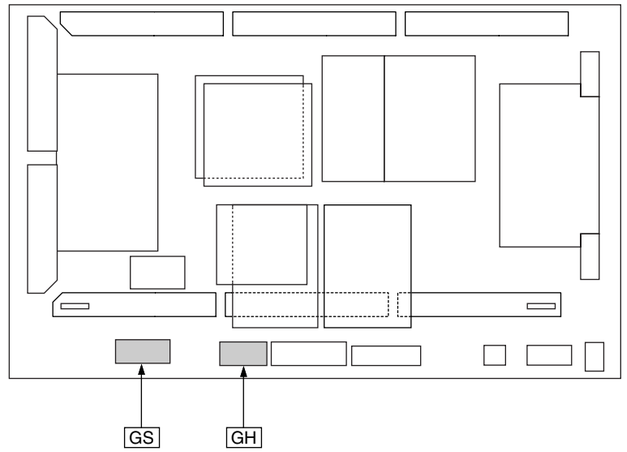
14.5. GH and GS-Board

GH-BOARD (FOIL SIDE)
TNPA4077AC

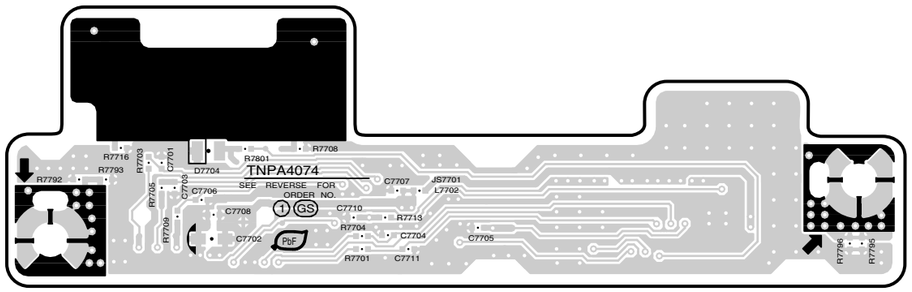


GH-BOARD (COMPONENT SIDE)
TNPA4077AC

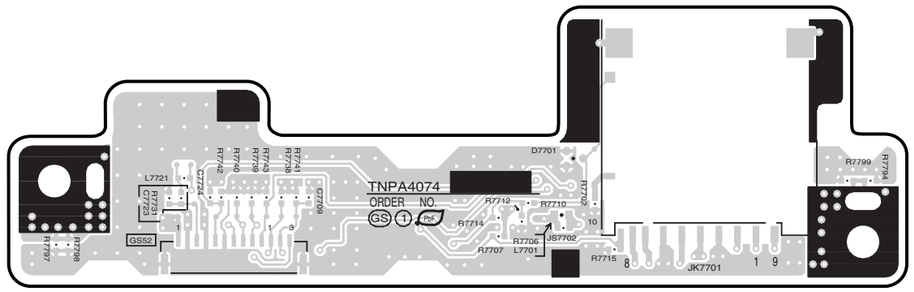




GS-BOARD (FOIL SIDE)
TXNGS1FMTM



GS-BOARD (COMPONENT SIDE)
TXNGS1FMTM

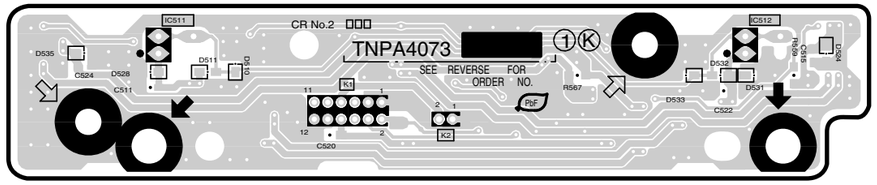


TH-65PV600A/M
GH-BOARD TNPA4077AC
GS-BOARD TXNGS1FMTM

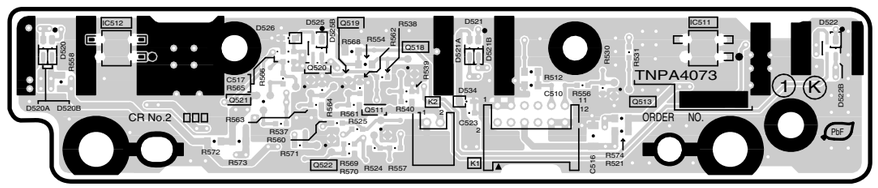
TH-65PV600A/M
GH-BOARD TNPA4077AC
GS-BOARD TXNGS1FMTM

14.6. GK, H3, K, R and S-Board

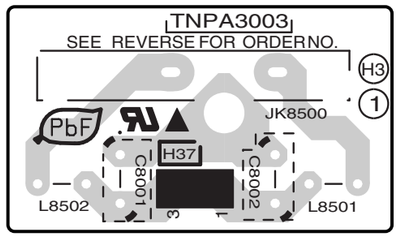
K-BOARD (FOIL SIDE)
TNPA4073AE

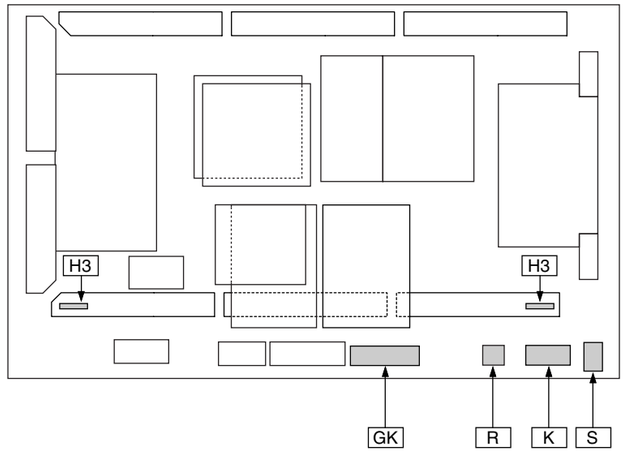


K-BOARD (COMPONENT SIDE)
TNPA4073AE

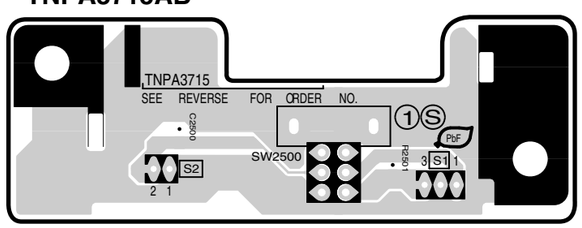


H3-BOARD
TNPA3003

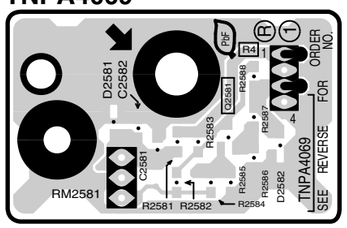




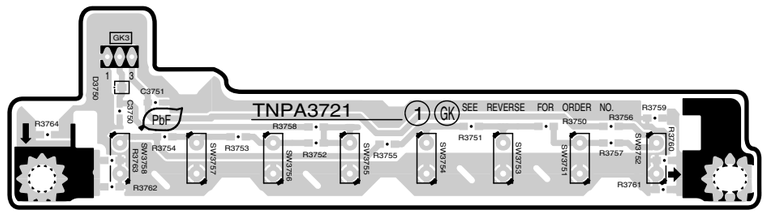
S-BOARD (FOIL SIDE)
TNPA3715AB



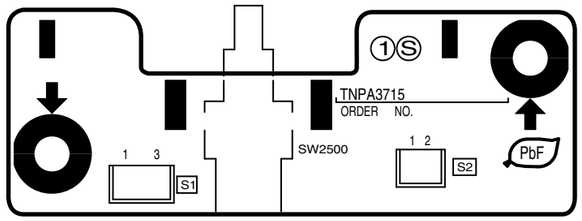
R-BOARD (FOIL SIDE)
TNPA4069



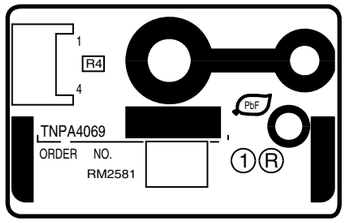
GK-BOARD (FOIL SIDE)
TNPA3721AD



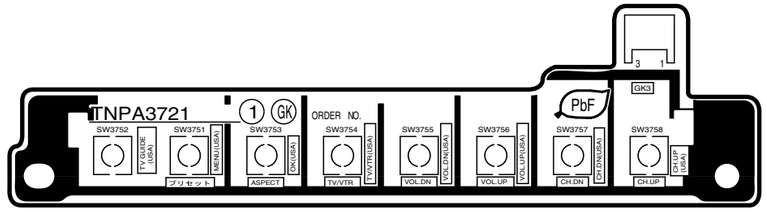
S-BOARD (COMPONENT SIDE)
TNPA3715AB



R-BOARD (COMPONENT SIDE)
TNPA4069



GK-BOARD (COMPONENT SIDE)
TNPA3721AD

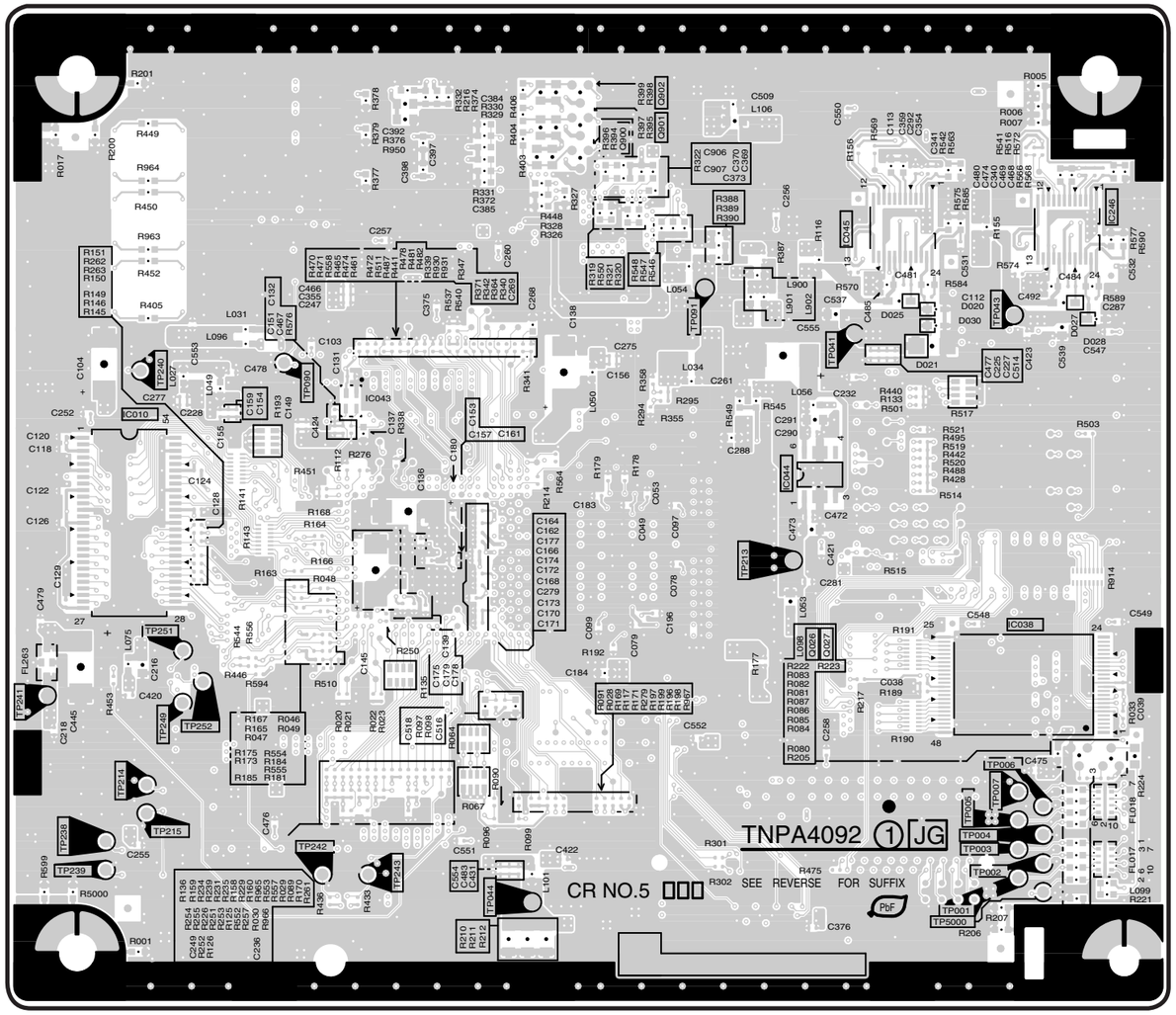


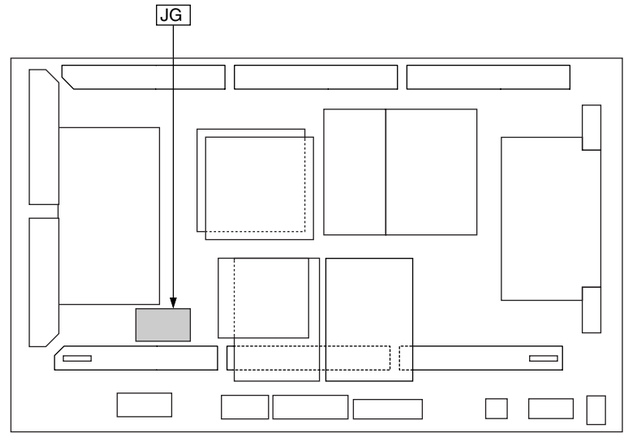
TH-65PV600A/M
GK-BOARD TNPA3721AD
K-BOARD TNPA4073AE R-BOARD TNPA4069
H3-BOARD TNPA3003 S-BOARD TNPA3715AB

TH-65PV600A/M
GK-BOARD TNPA3721AD
K-BOARD TNPA4073AE R-BOARD TNPA4069
H3-BOARD TNPA3003 S-BOARD TNPA3715AB

14.7. JG-Board

JG-BOARD (FOIL SIDE)
TNPA4092

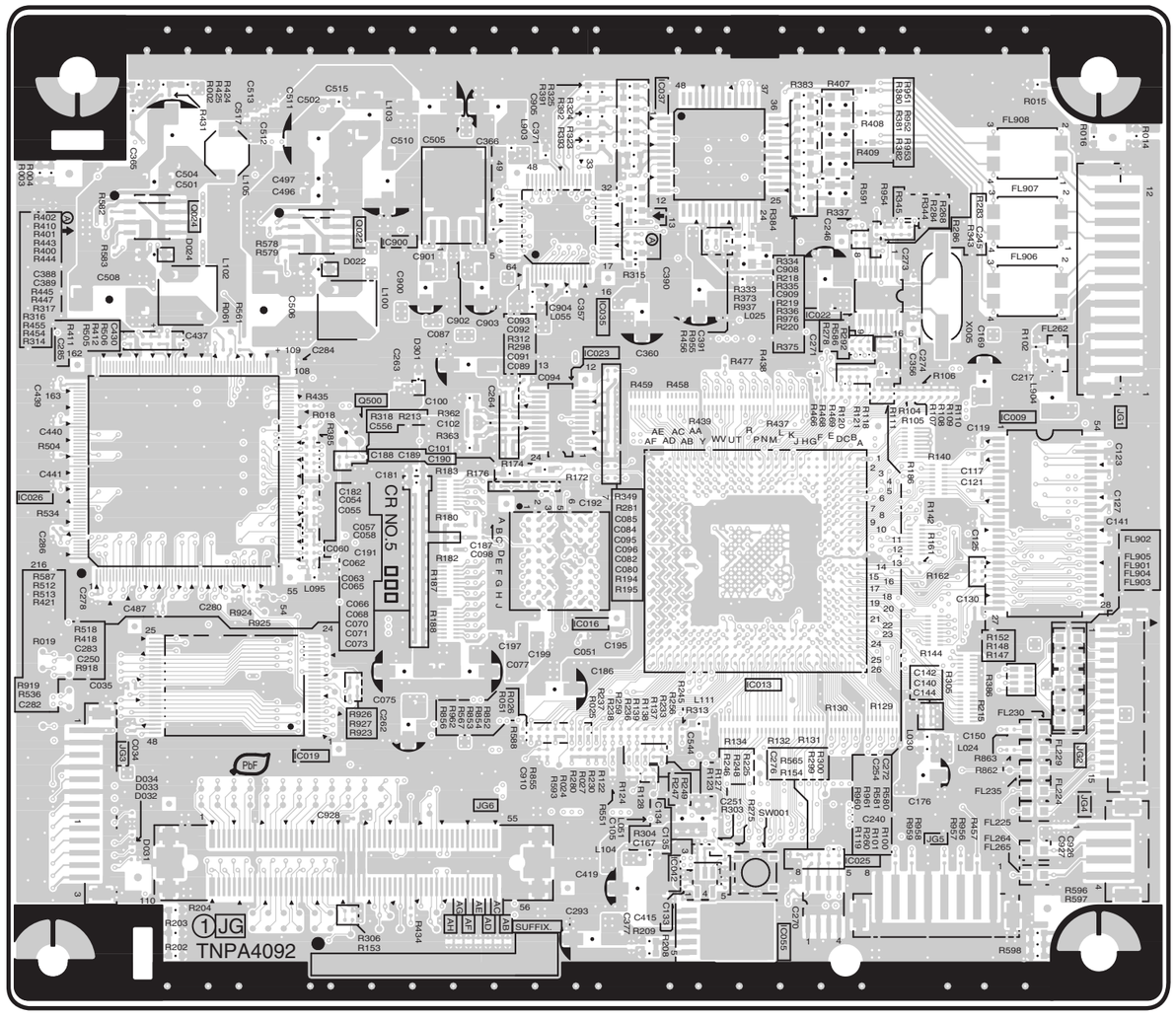


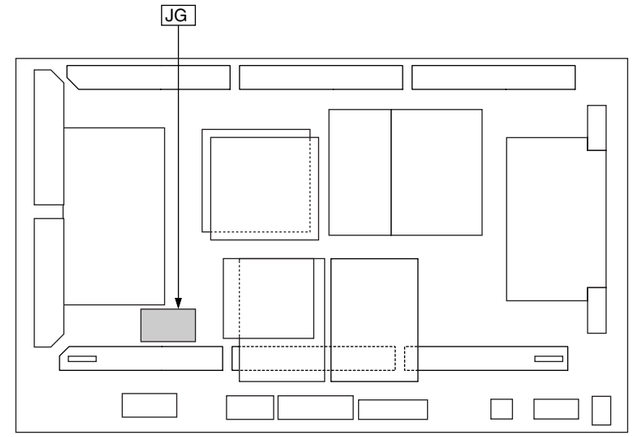


Parts Location

JG-BOARD			
IC		**TP**	
IC5010	A-4	TP5000	E-1
IC5038	E-3	TP5001	E-2
IC5043	B-4	TP5002	E-2
IC5044	D-3	TP5003	E-2
IC5045	D-4	TP5004	E-2
IC5246	E-4	TP5005	E-2
		TP5006	E-2
		TP5007	E-2
TRANSISTOR		TP5041	D-4
Q5026	D-3	TP5043	E-4
Q5027	D-3	TP5044	C-2
Q5900	C-5	TP5090	B-4
Q5901	D-5	TP5091	D-4
Q5902	D-5	TP5213	D-3
		TP5214	A-2
		TP5215	A-2
		TP5238	A-2
		TP5239	A-2
		TP5240	A-4
		TP5241	A-2
		TP5242	B-2
		TP5243	B-2
		TP5249	B-2
		TP5251	B-3
		TP5252	B-2

JG-BOARD (COMPONENT SIDE)
TNPA4092



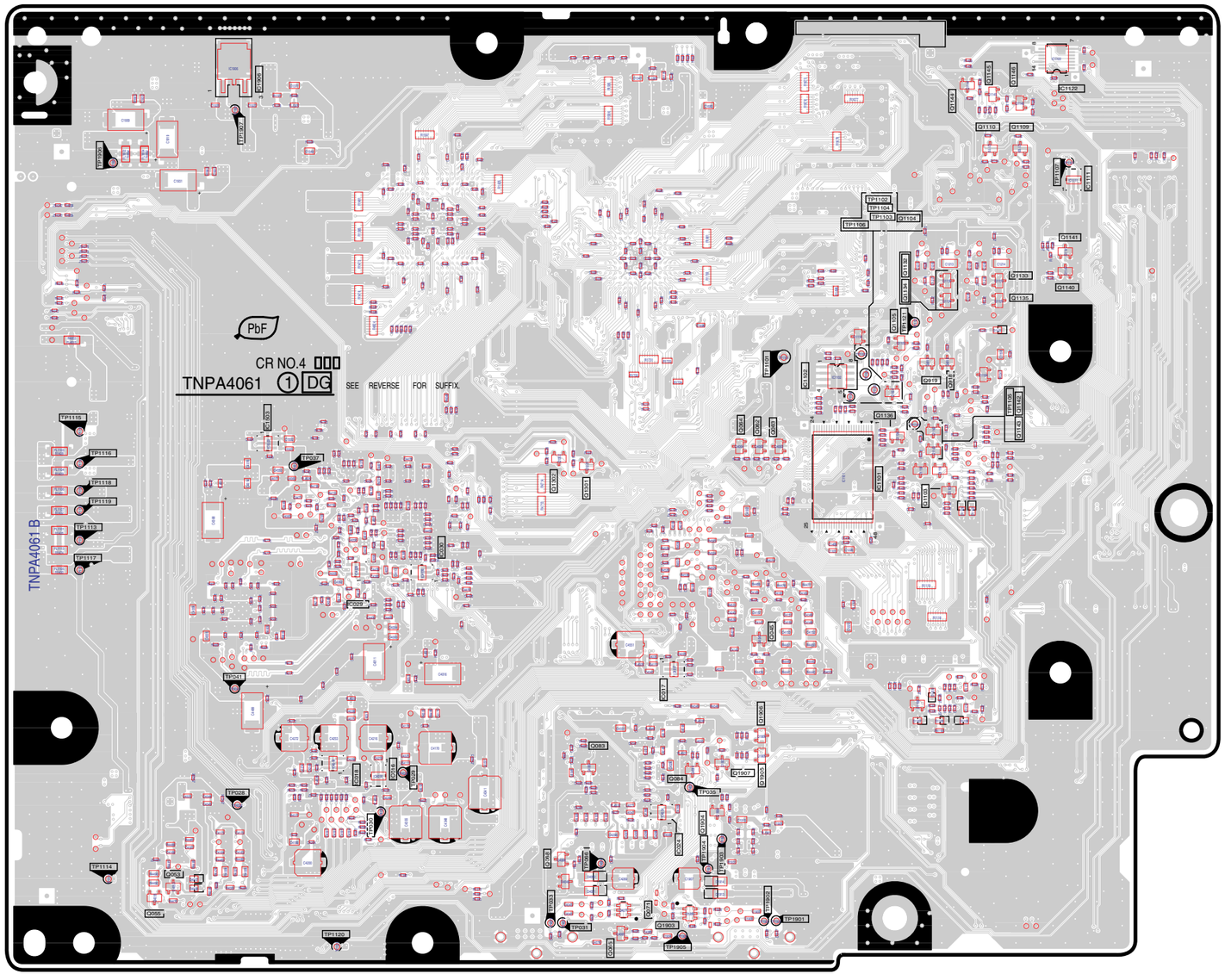


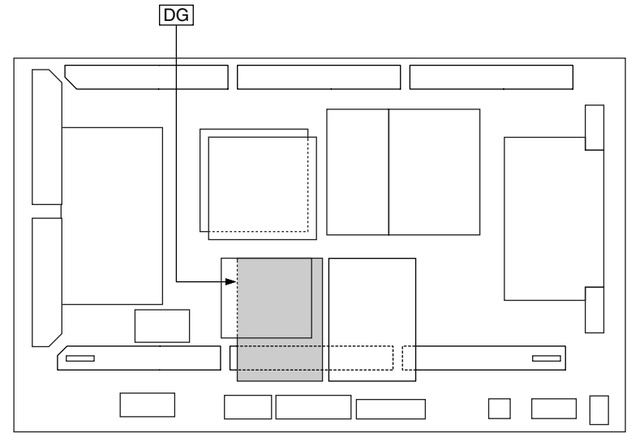
Parts Location

JG-BOARD	
IC	
IC5009	E-4
IC5013	D-2
IC5016	C-3
IC5019	B-2
IC5022	D-4
IC5023	C-4
IC5025	D-2
IC5026	A-3
IC5035	C-4
IC5037	D-5
IC5042	D-2
IC5055	D-1
IC5900	B-4
TRANSISTOR	
Q5022	B-4
Q5024	B-4
Q5500	B-4

14.8. DG-Board

DG-BOARD (FOIL SIDE)
TNPA4061CN (PV600A)
TNPA4061CU (PV600M)





Parts Location

DG-BOARD					
IC		**TRANSISTOR**		**TP**	
IC1101	E-3	Q1103	E-3	TP1101	D-4
IC1102	E-4	Q1104	E-5	TP1102	E-2
IC1111	F-5	Q1105	E-4	TP1103	E-5
IC1122	F-5	Q1109	F-5	TP1104	E-5
IC1503	B-4	Q1110	E-5	TP1105	E-4
IC1906	B-5	Q1132	E-4	TP1106	E-5
IC4016	C-2	Q1133	F-4	TP1107	F-5
IC4017	D-2	Q1134	E-4	TP1113	A-3
IC4018	B-2	Q1135	F-3	TP1114	A-2
IC4024	D-2	Q1136	E-4	TP1115	A-4
IC4029	B-3	Q1140	F-4	TP1116	A-4
IC4030	C-3	Q1141	F-5	TP1117	A-3
		Q1142	E-4	TP1118	A-3
		Q1143	E-4	TP1119	A-3
		Q1144	E-5	TP1120	B-1
		Q1145	E-5	TP1121	E-4
		Q1146	F-5	TP1901	D-1
		Q1301	C-3	TP1902	D-1
		Q1302	C-3	TP1903	D-2
		Q1903	D-1	TP1904	D-2
		Q1904	D-2	TP1905	D-1
		Q1905	D-2	TP1906	A-5
		Q1906	D-2	TP1907	B-5
		Q1907	D-2	TP4028	B-2
		Q4045	D-3	TP4029	C-2
		Q4053	A-2	TP4030	B-2
		Q4055	A-1	TP4031	C-1
		Q4062	D-3	TP4033	C-1
		Q4063	D-3	TP4035	D-2
		Q4064	D-3	TP4037	B-3
		Q4065	D-1	TP4041	B-2
		Q4068	C-2	TP4066	C-2
		Q4071	D-1		
		Q4083	D-2		
		Q4084	D-2		
		Q4918	E-4		
		Q4919	E-4		

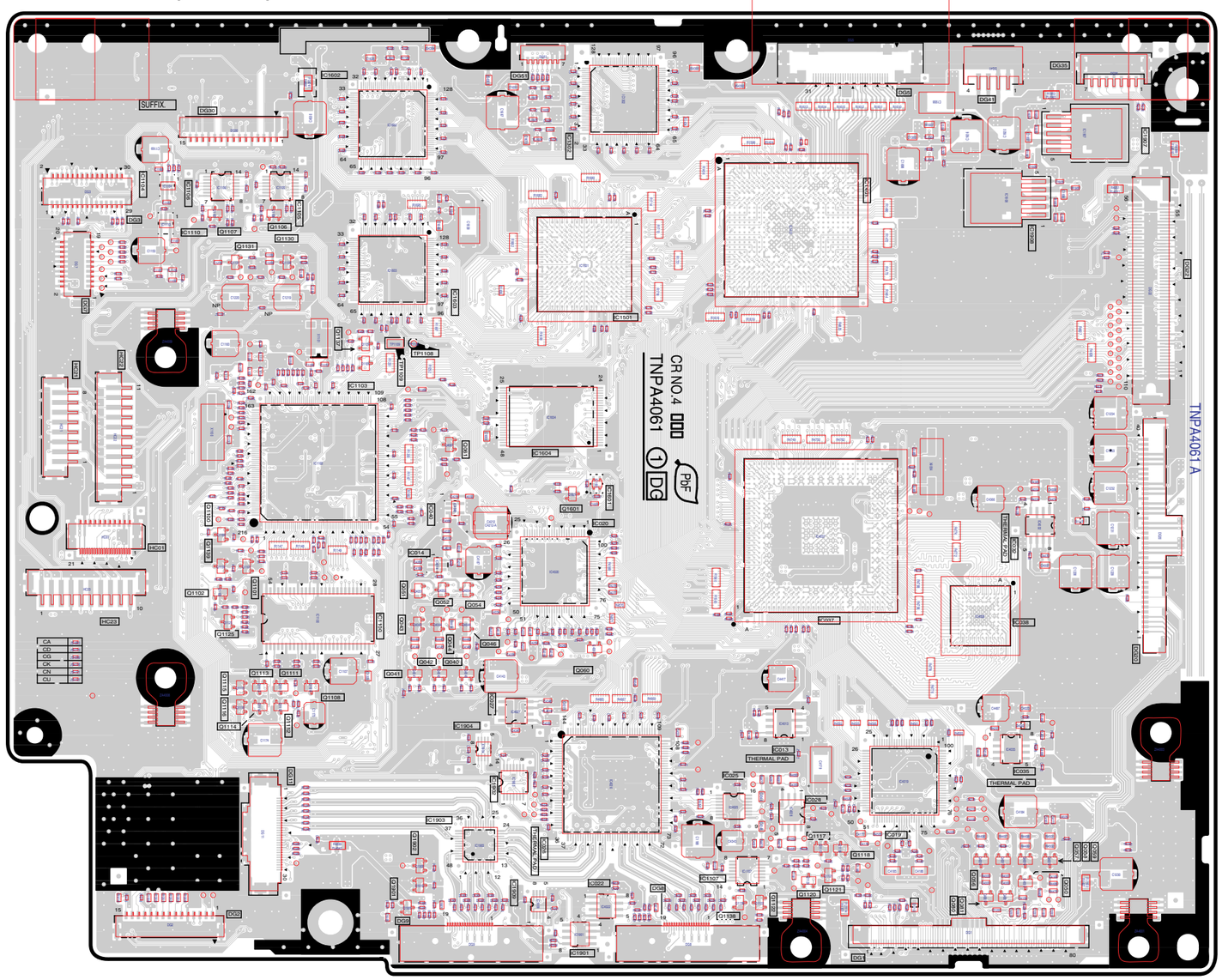
TH-65PV600A
DG-BOARD TNPA4061CN

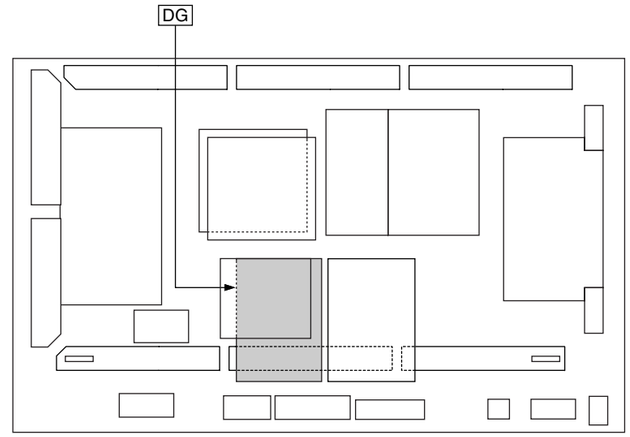
TH-65PV600M
DG-BOARD TNPA4061CU

TH-65PV600A
DG-BOARD TNPA4061CN

TH-65PV600M
DG-BOARD TNPA4061CU

DG-BOARD (COMPONENT SIDE)
TNPA4061CN (PV600A)
TNPA4061CU (PV600M)





Parts Location

DG-BOARD					
IC		**TRANSISTOR**		Q4054	C-3
IC1100	B-3	Q1100	B-3	Q4056	E-2
IC1103	B-4	Q1101	B-3	Q4057	F-2
IC1104	A-5	Q1102	B-3	Q4058	F-2
IC1105	B-5	Q1106	B-5	Q4059	F-2
IC1106	B-5	Q1107	B-5	Q4060	C-3
IC1107	D-2	Q1108	B-2	Q4061	C-4
IC1110	B-5	Q1111	B-3	Q4080	E-1
IC1302	C-5	Q1112	B-2	Q4081	E-1
IC1401	E-5	Q1113	B-3	**TP**	
IC1501	D-4	Q1114	B-2		
IC1601	D-3	Q1115	B-2	TP1108	C-4
IC1602	B-5	Q1116	B-2	TP1109	C-4
IC1603	C-4	Q1117	E-2		
IC1604	C-4	Q1118	E-2		
IC1901	C-1	Q1120	E-1		
IC1902	C-2	Q1121	E-2		
IC1903	C-2	Q1122	D-1		
IC1904	C-2	Q1125	B-3		
IC1907	F-5	Q1130	B-5		
IC1908	F-5	Q1131	B-5		
IC1909	C-1	Q1137	B-4		
IC4013	D-2	Q1138	D-1		
IC4014	C-3	Q1139	B-3		
IC4019	E-2	Q1601	C-3		
IC4020	C-3	Q1901	C-1		
IC4022	D-1	Q1902	C-2		
IC4025	D-2	Q4040	C-3		
IC4026	C-2	Q4041	C-3		
IC4027	C-2	Q4042	C-3		
IC4028	E-2	Q4043	C-3		
IC4032	F-3	Q4044	C-3		
IC4035	F-2	Q4046	C-3		
IC4037	E-3	Q4050	F-2		
IC4038	F-3	Q4051	C-3		
IC4040	C-3	Q4052	C-3		

TH-65PV600A
DG-BOARD TNPA4061CN

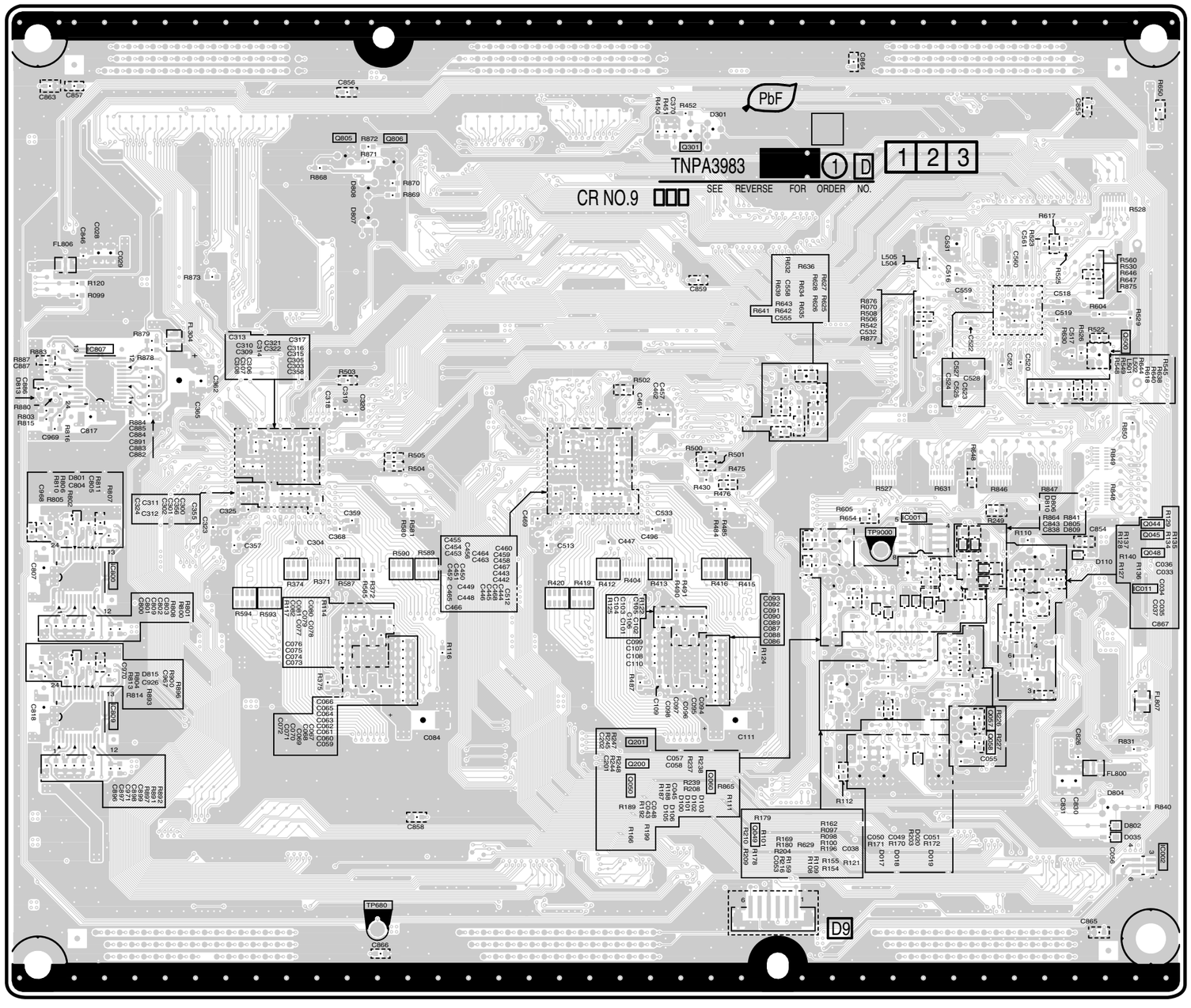
TH-65PV600M
DG-BOARD TNPA4061CU

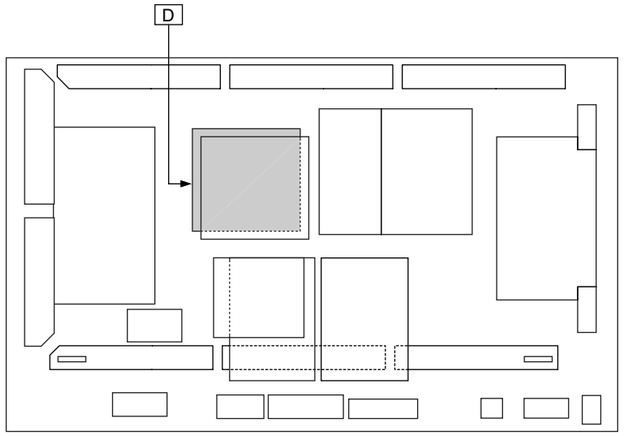
TH-65PV600A
DG-BOARD TNPA4061CN

TH-65PV600M
DG-BOARD TNPA4061CU

14.9. D-Board

D-BOARD (FOIL SIDE)
TZTNP01FMTM





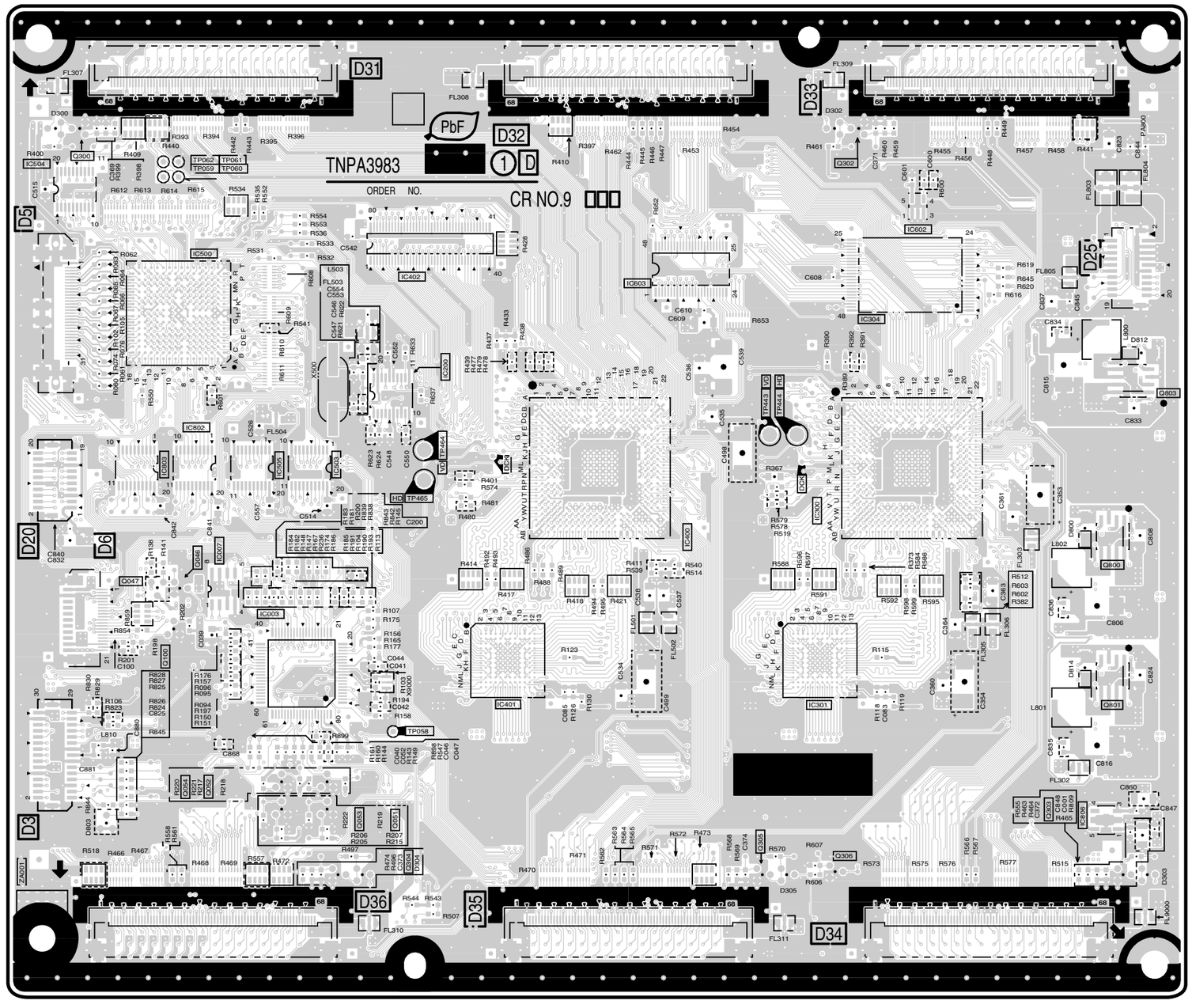
Parts Location

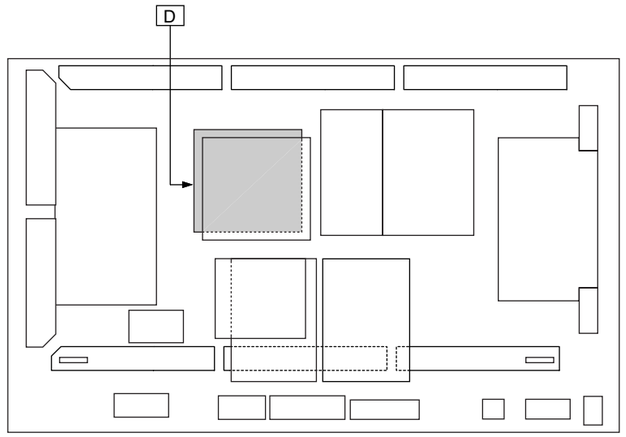
D-BOARD (FOIL SIDE)			
IC		**TRANSISTOR**	
IC9001	E-3	Q9044	G-3
IC9002	G-2	Q9045	G-3
IC9011	G-3	Q9048	G-3
IC9800	A-3	Q9049	E-2
IC9807	A-4	Q9050	D-2
IC9809	A-2	Q9057	F-2
TP		Q9058	F-2
TP9000	E-3	Q9060	D-2
TP9680	C-1	Q9200	D-2
		Q9201	D-2
		Q9301	D-5
		Q9500	F-4
		Q9805	B-5
		Q9806	C-5

TH-65PV600A/M
D-BOARD TZTNP01FMTM

TH-65PV600A/M
D-BOARD TZTNP01FMTM

D-BOARD (COMPONENT SIDE)
TZTNP01FMTM





Parts Location

D-BOARD (COMPONENT SIDE)			
IC		**TRANSISTOR**	
IC9003	B-3	Q9046	B-3
IC9007	B-3	Q9047	A-3
IC9200	C-4	Q9051	C-2
IC9300	E-3	Q9052	B-2
IC9301	E-2	Q9053	C-2
IC9304	E-4	Q9054	B-2
IC9400	D-3	Q9100	B-3
IC9401	C-2	Q9300	A-5
IC9402	C-5	Q9302	E-5
IC9500	B-5	Q9303	F-2
IC9503	B-4	Q9304	C-1
IC9504	A-1	Q9305	E-2
IC9505	B-4	Q9306	E-2
IC9602	E-5	Q9800	F-3
IC9603	D-5	Q9801	F-2
IC9802	B-4	Q9803	G-4
IC9803	A-4		
IC9806	F-2	**TP**	
		TP9058	C-2
		TP9059	B-5
		TP9060	B-5
		TP9061	B-5
		TP9062	B-5
		TP9443	E-4
		TP9444	E-4
		TP9464	C-4
		TP9465	C-4

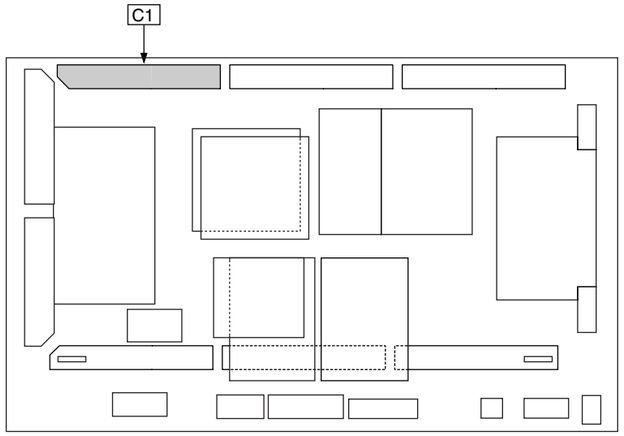
TH-65PV600A/M
D-BOARD TZTNP01FMTM

TH-65PV600A/M
D-BOARD TZTNP01FMTM

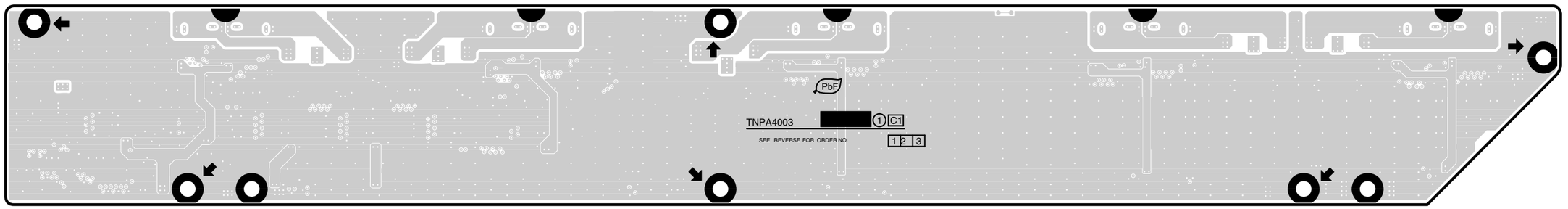
14.10. C1-Board

Parts Location

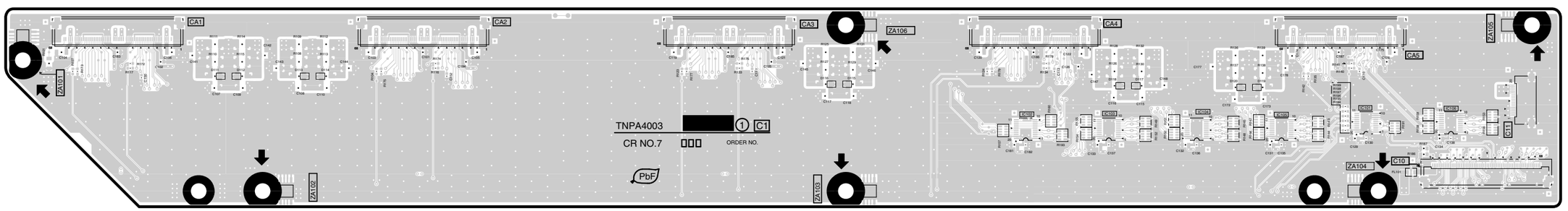
C1-BOARD	
IC	
IC7101	H-2
IC7102	G-2
IC7103	G-2
IC7104	H-2
IC7105	H-5
IC7106	I-2



C1-BOARD (FOIL SIDE)
TNPA4003



C1-BOARD (COMPONENT SIDE)
TNPA4003



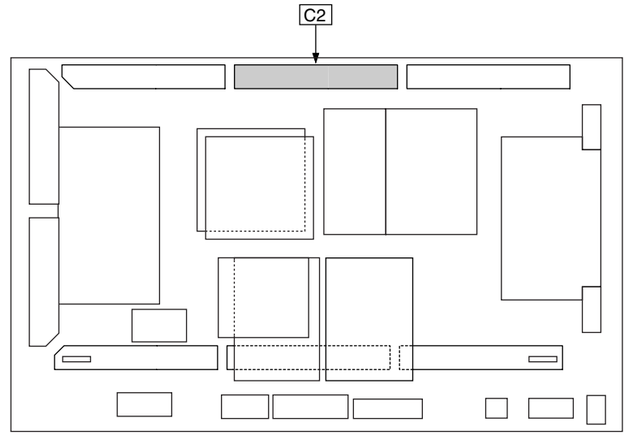
TH-65PV600A/M
C1-BOARD TNPA4003

TH-65PV600A/M
C1-BOARD TNPA4003

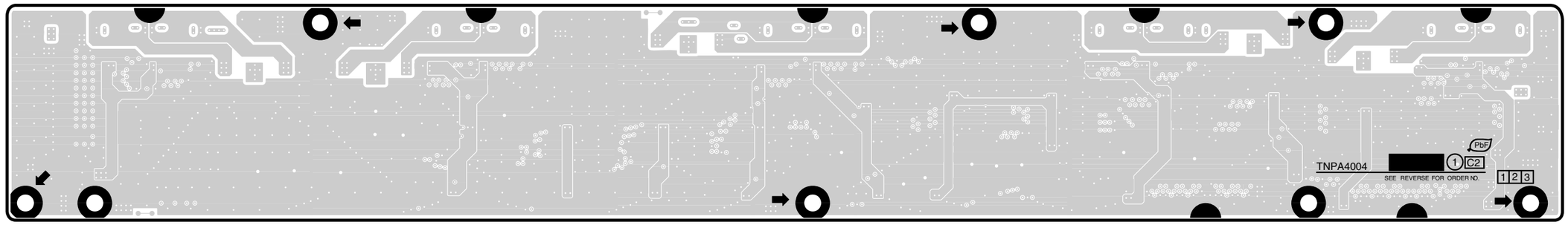
14.11. C2-Board

Parts Location

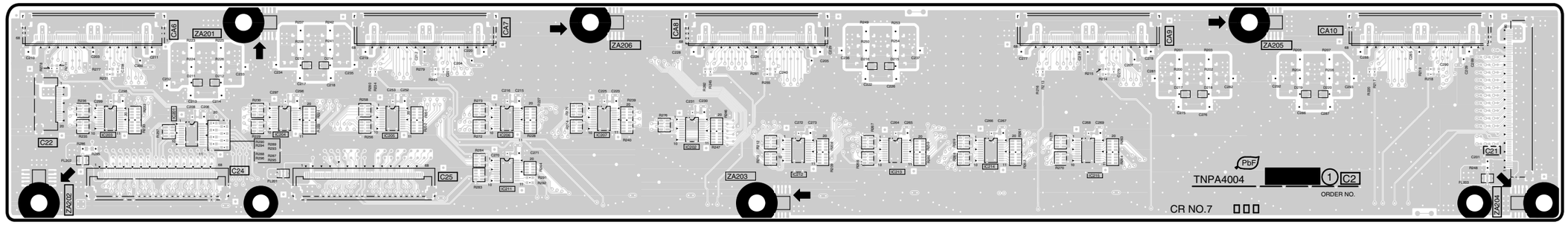
C2-BOARD	
IC	
IC7201	B-2
IC7202	D-1
IC7203	A-2
IC7204	B-2
IC7205	C-2
IC7206	C-2
IC7207	D-2
IC7211	C-1
IC7212	E-1
IC7213	F-1
IC7214	F-1
IC7215	G-1



C2-BOARD (FOIL SIDE)
TNPA4004



C2-BOARD (COMPONENT SIDE)
TNPA4004



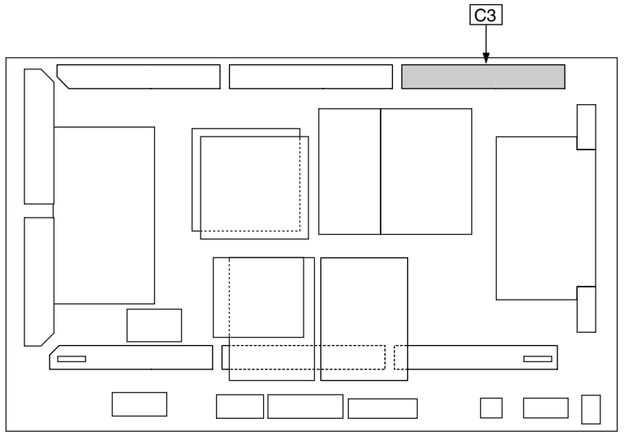
TH-65PV600A/M
C2-BOARD TNPA4004

TH-65PV600A/M
C2-BOARD TNPA4004

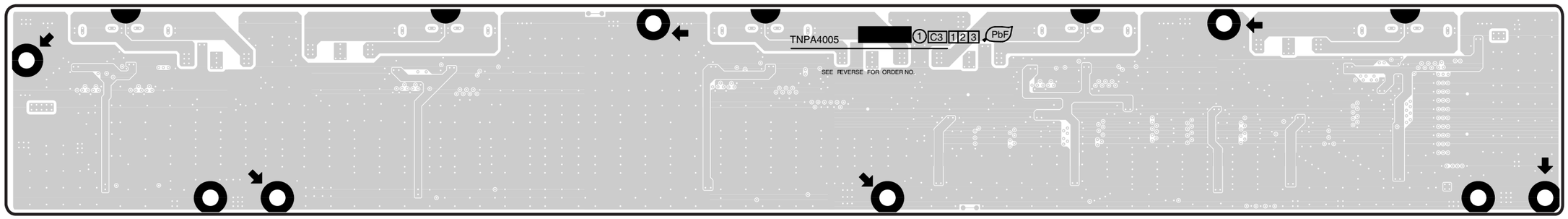
14.12. C3-Board

Parts Location

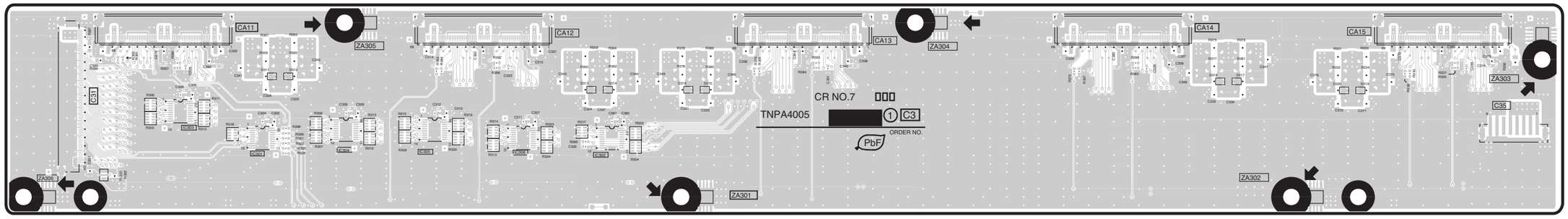
C3-BOARD	
IC	
IC7301	B-1
IC7302	D-1
IC7303	B-2
IC7304	C-1
IC7305	C-1
IC7306	D-1



C3-BOARD (FOIL SIDE)
TNPA4005



C3-BOARD (COMPONENT SIDE)
TNPA4005



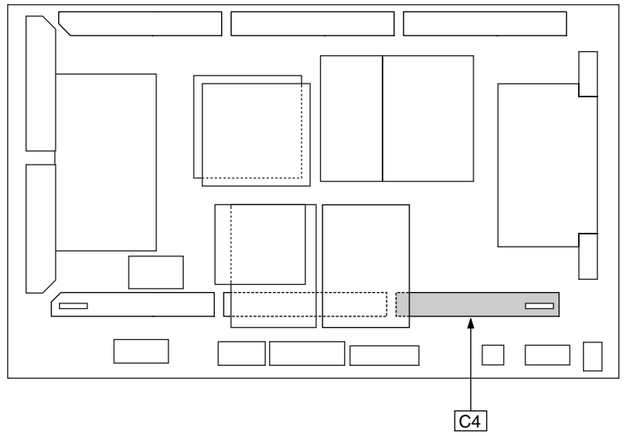
TH-65PV600A/M
C3-BOARD TNPA4005

TH-65PV600A/M
C3-BOARD TNPA4005

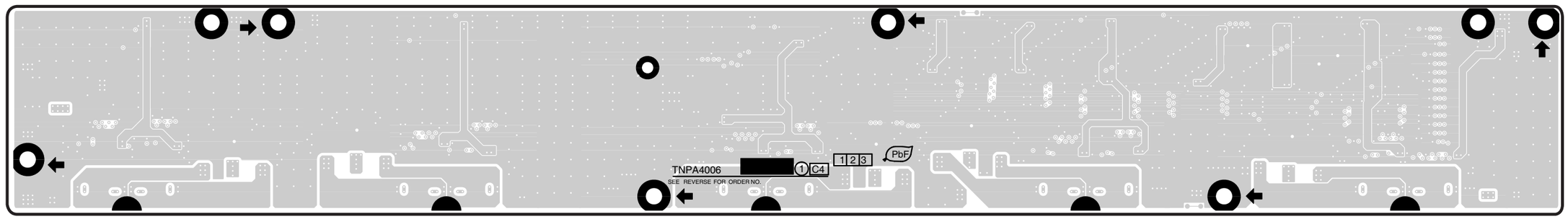
14.13. C4-Board

Parts Location

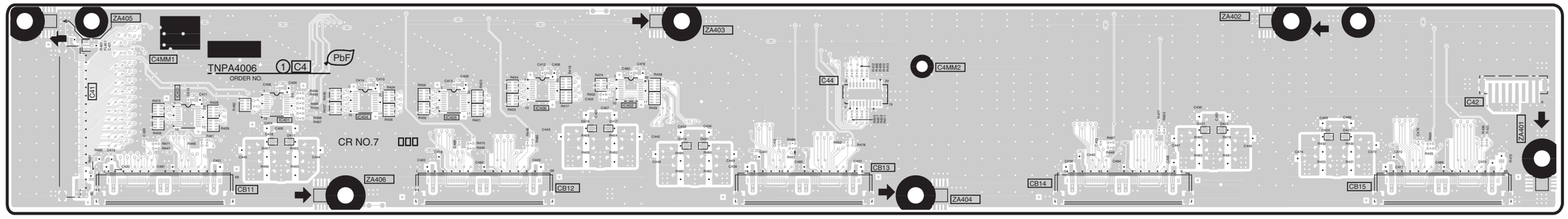
C4-BOARD	
IC	
IC7401	B-2
IC7402	D-2
IC7403	B-2
IC7404	C-2
IC7405	C-2
IC7406	D-2



C4-BOARD (FOIL SIDE)
TNPA4006



C4-BOARD (COMPONENT SIDE)
TNPA4006



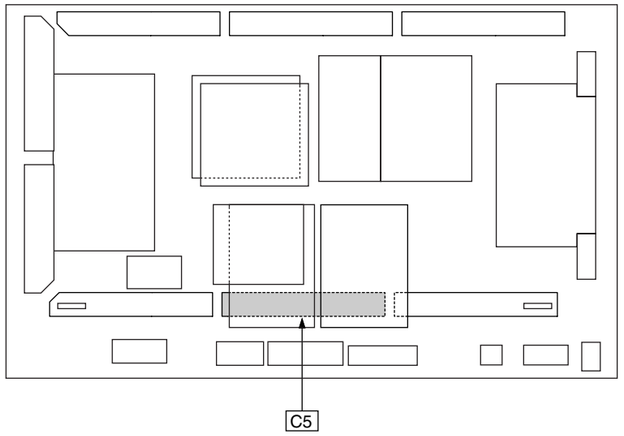
TH-65PV600A/M
C4-BOARD TNPA4006

TH-65PV600A/M
C4-BOARD TNPA4006

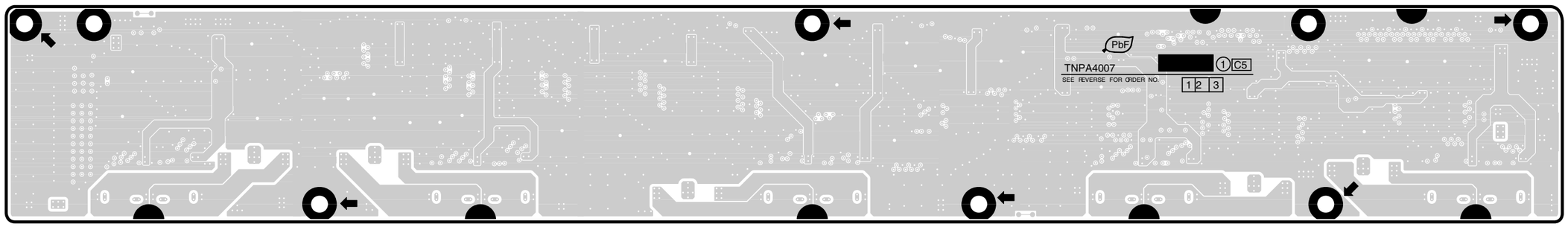
14.14. C5-Board

Parts Location

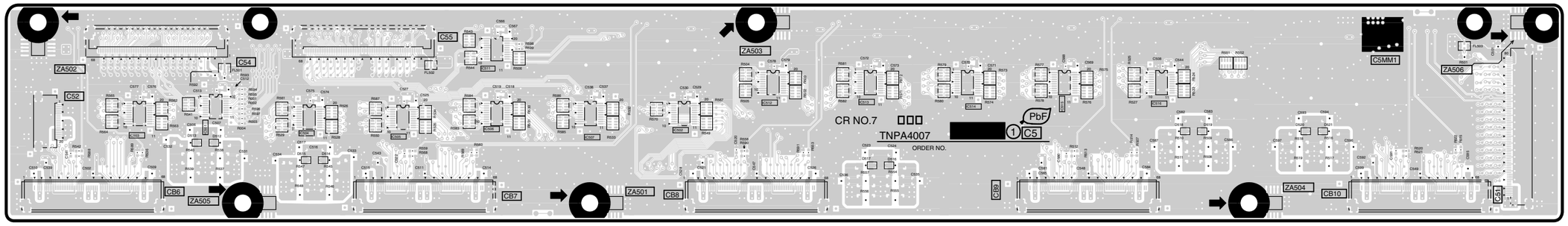
C5-BOARD	
IC	
IC7501	B-2
IC7502	D-2
IC7503	A-2
IC7504	B-2
IC7505	C-2
IC7507	D-2
IC7511	C-2
IC7512	E-2
IC7513	E-2
IC7514	F-2
IC7215	G-2
IC7516	G-2



C5-BOARD (FOIL SIDE)
TNPA4007



C5-BOARD (COMPONENT SIDE)
TNPA4007



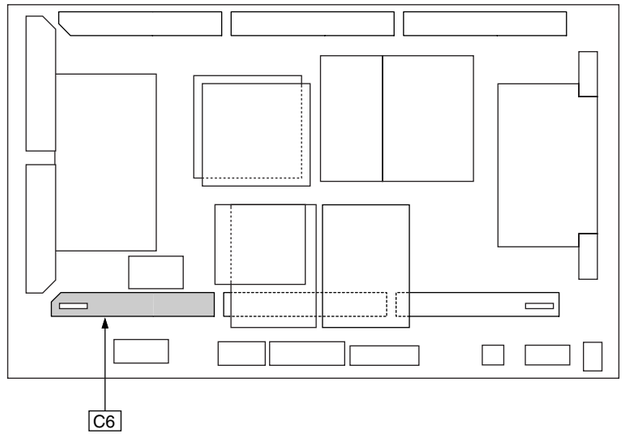
TH-65PV600A/M
C5-BOARD TNPA4007

TH-65PV600A/M
C5-BOARD TNPA4007

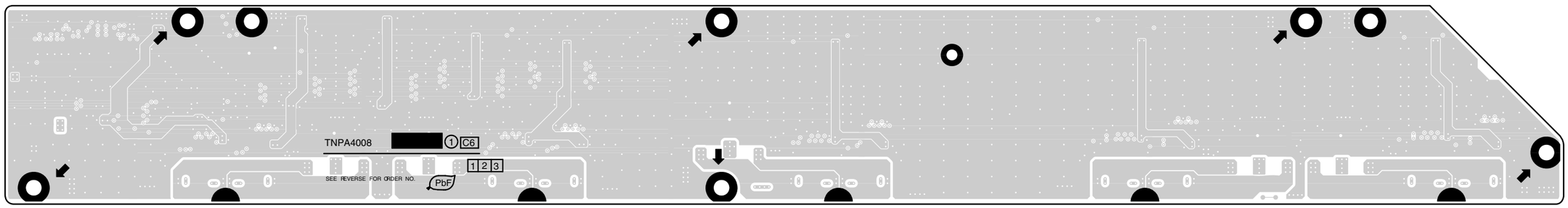
14.15. C6-Board

Parts Location

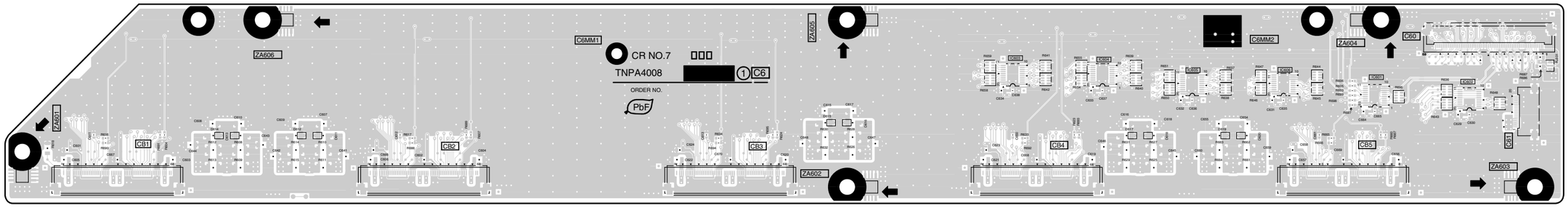
C6-BOARD	
IC	
IC7601	H-2
IC7602	I-2
IC7603	F-2
IC7604	G-2
IC7605	G-5
IC7606	H-2



C6-BOARD (FOIL SIDE)
TNPA4008



C6-BOARD (COMPONENT SIDE)
TNPA4008

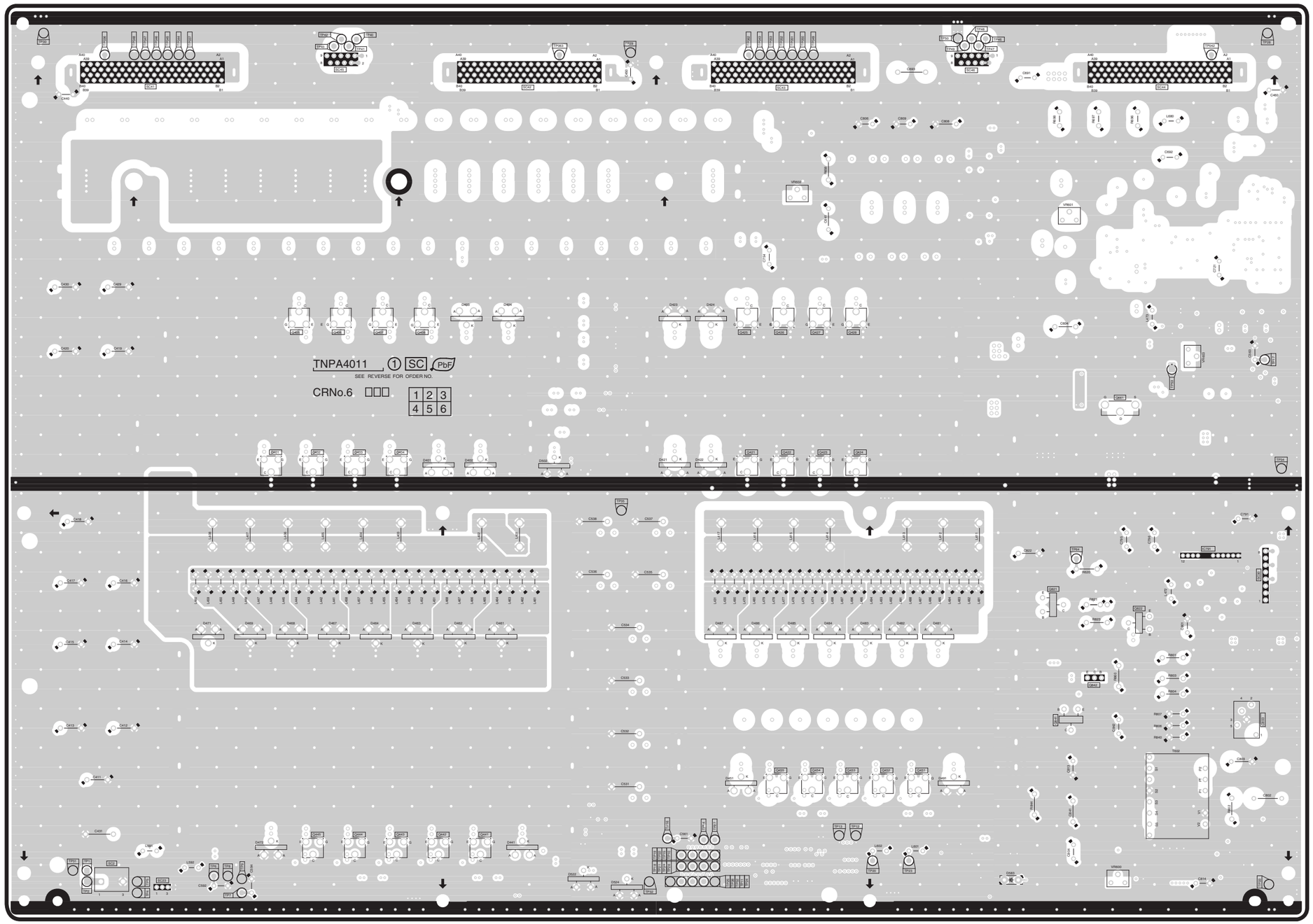


TH-65PV600A/M
C6-BOARD TNPA4008

TH-65PV600A/M
C6-BOARD TNPA4008

14.16. SC-Board

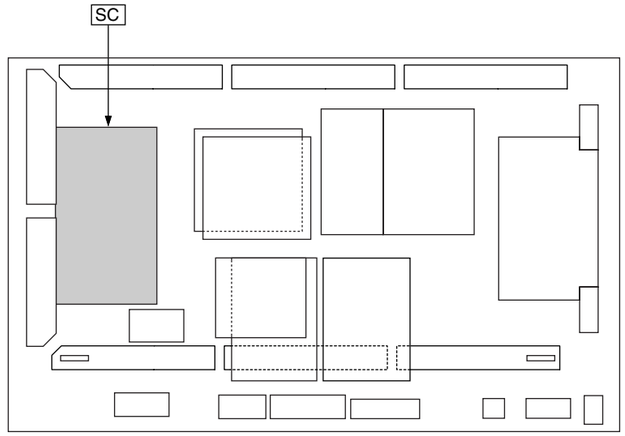
SC-BOARD (FOIL SIDE)
TNPA4011



TH-65PV600A/M
SC-BOARD TNPA4011

TH-65PV600A/M
SC-BOARD TNPA4011

A B C D E F G H I



Parts Location

SC-BOARD (FOIL SIDE)

IC		TP		TP23	F-1
IC6791	H-3	TP036	B-6	TP24	E-1
IC6803	I-2	TP037	B-6	TP25	E-1
TRANSISTOR		TP042	H-6	TP26	E-1
Q6401	C-4	TP043	F-6	TP27	E-1
Q6402	C-4	TP044	B-6	TP28	I-6
Q6403	C-4	TP045	B-6	TP29	E-6
Q6404	C-4	TP046	B-6	TP30	A-6
Q6405	C-4	TP047	B-6	TP31	B-1
Q6406	C-4	TP048	B-6	TP32	E-1
Q6407	C-4	TP049	F-6	TP33	I-1
Q6408	D-4	TP050	F-6	TP34	I-3
Q6421	F-4	TP051	F-6	TP35	E-3
Q6422	F-4	TP052	F-6	TP38	E-1
Q6423	F-4	TP053	F-6	TP39	E-1
Q6424	F-4	TP062	F-6	TP40	C-6
Q6425	F-4	TP063	D-6	TP41	C-6
Q6426	F-4	TP1	B-1	TP42	C-6
Q6427	F-4	TP2	B-1	TP43	C-6
Q6428	F-4	TP4	B-1	TP46	G-6
Q6441	D-1	TP5	B-1	TP47	G-6
Q6442	D-1	TP6	B-1	TP48	G-6
Q6443	D-1	TP7	C-1	TP49	G-6
Q6444	C-1	TP8	C-1	TP50	G-6
Q6445	C-1	TP9	C-1	TP52	E-1
Q6451	G-2	TP10	E-1	TP53	H-4
Q6452	F-2	TP11	E-1	TP64	G-3
Q6453	F-2	TP12	F-1	**VOLUME**	
Q6454	F-2	TP13	F-1	VR6600	H-1
Q6455	F-2	TP14	E-1	VR6601	G-5
Q6661	H-4	TP15	E-1	VR6602	F-5
Q6821	G-3	TP16	E-1	VR6603	H-4
Q6822	H-3	TP17	I-4		
Q6841	G-2	TP18	E-1		
Q6842	H-2	TP19	E-1		
		TP20	F-1		
		TP21	E-1		
		TP22	E-1		

TH-65PV600A/M
SC-BOARD PARTS LOCATION

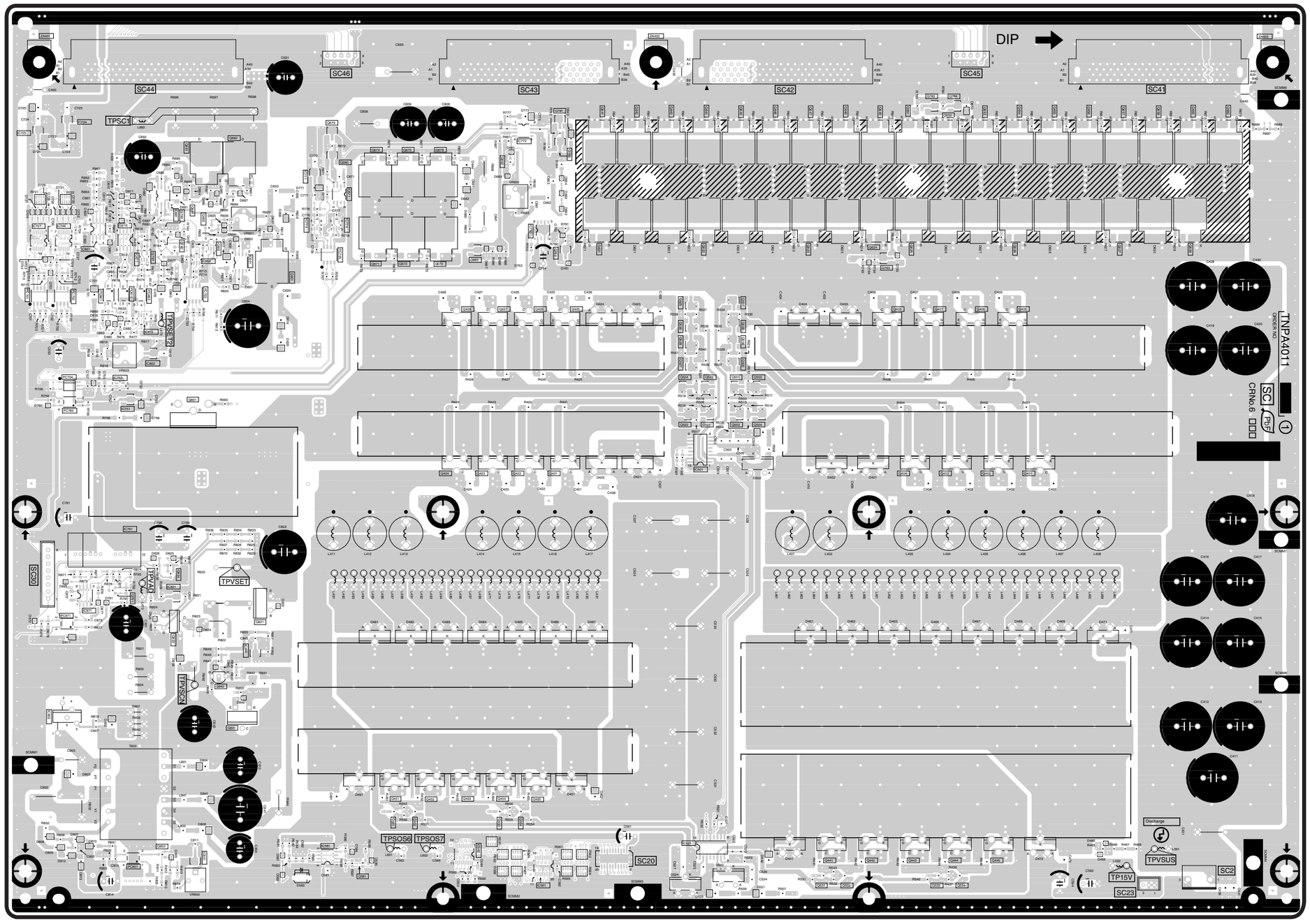
Parts Location

SC-BOARD (COMPONENT SIDE)

IC		PHOTO COUPLER		Q6501	E-4	Q6648	F-6	TP	
IC6471	B-5	PC6480	B-4	Q6502	F-4	Q6649	F-6	TP15V	H-1
IC6472	B-4	PC6610	B-4	Q6503	E-4	Q6651	G-6	TPSC1	B-5
IC6501	E-3	PC6701	A-4	Q6504	F-4	Q6652	G-6	TPSOS6	C-1
IC6521	E-1	PC6702	B-4	Q6505	F-4	Q6653	G-6	TPSOS7	D-1
IC6561	D-1	PC6703	B-4	Q6506	F-4	Q6654	G-6	TPVAD	B-3
IC6562	D-1	PC6704	B-4	Q6507	F-4	Q6655	G-6	TPVSCN	B-2
IC6581	C-1	PC6705	C-5	Q6508	F-4	Q6656	G-6	TPVSET	C-4
IC6601	C-5	PC6760	B-4	Q6521	E-4	Q6657	H-6	TPVSET2	B-4
IC6602	B-5	PC6801	B-1	Q6522	E-4	Q6658	H-6	TPVSUS	H-1
IC6610	B-5	PC6861	B-4	Q6523	E-4	Q6659	H-6	**VOLUME**	
IC6671	C-5	PC6871	B-3	Q6524	E-4	Q6660	H-6	VR6600	B-1
IC6681	B-5	**TRANSISTOR**		Q6525	E-4	Q6661	B-4	VR6601	C-5
IC6682	B-5	Q6401	G-3	Q6526	E-4	Q6662	D-5	VR6602	D-5
IC6721	A-5	Q6402	G-3	Q6527	E-4	Q6665	D-5	VR6603	B-4
IC6722	B-5	Q6403	G-3	Q6528	E-4	Q6671	C-5		
IC6724	B-5	Q6404	F-3	Q6531	F-1	Q6672	D-5		
IC6725	A-5	Q6405	G-4	Q6532	F-1	Q6673	D-5		
IC6751	B-4	Q6406	G-4	Q6533	G-1	Q6674	C-5		
IC6752	D-5	Q6407	G-4	Q6534	G-1	Q6675	D-5		
IC6753	B-4	Q6408	F-4	Q6551	C-1	Q6676	D-5		
IC6771	C-5	Q6421	D-3	Q6552	D-1	Q6679	C-5		
IC6772	D-5	Q6422	D-3	Q6553	D-1	Q6680	C-5		
IC6773	C-5	Q6423	D-3	Q6554	D-1	Q6681	B-5		
IC6774	C-5	Q6424	D-3	Q6581	C-1	Q6682	C-5		
IC6791	B-3	Q6425	D-4	Q6601	C-5	Q6691	B-5		
IC6801	B-1	Q6426	D-4	Q6602	B-5	Q6742	B-5		
IC6802	B-4	Q6427	D-4	Q6621	E-5	Q6743	B-5		
IC6803	A-2	Q6428	D-4	Q6622	E-5	Q6744	B-5		
IC6821	B-3	Q6441	F-1	Q6623	F-5	Q6762	D-5		
IC6841	C-2	Q6442	F-1	Q6624	F-5	Q6763	F-5		
IC6861	B-5	Q6443	G-1	Q6625	G-5	Q6781	D-6		
IC6871	B-3	Q6444	G-1	Q6626	G-5	Q6782	D-5		
		Q6445	G-1	Q6627	H-5	Q6783	G-6		
		Q6451	C-1	Q6628	H-5	Q6784	G-6		
		Q6452	D-1	Q6641	E-6	Q6791	B-3		
		Q6453	D-1	Q6642	E-6	Q6803	B-1		
		Q6454	D-1	Q6643	E-6	Q6821	C-3		
		Q6455	D-1	Q6644	E-6	Q6822	B-2		
				Q6645	F-6	Q6824	B-3		
				Q6646	F-6	Q6841	C-2		
				Q6647	F-6	Q6842	B-2		

TH-65PV600A/M
SC-BOARD PARTS LOCATION

SC-BOARD (COMPONENT SIDE)
TNPA4011



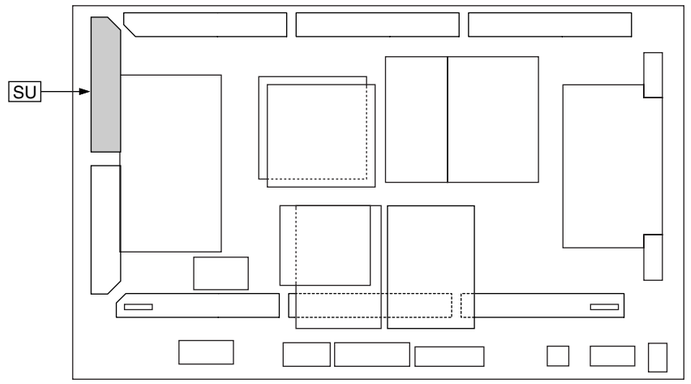
TH-65PV600A/M
SC-BOARD TNPA4011

TH-65PV600A/M
SC-BOARD TNPA4011

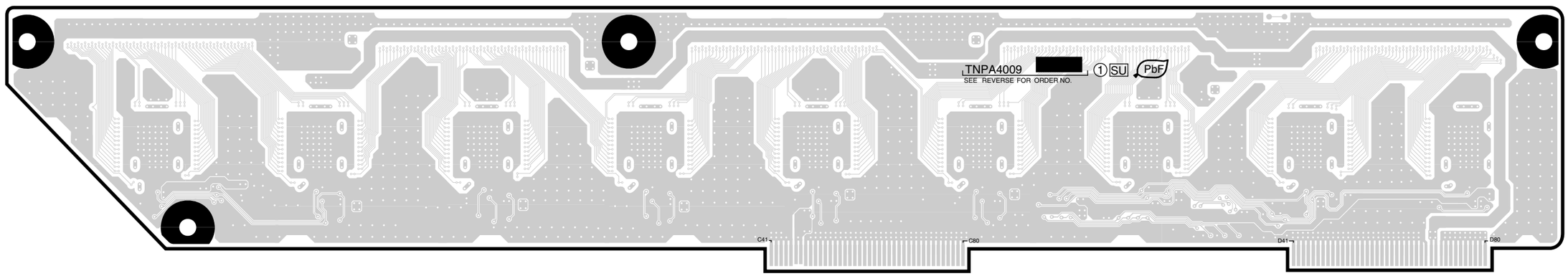
14.17. SU-Board

Parts Location

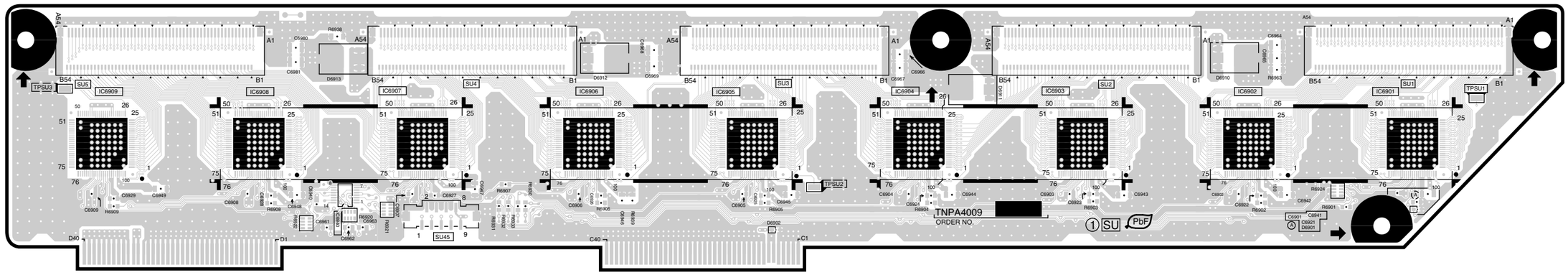
SU-BOARD	
IC	
IC6901	I-2
IC6902	H-2
IC6903	G-2
IC6904	F-2
IC6905	E-2
IC6906	D-2
IC6907	C-2
IC6908	B-2
IC6909	A-2
TP	
TPSU1	I-2
TPSU2	E-1
TPSU3	A-2



SU-BOARD (FOIL SIDE)
TNPA4009



SU-BOARD (COMPONENT SIDE)
TNPA4009



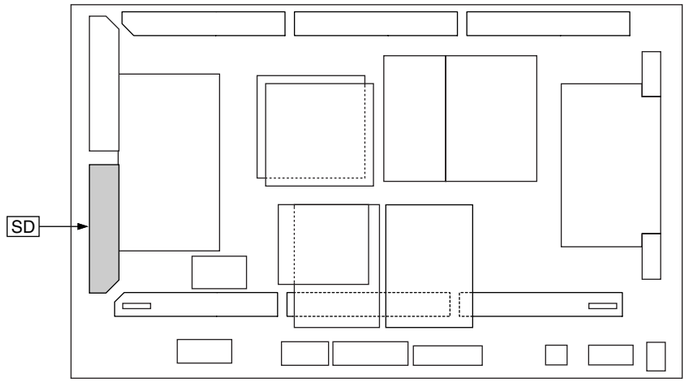
TH-65PV600A/M
SU-BOARD TNPA4009

TH-65PV600A/M
SU-BOARD TNPA4009

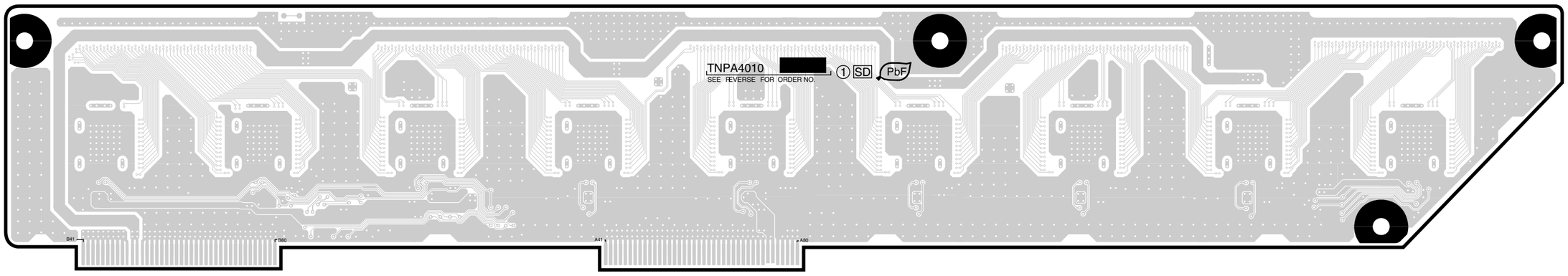
14.18. SD-Board

Parts Location

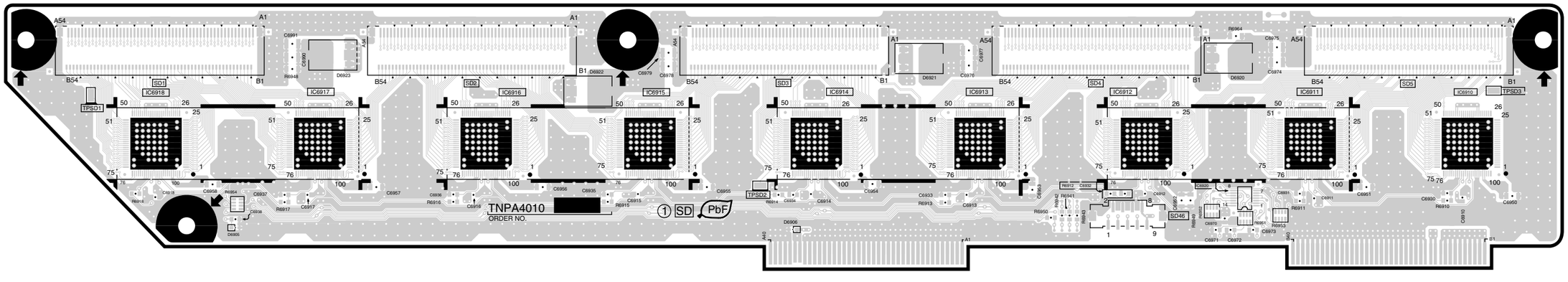
SD-BOARD	
IC	
IC6910	I-2
IC6911	H-2
IC6912	G-2
IC6913	F-2
IC6914	E-2
IC6915	D-2
IC6916	C-2
IC6917	B-2
IC6918	A-2
TP	
TPSD1	A-2
TPSD2	E-1
TPSD3	I-2



SD-BOARD (FOIL SIDE)
TNPA4010



SD-BOARD (COMPONENT SIDE)
TNPA4010

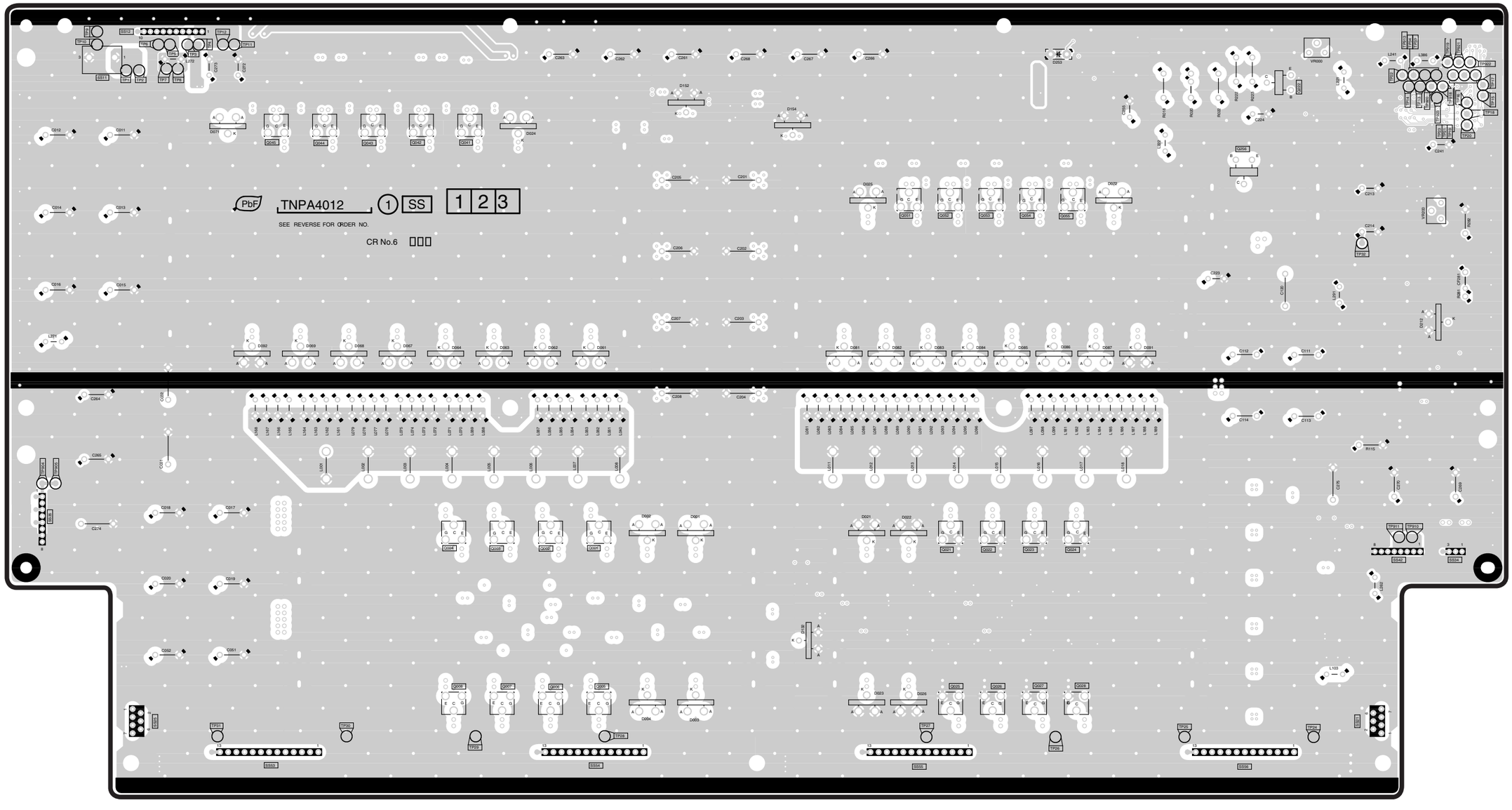


TH-65PV600A/M
SD-BOARD TNPA4010

TH-65PV600A/M
SD-BOARD TNPA4010

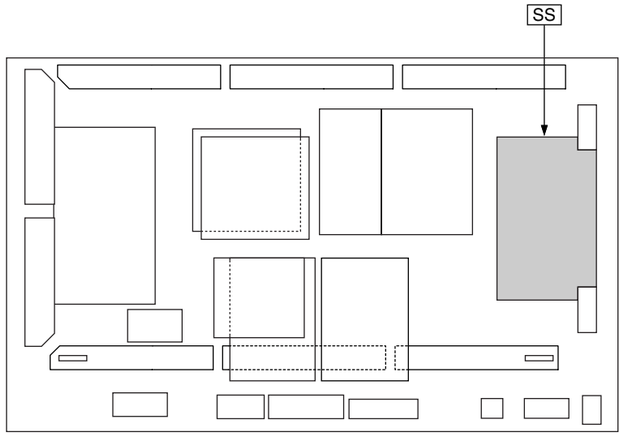
14.19. SS-Board

SS-BOARD (FOIL SIDE)
TNPA4012



TH-65PV600A/M
SS-BOARD TNPA4012

TH-65PV600A/M
SS-BOARD TNPA4012



Parts Location

SS-BOARD (FOIL SIDE)

TRANSISTOR		TP			
Q6001	D-2	TP1	A-5	TP6904	A-3
Q6002	D-2	TP2	A-5	TP6905	A-3
Q6003	C-2	TP3	B-5	TP6910	I-2
Q6004	C-2	TP4	B-5	TP6911	I-2
Q6005	D-2	TP5	B-5	TP6913	I-5
Q6006	D-2	TP6	A-5	TP6918	I-5
Q6007	C-2	TP7	B-5	TP6919	I-5
Q6008	C-2	TP8	B-5	TP6920	I-5
Q6021	F-2	TP9	A-5	TP6921	I-5
Q6022	F-2	TP10	A-5	TP6922	I-5
Q6023	G-2	TP11	B-5	TP6923	I-5
Q6024	G-2	TP12	B-5	**VOLUME**	
Q6025	F-2	TP13	I-5	VR6000	H-5
Q6026	F-2	TP14	I-5	VR6200	I-4
Q6027	G-2	TP15	I-5		
Q6028	G-2	TP17	I-5		
Q6041	C-5	TP18	I-5		
Q6042	C-5	TP19	I-5		
Q6043	C-5	TP20	I-5		
Q6044	B-5	TP21	I-5		
Q6045	B-5	TP22	I-5		
Q6051	F-4	TP23	I-5		
Q6052	F-4	TP24	H-1		
Q6053	F-4	TP25	G-1		
Q6054	G-4	TP26	G-1		
Q6055	G-4	TP27	F-1		
Q6222	H-5	TP28	D-1		
Q6256	H-5	TP29	C-1		
		TP30	C-1		
		TP31	B-1		
		TP32	H-4		
		TP33	I-5		
		TP34	I-5		

TH-65PV600A/M
SS-BOARD PARTS LOCATION

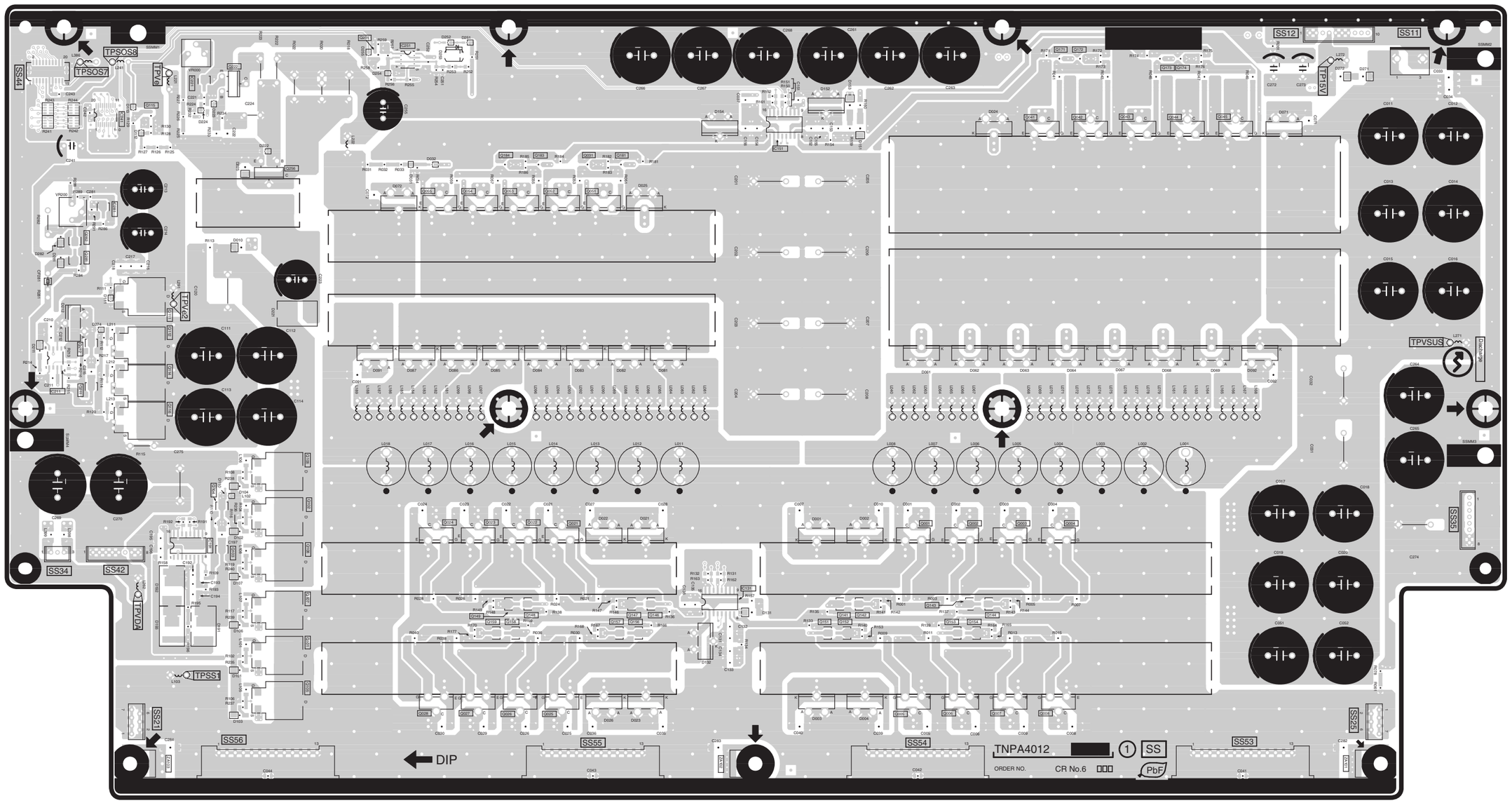
Parts Location

SS-BOARD (COMPONENT SIDE)

IC		TRANSISTOR		Q6141	E-2	TP	
IC6131	E-2	Q6001	F-3	Q6142	F-2	TP15V	H-5
IC6151	E-5	Q6002	F-3	Q6143	F-2	TPSOS7	A-5
IC6191	B-2	Q6003	F-3	Q6144	F-2	TPSOS8	A-5
IC6211	A-3	Q6004	G-3	Q6146	D-2	TPSS1	B-2
IC6221	B-5	Q6005	F-1	Q6147	D-2	TPVDA	A-2
IC6241	A-5	Q6006	F-1	Q6148	D-2	TPVe	A-5
IC6251	C-5	Q6007	F-1	Q6149	C-2	TPVe2	B-4
IC6281	A-4	Q6008	G-1	Q6151	E-2	TPVSUS	I-4
		Q6021	D-3	Q6152	E-2		
		Q6022	D-3	Q6153	F-2	**VOLUME**	
		Q6023	C-3	Q6154	F-2	VR6000	B-5
		Q6024	C-3	Q6156	D-2	VR6200	A-4
		Q6025	D-1	Q6157	D-2		
		Q6026	D-1	Q6158	D-2		
		Q6027	C-1	Q6159	C-2		
		Q6028	C-1	Q6171	G-5		
		Q6031	D-5	Q6172	G-5		
		Q6041	G-5	Q6173	G-5		
		Q6042	G-5	Q6174	G-5		
		Q6043	G-5	Q6181	D-5		
		Q6044	G-5	Q6183	D-5		
		Q6045	H-5	Q6184	C-5		
		Q6051	D-4	Q6211	A-3		
		Q6052	D-4	Q6212	A-4		
		Q6053	D-4	Q6222	B-5		
		Q6054	C-4	Q6251	C-5		
		Q6055	C-4	Q6256	B-5		
		Q6101	B-2	Q6281	A-4		
		Q6102	B-3	Q6282	A-4		
		Q6103	B-2				
		Q6104	B-3				
		Q6105	B-2				
		Q6106	B-3				
		Q6107	B-2				
		Q6108	B-2				
		Q6111	B-4				
		Q6112	B-4				
		Q6114	B-3				
		Q6115	A-5				
		Q6116	B-3				

TH-65PV600A/M
SS-BOARD PARTS LOCATION

SS-BOARD (COMPONENT SIDE)
TNPA4012

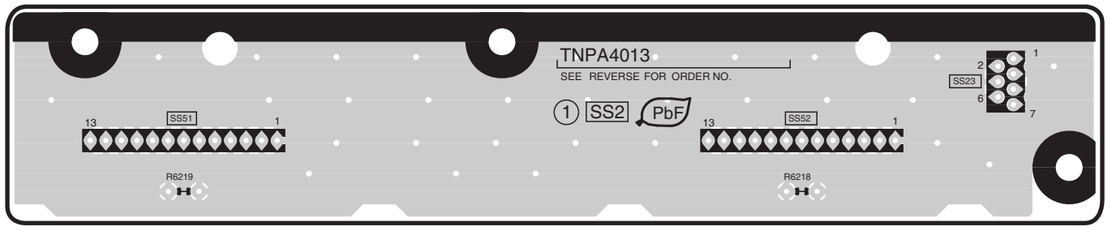


TH-65PV600A/M
SS-BOARD TNPA4012

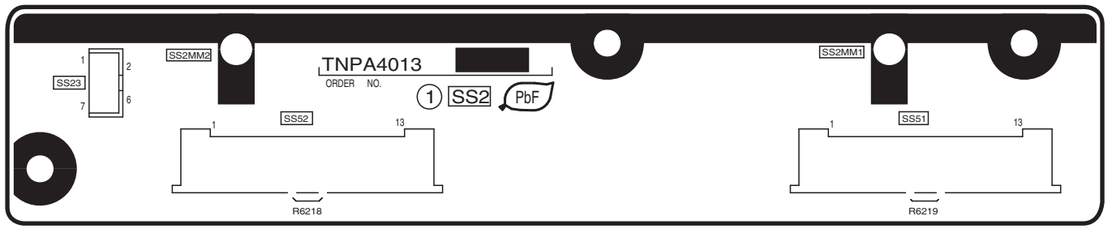
TH-65PV600A/M
SS-BOARD TNPA4012

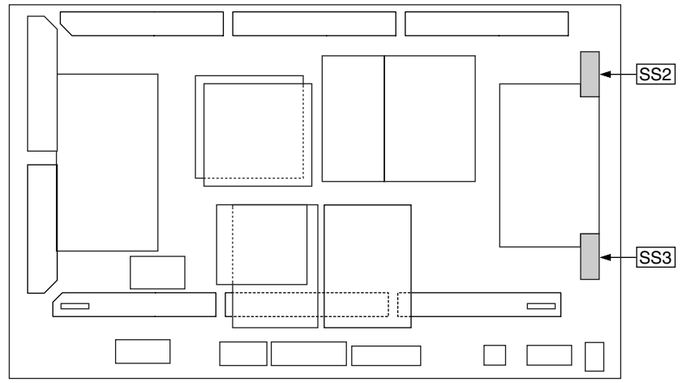
14.20. SS2 and SS3-Board

SS2-BOARD (FOIL SIDE)
TNPA4013

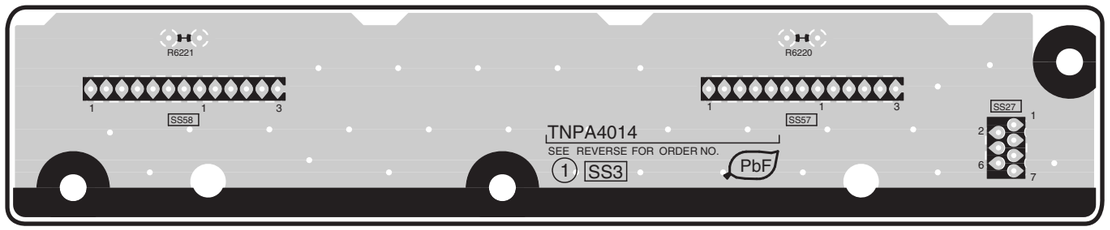


SS2-BOARD (COMPONENT SIDE)
TNPA4013

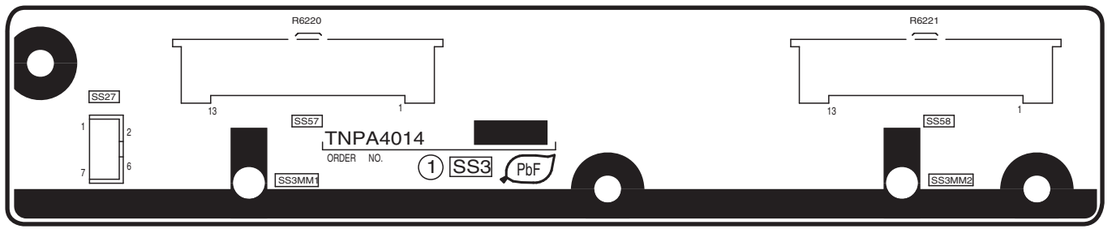




SS3-BOARD (FOIL SIDE)
TNPA4014



SS3-BOARD (COMPONENT SIDE)
TNPA4014



TH-65PV600A/M
SS2-BOARD TNPA4013 SS3-BOARD TNPA4014

TH-65PV600A/M
SS2-BOARD TNPA4013 SS3-BOARD TNPA4014

15 Schematic and Block Diagram

15.1. Schematic Diagram Notes

Important Safety Notice

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

Notes:

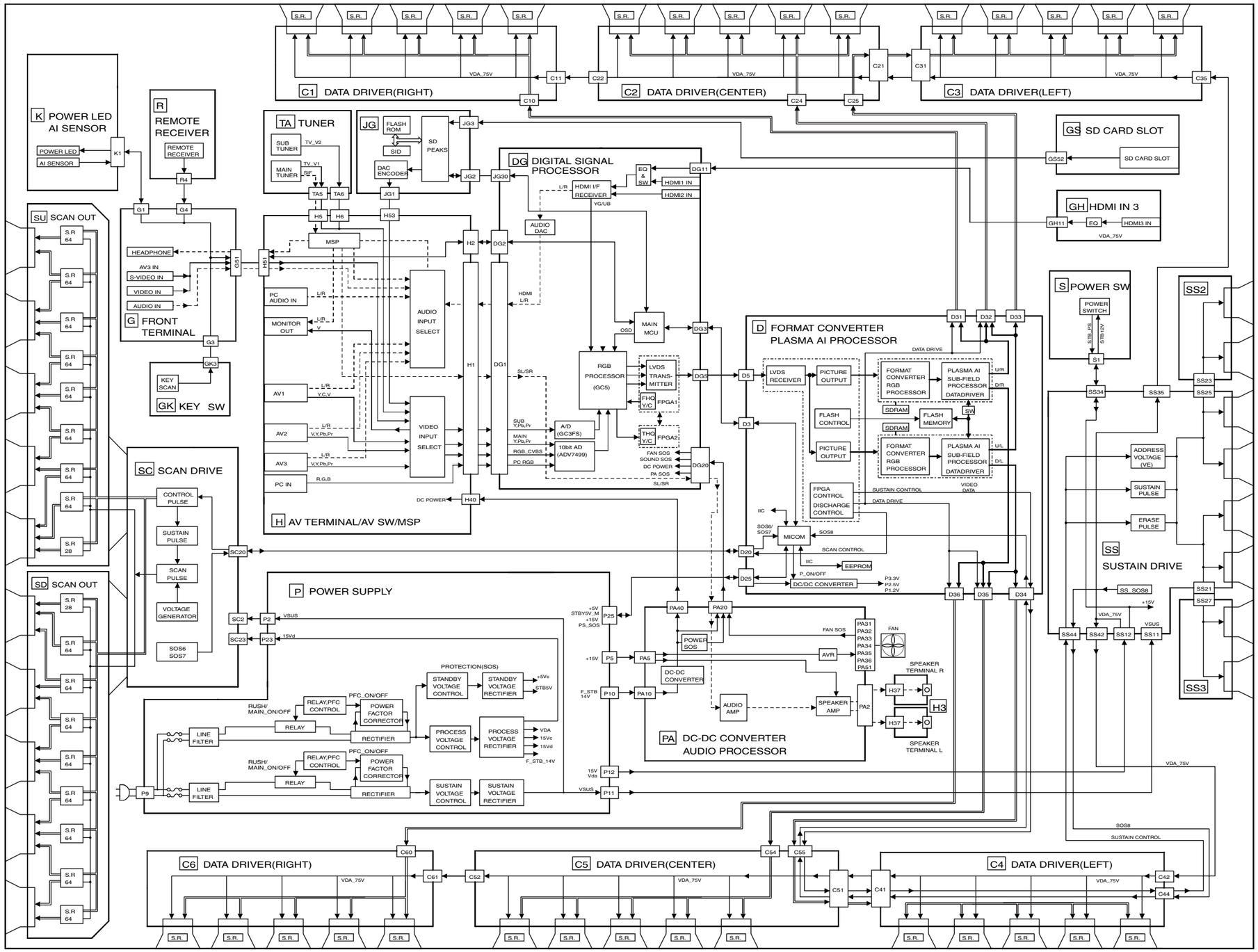
1. **Resistor**
   Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
   Unit of capacitance is μF, unless otherwise noted.
3. Coil
   Unit of inductance is H, unless otherwise noted.
4. Test Point
   ⚲ : Test Point position
5. Earth Symbol
   ⏚ : Chassis Earth (Cold) ⏚ : Line Earth (Hot)
6. Voltage Measurement
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following:
   Power Source AC220-240V, 50/60Hz
   Receiving Signal ..... Colour Bar signal (RF)
   All customer's controls ..... Maximum positions
7. When arrow mark (↗) is found, connection is easily found from the direction of arrow.
8. Indicates the major signal flow. : Video ➡ Audio ⇨
9. This schematic diagram is the latest at the time of printing and subject to change without notice.

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.

TH-65PV600A/M
Schematic Diagram Notes

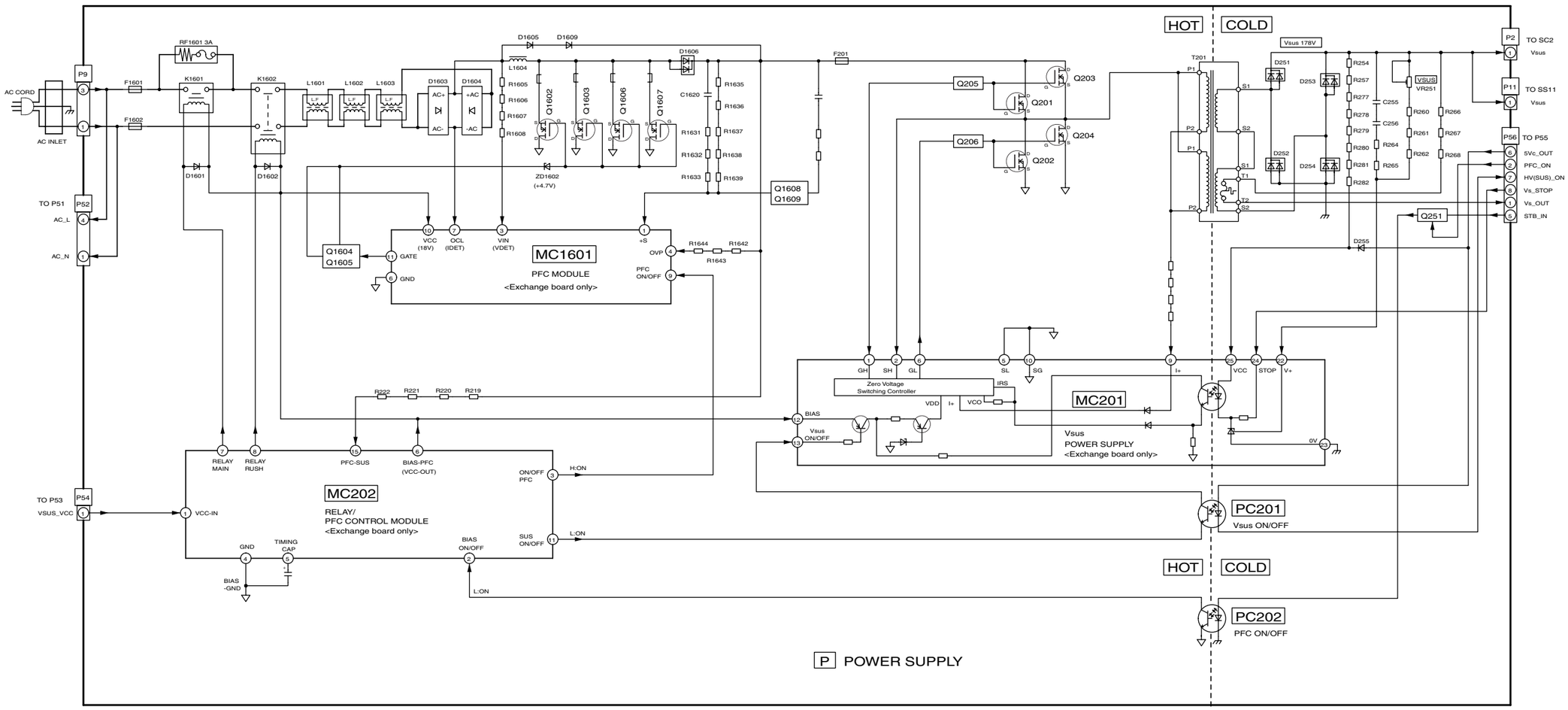
15.2. Main Block Diagram



TH-65PV600A/M
Main Block Diagram

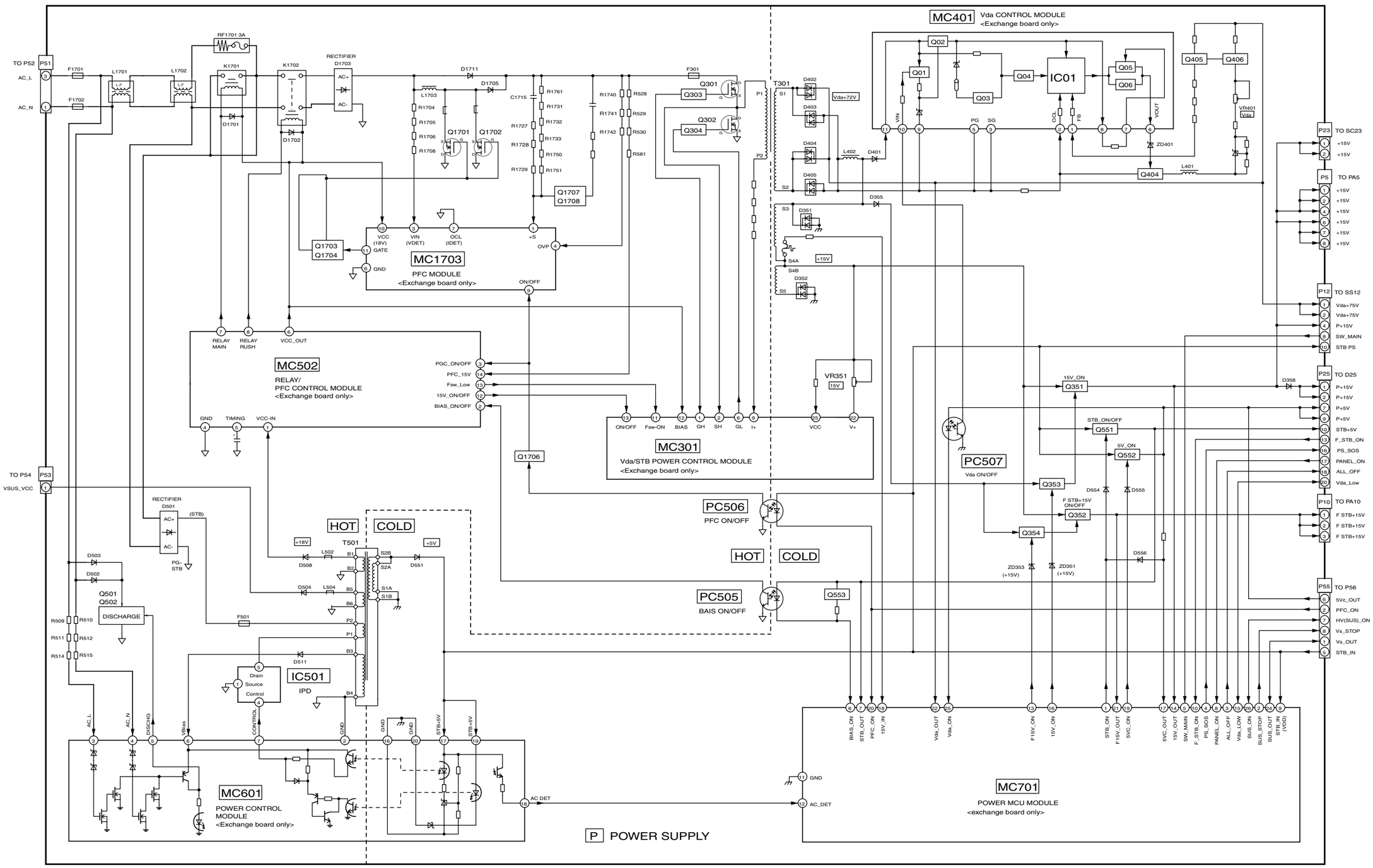
TH-65PV600A/M
Main Block Diagram

15.3. P-Board (SUS) Block Diagram



TH-65PV600A/M
P-Board (SUS) Block Diagram

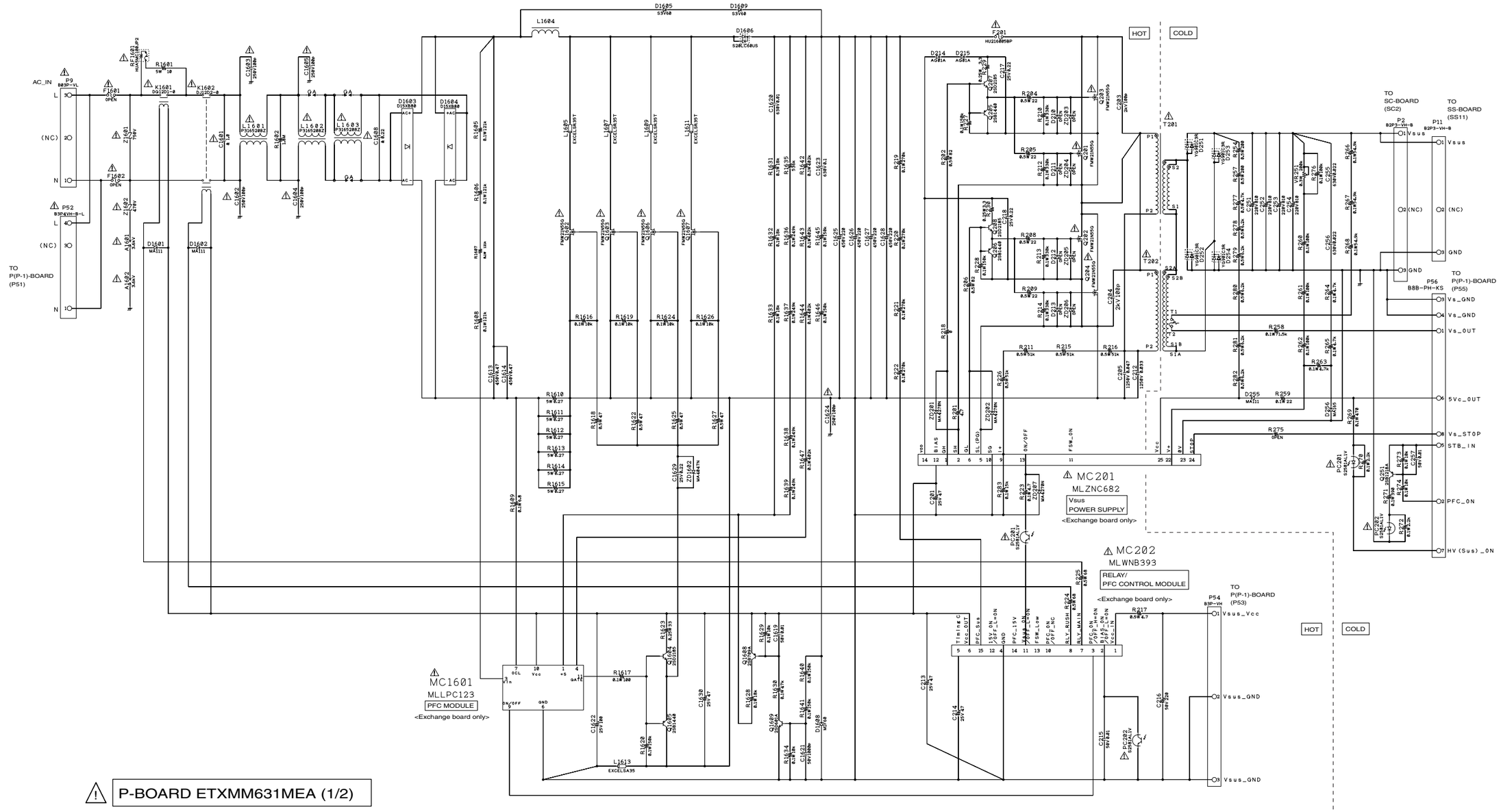
15.4. P-Board (MULTI) Block Diagram



TH-65PV600A/M
P-Board (MULTI) Block Diagram

TH-65PV600A/M
P-Board (MULTI) Block Diagram

15.5. P-Board (SUS) Schematic Diagram

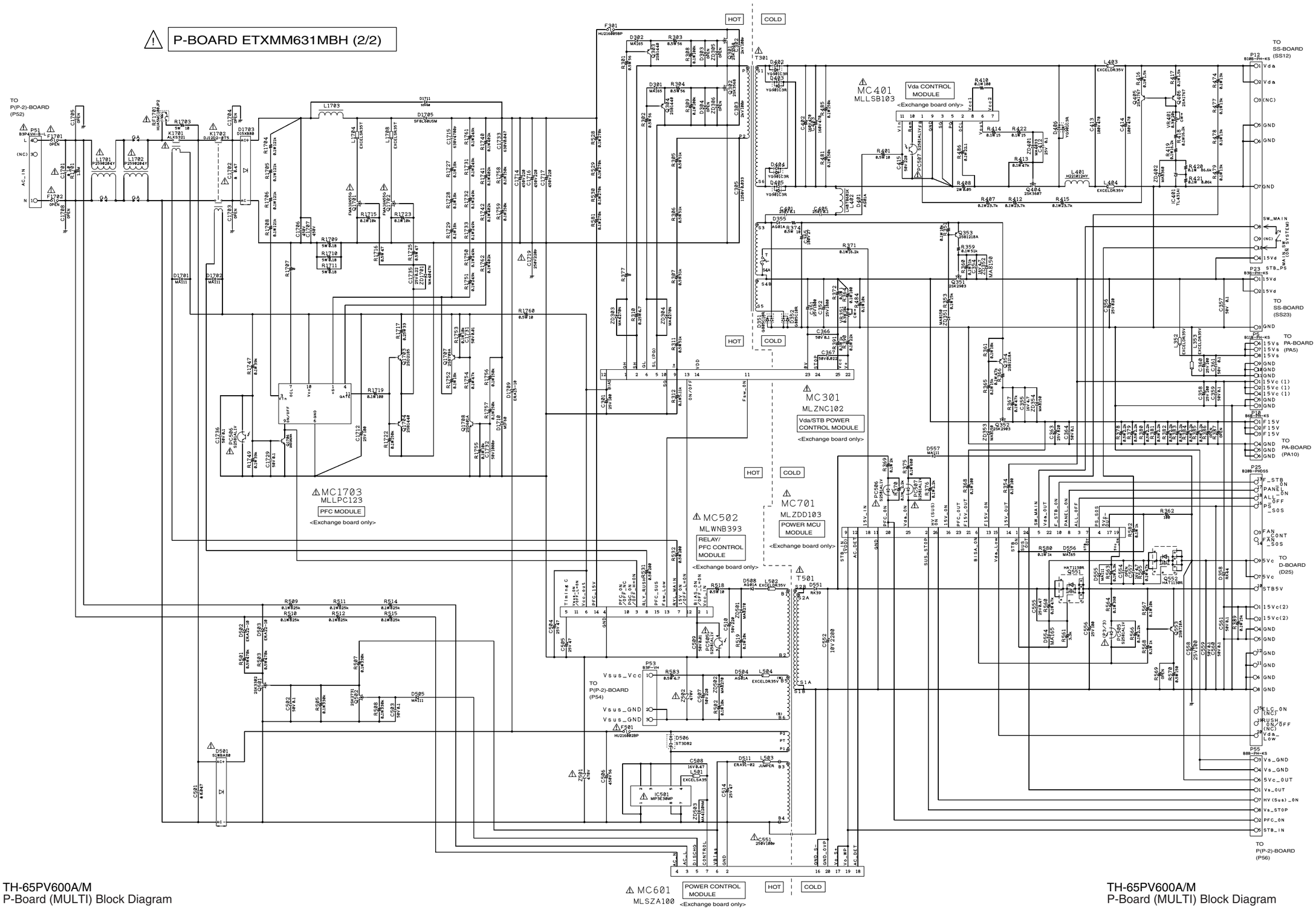


P-BOARD ETXMM631MEA (1/2)

TH-65PV600A/M
P-Board (SUS) Block Diagram

TH-65PV600A/M
P-Board (SUS) Block Diagram

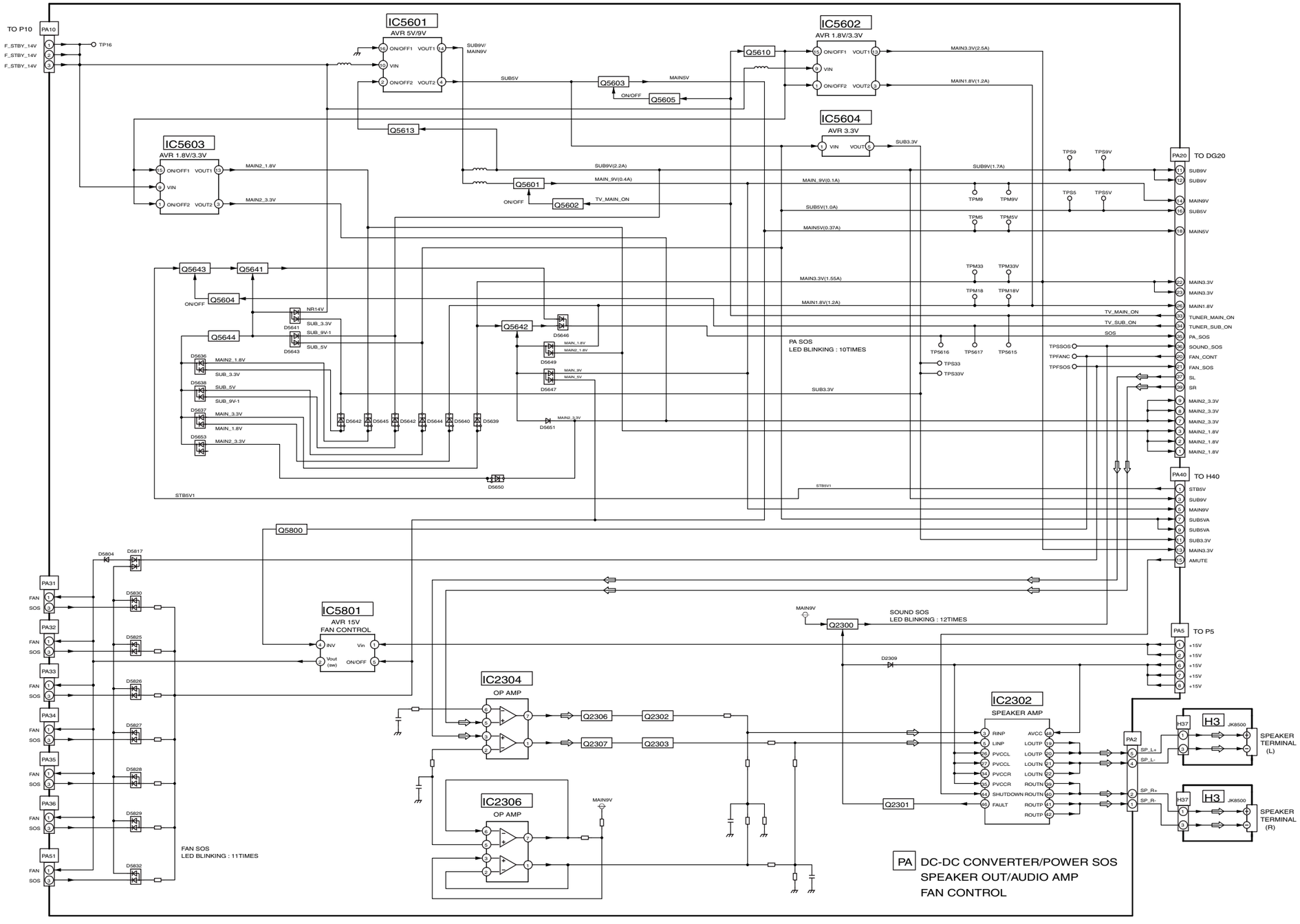
15.6. P-Board (MULTI) Schematic Diagram



TH-65PV600A/M
P-Board (MULTI) Block Diagram

TH-65PV600A/M
P-Board (MULTI) Block Diagram

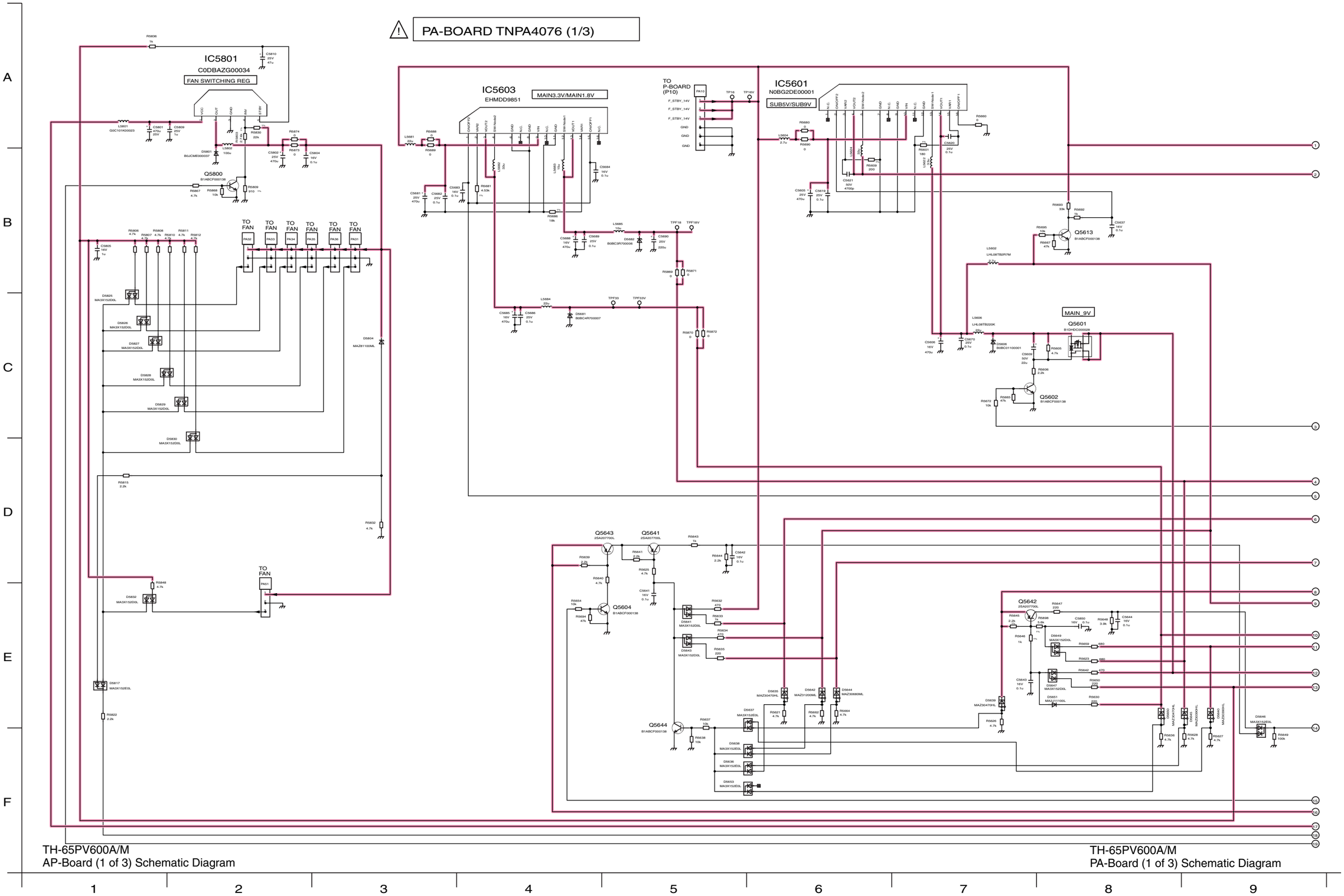
15.7. PA-Board and H3-Board Block Diagram



TH-65PV600A/M
PA-Board and H3-Board Block Diagram

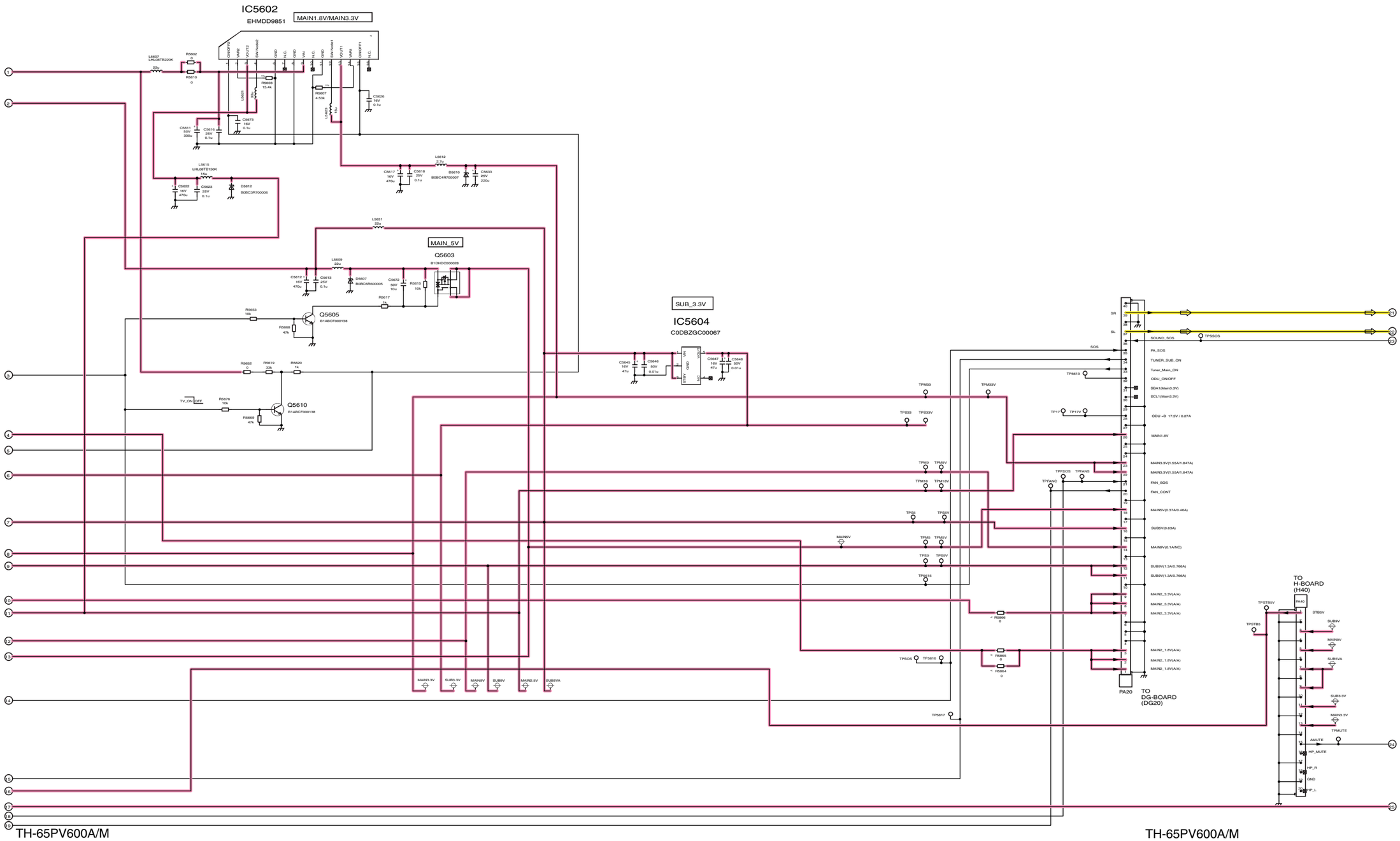
TH-65PV600A/M
PA-Board and H3-Board Block Diagram

15.8. PA-Board (1 of 3) Schematic Diagram



15.9. PA-Board (2 of 3) Schematic Diagram

PA-BOARD TNPA4076 (2/3)



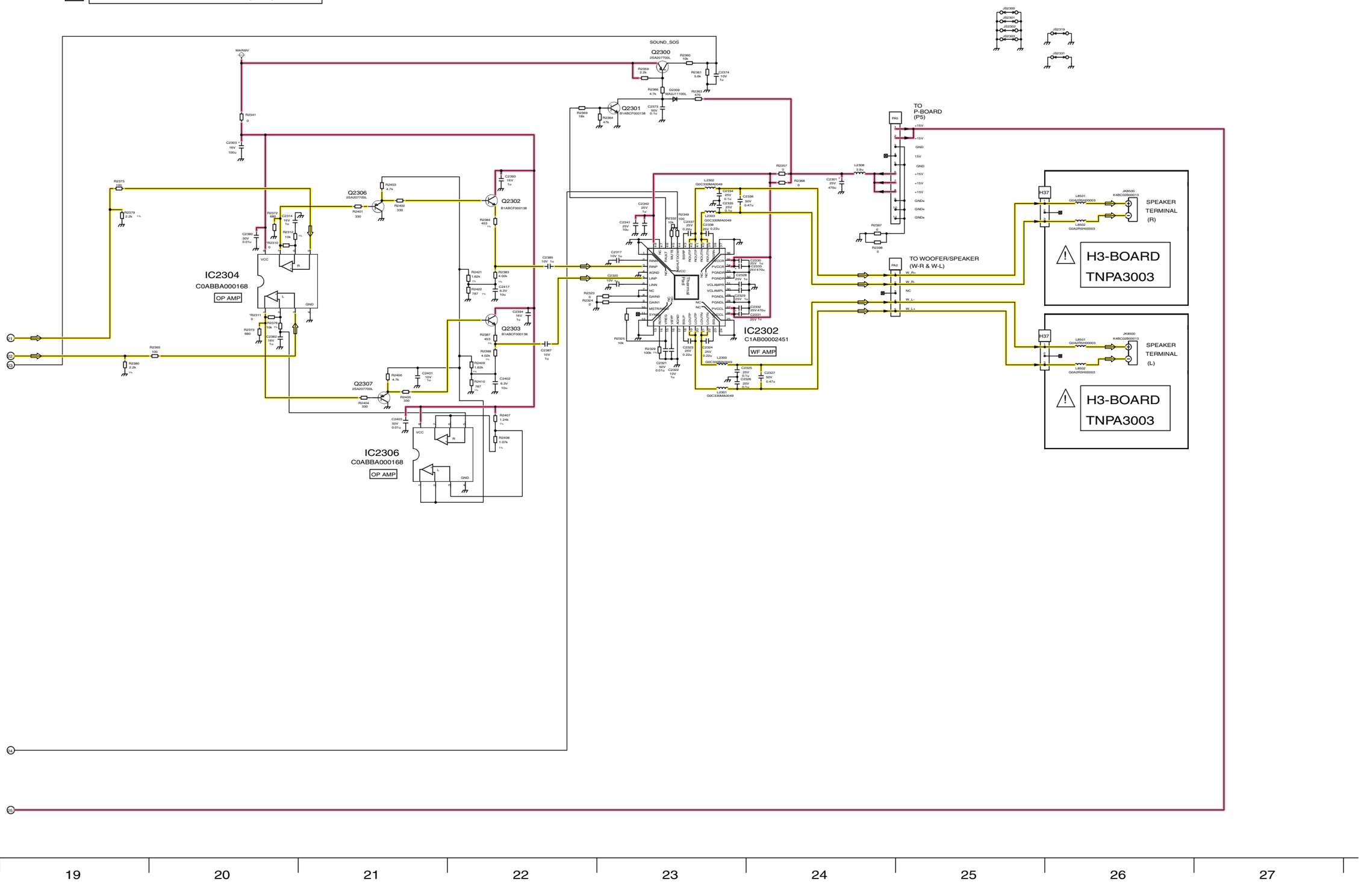
TH-65PV600A/M
PA-Board (2 of 3) Schematic Diagram

TH-65PV600A/M
PA-Board (2 of 3) Schematic Diagram

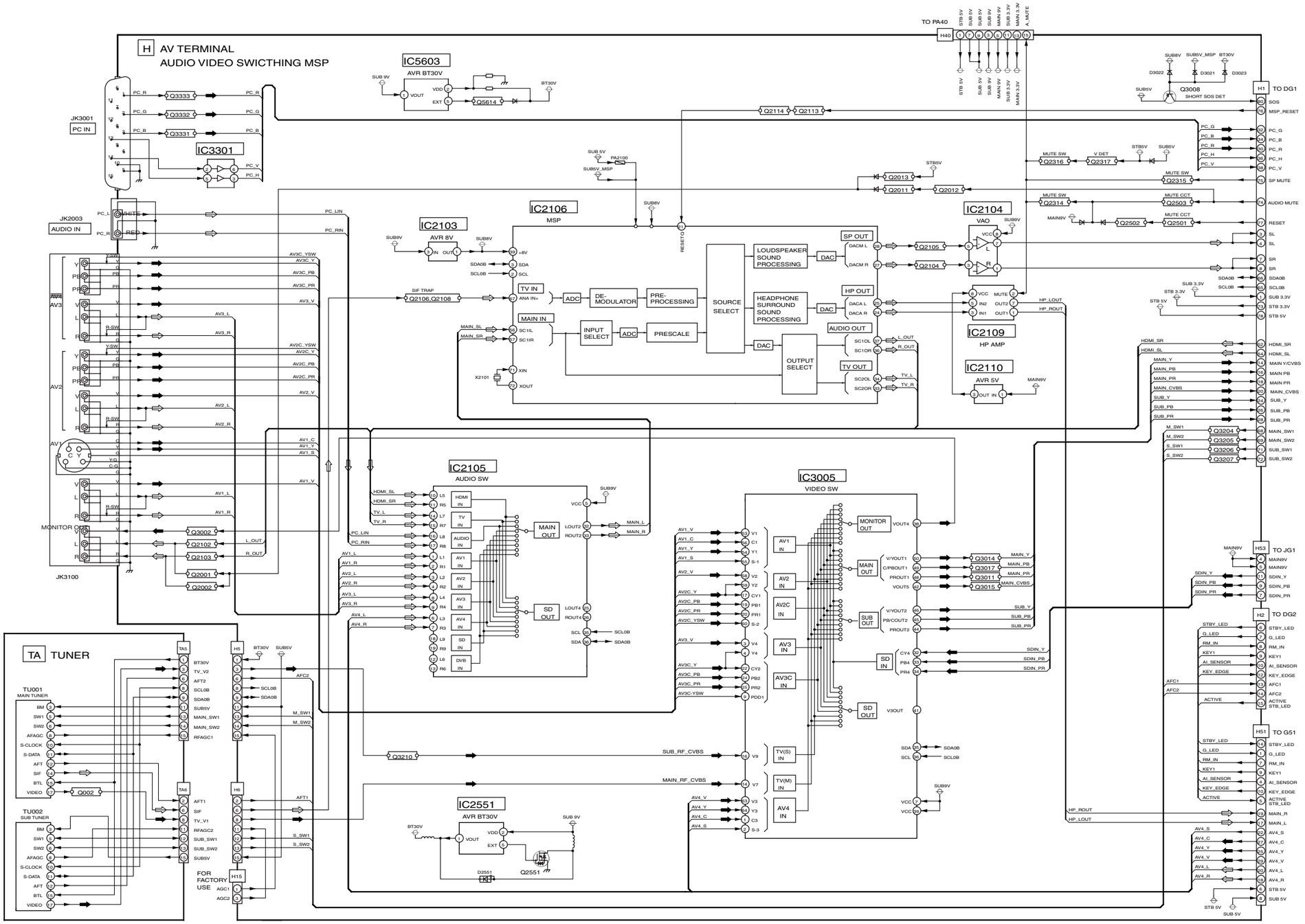
10 11 12 13 14 15 16 17 18

15.10. PA-Board (3 of 3) and H3-Board Schematic Diagram

⚠ PA-BOARD TNPA4076 (3/3)



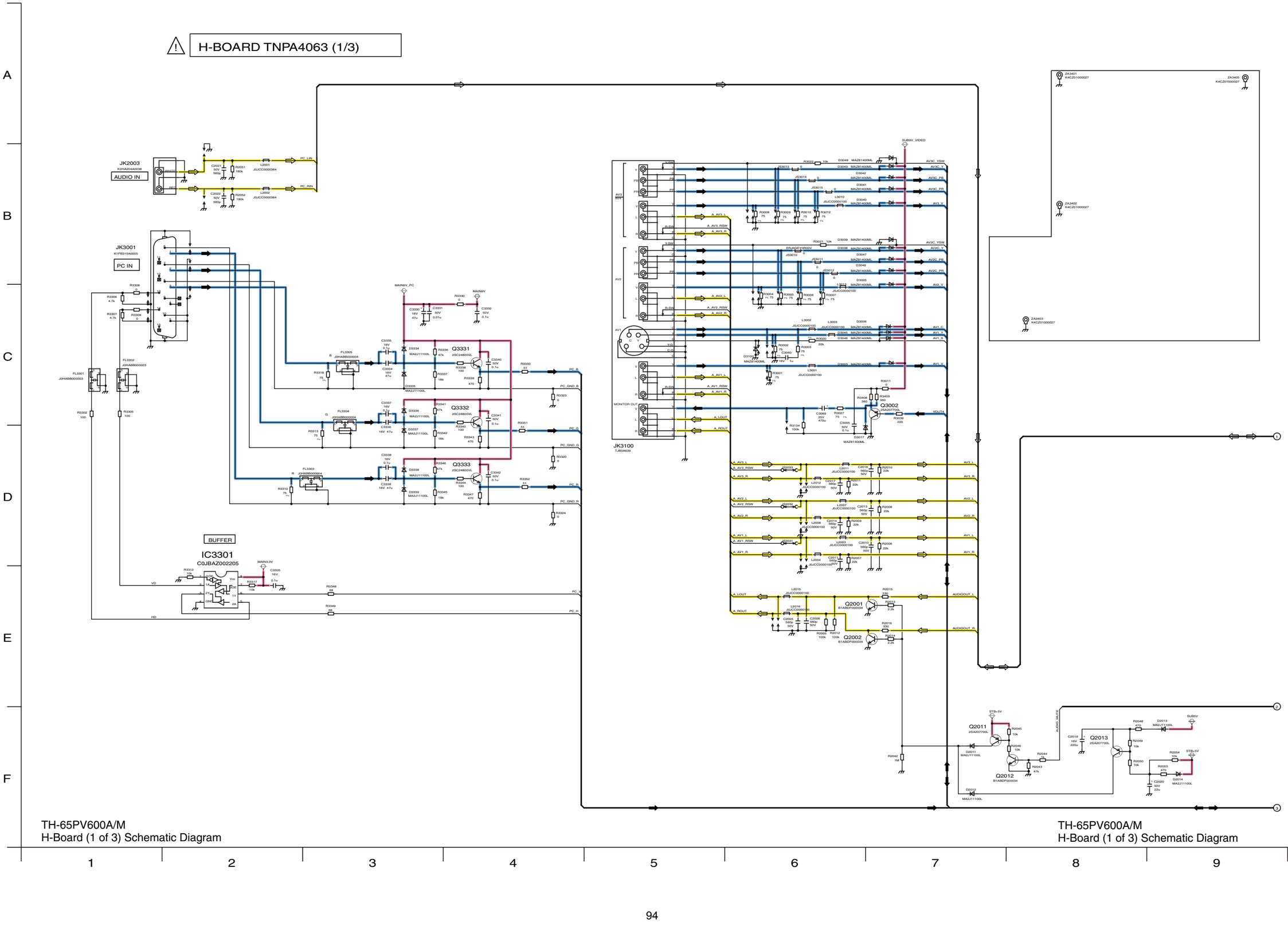
15.11. H and TA-Board Block Diagram



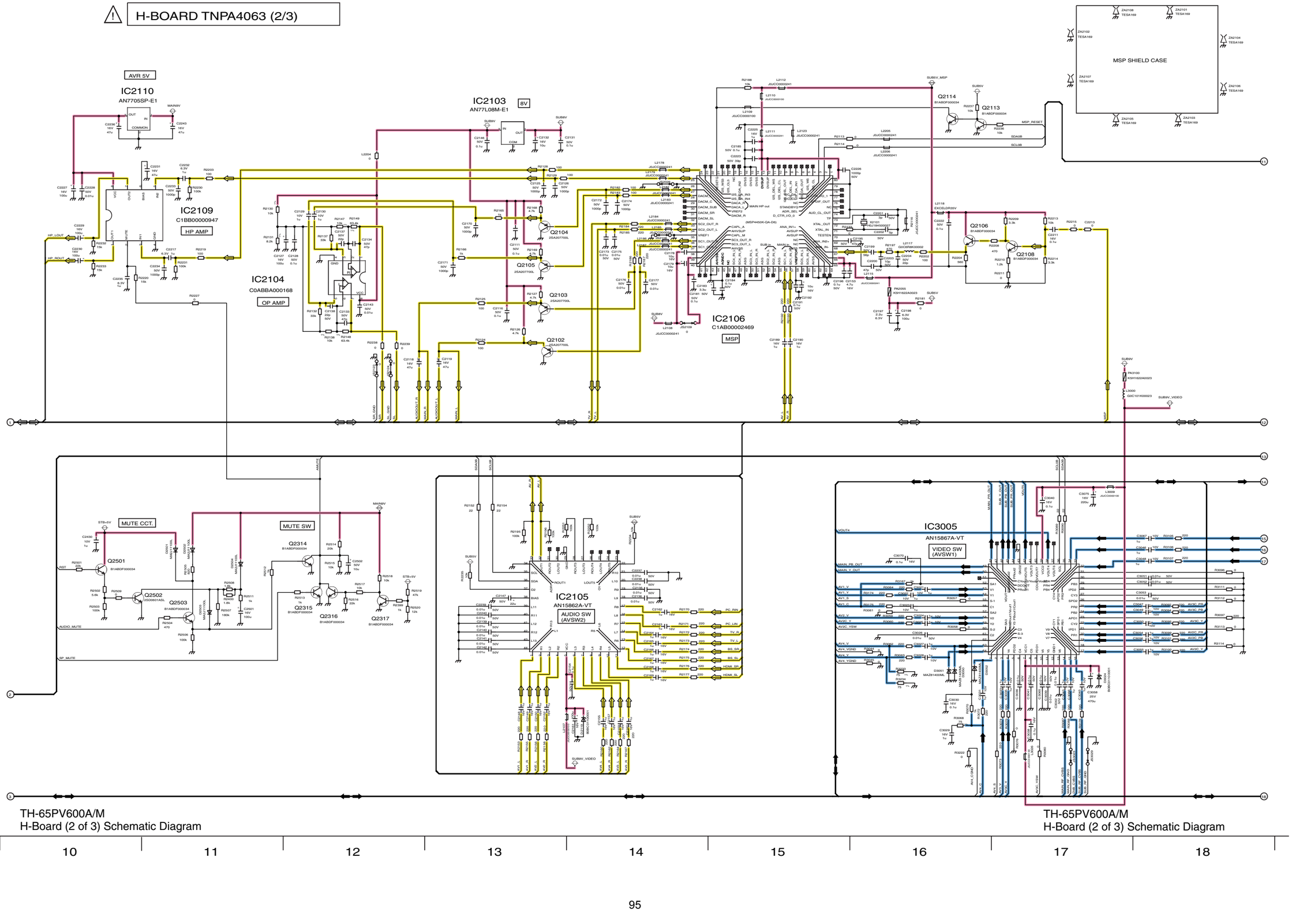
TH-65PV600A/M
H and TA-Board Block Diagram

TH-65PV600A/M
H and TA-Board Block Diagram

15.12. H-Board (1 of 3) Schematic Diagram



15.13. H-Board (2 of 3) Schematic Diagram

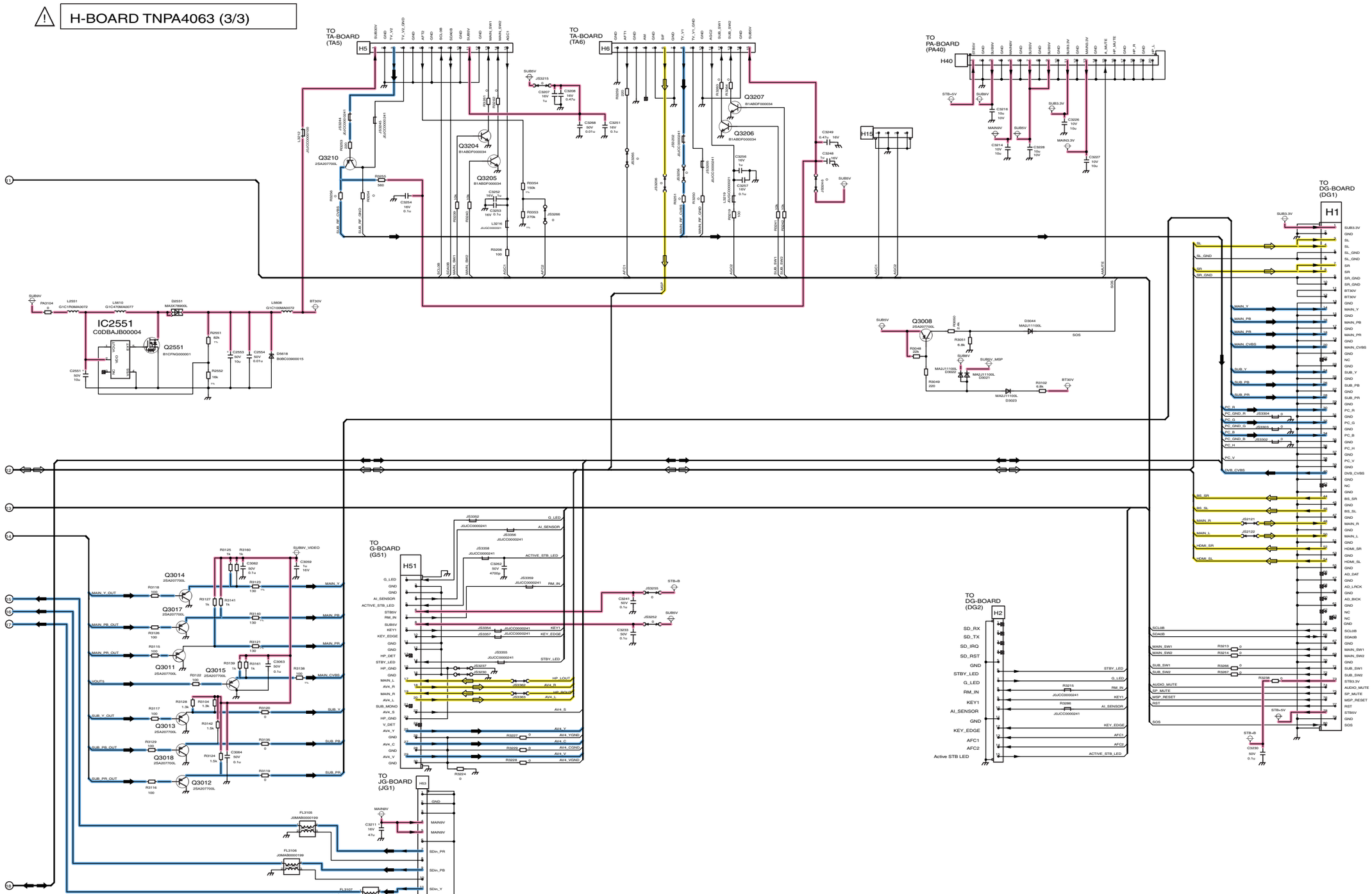


TH-65PV600A/M
H-Board (2 of 3) Schematic Diagram

TH-65PV600A/M
H-Board (2 of 3) Schematic Diagram

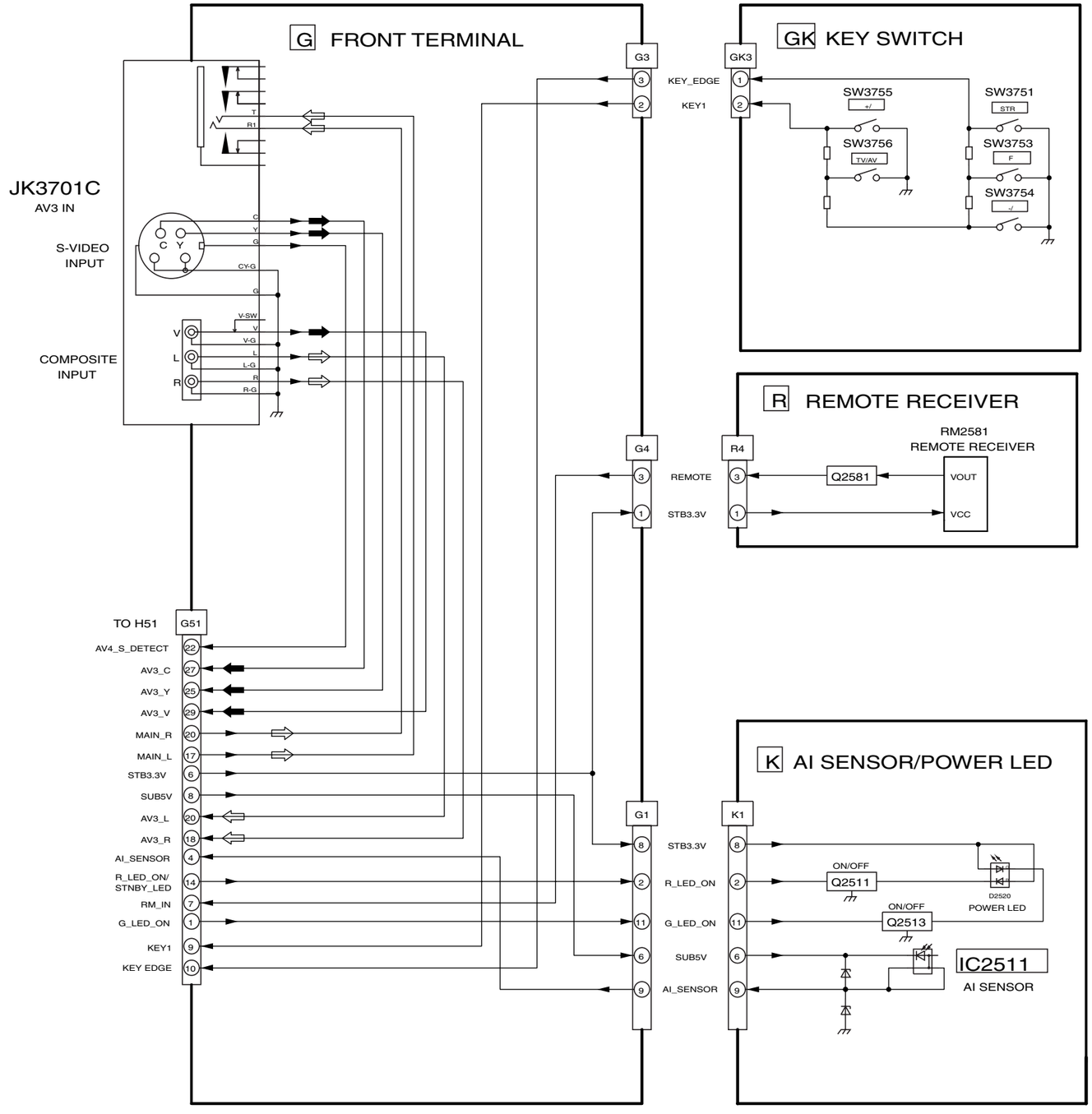
10 11 12 13 14 15 16 17 18

15.14. H-Board (3 of 3) Schematic Diagram



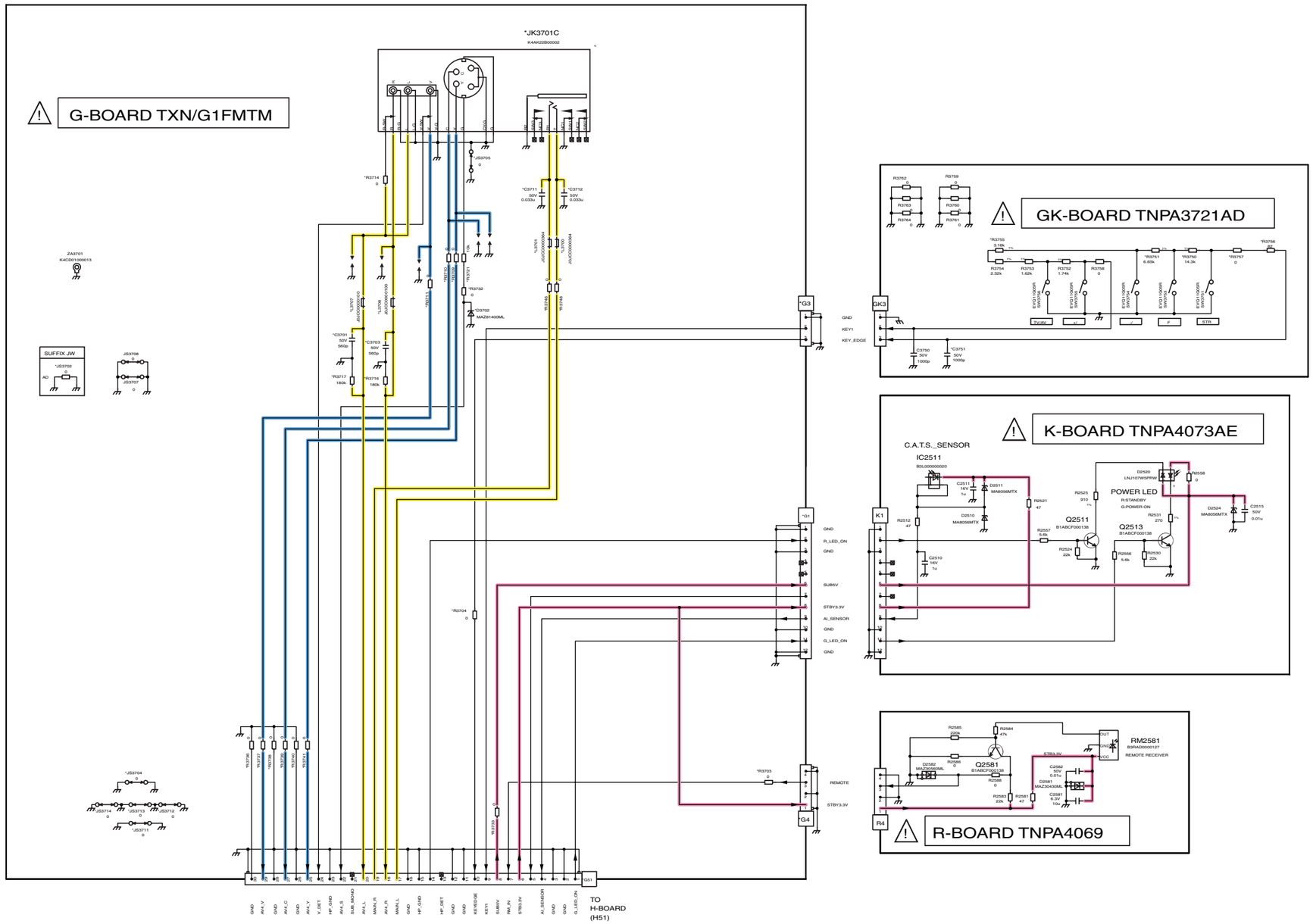
TH-65PV600A/M
H-Board (3 of 3) Schematic Diagram

15.15. G, GK, K and R-Board Block Diagram



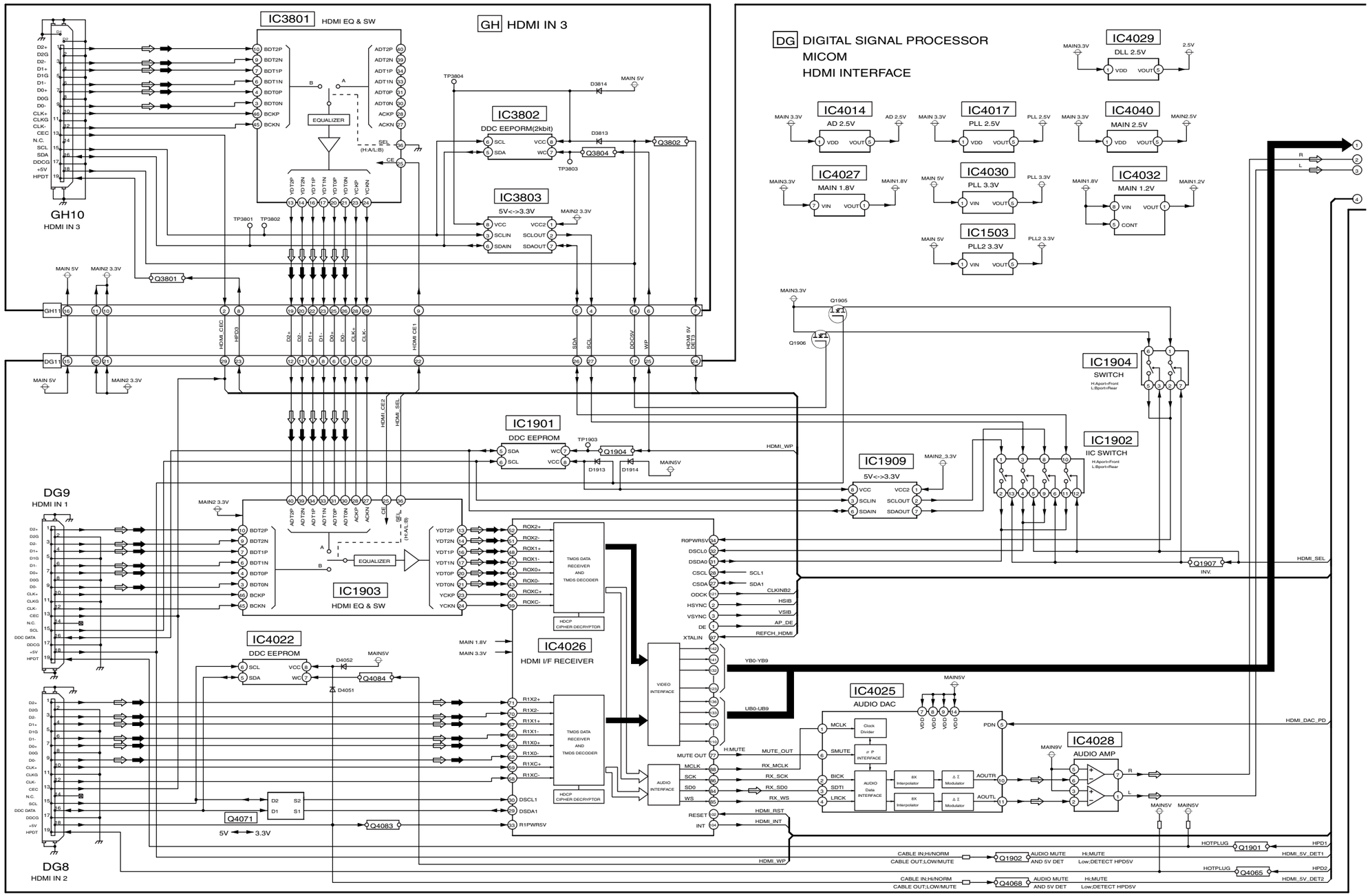
TH-65PV600A/M
G, GK, K, and R-Board Block Diagram

15.16. G, GK, K and R-Board Schematic Diagram



TH-65PV600A/M
G, GK, K, and R-Board Schematic Diagram

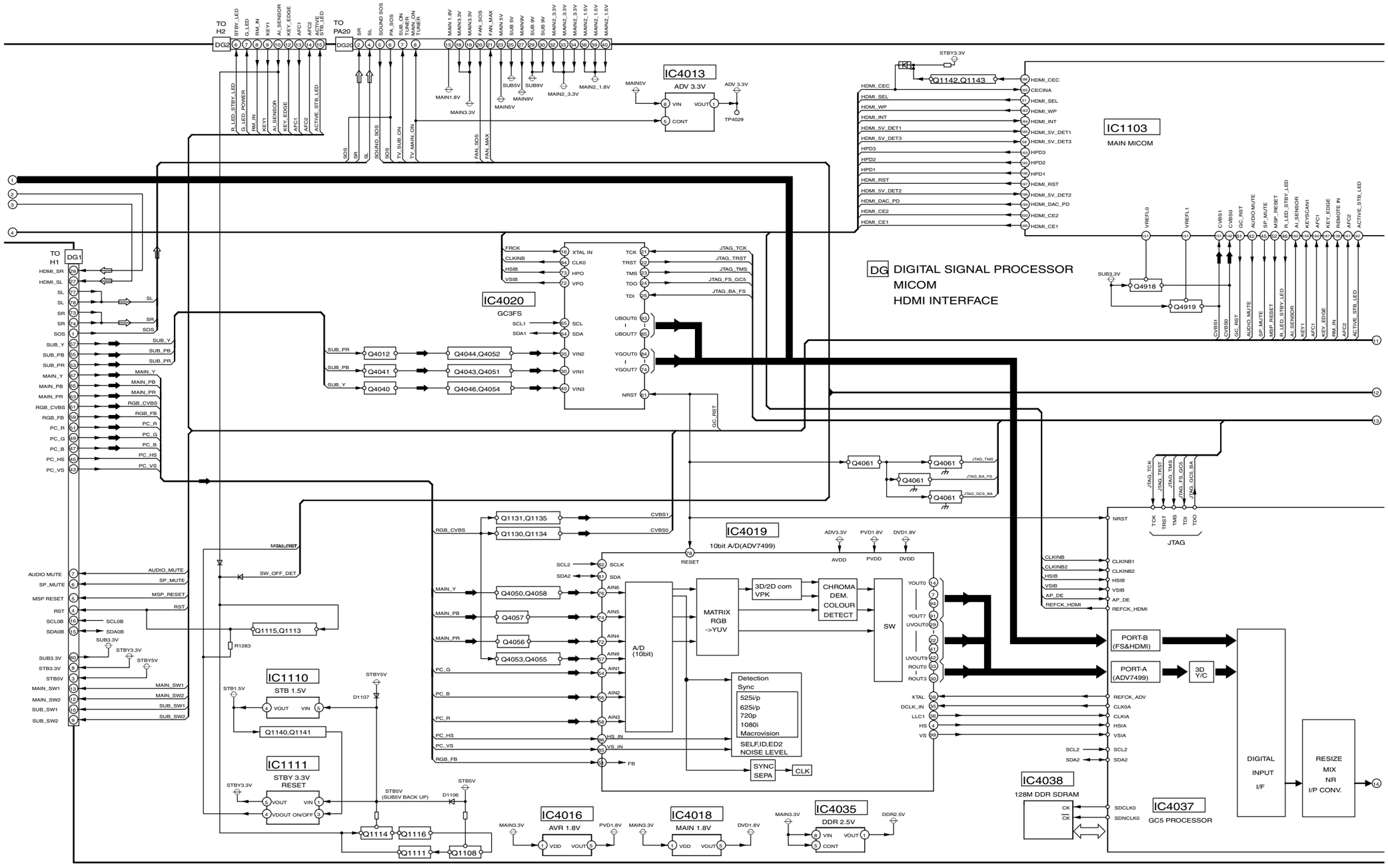
15.17. DG-Board (1 of 4) and GH-Board Block Diagram



TH-65PV600A/M
DG-Board (1 of 4) and GH-Board Block Diagram

TH-65PV600A/M
DG-Board (1 of 4) and GH-Board Block Diagram

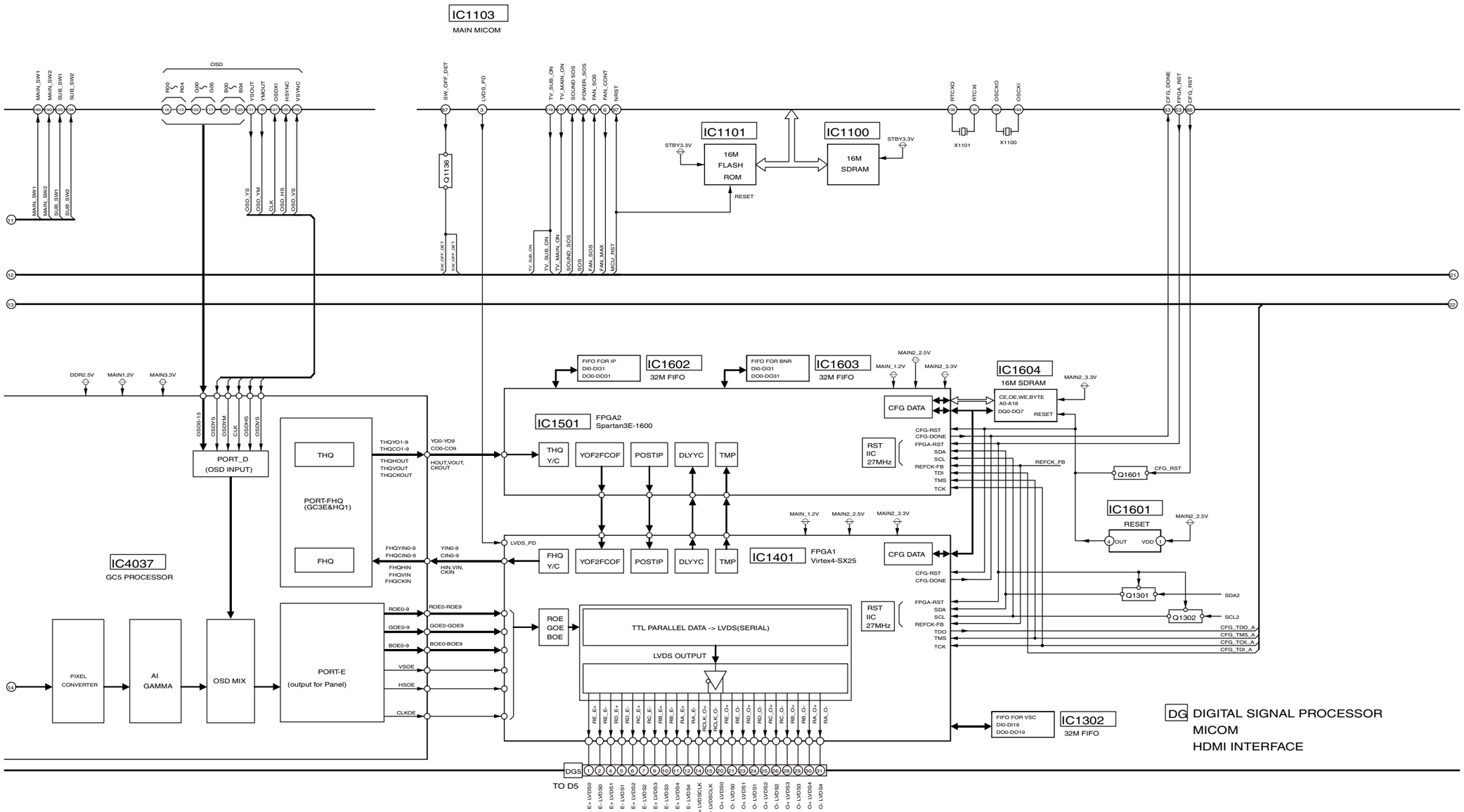
15.18. DG-Board (2 of 4) Block Diagram



TH-65PV600A/M
DG-Board (2 of 4) Block Diagram

TH-65PV600A/M
DG-Board (2 of 4) Block Diagram

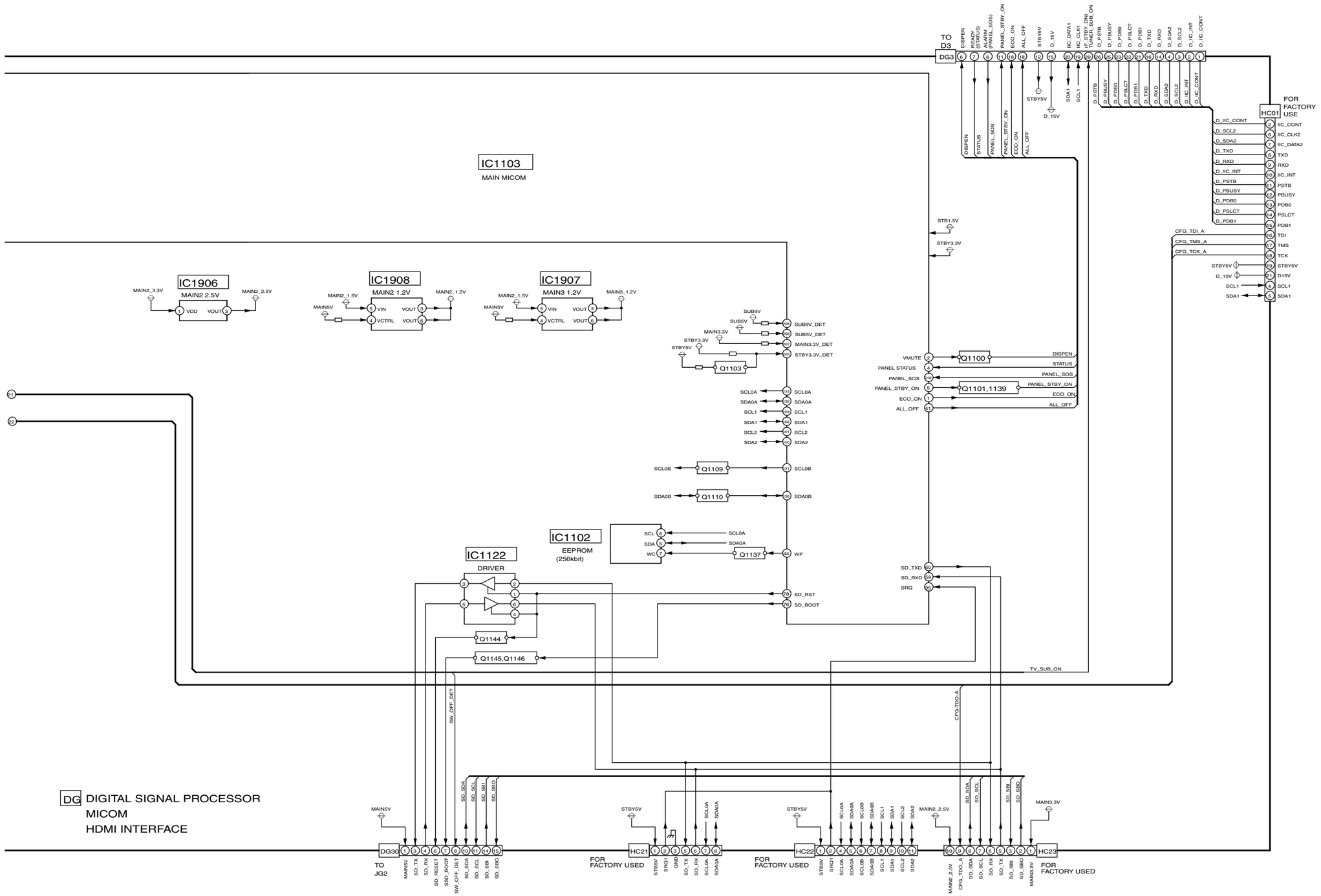
15.19. DG-Board (3 of 4) Block Diagram



TH-65PV600A/M
DG-Board (3 of 4) Block Diagram

TH-65PV600A/M
DG-Board (3 of 4) Block Diagram

15.20. DG-Board (4 of 4) Block Diagram

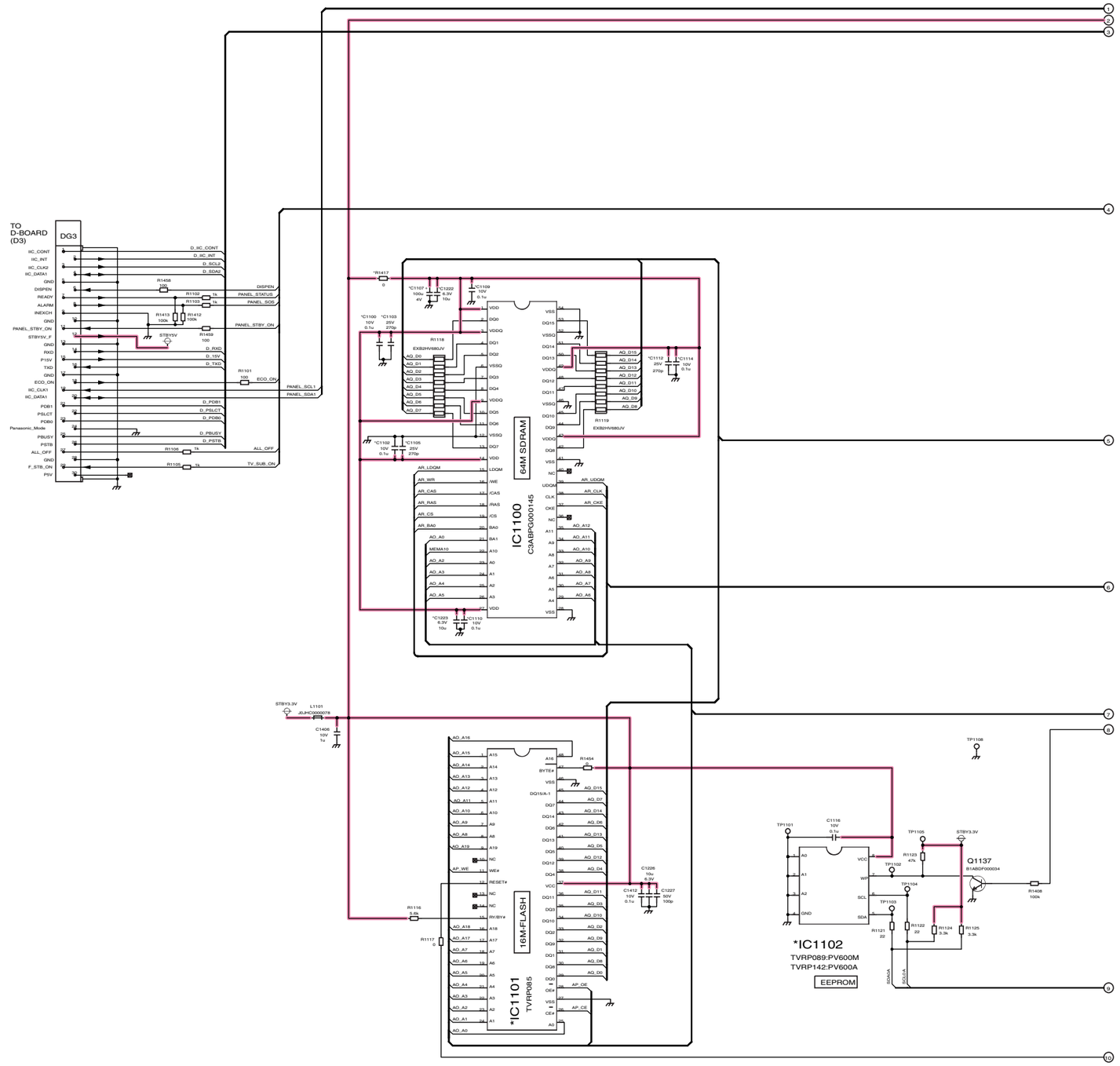


TH-65PV600A/M
DG-Board (4 of 4) Block Diagram

TH-65PV600A/M
DG-Board (4 of 4) Block Diagram

15.21. DG-Board (1 of 13) Schematic Diagram

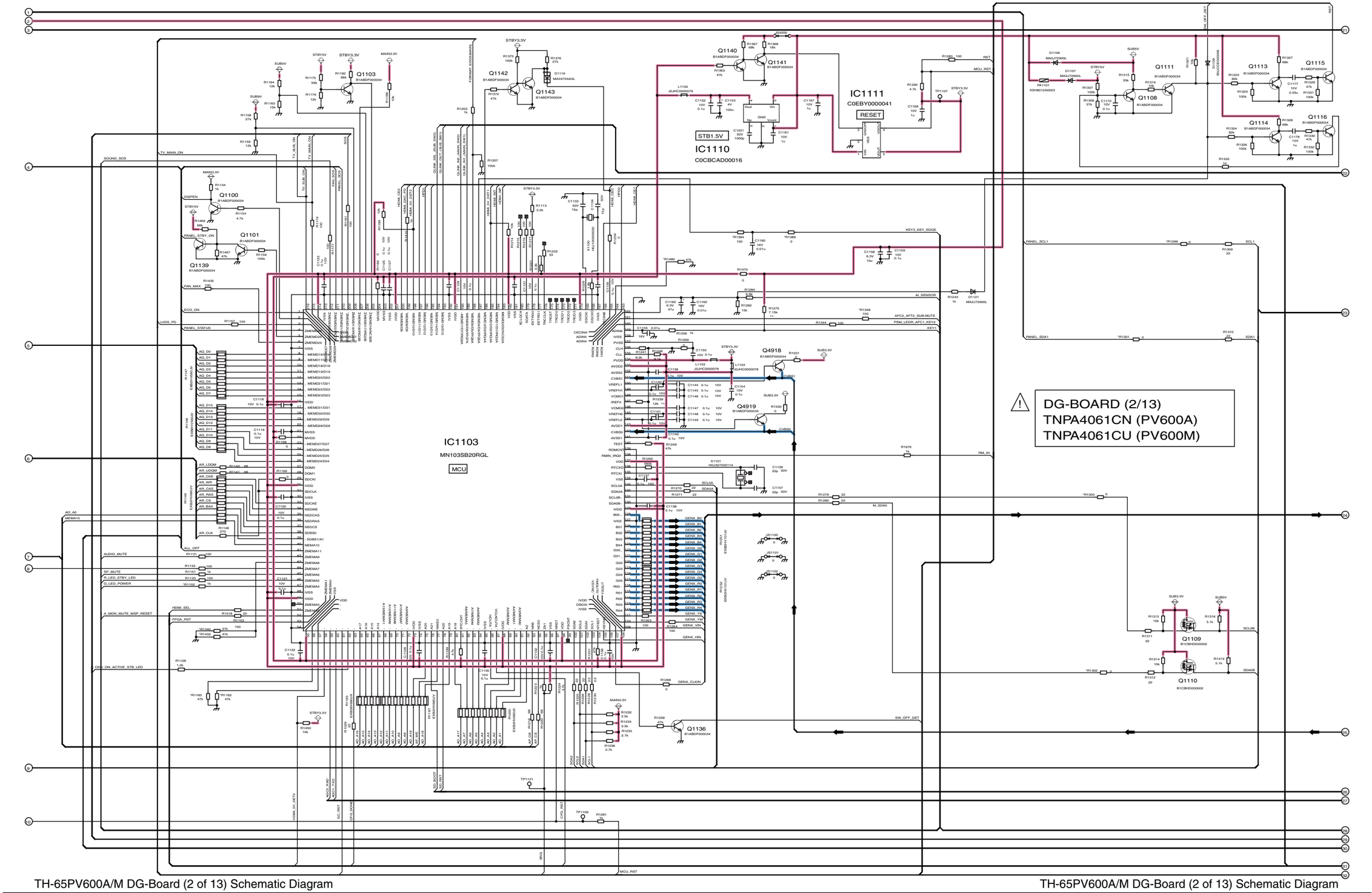
DG-BOARD (1/13)
TNPA4061CN (PV600A)
TNPA4061CU (PV600M)



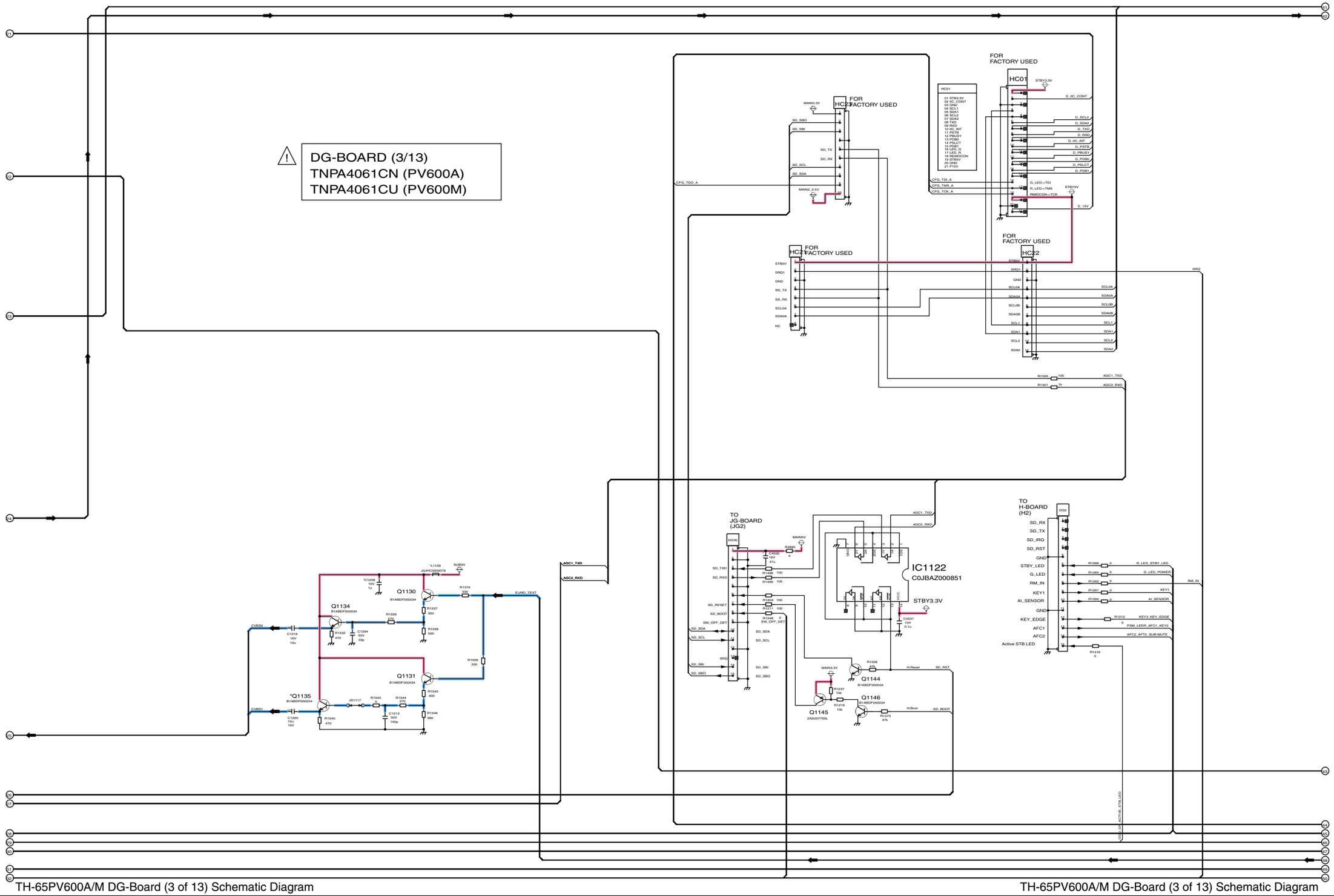
TH-65PV600A/M
DG-Board (1 of 13) Schematic Diagram

TH-65PV600A/M
DG-Board (1 of 13) Schematic Diagram

15.22. DG-Board (2 of 13) Schematic Diagram



15.23. DG-Board (3 of 13) Schematic Diagram

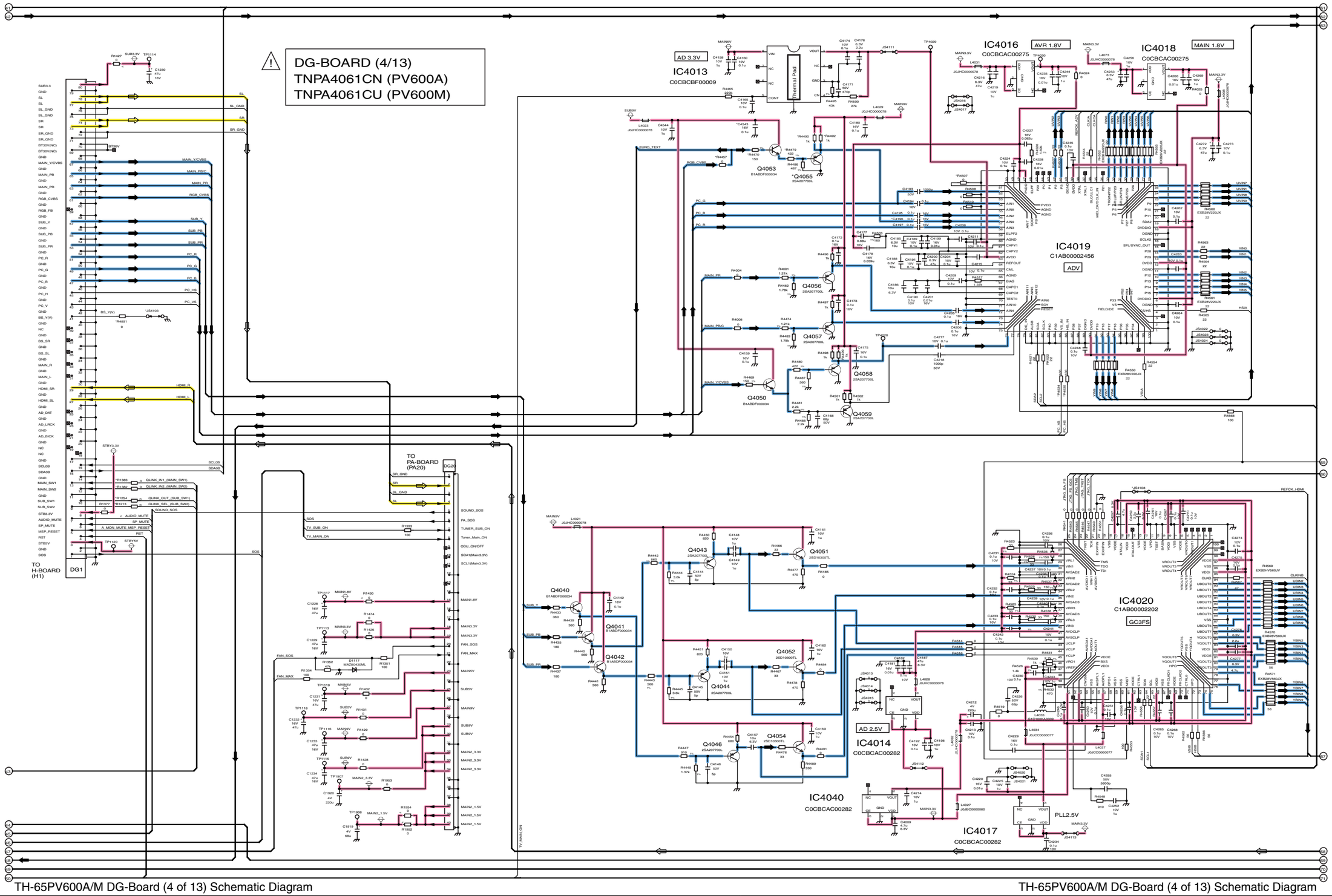


TH-65PV600A/M DG-Board (3 of 13) Schematic Diagram

TH-65PV600A/M DG-Board (3 of 13) Schematic Diagram

19 20 21 22 23 24 25 26 27

15.24. DG-Board (4 of 13) Schematic Diagram

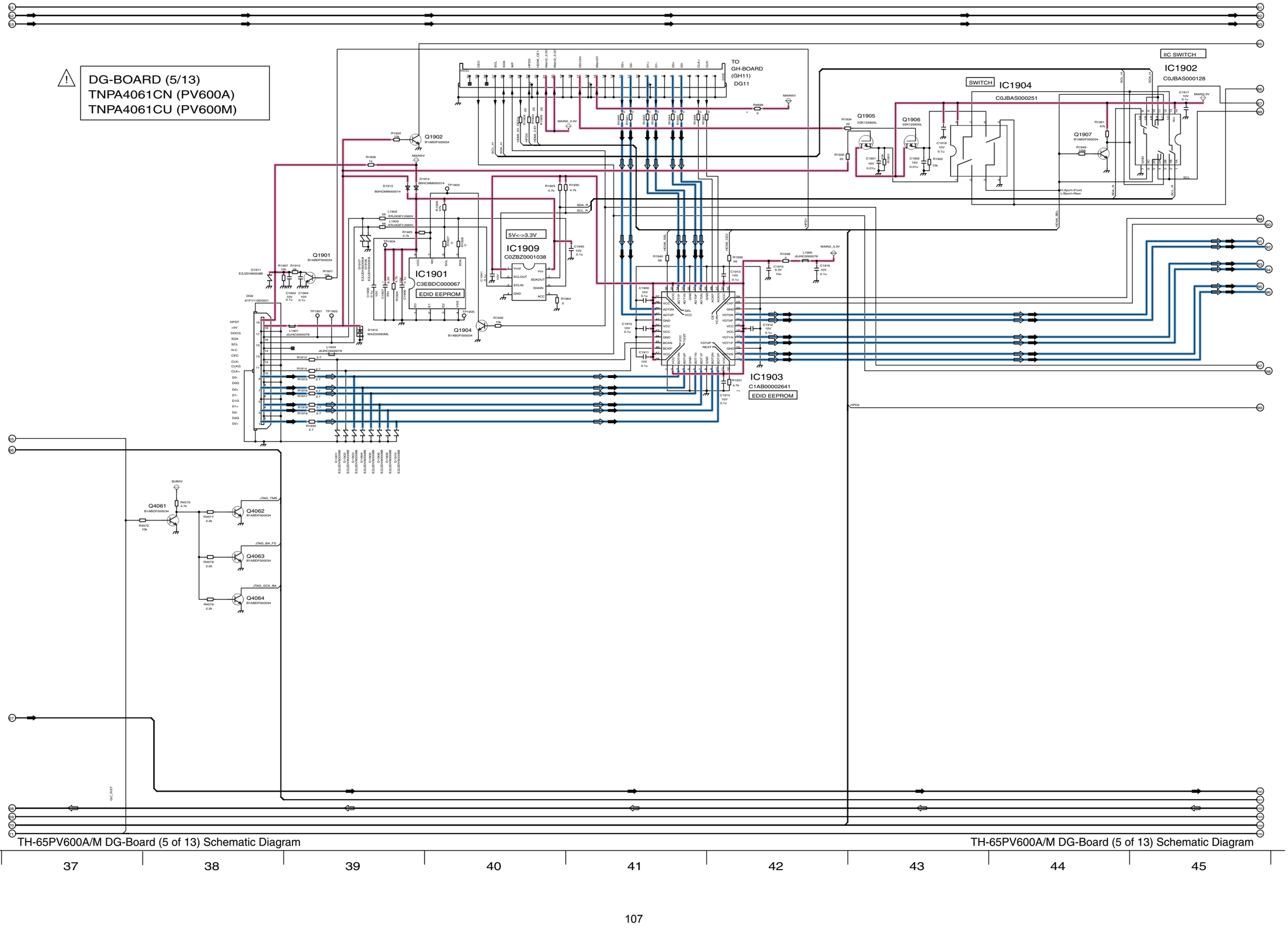


TH-65PV600A/M DG-Board (4 of 13) Schematic Diagram

TH-65PV600A/M DG-Board (4 of 13) Schematic Diagram

28 29 30 31 32 33 34 35 36

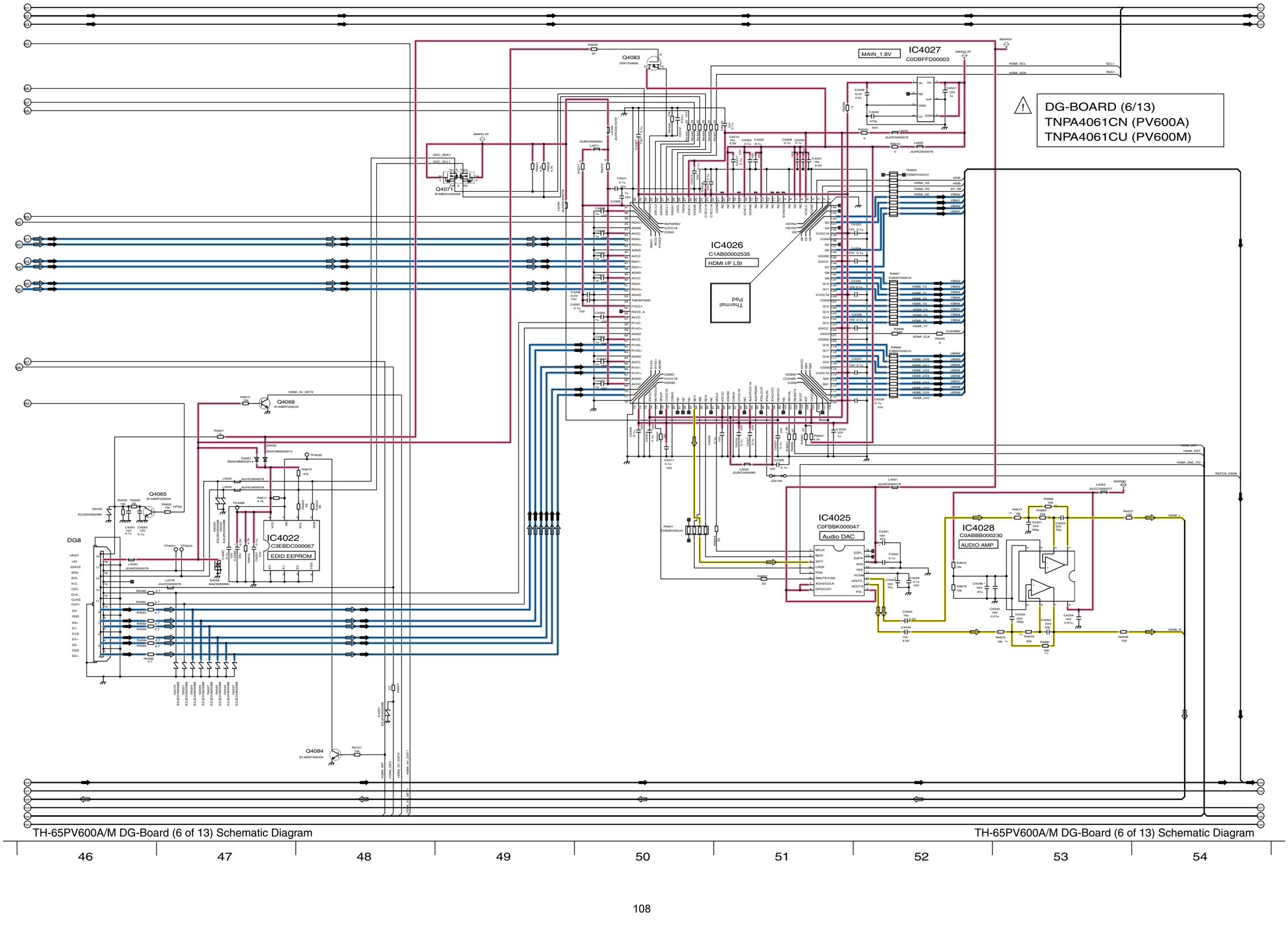
15.25. DG-Board (5 of 13) Schematic Diagram



TH-65PV600A/M DG-Board (5 of 13) Schematic Diagram

37 38 39 40 41 42 43 44 45

15.26. DG-Board (6 of 13) Schematic Diagram

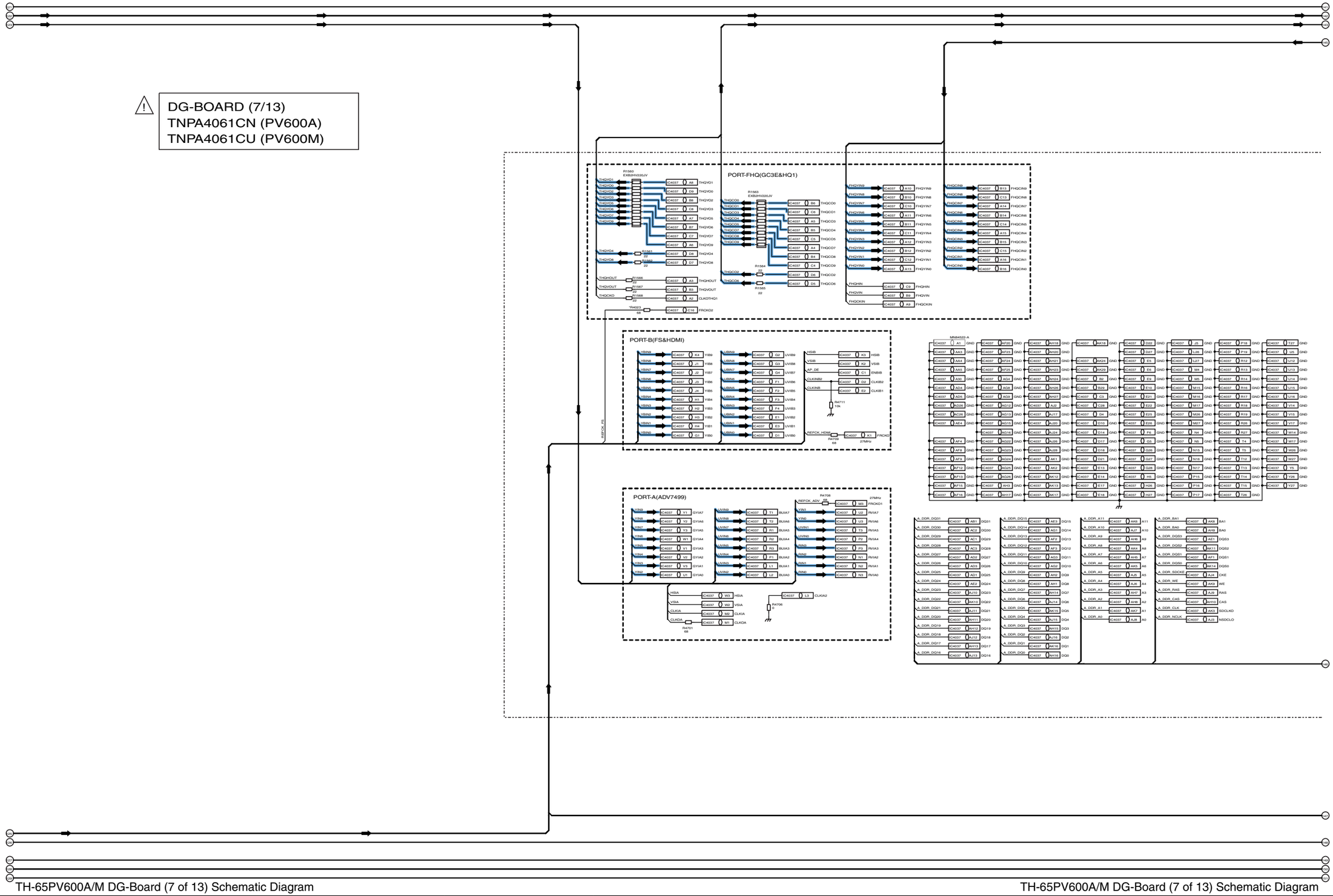


TH-65PV600A/M DG-Board (6 of 13) Schematic Diagram

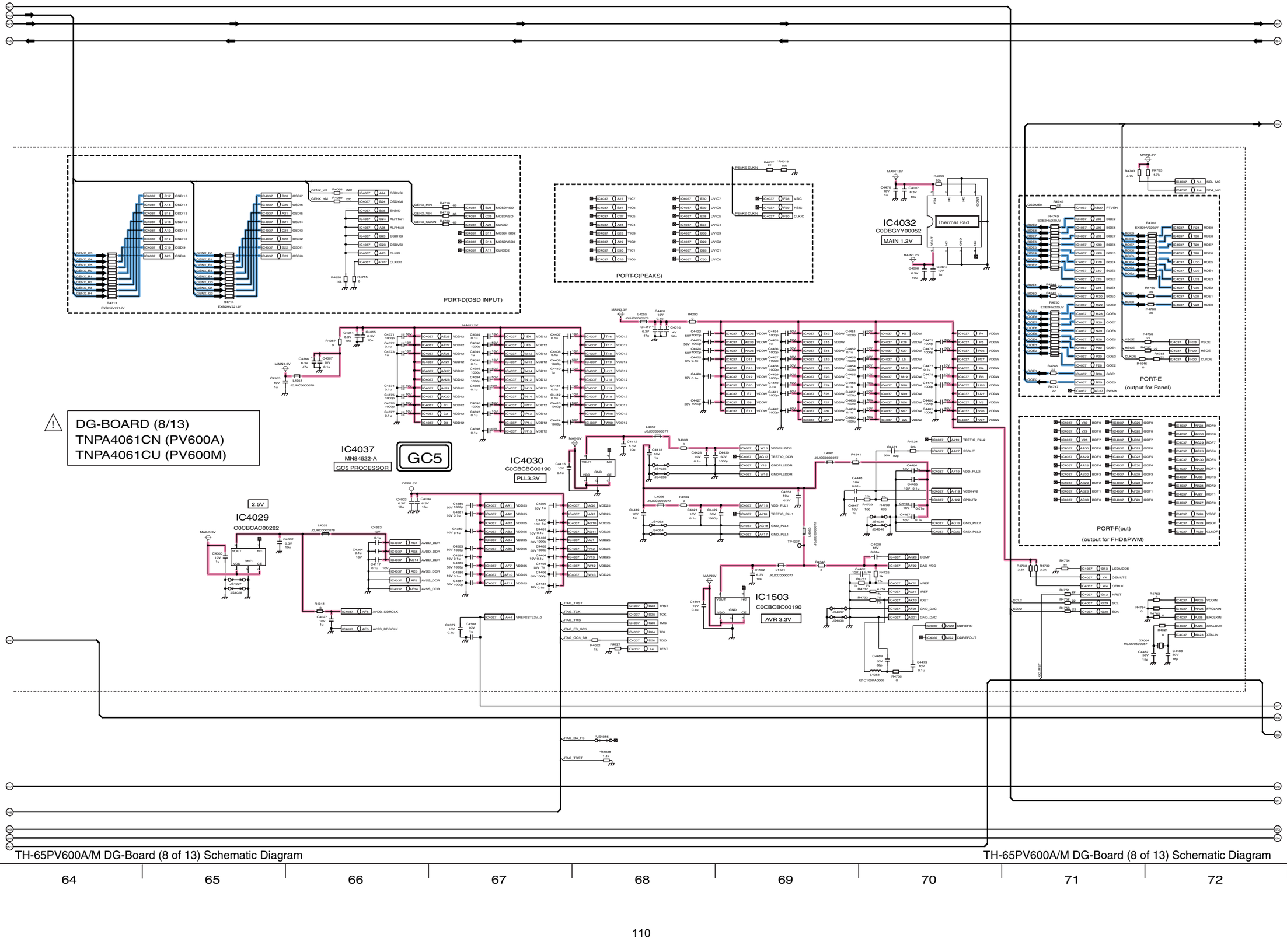
46 47 48 49 50 51 52 53 54

15.27. DG-Board (7 of 13) Schematic Diagram

DG-BOARD (7/13)
TNPA4061CN (PV600A)
TNPA4061CU (PV600M)

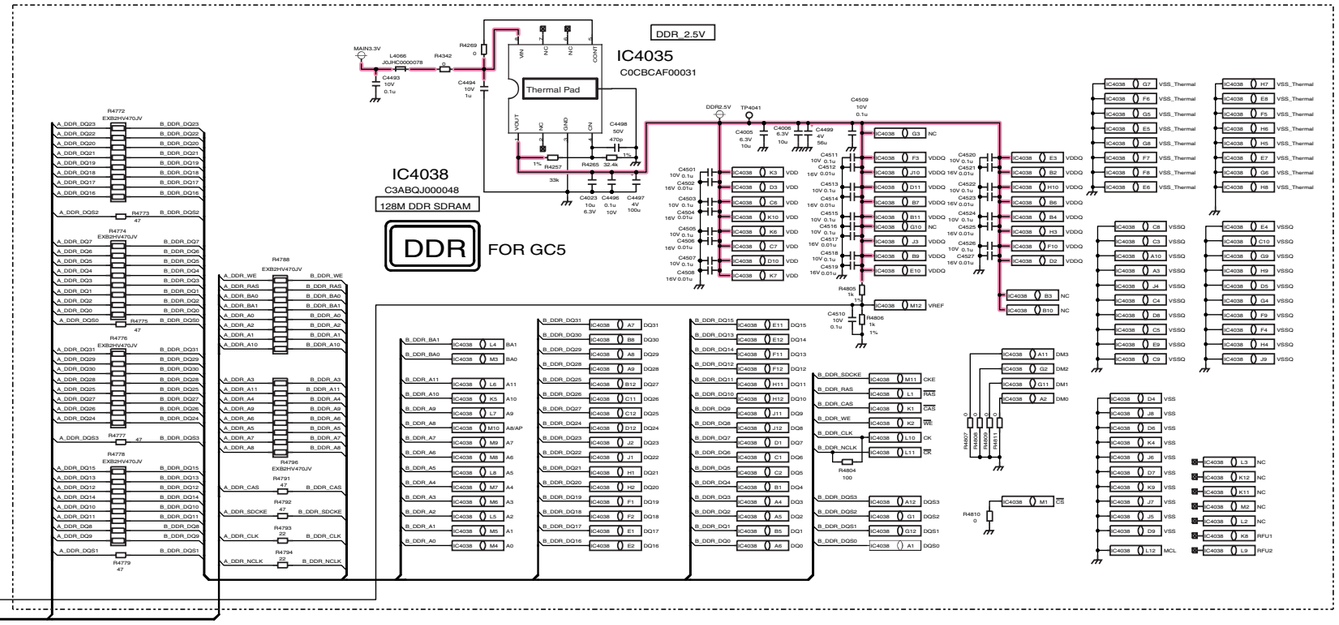


15.28. DG-Board (8 of 13) Schematic Diagram

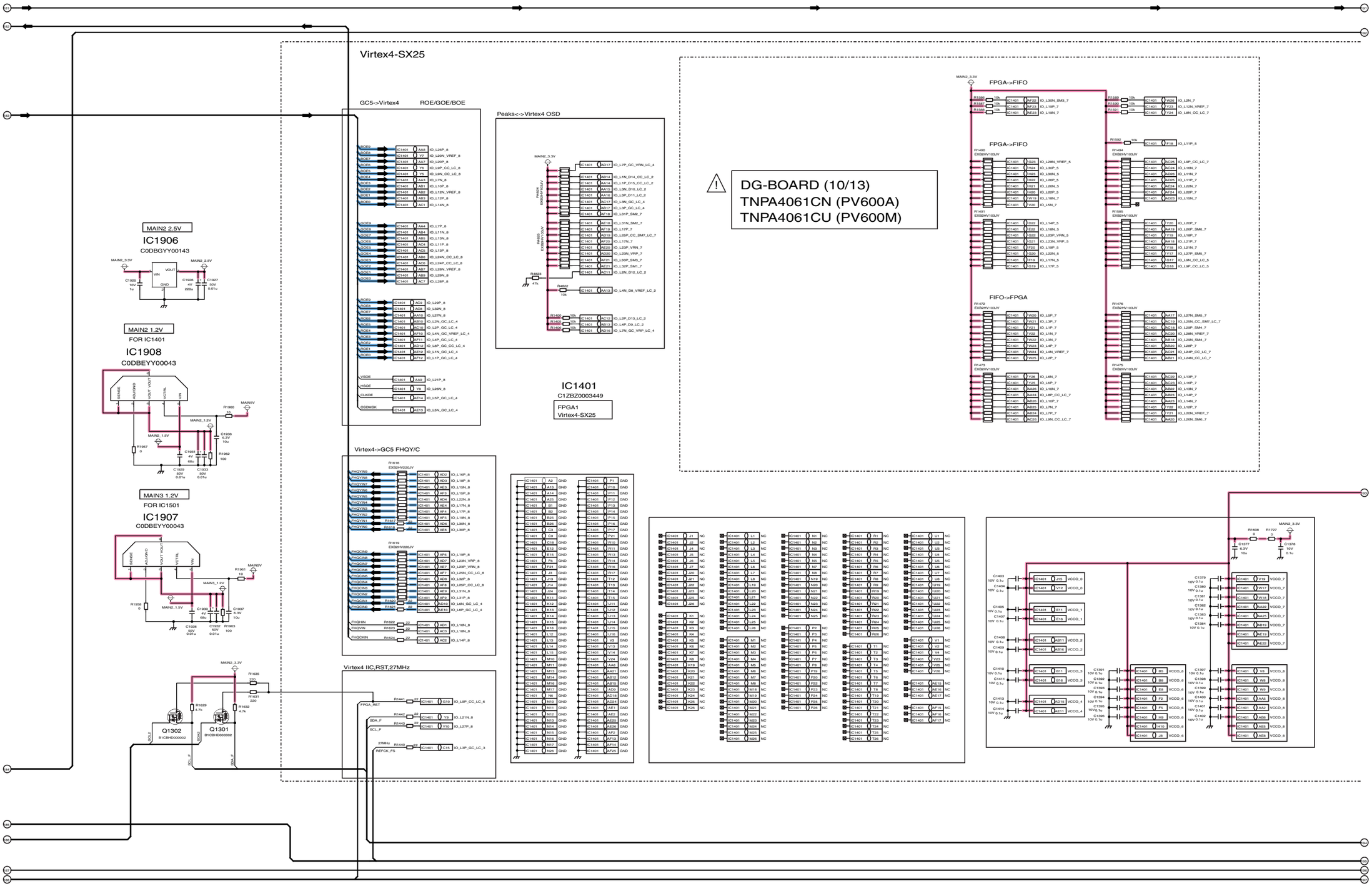


15.29. DG-Board (9 of 13) Schematic Diagram

DG-BOARD (9/13)
TNPA4061CN (PV600A)
TNPA4061CU (PV600M)



15.30. DG-Board (10 of 13) Schematic Diagram

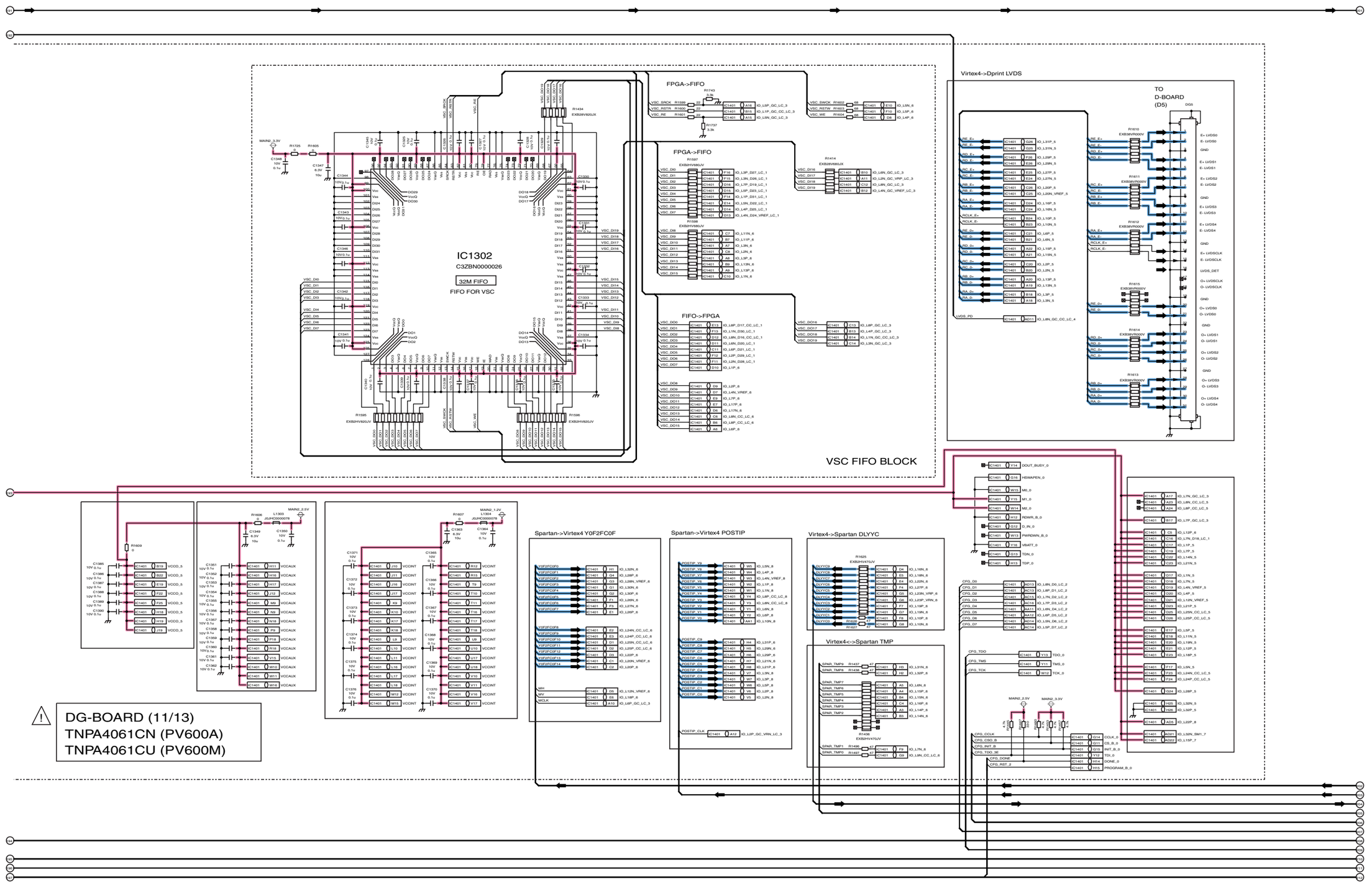


TH-65PV600A/M DG-Board (10 of 13) Schematic Diagram

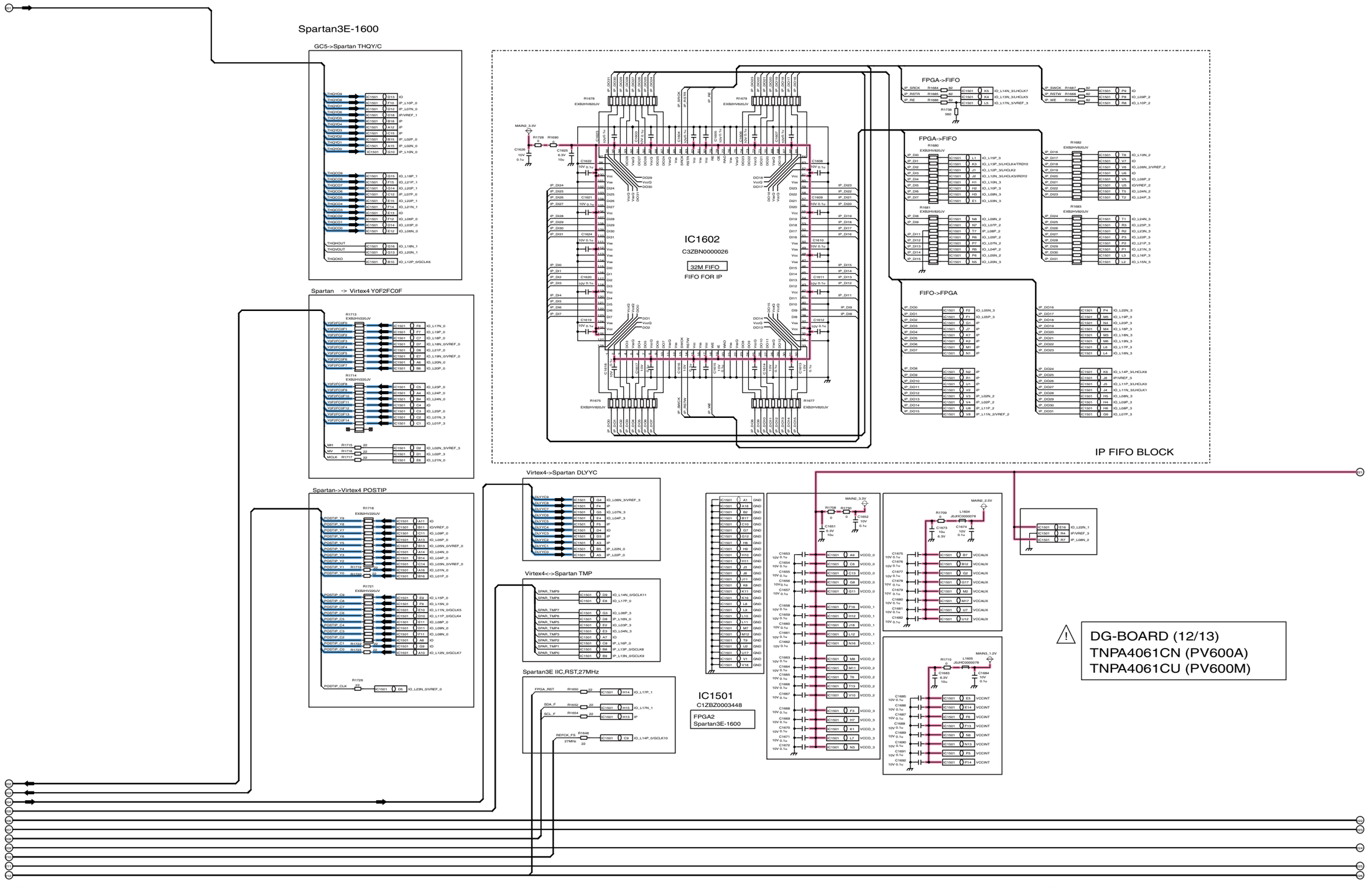
TH-65PV600A/M DG-Board (10 of 13) Schematic Diagram

82 83 84 85 86 87 88 89 90

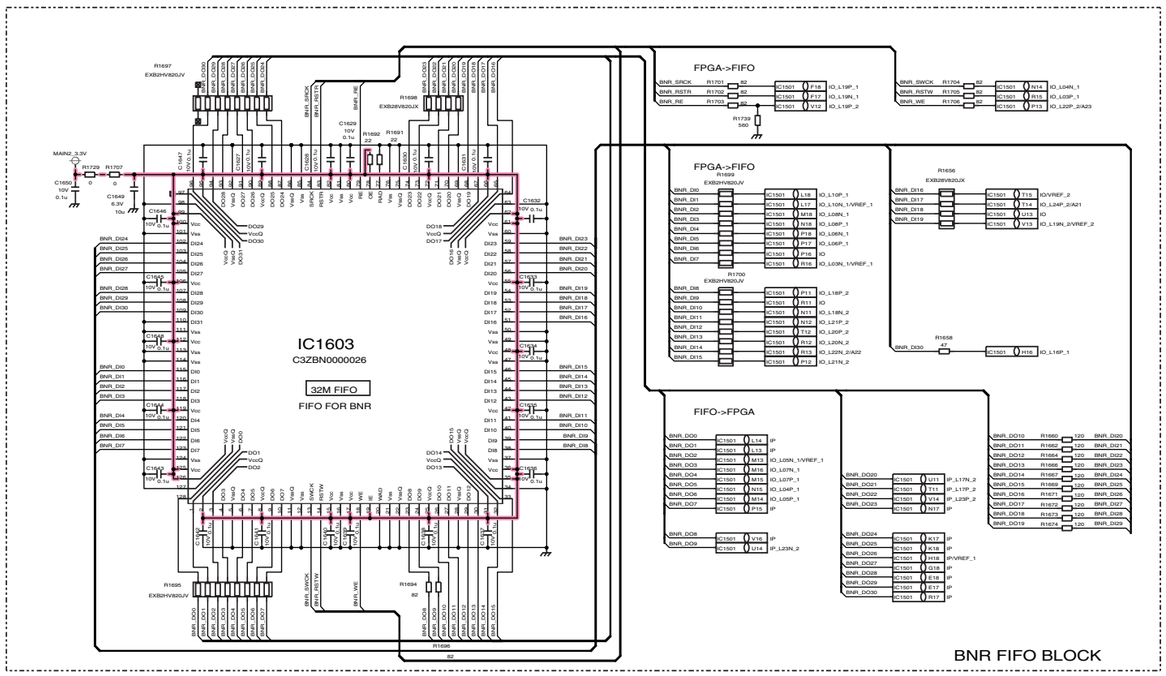
15.31. DG-Board (11 of 13) Schematic Diagram



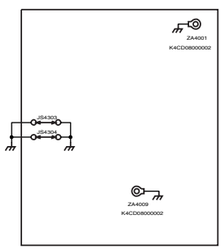
15.32. DG-Board (12 of 13) Schematic Diagram

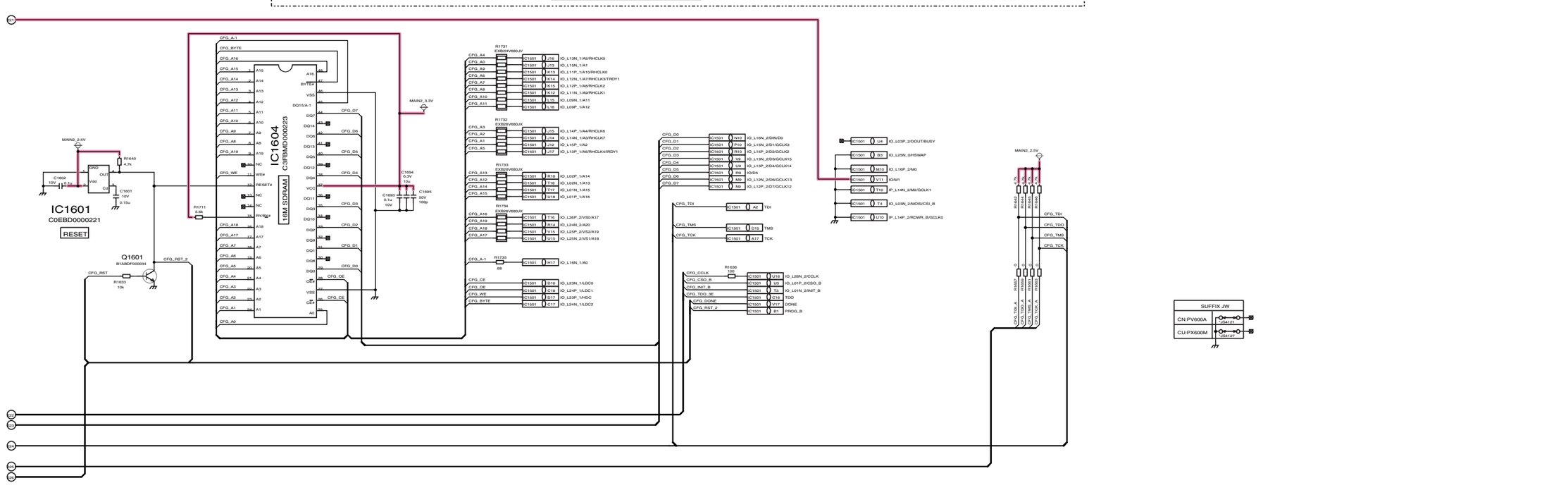


15.33. DG-Board (13 of 13) Schematic Diagram



DG-BOARD (13/13)
TNPA4061CN (PV600A)
TNPA4061CU (PV600M)



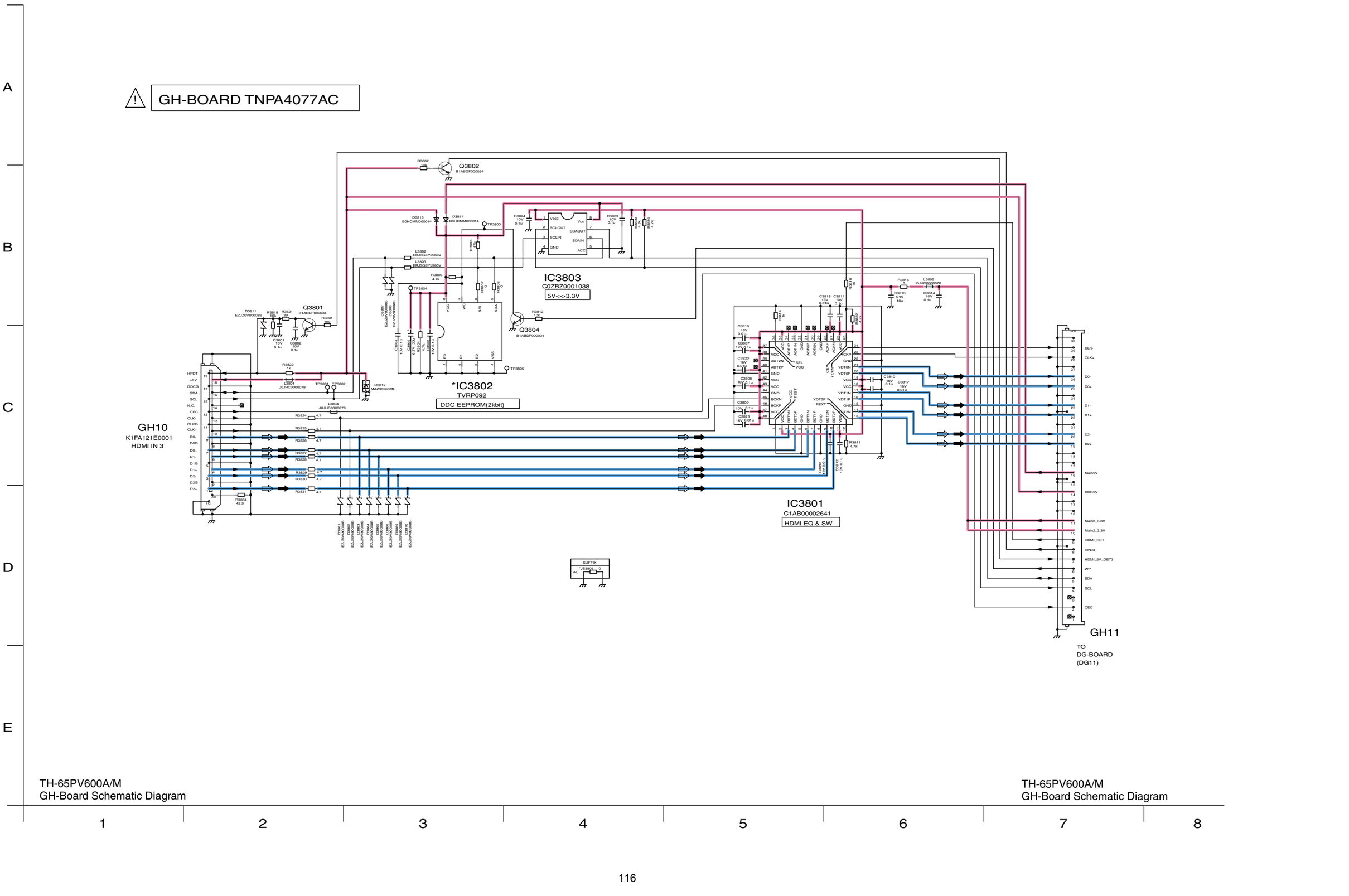


TH-65PV600A/M DG-Board (13 of 13) Schematic Diagram

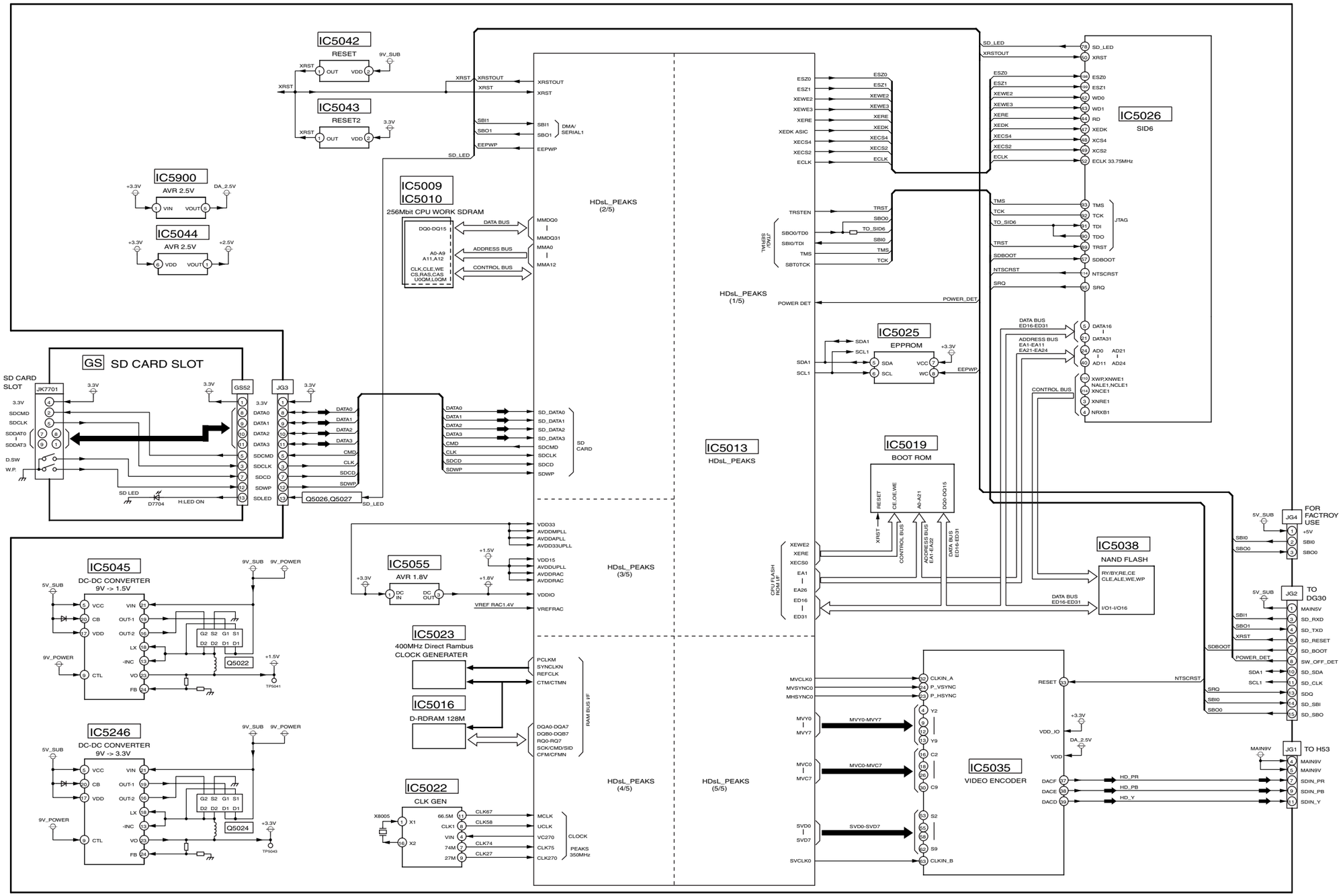
TH-65PV600A/M DG-Board (13 of 13) Schematic Diagram

109 110 111 112 113 114 115 116 117

15.34. GH-Board Schematic Diagram



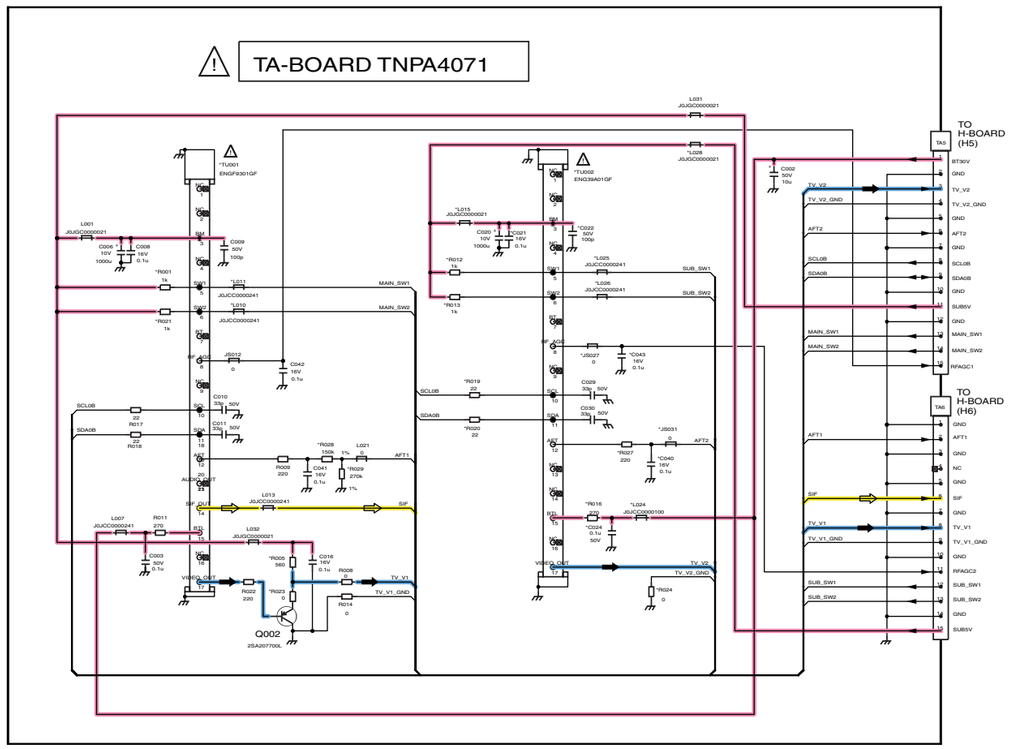
15.35. JG and GS-Board Block Diagram

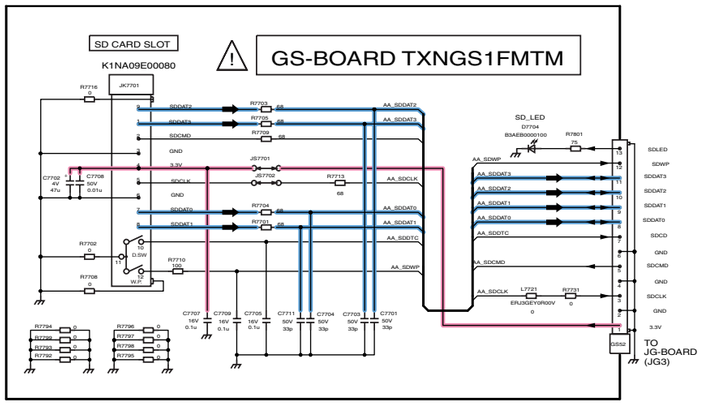


TH-65PV600A/M
JG and GS-Board Block Diagram

TH-65PV600A/M
JG and GS-Board Block Diagram

15.36. TA and GS-Board Schematic Diagram

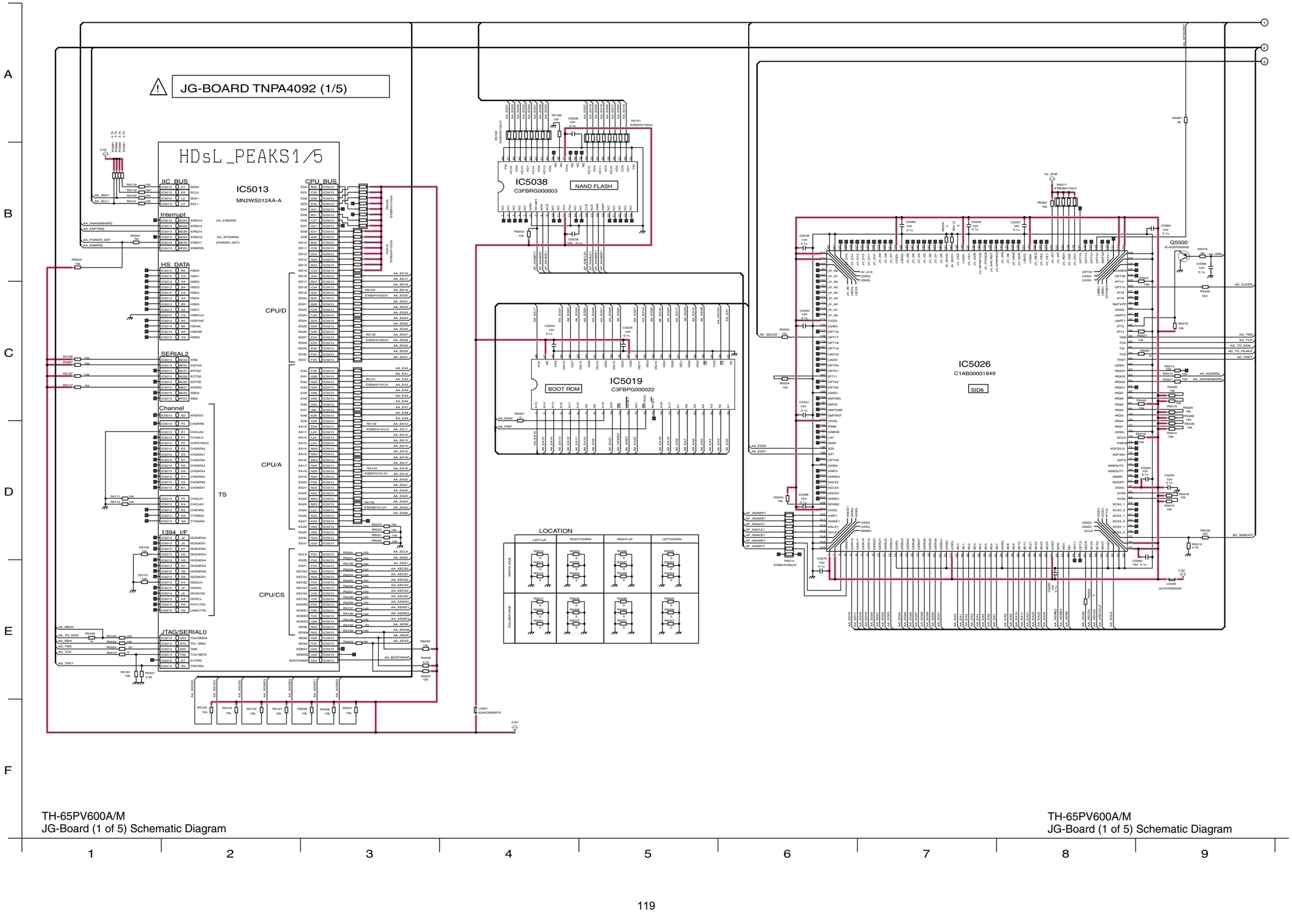




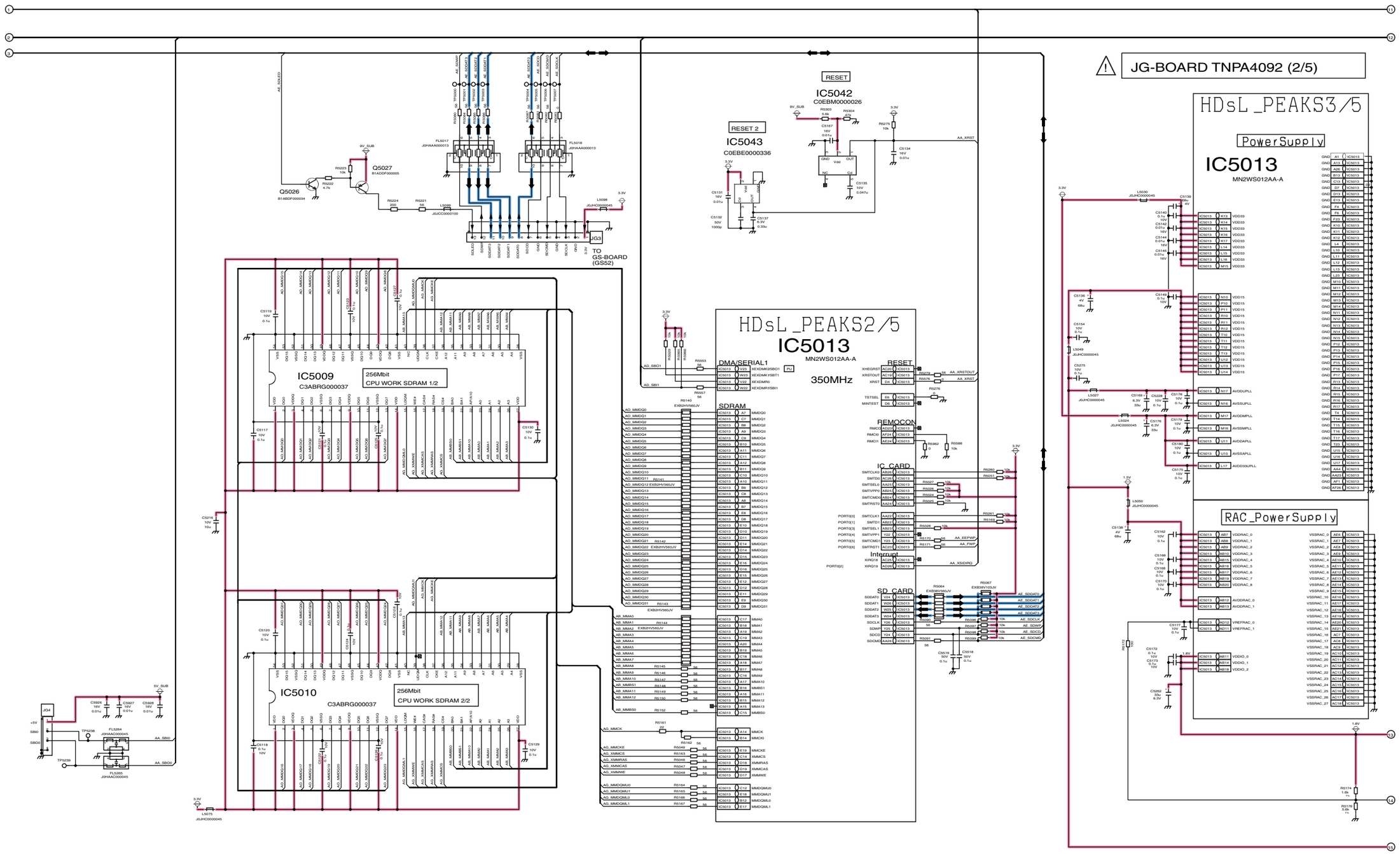
TH-65PV600A/M
TA and GS-Board Schematic Diagram

TH-65PV600A/M
TA and GS-Board Schematic Diagram

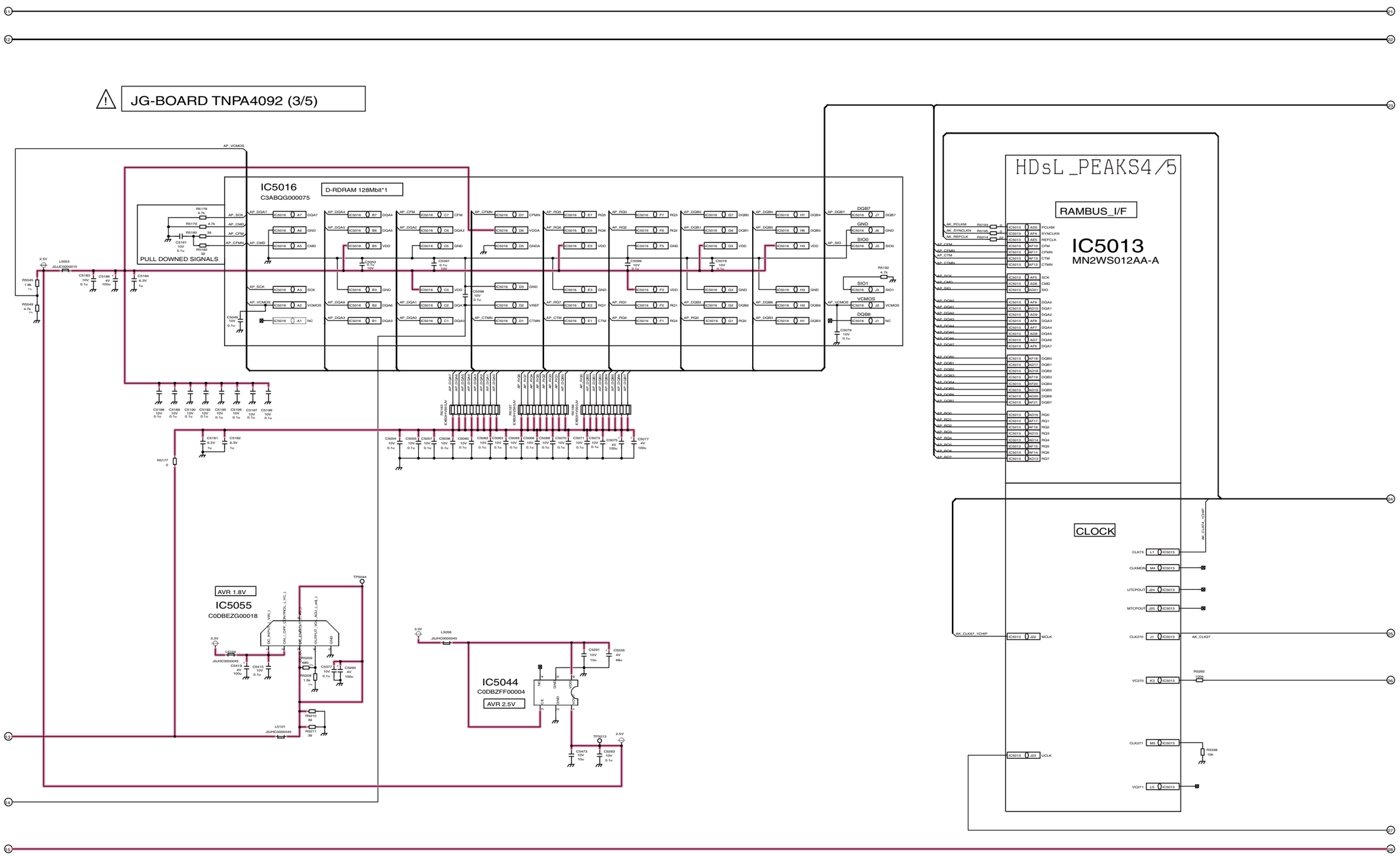
15.37. JG-Board (1 of 5) Schematic Diagram



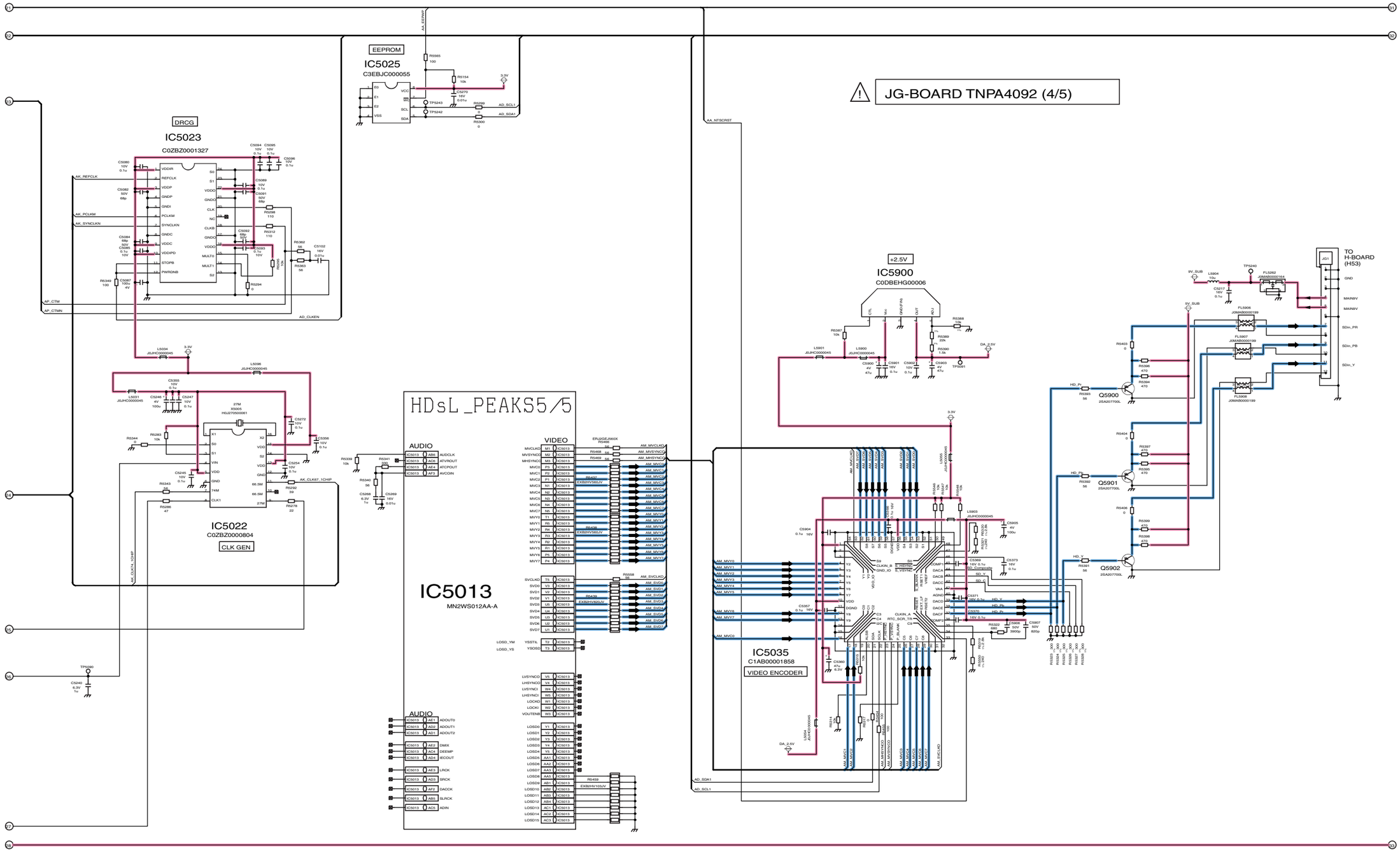
15.38. JG-Board (2 of 5) Schematic Diagram



15.39. JG-Board (3 of 5) Schematic Diagram



15.40. JG-Board (4 of 5) Schematic Diagram

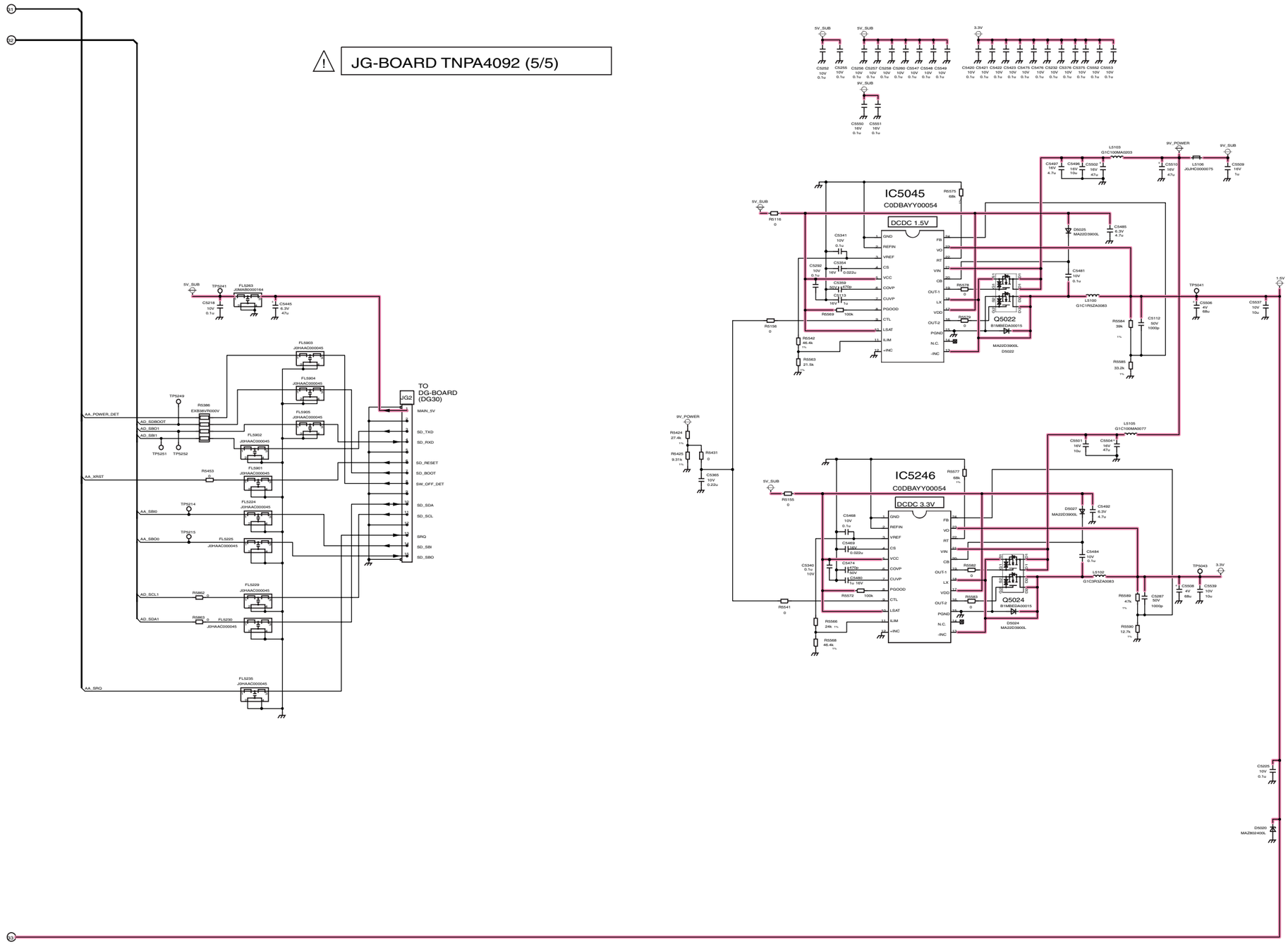


TH-65PV600A/M
JG-Board (4 of 5) Schematic Diagram

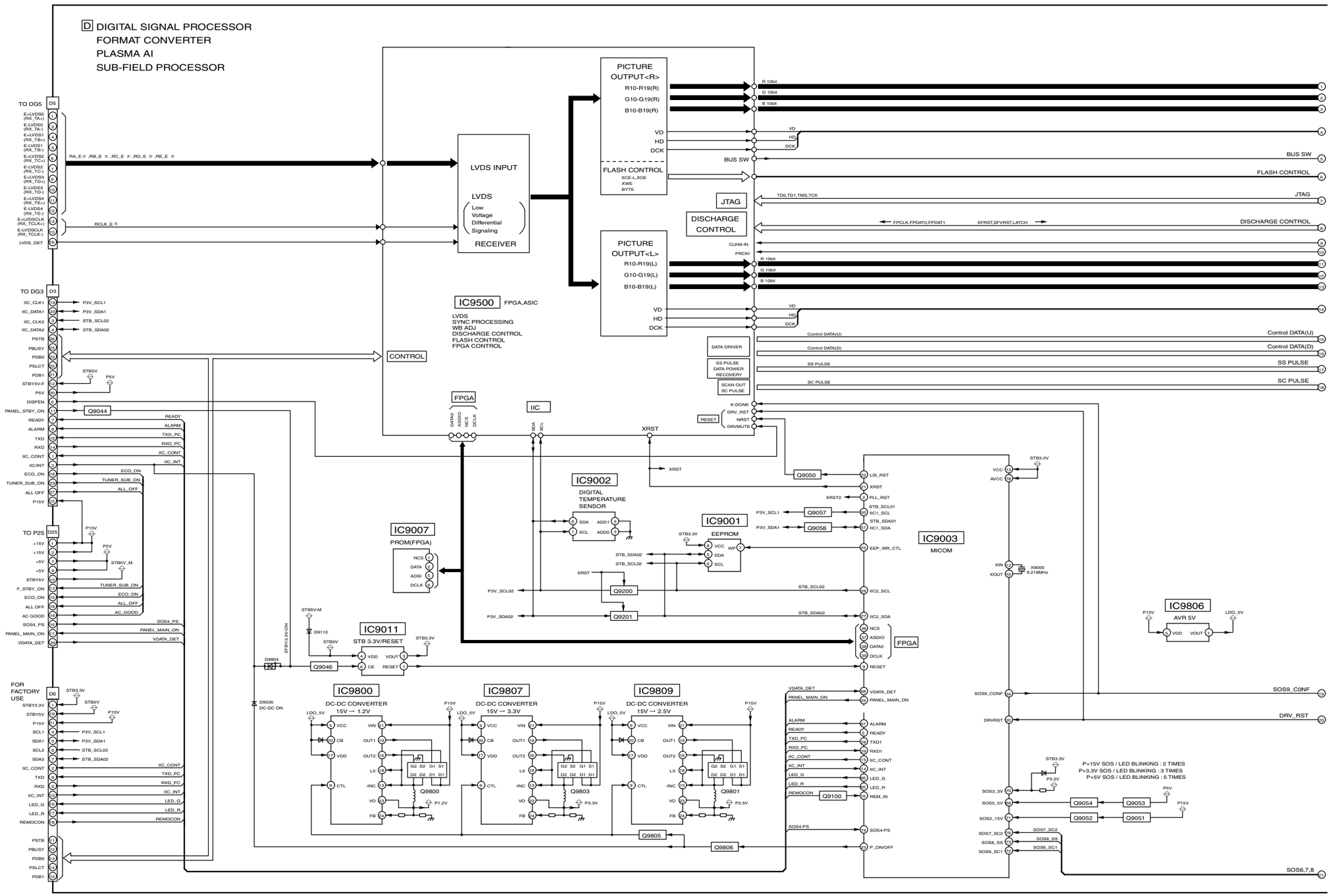
TH-65PV600A/M
JG-Board (4 of 5) Schematic Diagram

28 29 30 31 32 33 34 35 36

15.41. JG-Board (5 of 5) Schematic Diagram



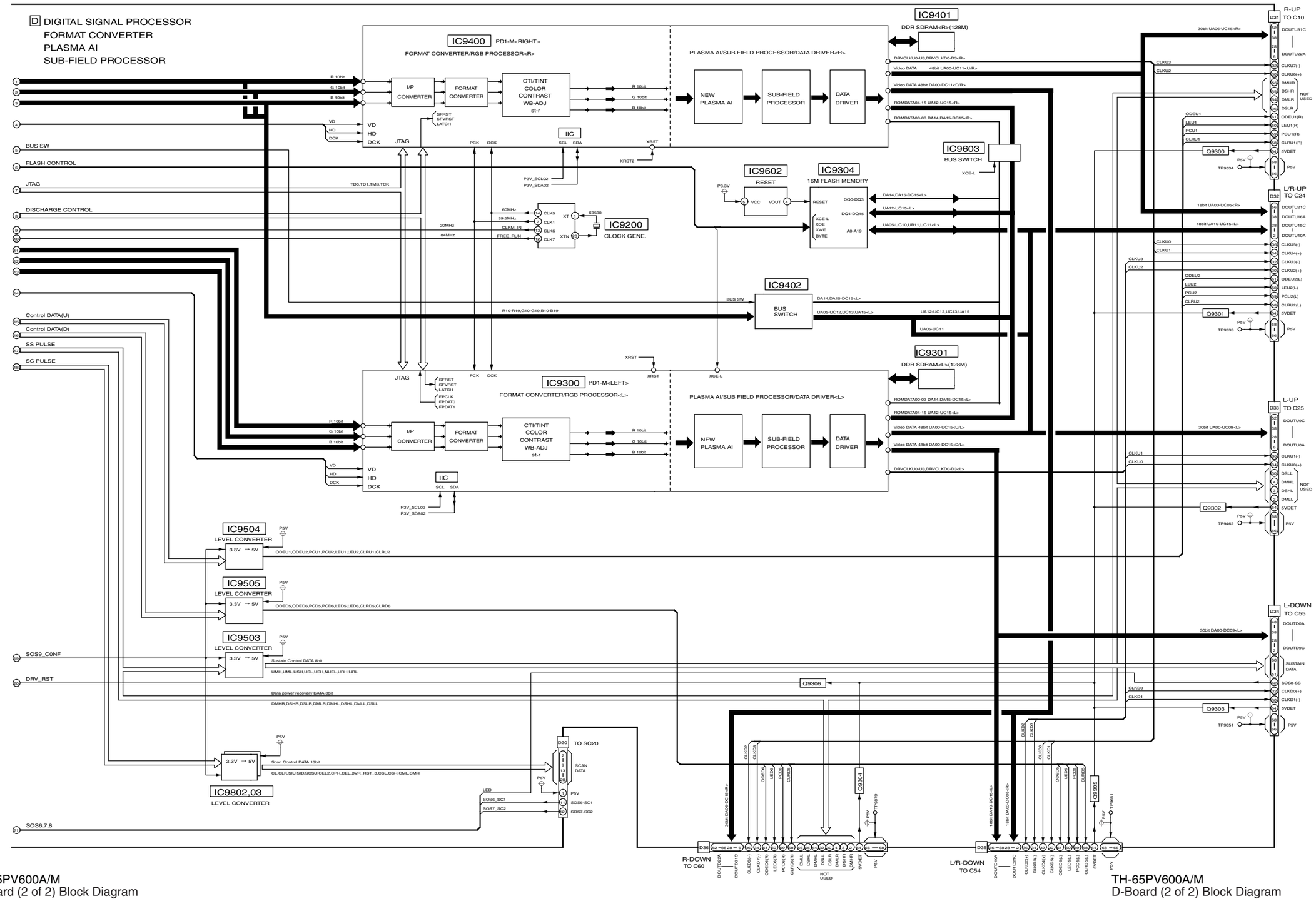
15.42. D-Board (1 of 2) Block Diagram



TH-65PV600A/M
D-Board (1 of 2) Block Diagram

TH-65PV600A/M
D-Board (1 of 2) Block Diagram

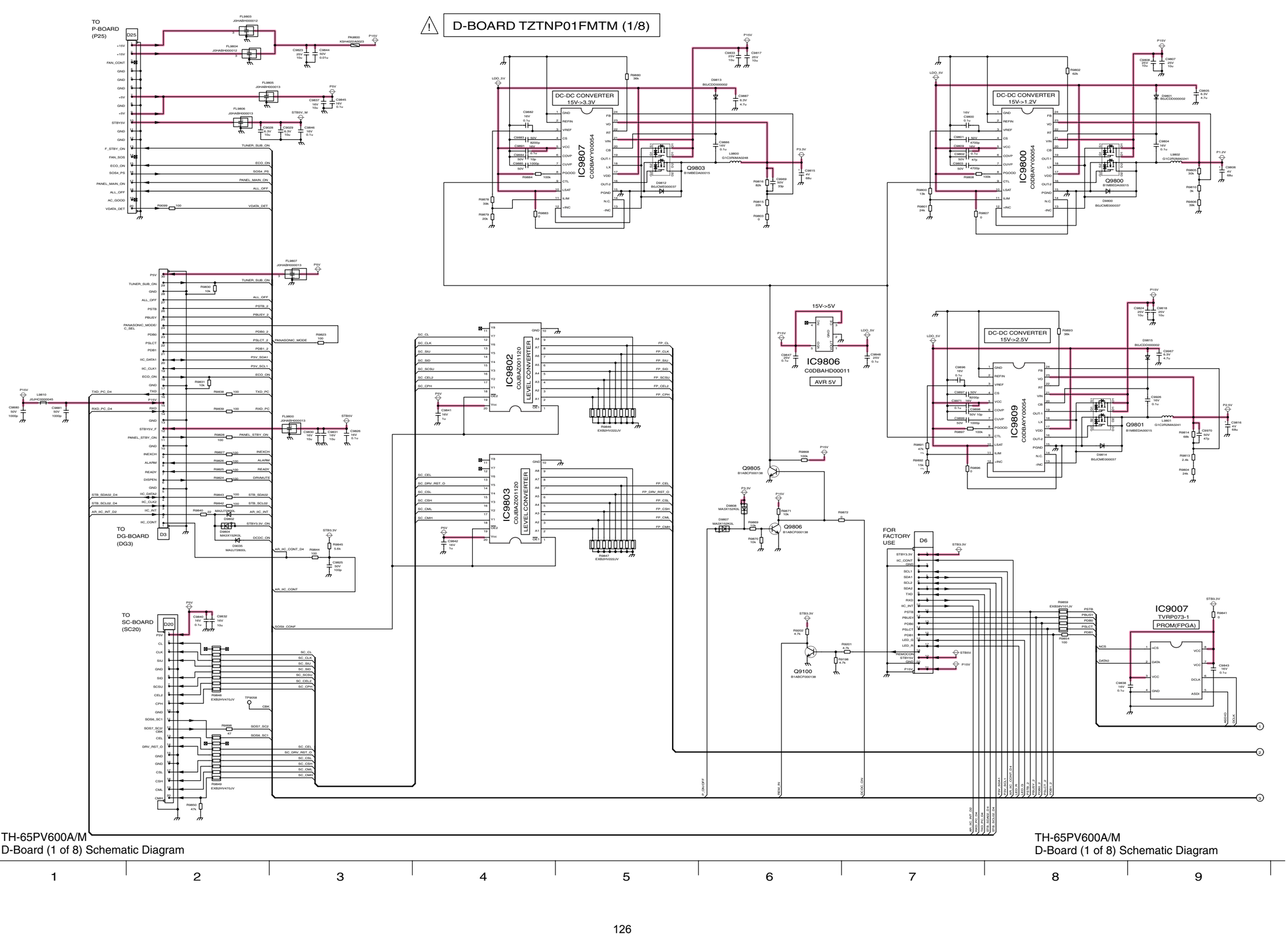
15.43. D-Board (2 of 2) Block Diagram



TH-65PV600A/M
D-Board (2 of 2) Block Diagram

TH-65PV600A/M
D-Board (2 of 2) Block Diagram

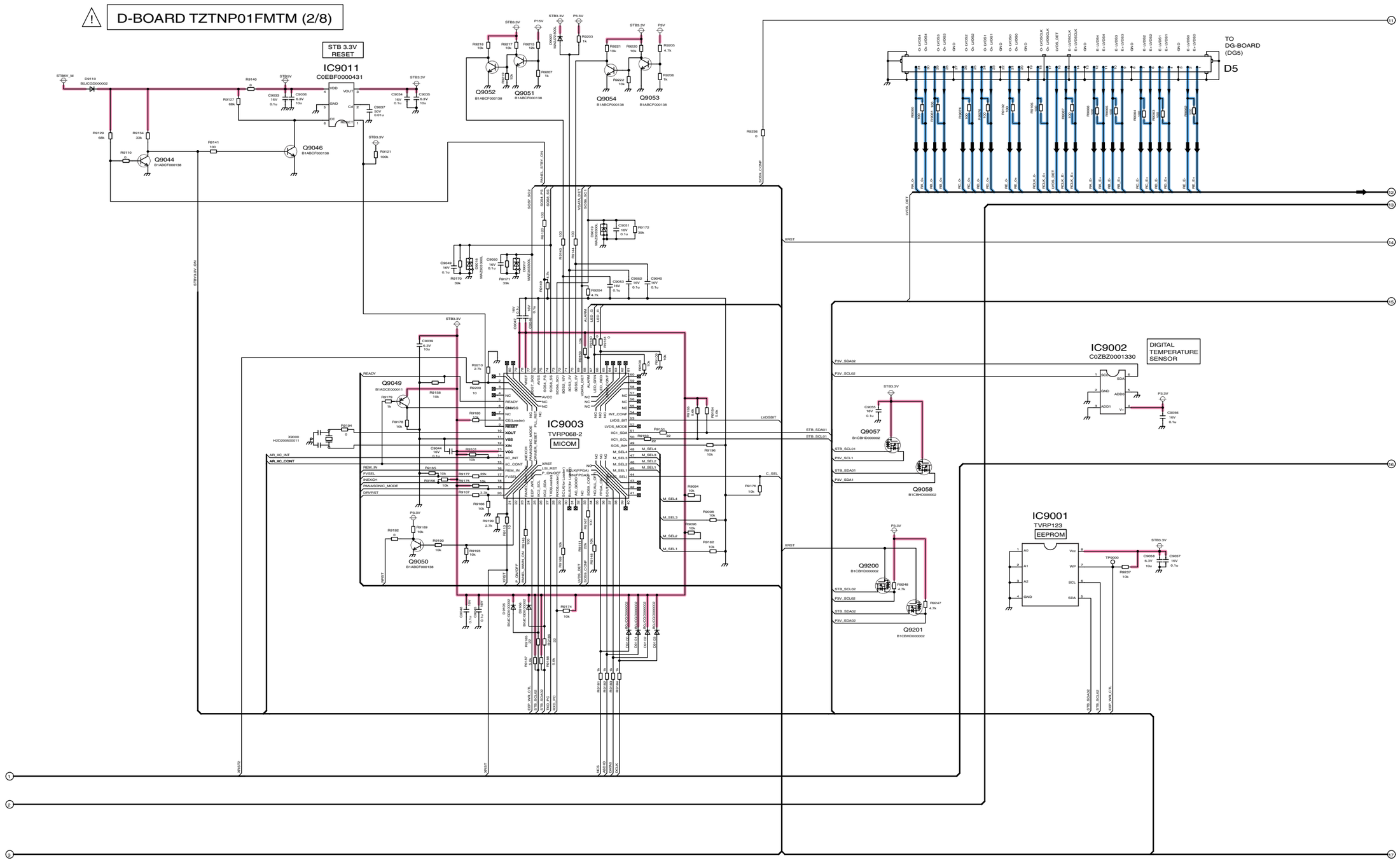
15.44. D-Board (1 of 8) Schematic Diagram



TH-65PV600A/M
D-Board (1 of 8) Schematic Diagram

TH-65PV600A/M
D-Board (1 of 8) Schematic Diagram

15.45. D-Board (2 of 8) Schematic Diagram

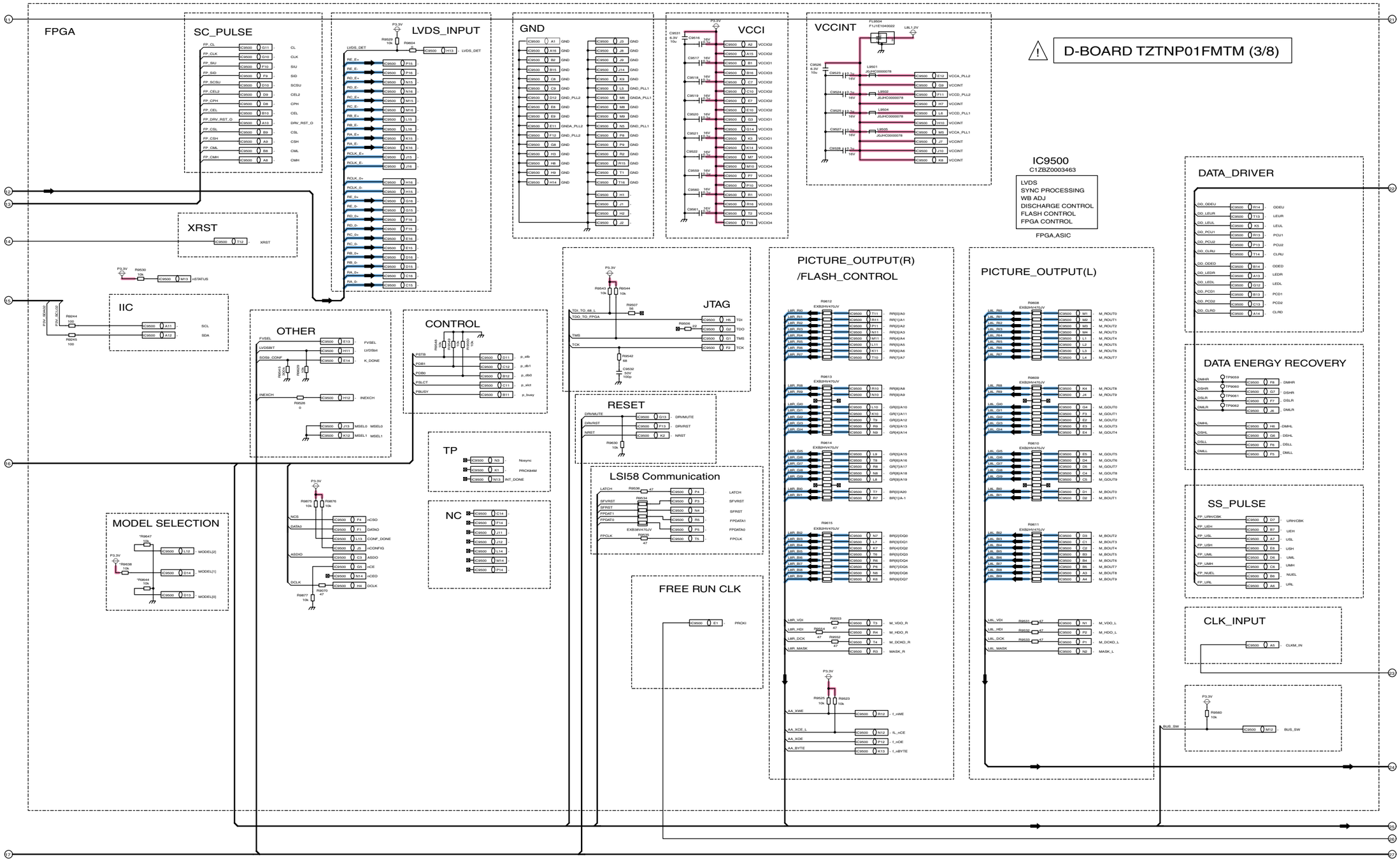


TH-65PV600A/M
D-Board (2 of 8) Schematic Diagram

TH-65PV600A/M
D-Board (2 of 8) Schematic Diagram

10 11 12 13 14 15 16 17 18

15.46. D-Board (3 of 8) Schematic Diagram



TH-65PV600A/M
D-Board (3 of 8) Schematic Diagram

TH-65PV600A/M
D-Board (3 of 8) Schematic Diagram

15.47. D-Board (4 of 8) Schematic Diagram

D-BOARD TZTNP01FMTM (4/8)

IC9503 C0JBAZ001120 3.3V->5V LEVEL CONVERTER

IC9504 C0JBAZ001120 3.3V->5V LEVEL CONVERTER

IC9505 C0JBAZ001120 3.3V->5V LEVEL CONVERTER

IC9200 C1ZBZ0003473 CLOCK GENE.

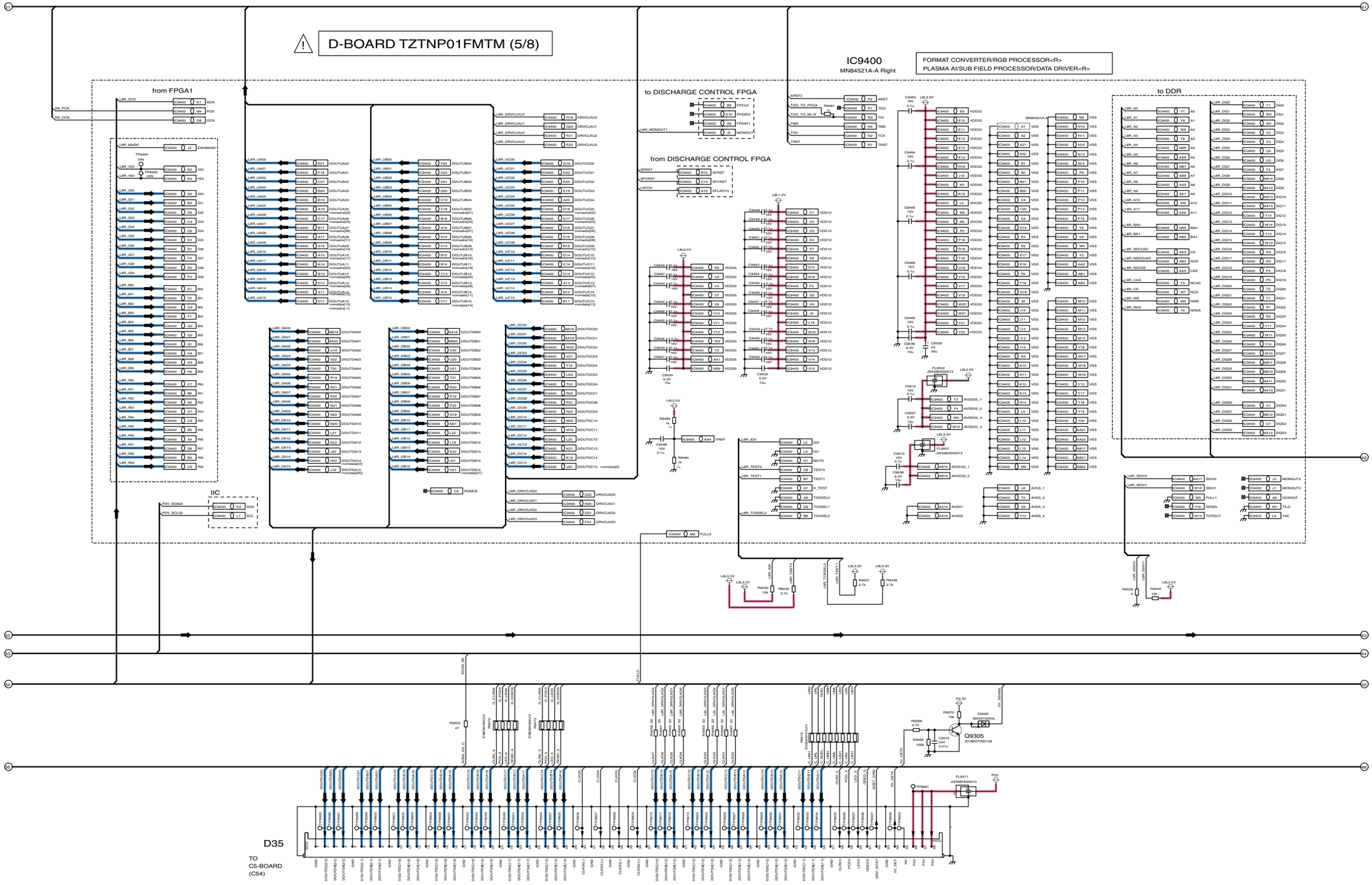
IC9402 C0JBAZ002614 BUS SWITCH

D36 TO C6-BOARD (C60)

TH-65PV600A/M
D-Board (4 of 8) Schematic Diagram

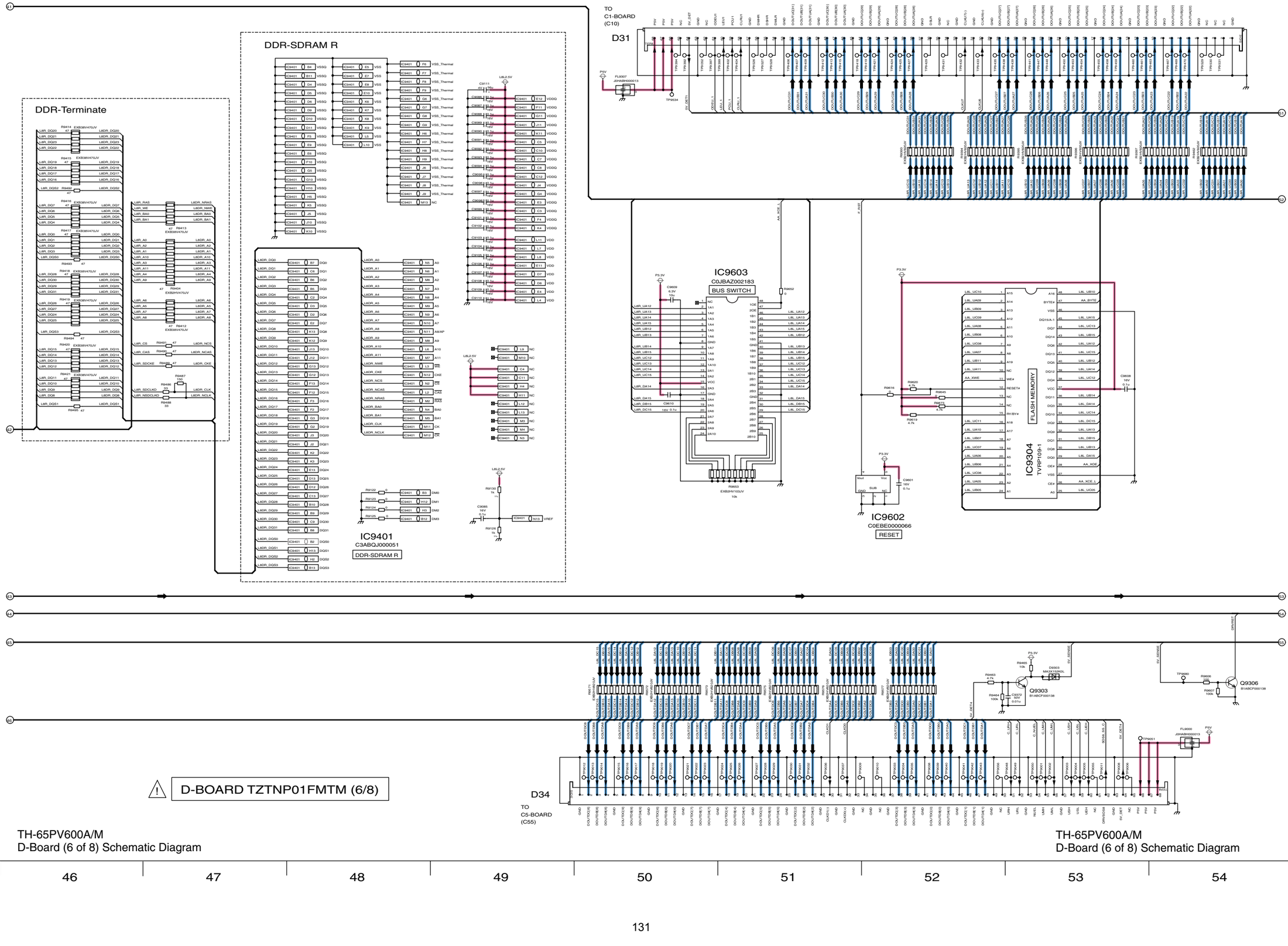
28 29 30 31 32 33 34 35 36

15.48. D-Board (5 of 8) Schematic Diagram



TH-65PV600A/M
D-Board (5 of 8) Schematic Diagram

15.49. D-Board (6 of 8) Schematic Diagram



15.50. D-Board (7 of 8) Schematic Diagram

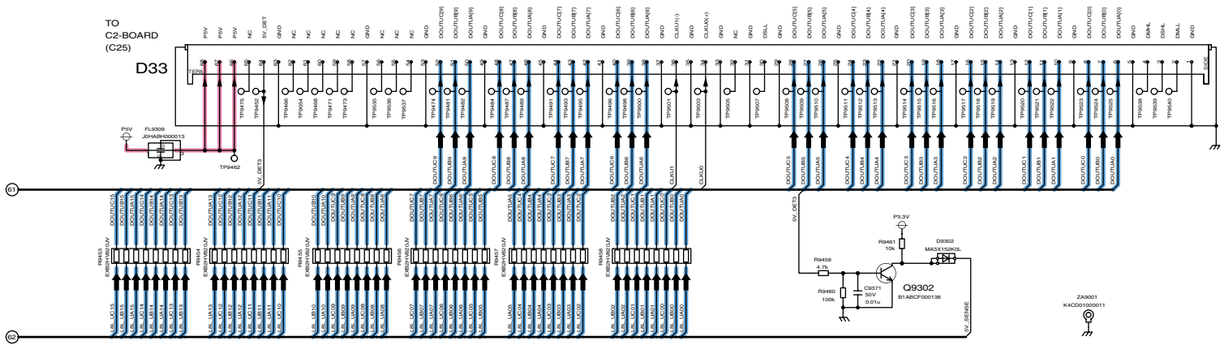
D-BOARD TZTNP01FMTM (7/8)

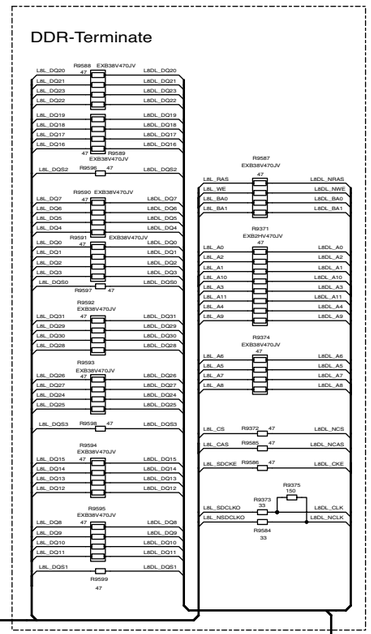
TO C2-BOARD (C24) D32

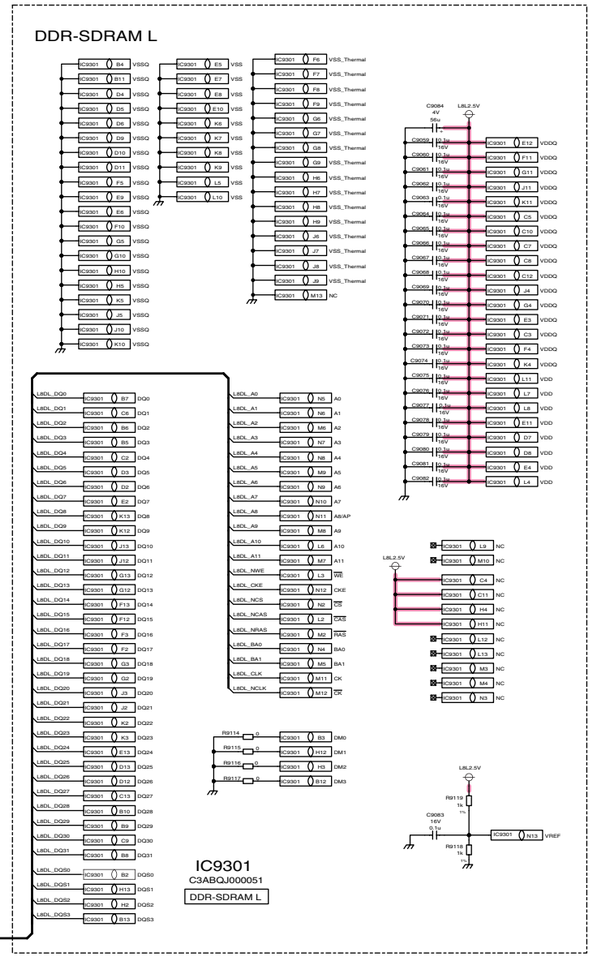
IC9300 MN84521A-A Left

FORMAT CONVERTER/RGB PROCESSOR<L>
PLASMA AI/SUB FIELD PROCESSOR/DATA DRIVER<L>

15.51. D-Board (8 of 8) Schematic Diagram





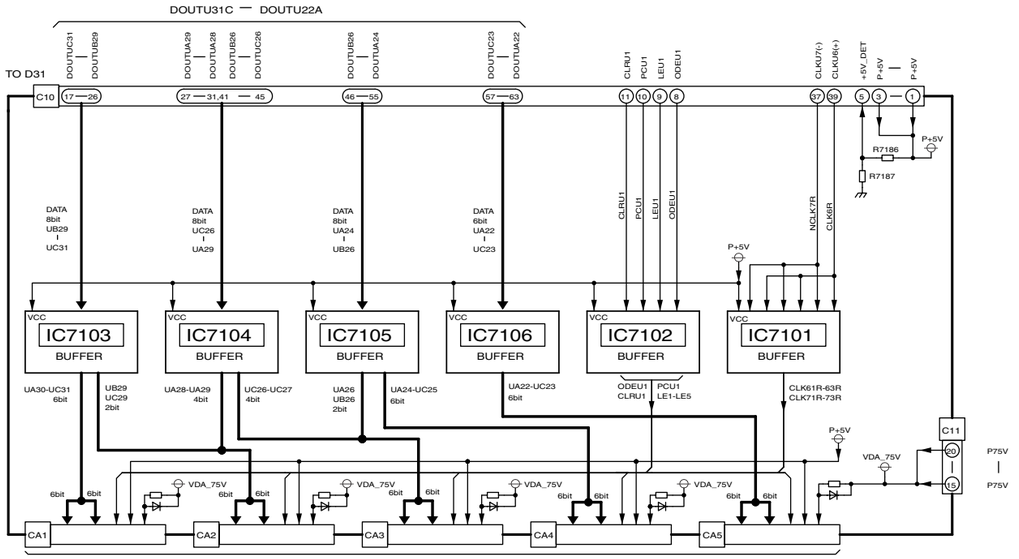


TH-65PV600A/M
D-Board (8 of 8) Schematic Diagram

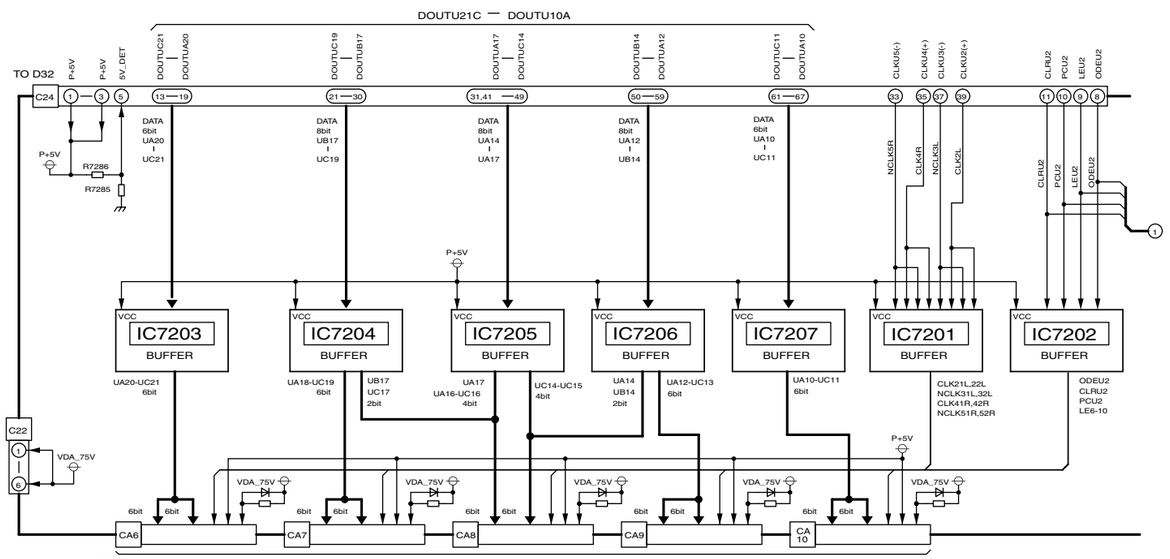
TH-65PV600A/M
D-Board (8 of 8) Schematic Diagram

64 65 66 67 68 69 70 71 72

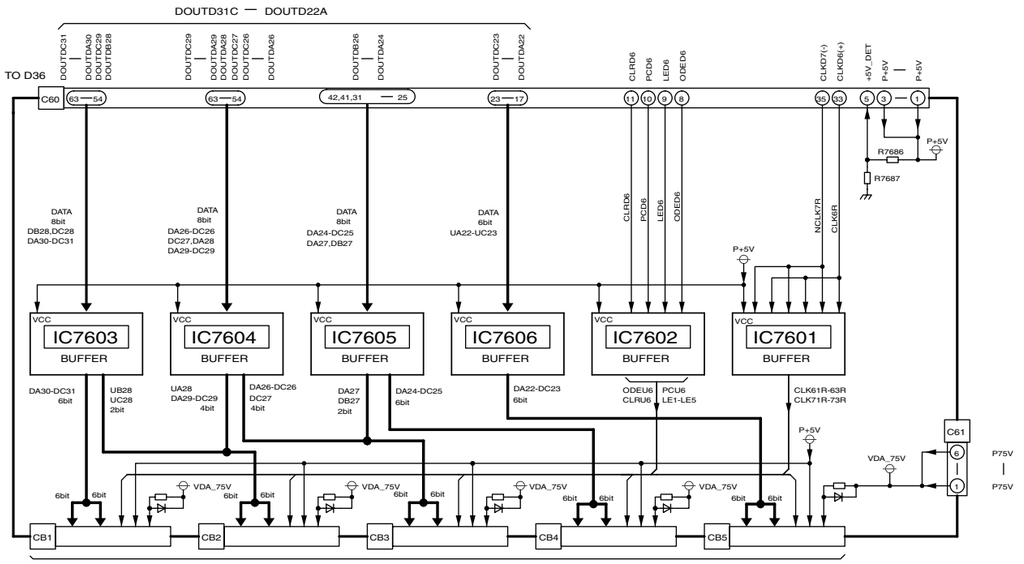
15.52. C1, C2, C5 and C6-Board Block Diagram



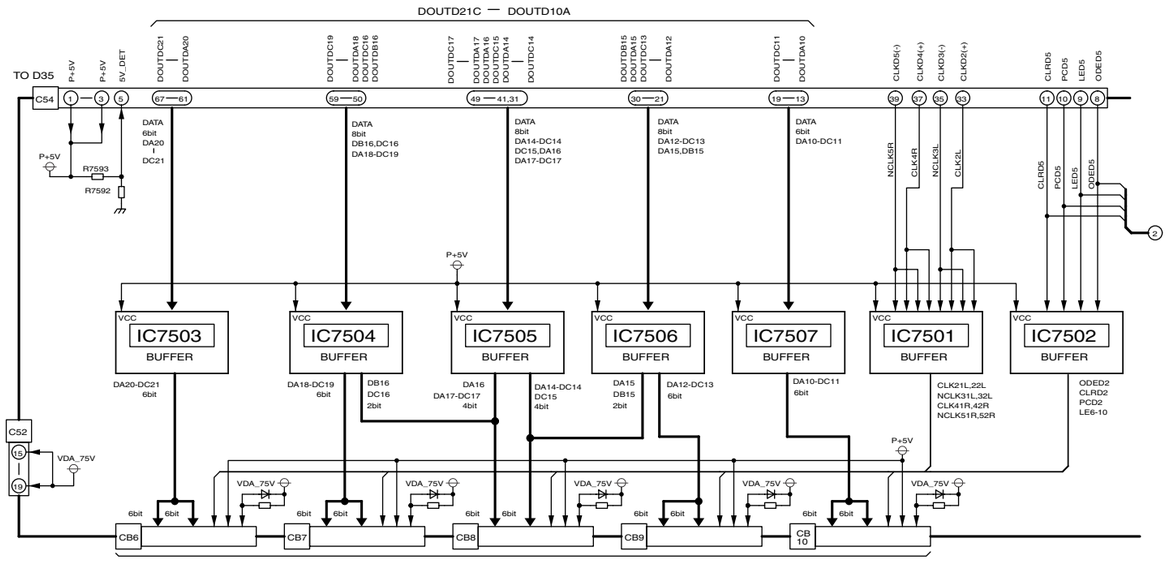
C1 DATA DRIVE
UPPER RIGHT (FRONT VIEW)



C2 DATA DRIVE
UPPER CENTER (FRONT VIEW)



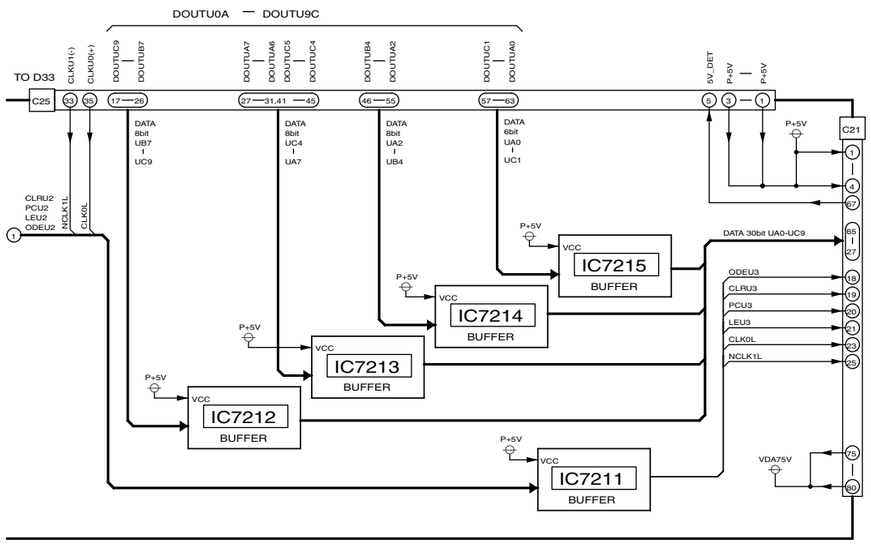
C6 DATA DRIVE
LOWER RIGHT (FRONT VIEW)



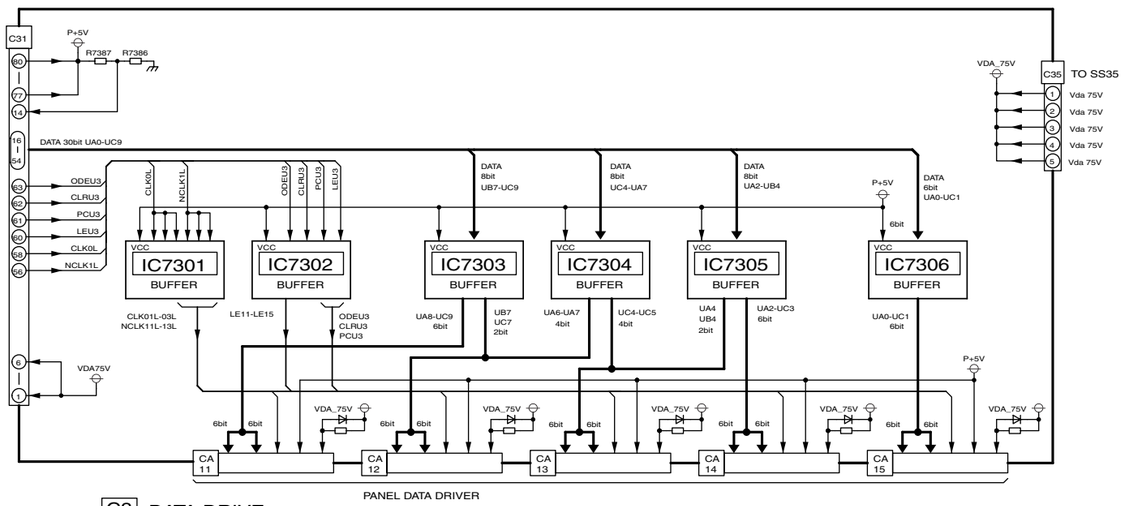
C5 DATA DRIVE
LOWER CENTER (FRONT VIEW)

TH-65PV600A/M
C1, C2, C5 and C6-Board Block Diagram

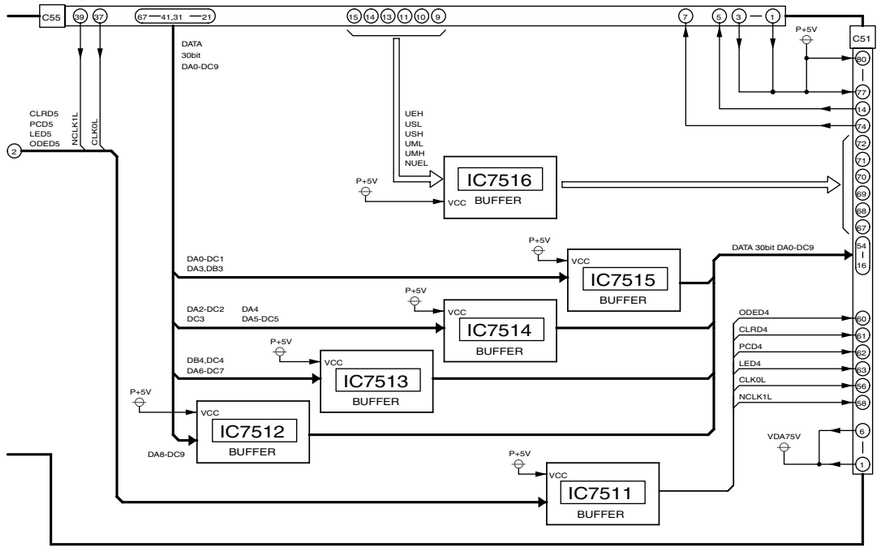
15.53. C2, C3, C4, and C5 Block Diagram



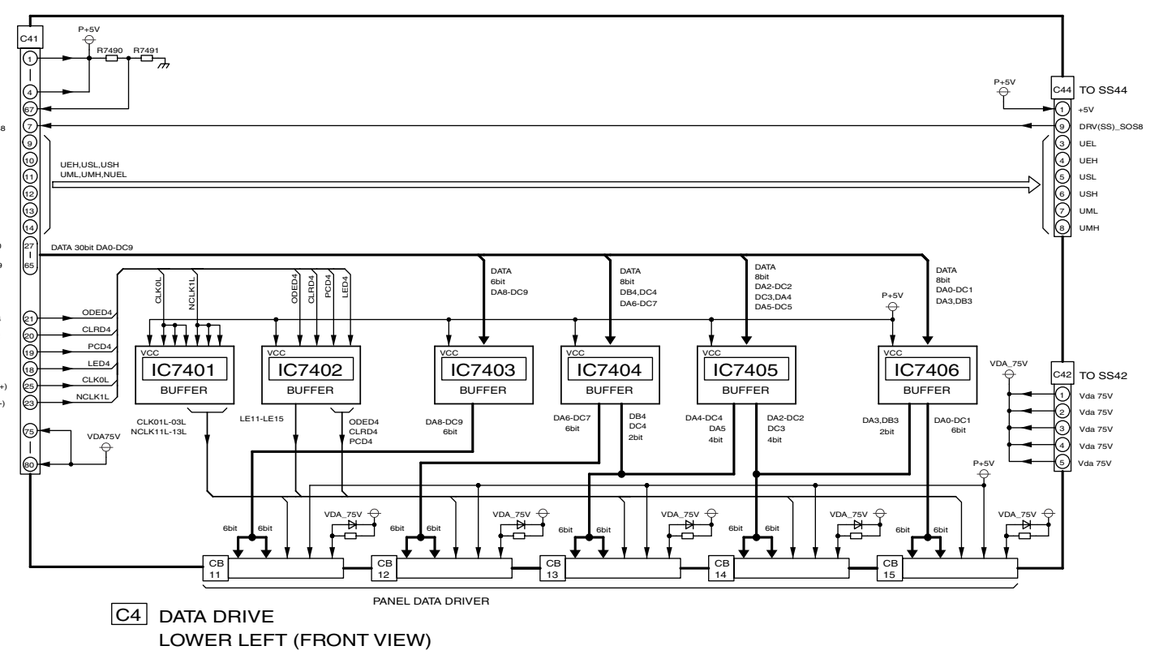
C2 DATA DRIVE
UPPER CENTER (FRONT VIEW)



C3 DATA DRIVE
UPPER LEFT (FRONT VIEW)



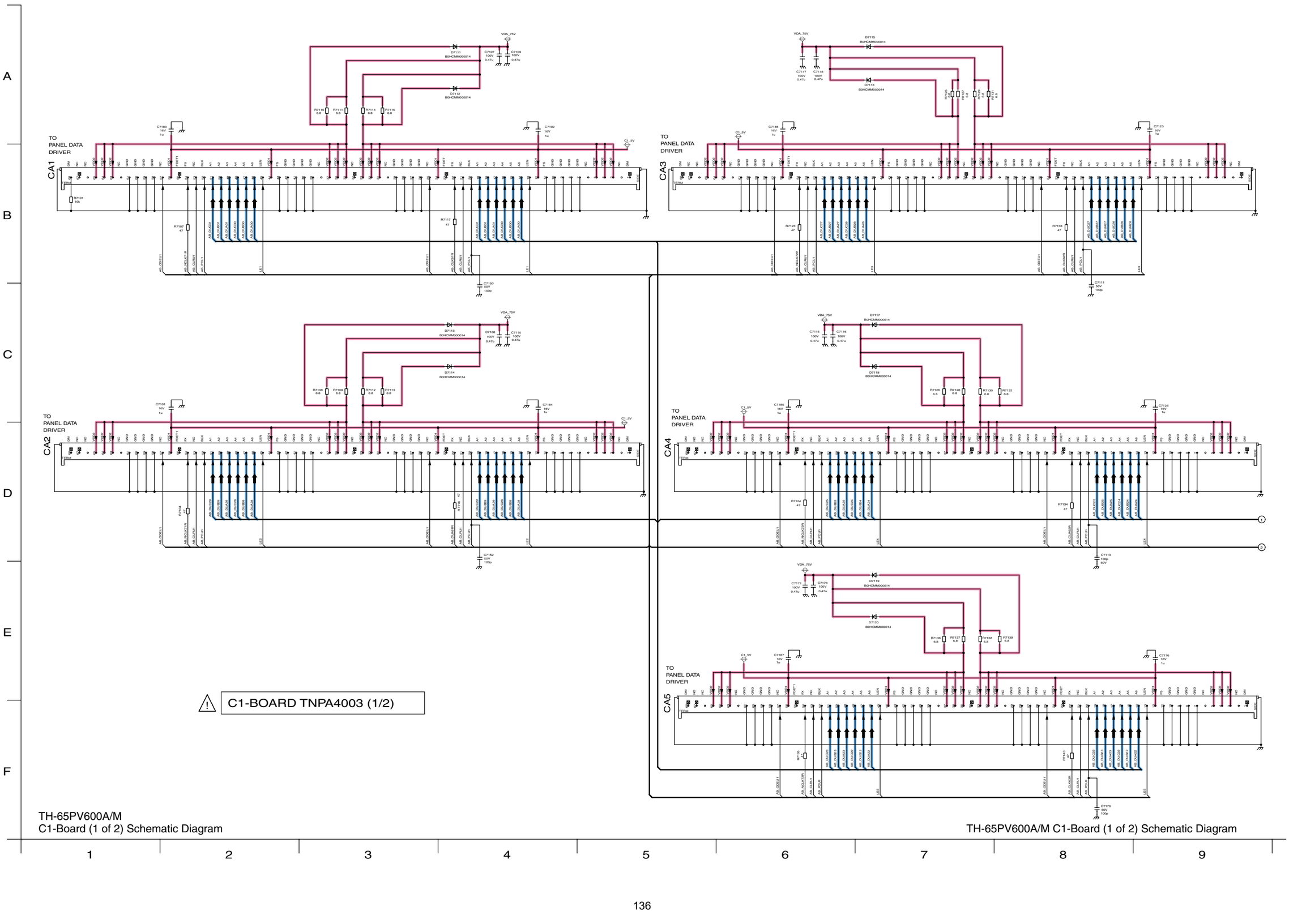
C5 DATA DRIVE
LOWER CENTER (FRONT VIEW)



C4 DATA DRIVE
LOWER LEFT (FRONT VIEW)

TH-65PV600A/M
C2, C3, C4 and C5-Board Block Diagram

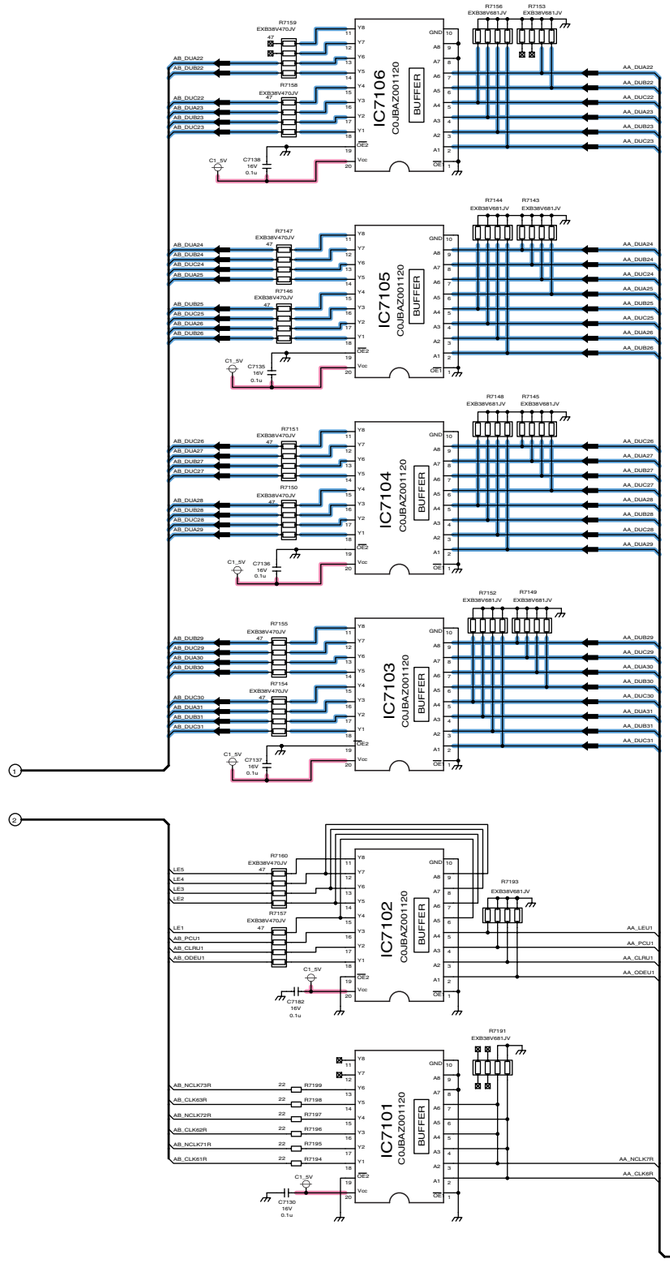
15.54. C1-Board (1 of 2) Schematic Diagram



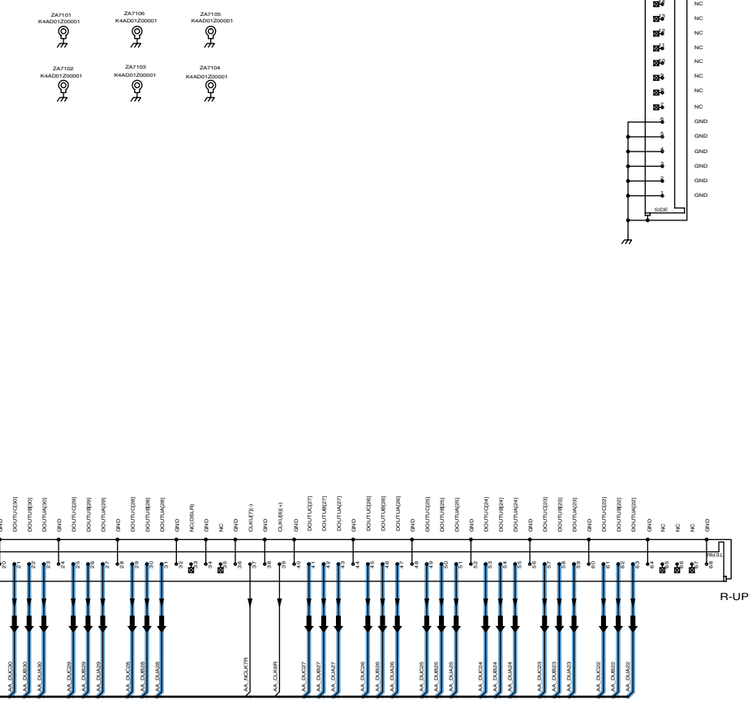
TH-65PV600A/M
C1-Board (1 of 2) Schematic Diagram

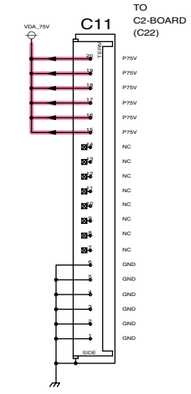
TH-65PV600A/M C1-Board (1 of 2) Schematic Diagram

15.55. C1-Board (2 of 2) Schematic Diagram



⚠ C1-BOARD TNPA4003 (2/2)



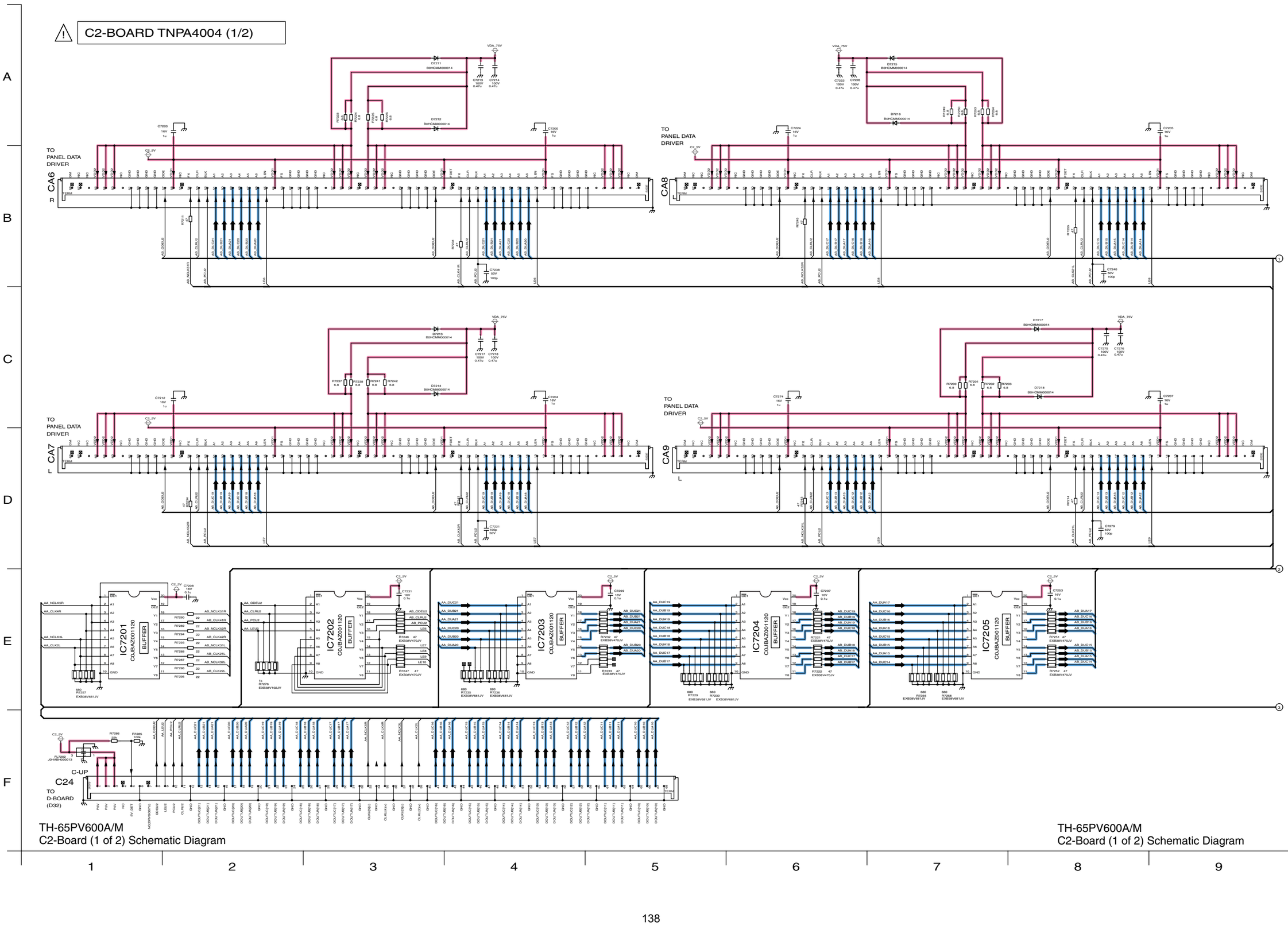


TH-65PV600A/M
C1-Board (2 of 2) Schematic Diagram

TH-65PV600A/M
C1-Board (2 of 2) Schematic Diagram

10 11 12 13 14 15 16 17 18

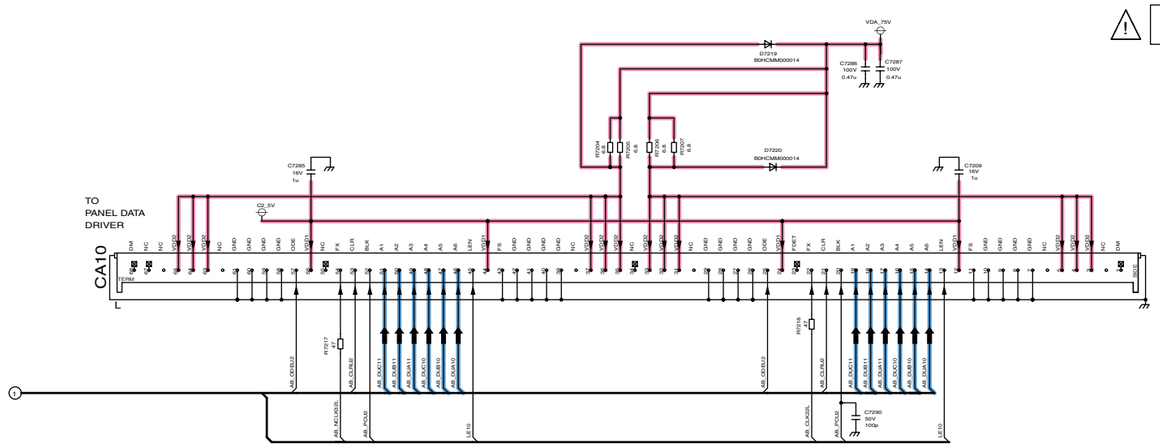
15.56. C2-Board (1 of 2) Schematic Diagram

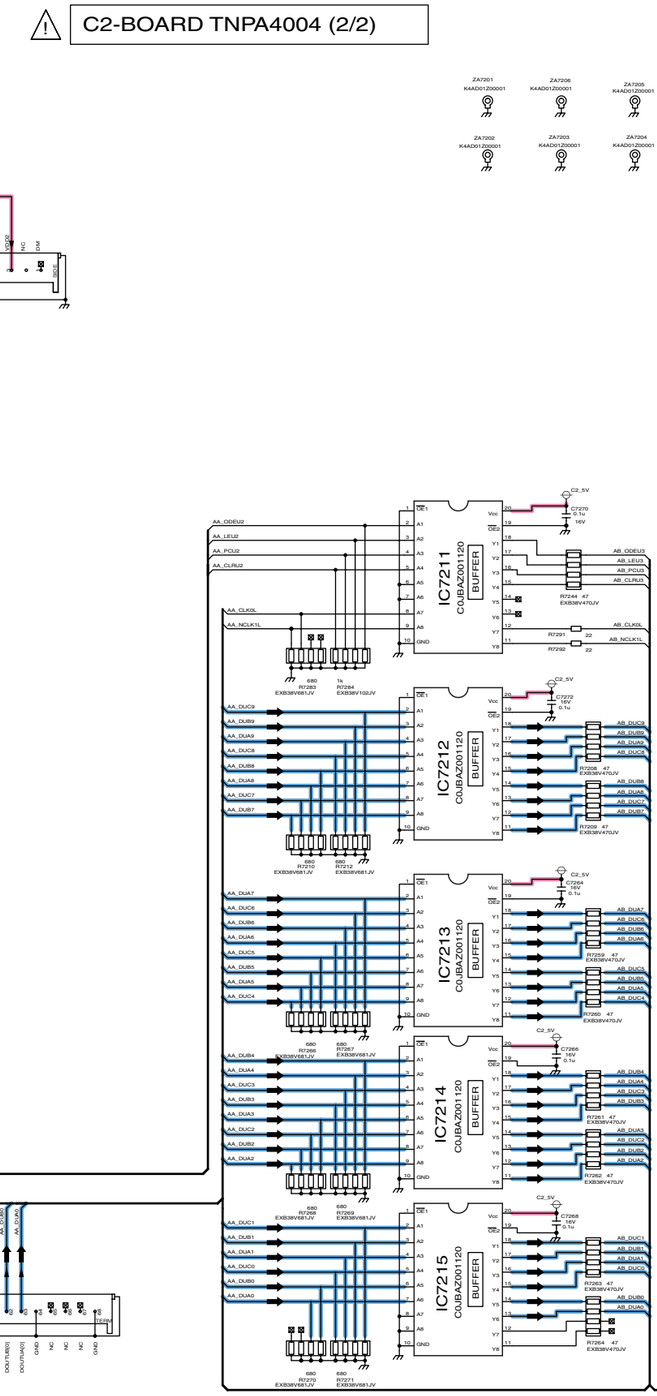


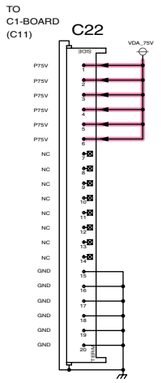
TH-65PV600A/M
C2-Board (1 of 2) Schematic Diagram

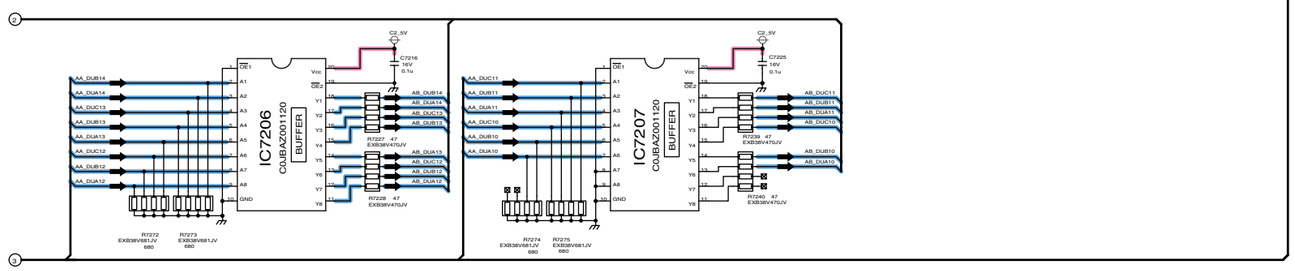
TH-65PV600A/M
C2-Board (1 of 2) Schematic Diagram

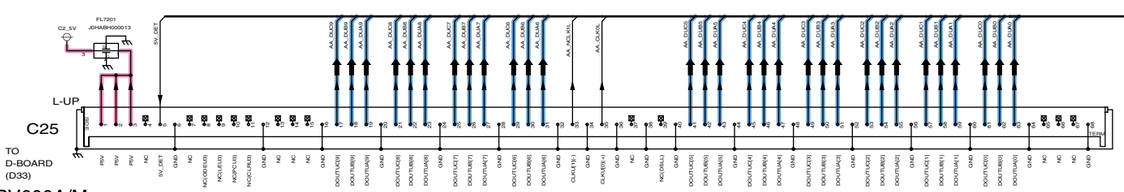
15.57. C2-Board (2 of 2) Schematic Diagram

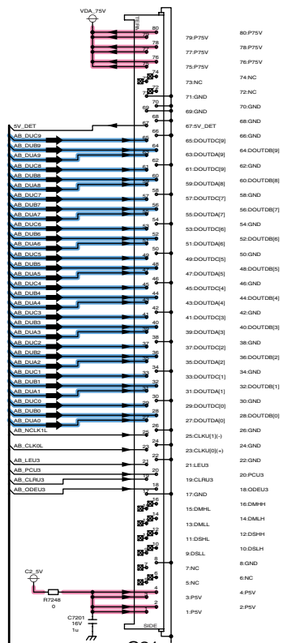










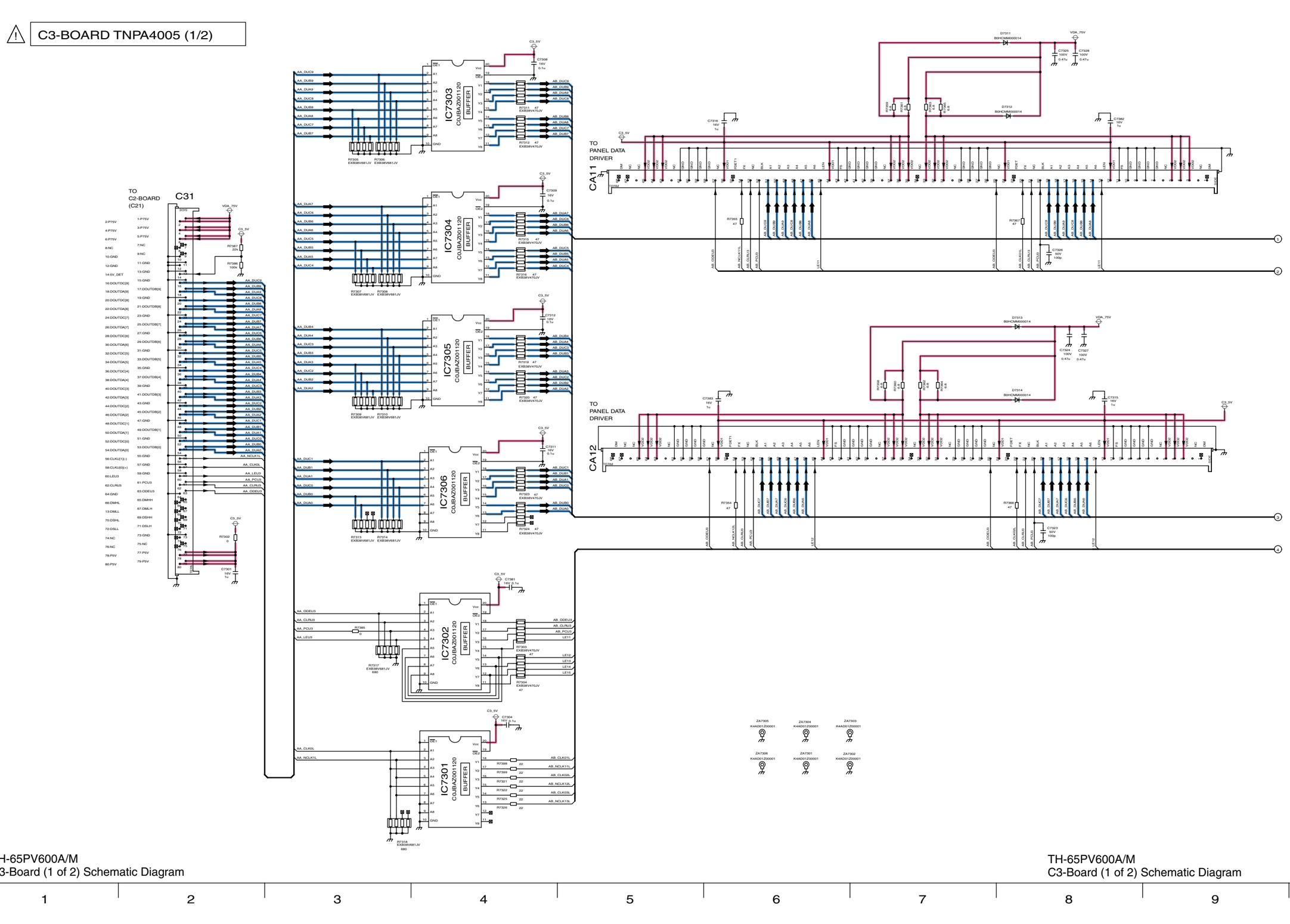


TH-65PV600A/M
C2-Board (2 of 2) Schematic Diagram

TH-65PV600A/M
C2-Board (2 of 2) Schematic Diagram

15.58. C3-Board (1 of 2) Schematic Diagram

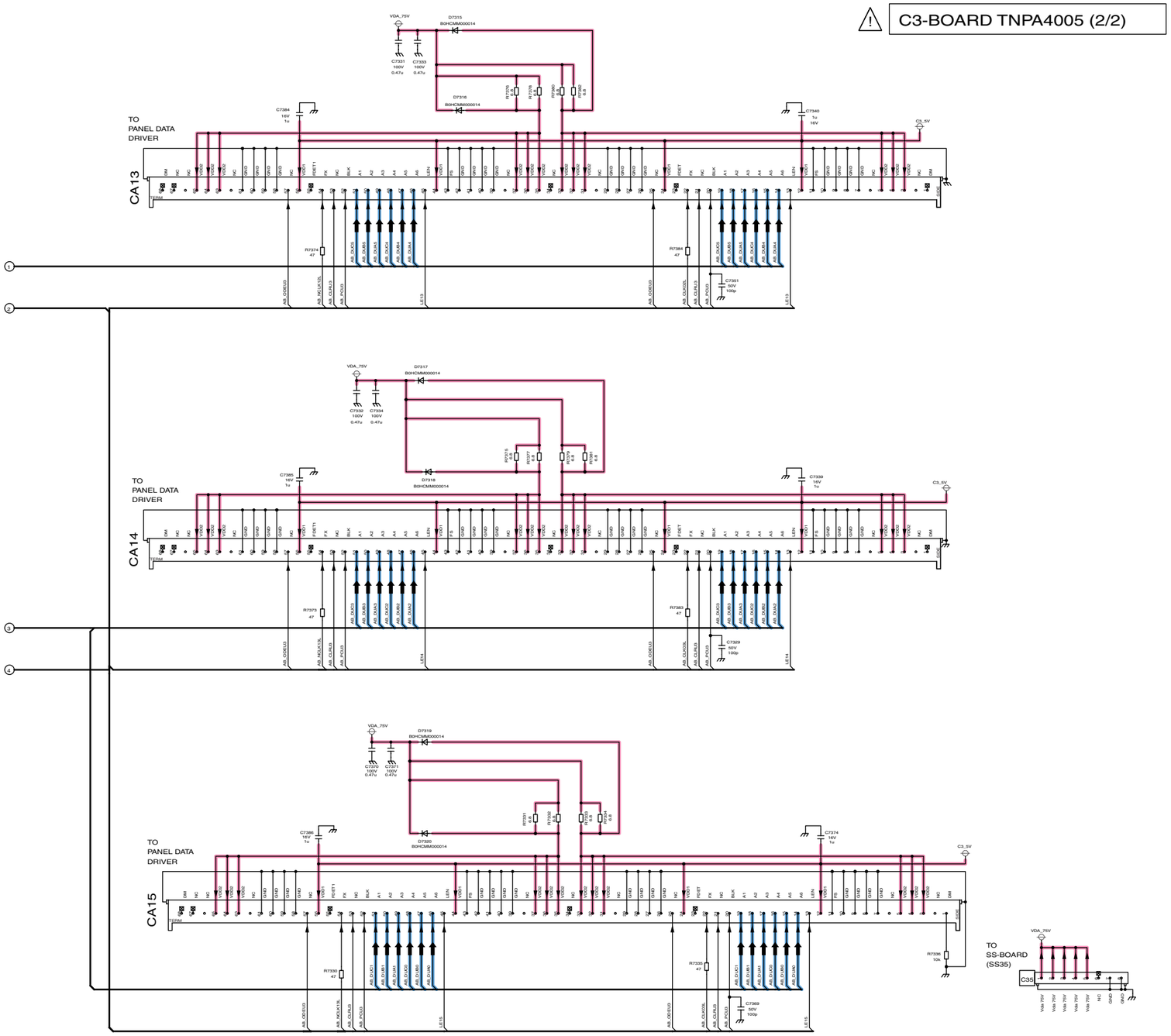
C3-BOARD TNPA4005 (1/2)



TH-65PV600A/M
C3-Board (1 of 2) Schematic Diagram

TH-65PV600A/M
C3-Board (1 of 2) Schematic Diagram

15.59. C3-Board (2 of 2) Schematic Diagram

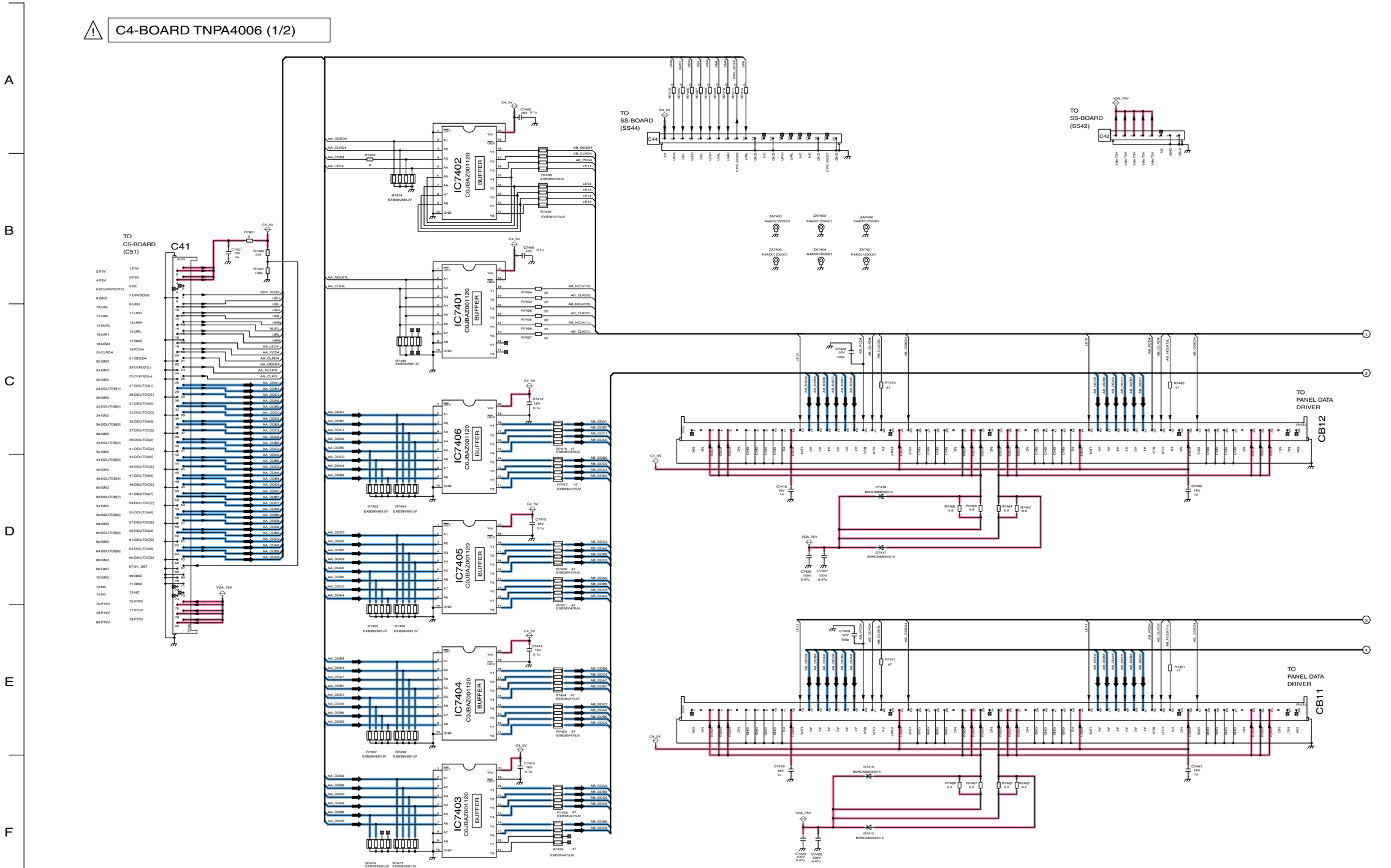


TH-65PV600A/M
C3-Board (2 of 2) Schematic Diagram

TH-65PV600A/M
C3-Board (2 of 2) Schematic Diagram

10 11 12 13 14 15 16 17 18

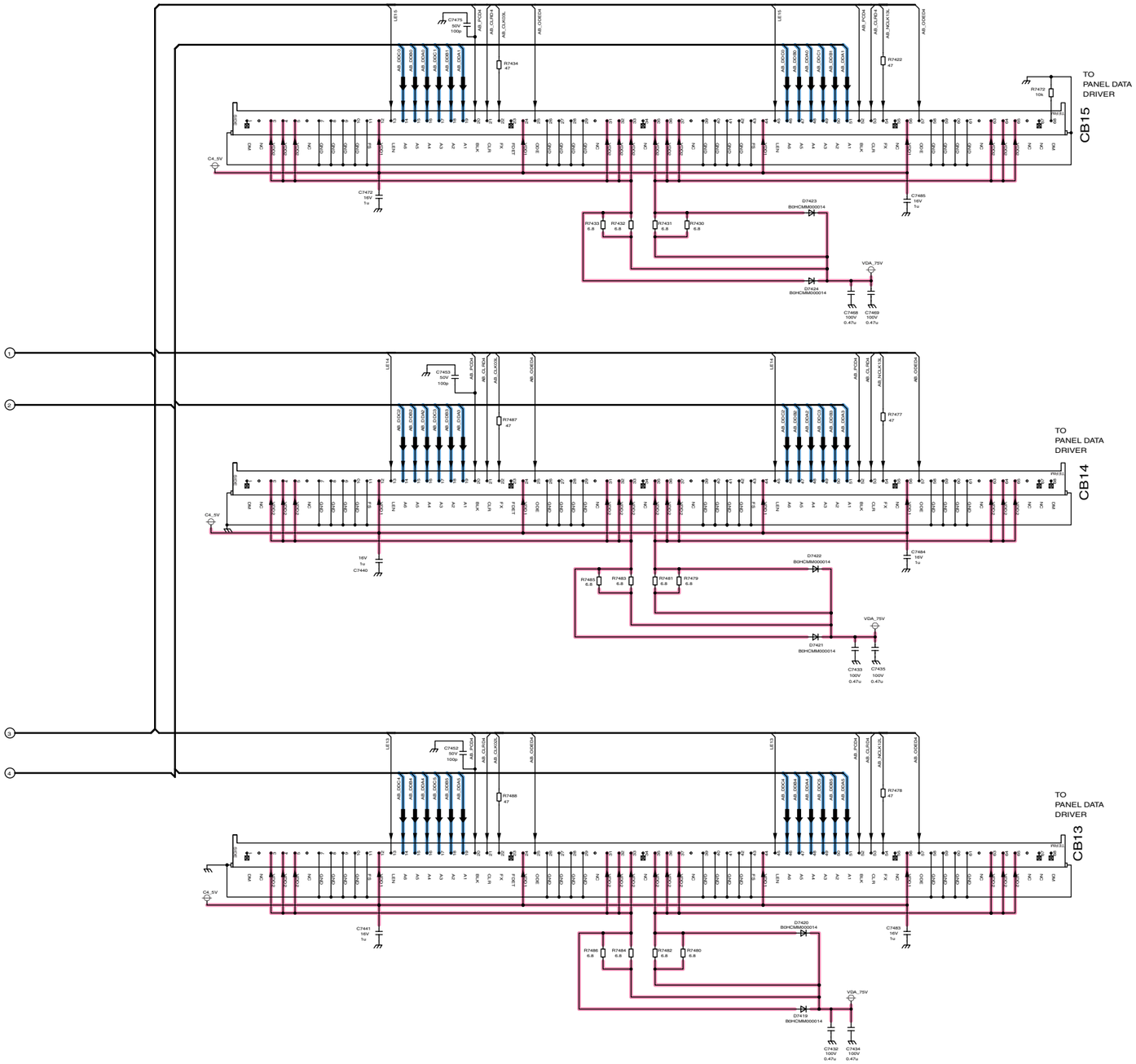
15.60. C4-Board (1 of 2) Schematic Diagram



TH-65PV600A/M
C4-Board (1 of 2) Schematic Diagram

TH-65PV600A/M
C4-Board (1 of 2) Schematic Diagram

15.61. C4-Board (2 of 2) Schematic Diagram

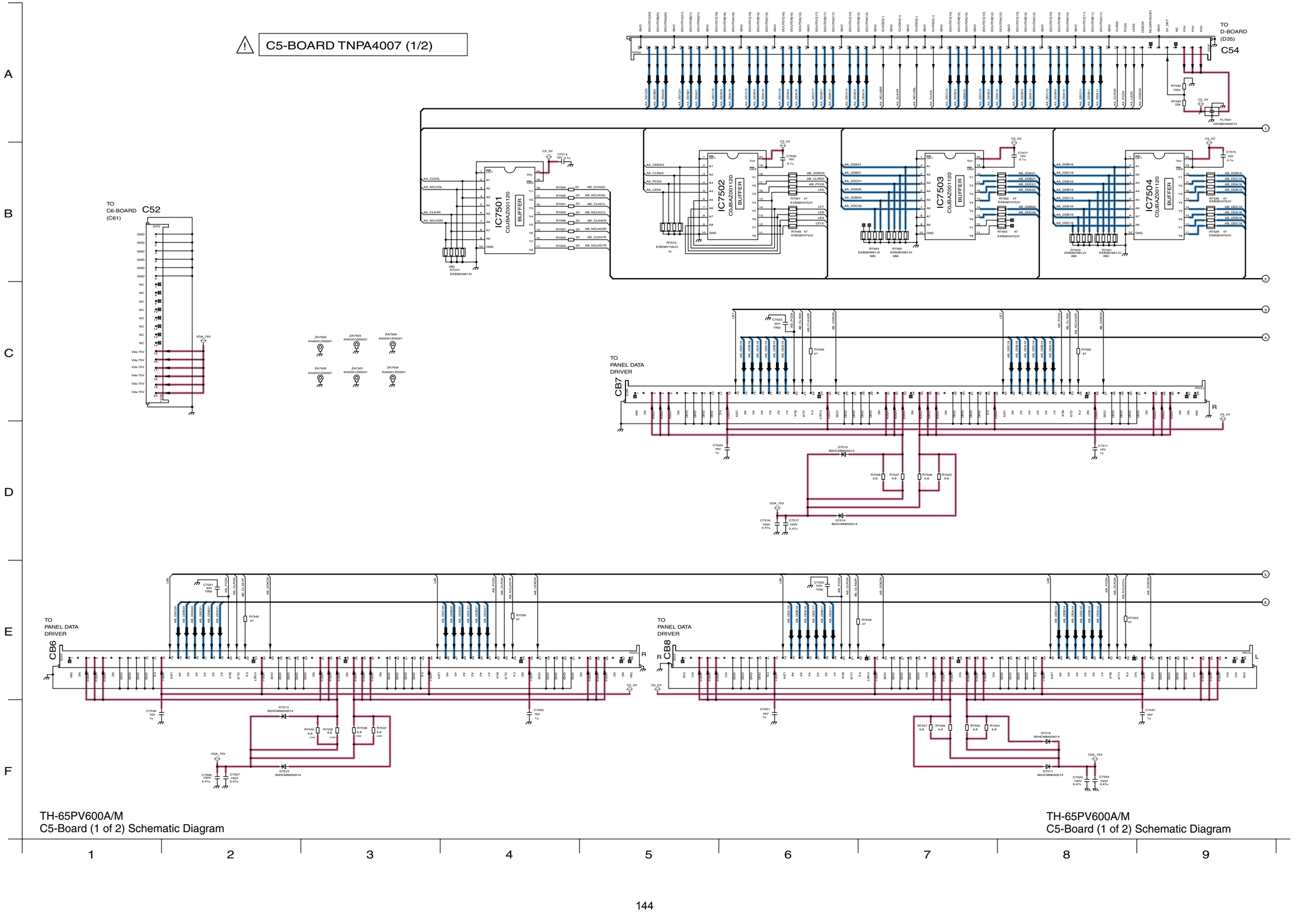


TH-65PV600A/M
C4-Board (2 of 2) Schematic Diagram

TH-65PV600A/M
C4-Board (2 of 2) Schematic Diagram

10 11 12 13 14 15 16 17 18

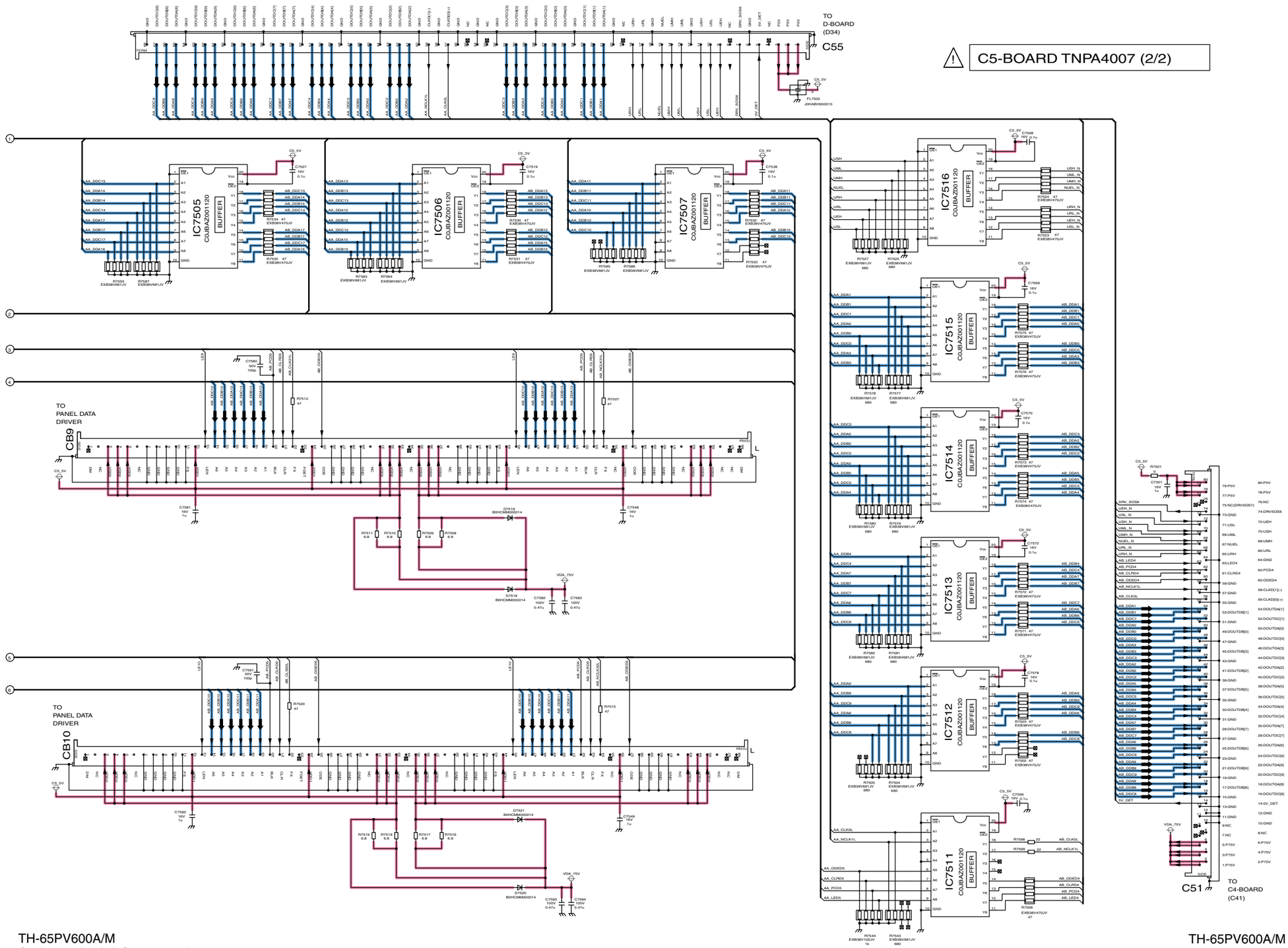
15.62. C5-Board (1 of 2) Schematic Diagram



TH-65PV600A/M
C5-Board (1 of 2) Schematic Diagram

TH-65PV600A/M
C5-Board (1 of 2) Schematic Diagram

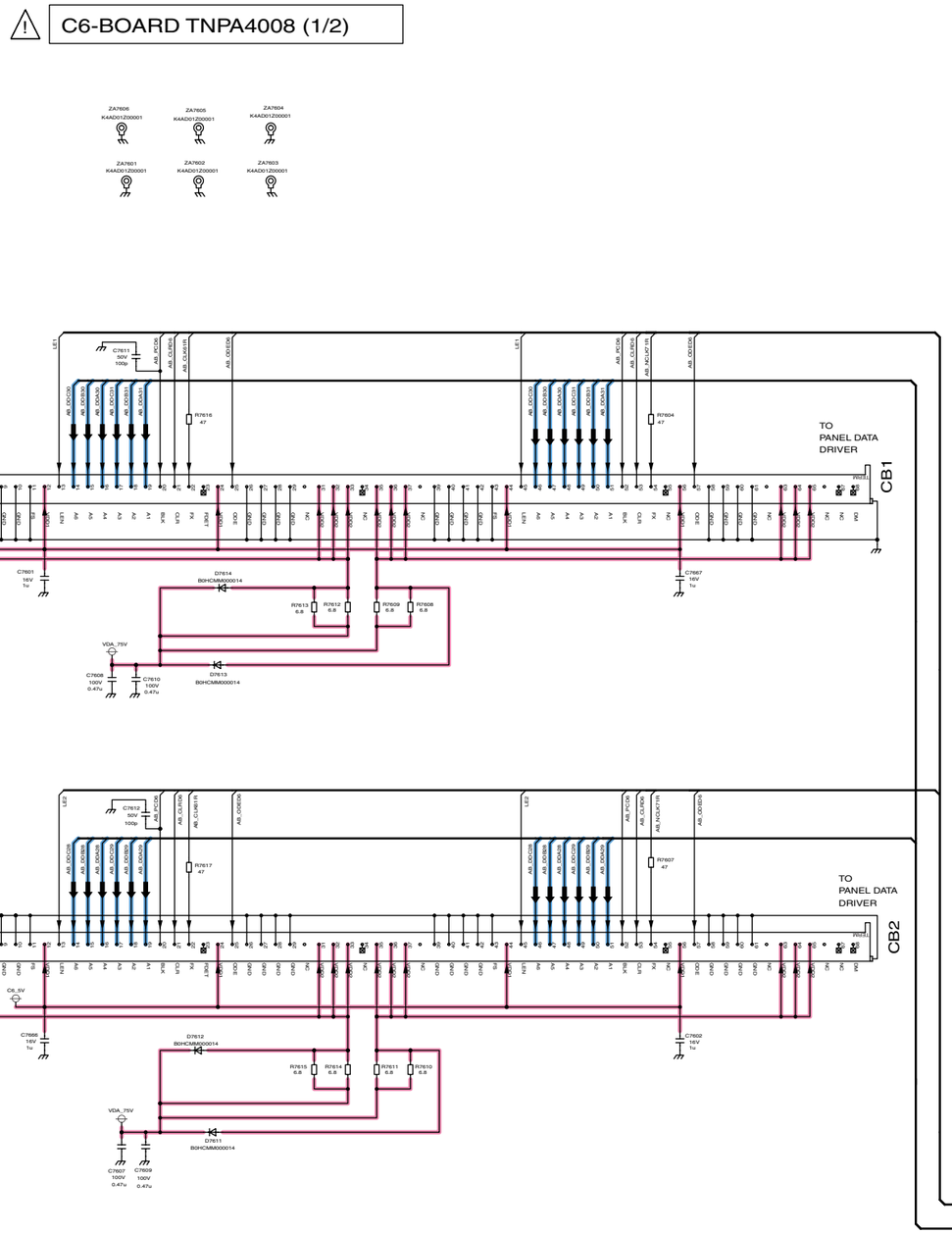
15.63. C5-Board (2 of 2) Schematic Diagram



TH-65PV600A/M
C5-Board (2 of 2) Schematic Diagram

TH-65PV600A/M
C5-Board (2 of 2) Schematic Diagram

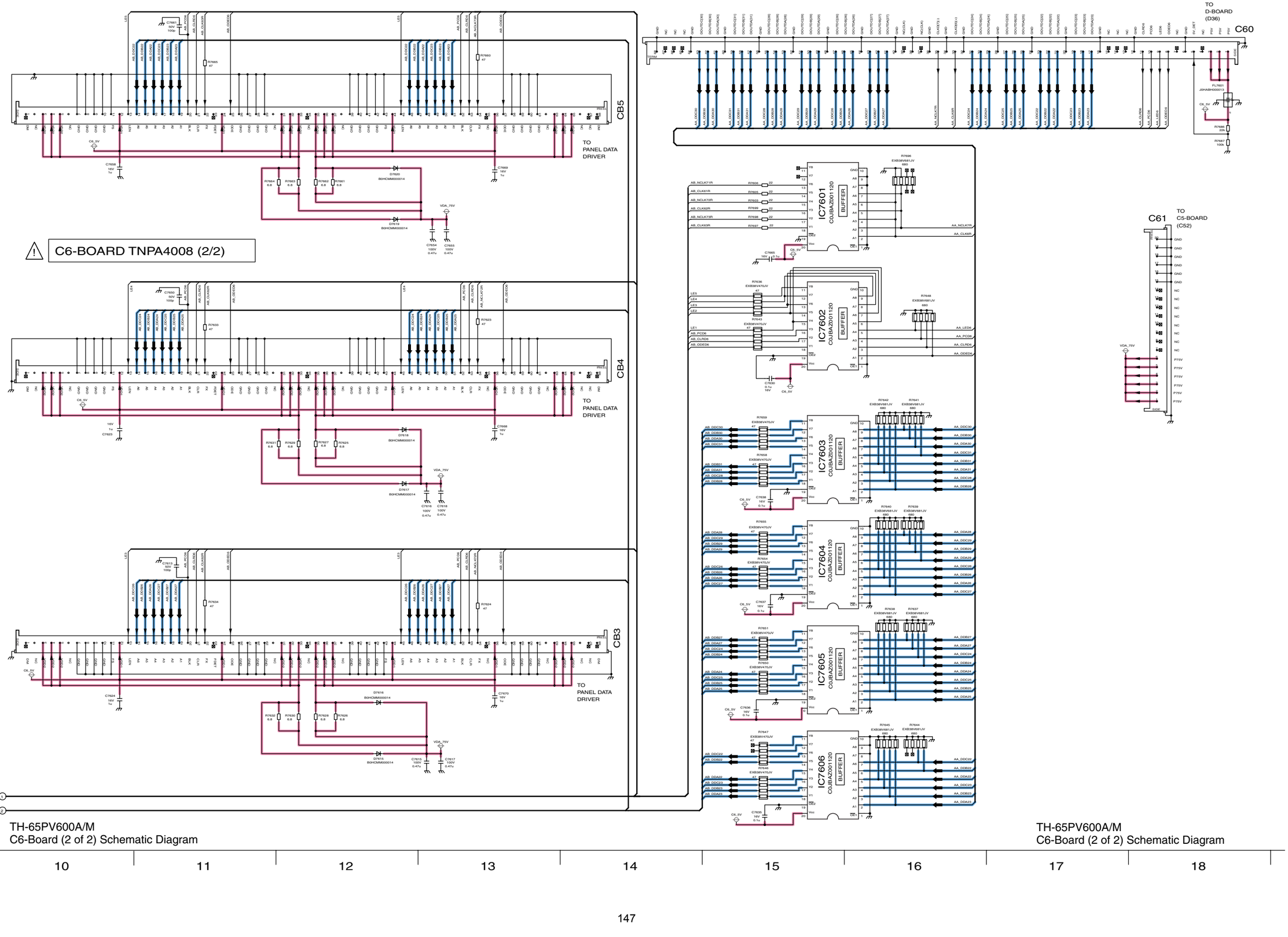
15.64. C6-Board (1 of 2) Schematic Diagram



TH-65PV600A/M
C6-Board (1 of 2) Schematic Diagram

TH-65PV600A/M
C6-Board (1 of 2) Schematic Diagram

15.65. C6-Board (2 of 2) Schematic Diagram

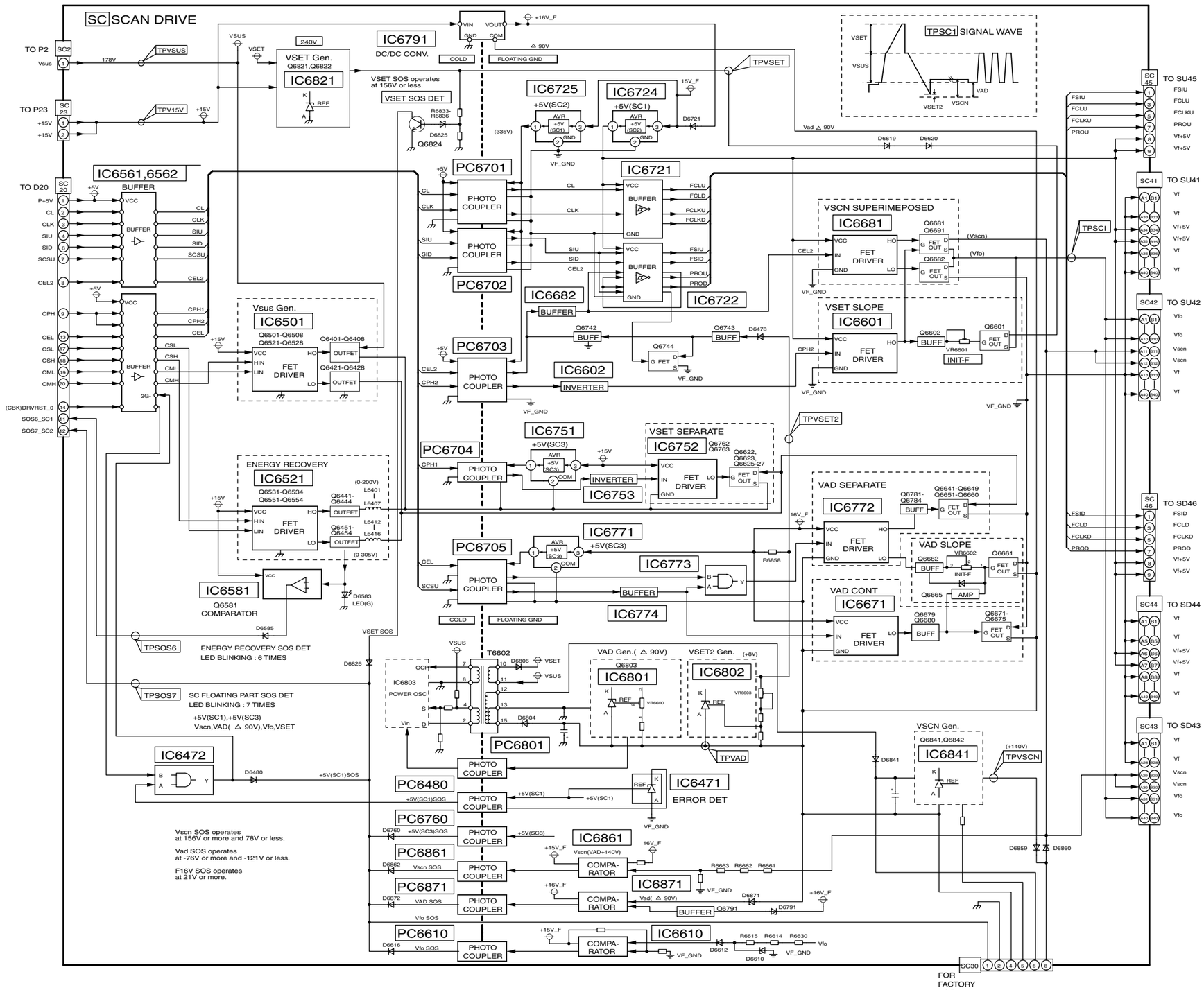


TH-65PV600A/M
C6-Board (2 of 2) Schematic Diagram

TH-65PV600A/M
C6-Board (2 of 2) Schematic Diagram

10 11 12 13 14 15 16 17 18

15.66. SC-Board Block Diagram

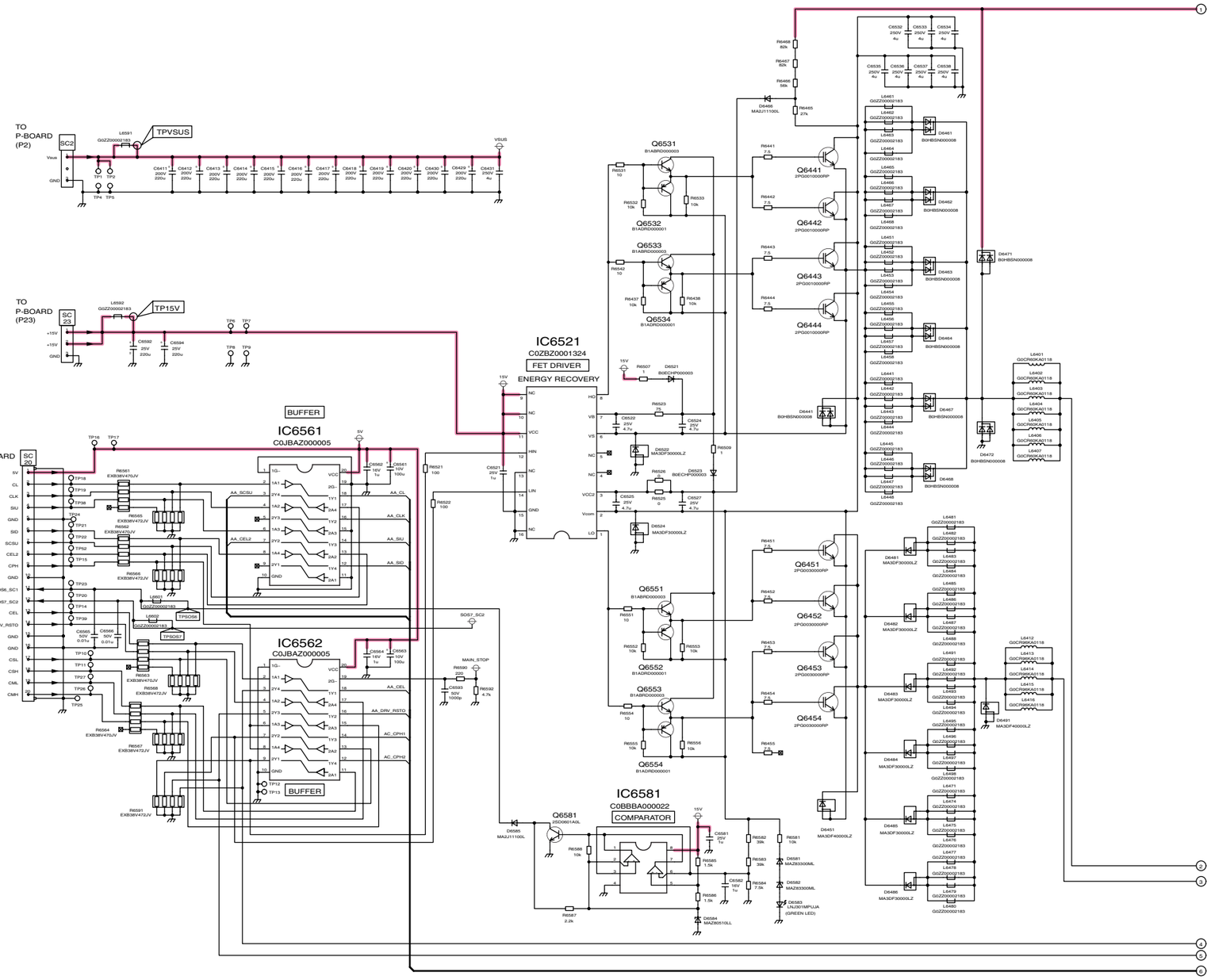


TH-65PV600A/M
SC-Board Block Diagram

TH-65PV600A/M
SC-Board Block Diagram

15.67. SC-Board (1 of 4) Schematic Diagram

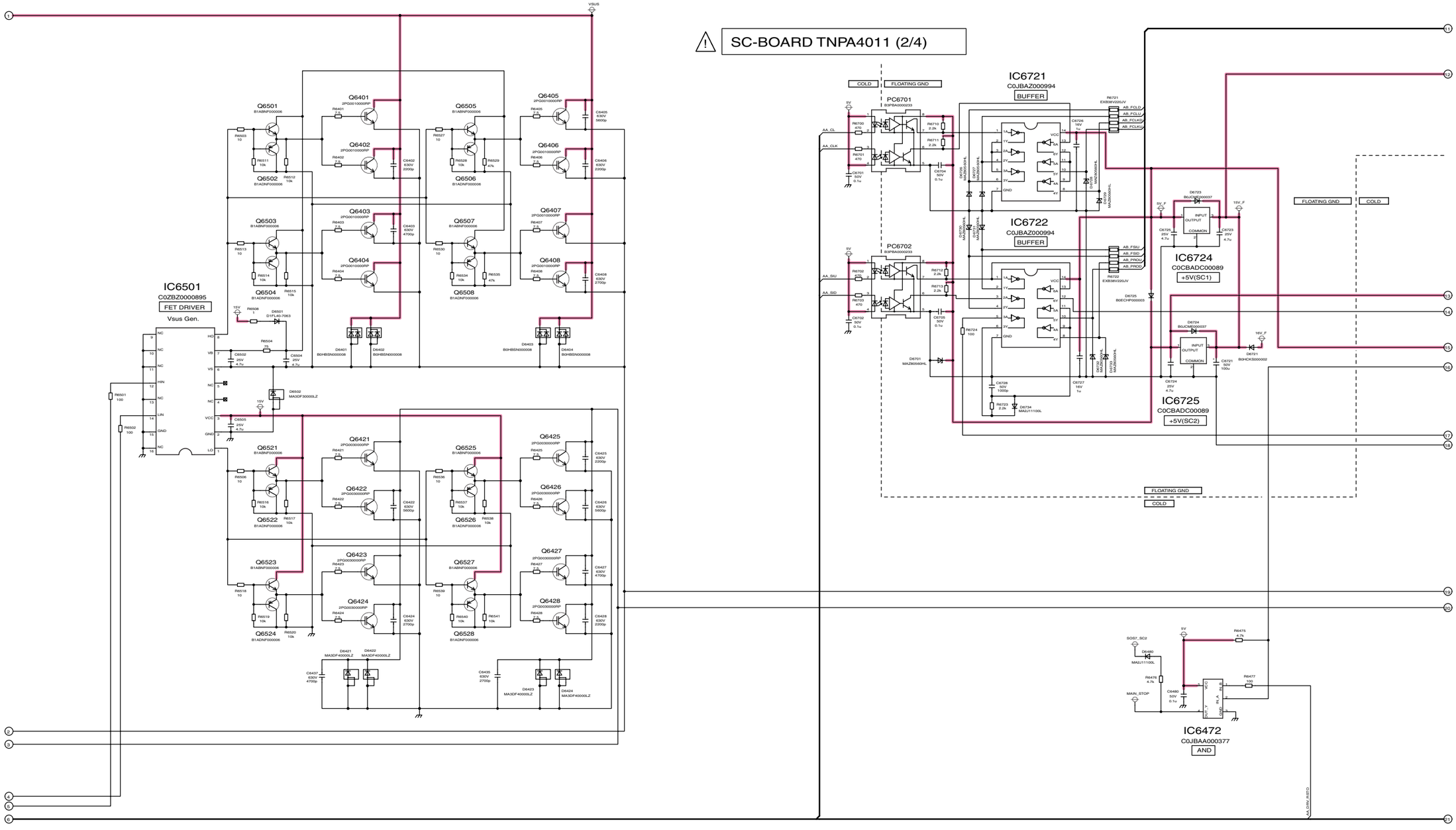
⚠ SC-BOARD TNPA4011 (1/4)



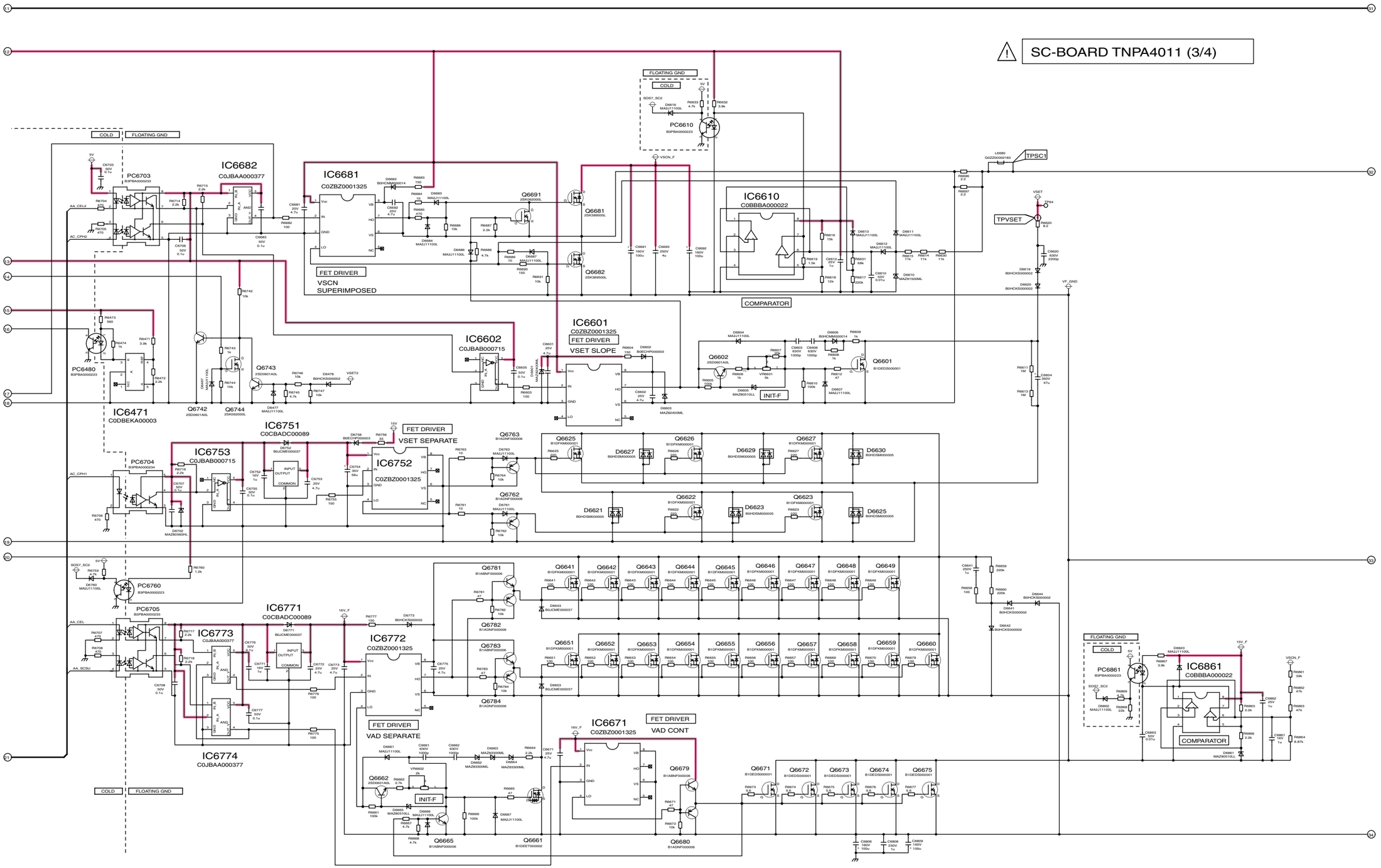
TH-65PV600A/M
SC-Board (1 of 4) Schematic Diagram

TH-65PV600A/M
SC-Board (1 of 4) Schematic Diagram

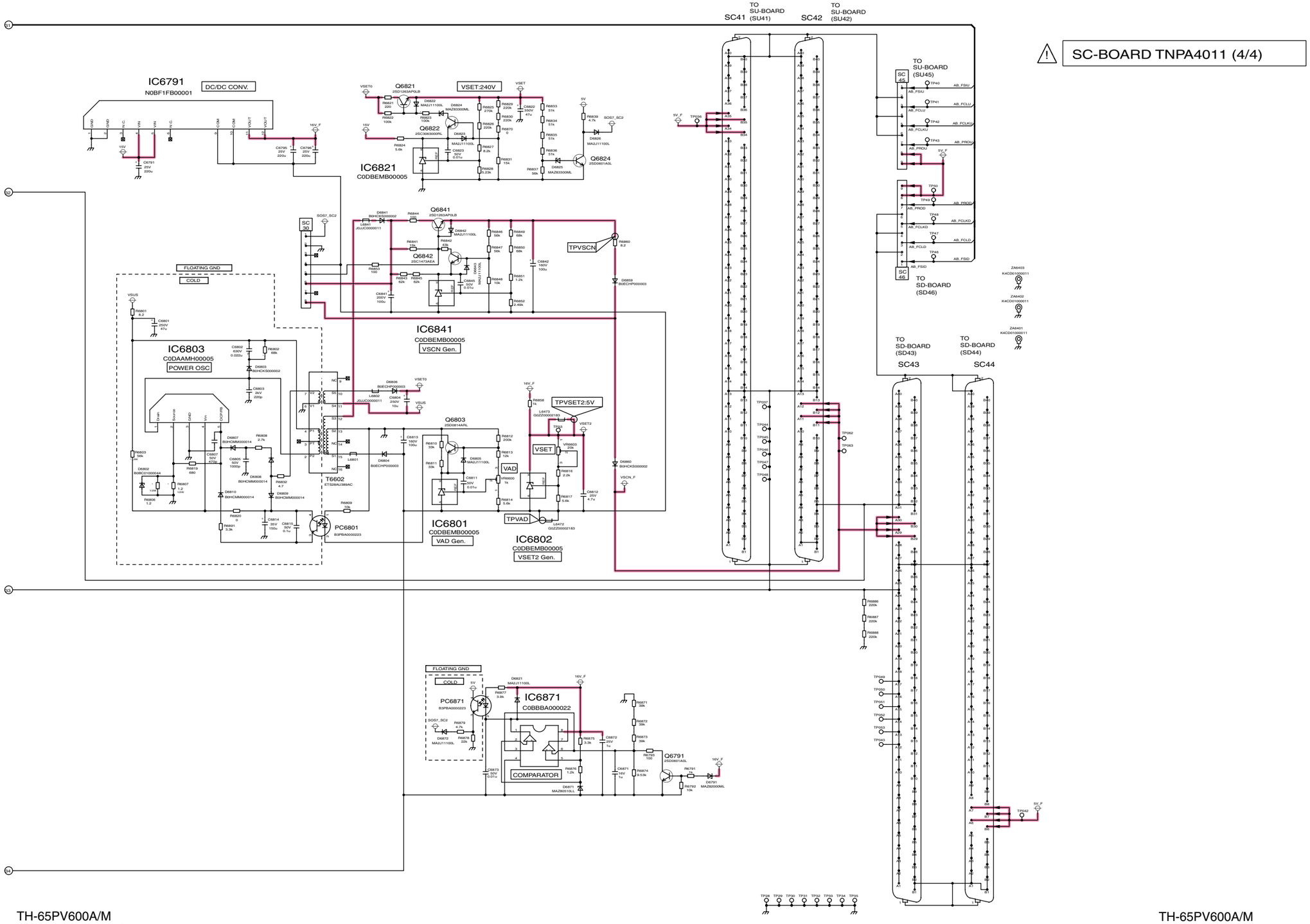
15.68. SC-Board (2 of 4) Schematic Diagram



15.69. SC-Board (3 of 4) Schematic Diagram


SC-BOARD TNPA4011 (3/4)
IC6682
C0JBAA000377
IC6681
C0ZBZ0001325
FET DRIVER
VSCN
SUPERIMPOSED
IC6610
C0BBBA000022
COMPARATOR
IC6601
C0ZBZ0001325
FET DRIVER
VSET SLOPE
IC6602
C0JBAB000715
IC6471
C0DBEKA00003
IC6751
C0CBADC00089
IC6753
C0JBAB000715
FET DRIVER
VSET SEPARATE
IC6752
C0ZBZ0001325
IC6771
C0CBADC00089
IC6773
C0JBAA000377
IC6772
C0ZBZ0001325
FET DRIVER
VAD SEPARATE
IC6774
C0JBAA000377
IC6671
C0ZBZ0001325
FET DRIVER
VAD CONT
IC6861
C0BBBA000022
COMPARATOR
INIT-F
FLOATING GND
COLD
TPSC1
TPVSET
VF_GND
VSCN_F
PC6610
PC6703
PC6704
PC6705
PC6760
PC6480
PC6861
Q6601
Q6602
Q6742
Q6743
Q6744
Q6761
Q6762
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Q6674
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D6719

15.70. SC-Board (4 of 4) Schematic Diagram

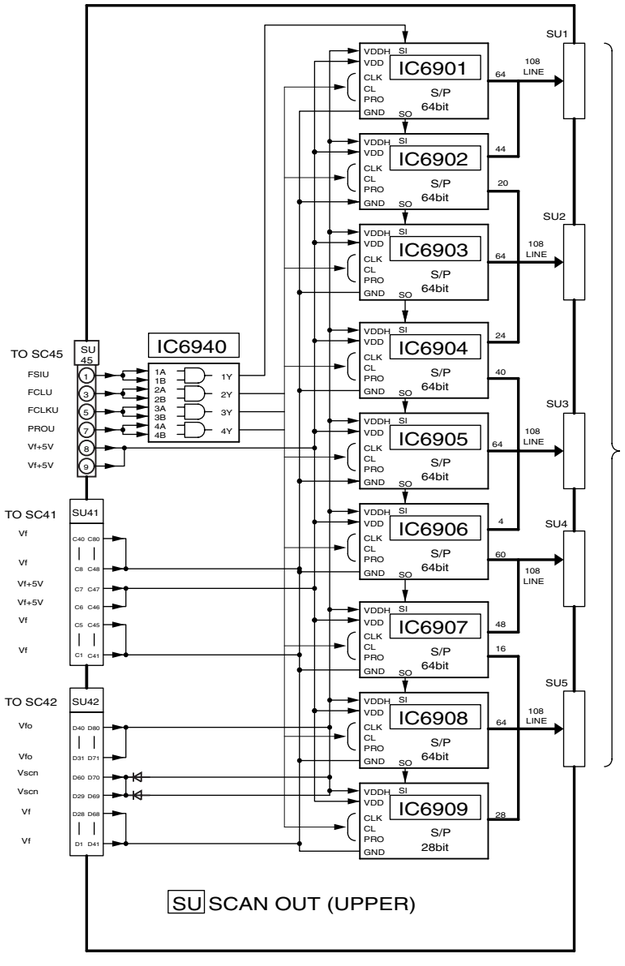


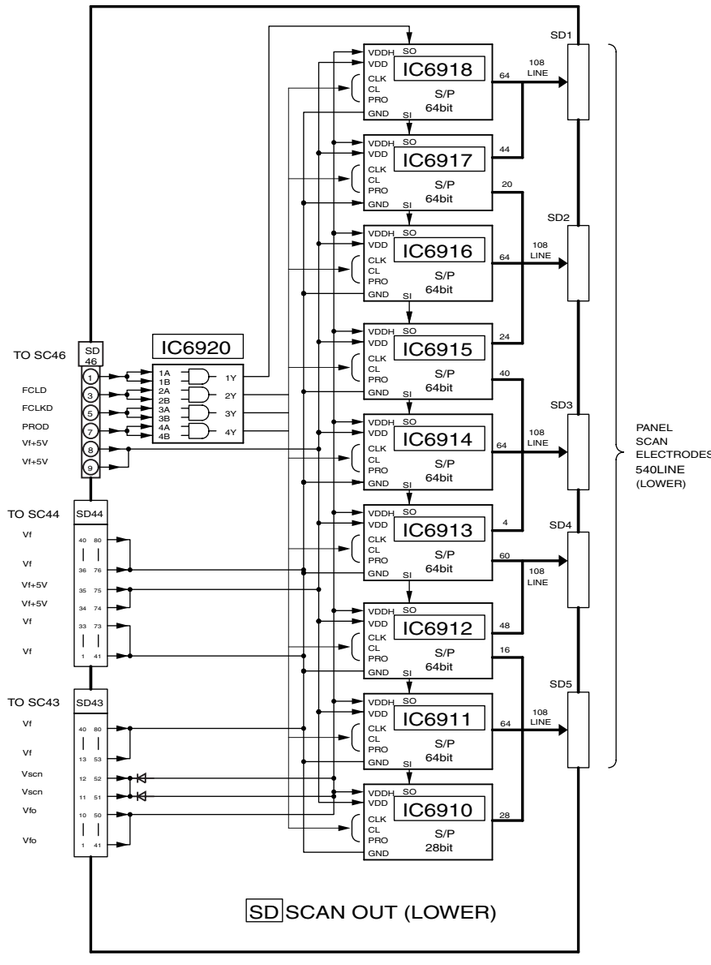
TH-65PV600A/M
SC-Board (4 of 4) Schematic Diagram

TH-65PV600A/M
SC-Board (4 of 4) Schematic Diagram

28 29 30 31 32 33 34 35 36

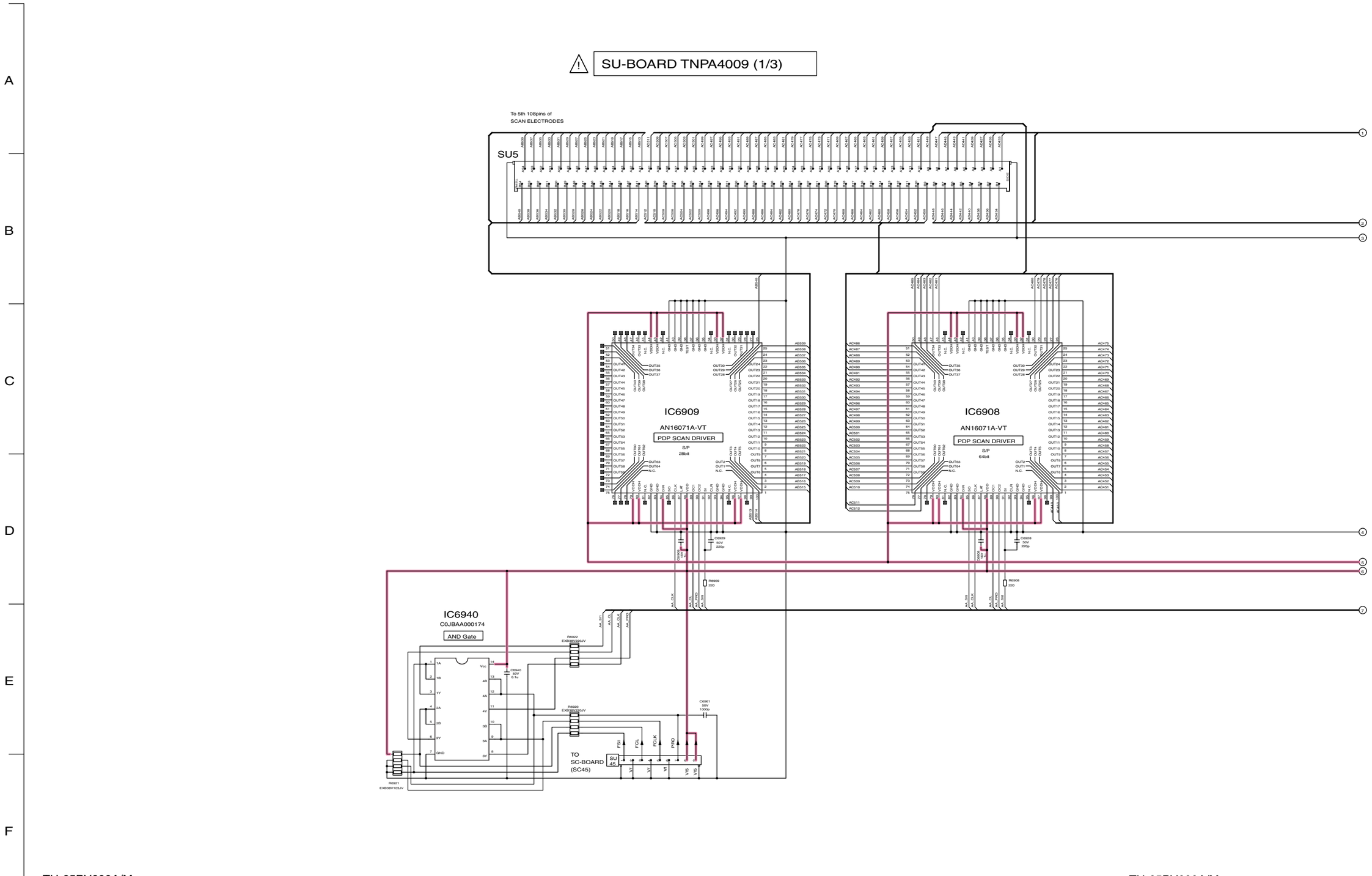
15.71. SU and SD-Board Block Diagram





TH-65PV600A/M
SU and SD-Board Block Diagram

15.72. SU-Board (1 of 3) Schematic Diagram

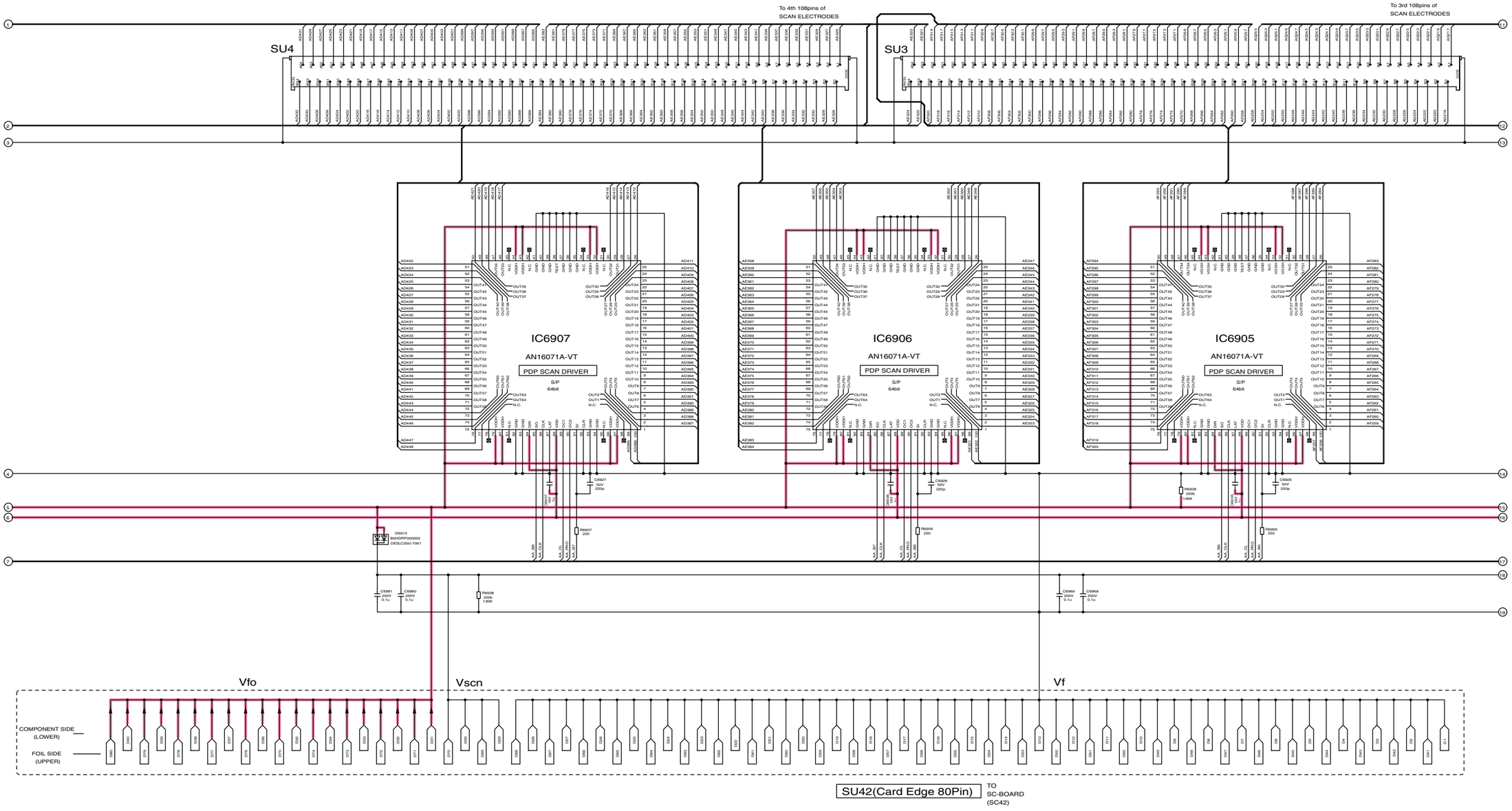


TH-65PV600A/M
SU-Board (1 of 3) Schematic Diagram

TH-65PV600A/M
SU-Board (1 of 3) Schematic Diagram

15.73. SU-Board (2 of 3) Schematic Diagram

⚠ SU-BOARD TNPA4009 (2/3)



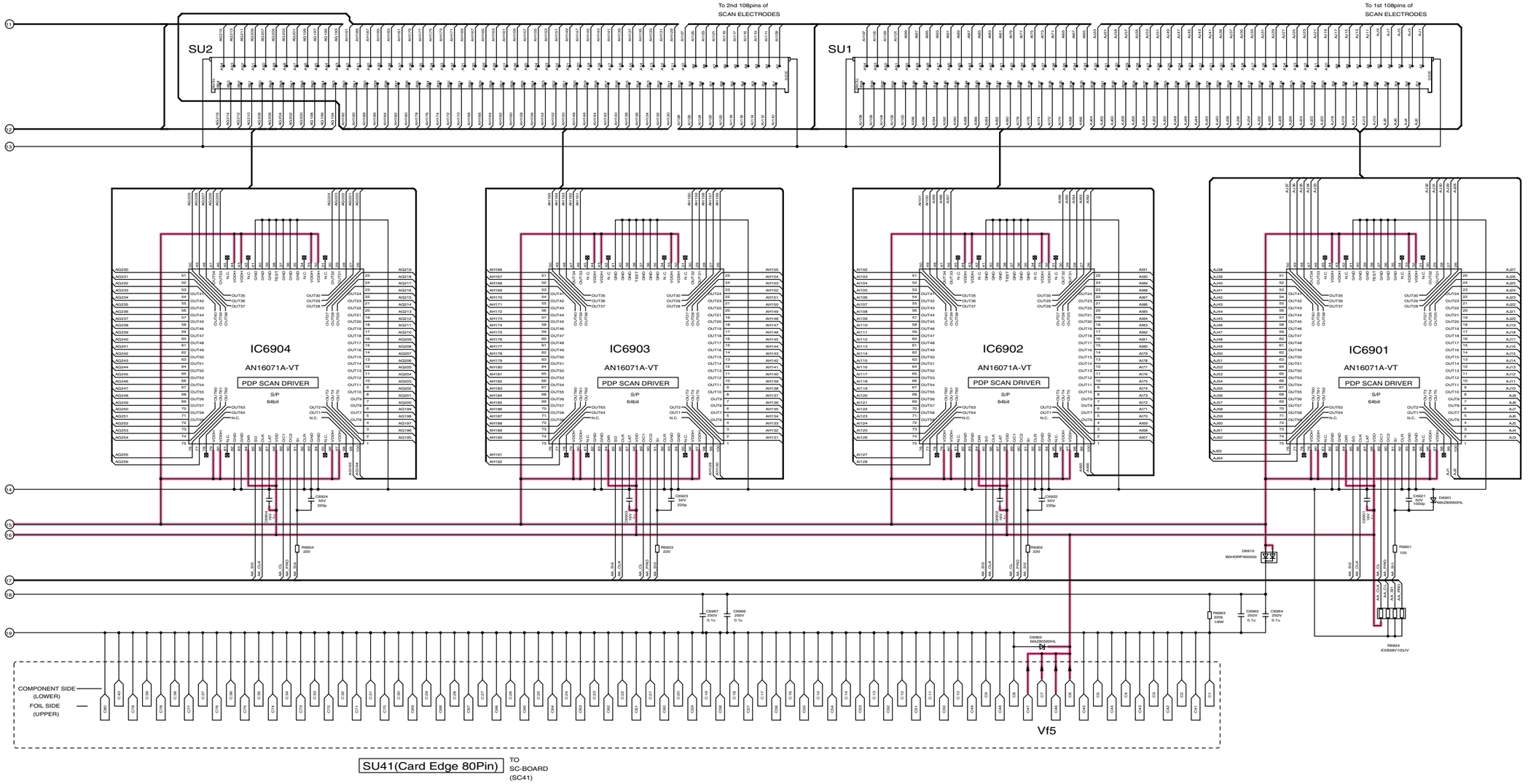
TH-65PV600A/M
SU-Board (2 of 3) Schematic Diagram

TH-65PV600A/M
SU-Board (2 of 3) Schematic Diagram

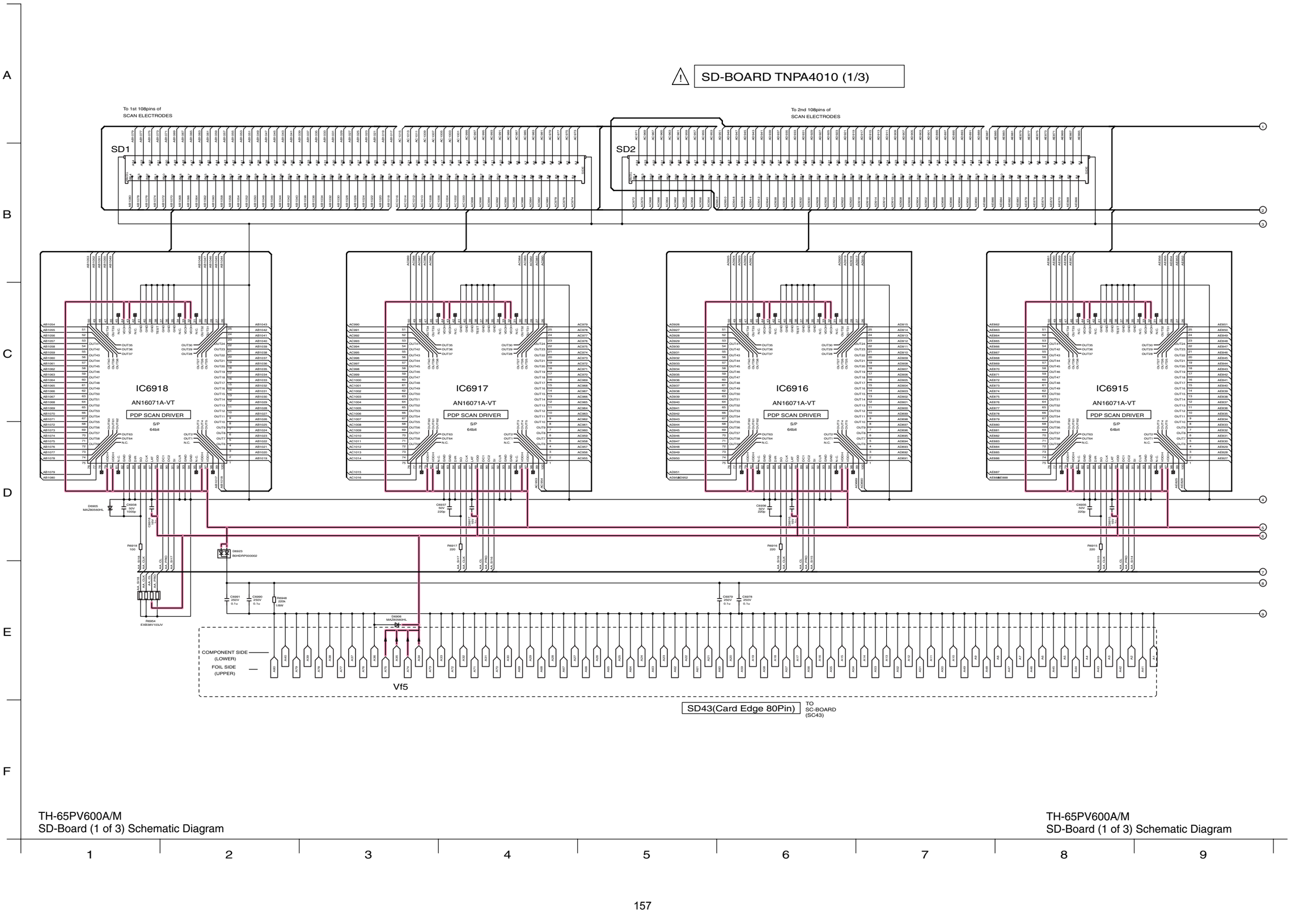
10 11 12 13 14 15 16 17 18

15.74. SU-Board (3 of 3) Schematic Diagram

⚠ SU-BOARD TNPA4009 (3/3)



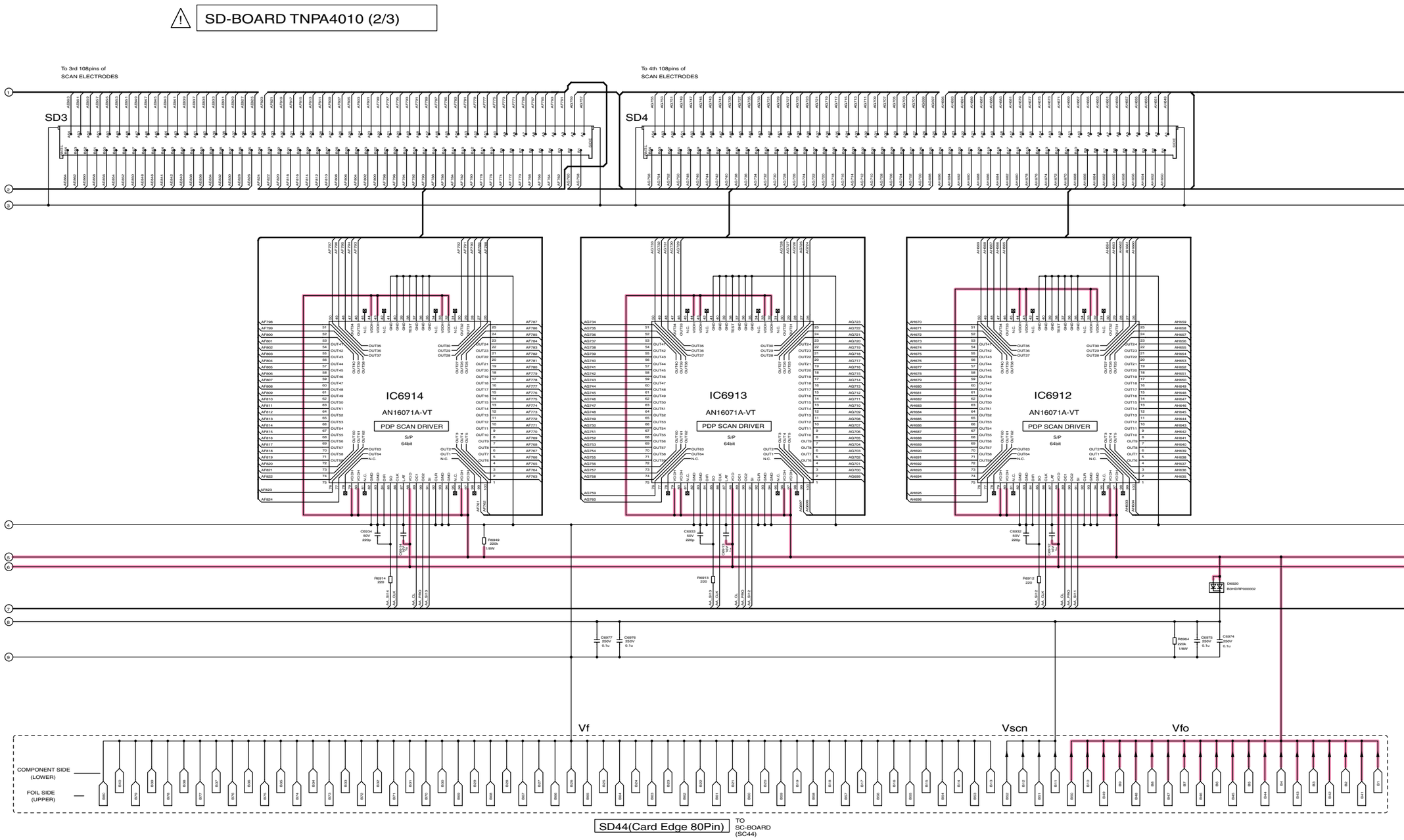
15.75. SD-Board (1 of 3) Schematic Diagram



TH-65PV600A/M
SD-Board (1 of 3) Schematic Diagram

TH-65PV600A/M
SD-Board (1 of 3) Schematic Diagram

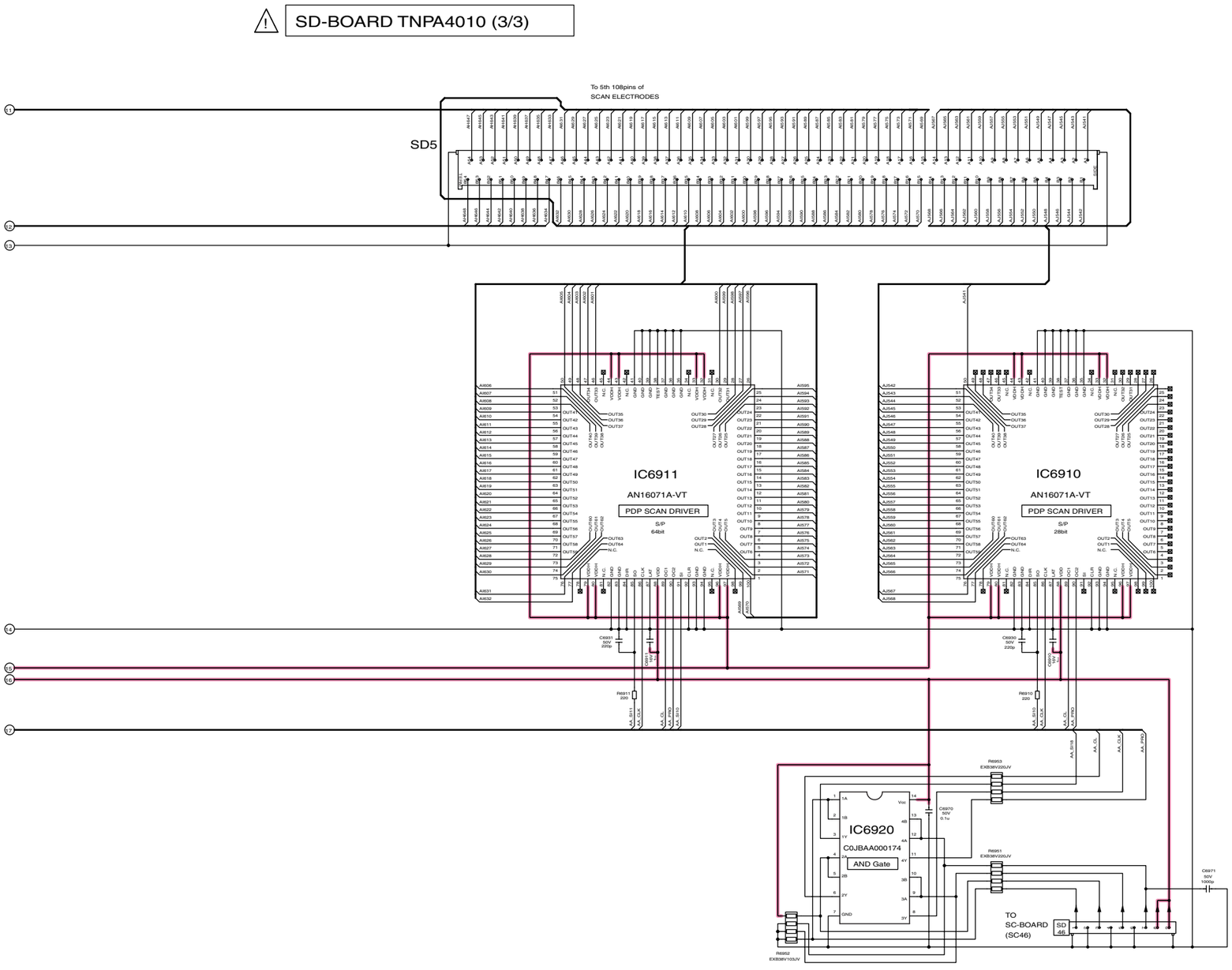
15.76. SD-Board (2 of 3) Schematic Diagram



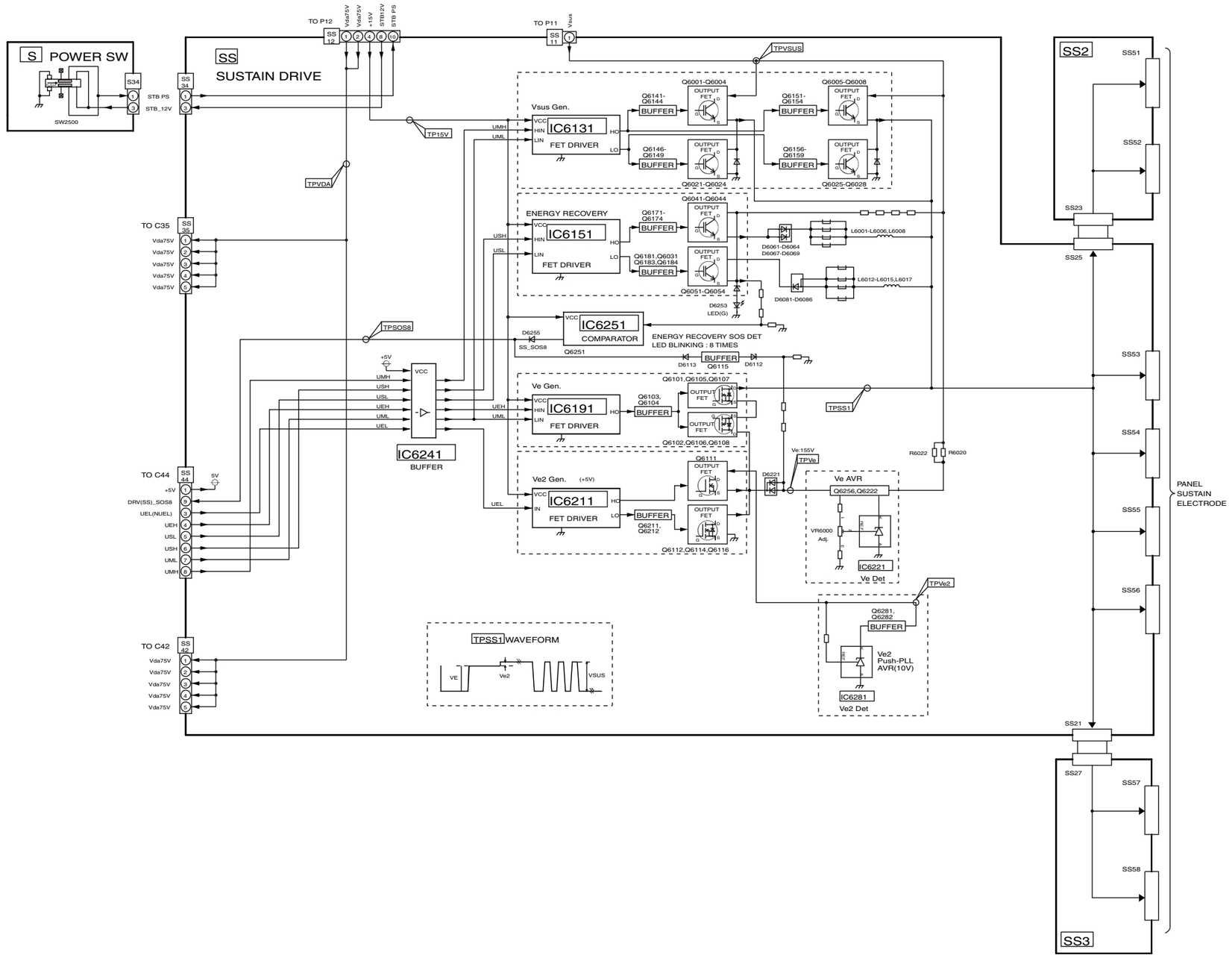
TH-65PV600A/M
SD-Board (2 of 3) Schematic Diagram

TH-65PV600A/M
SD-Board (2 of 3) Schematic Diagram

15.77. SD-Board (3 of 3) Schematic Diagram



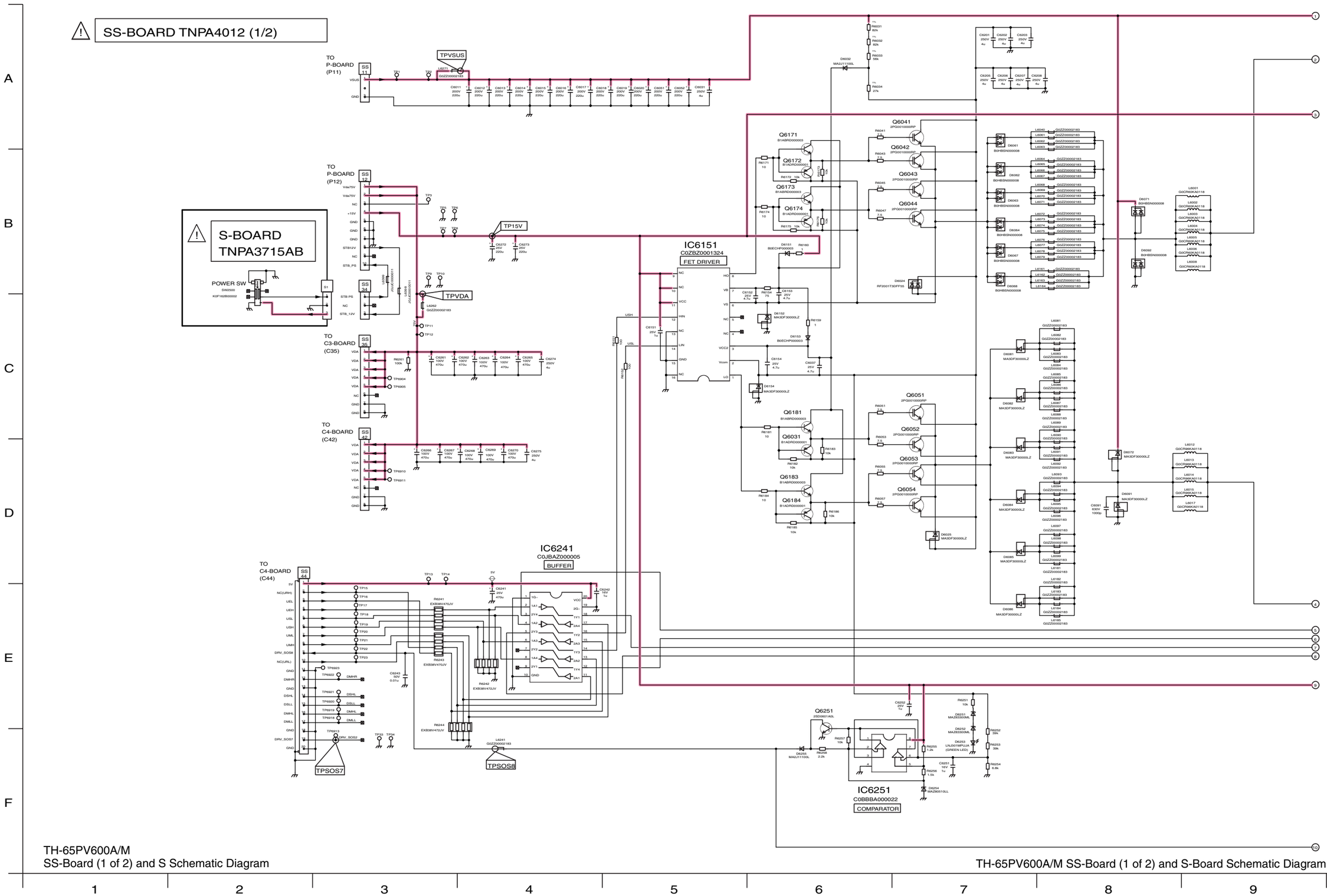
15.78. SS, SS2 and SS3-Board Block Diagram



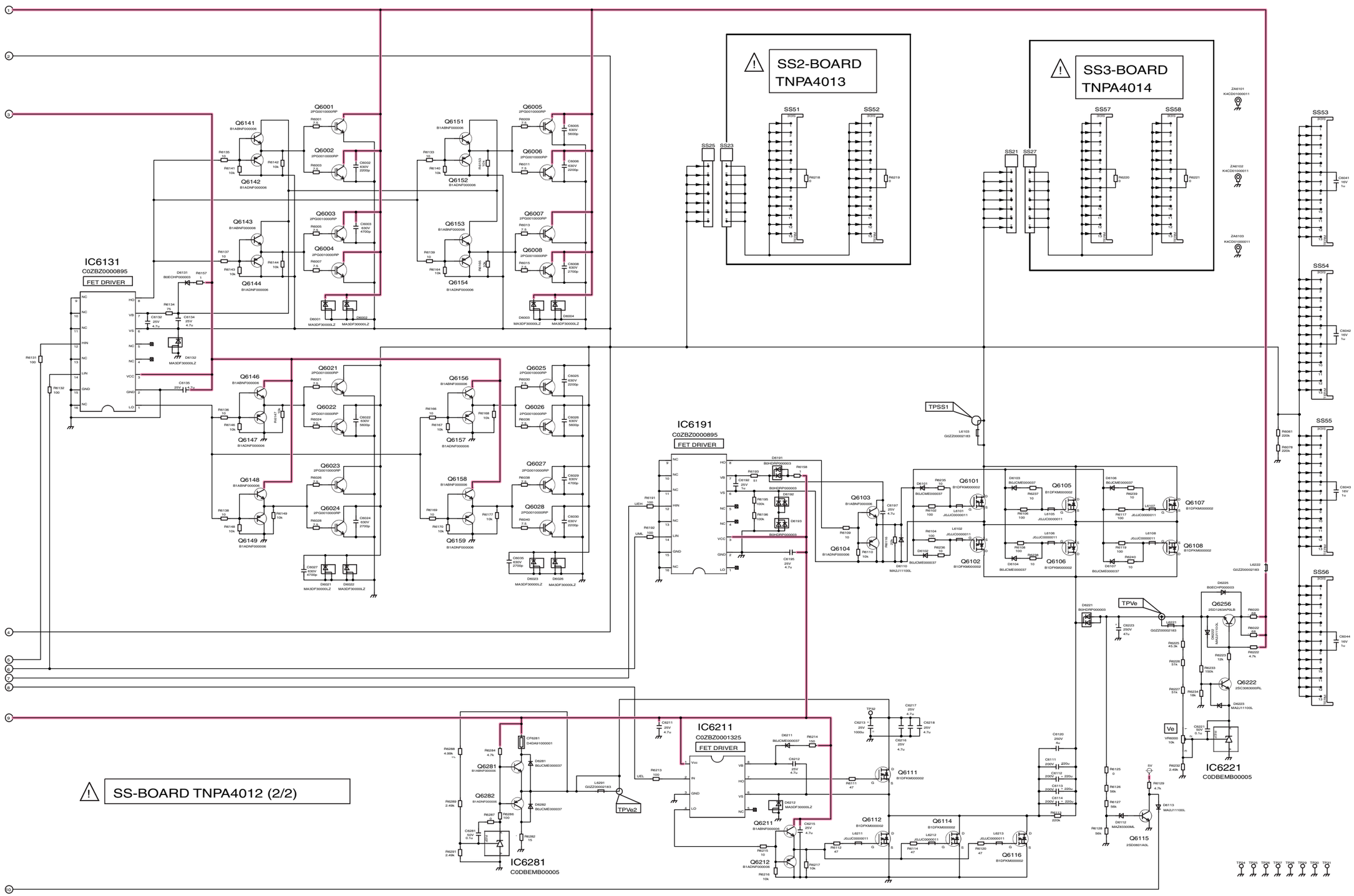
TH-65PV600A/M
SS, SS2, SS3, and S-Board Block Diagram

TH-65PV600A/M
SS, SS2, SS3 and S-Board Block Diagram

15.79. SS-Board (1 of 2) and S-Board Schematic Diagram

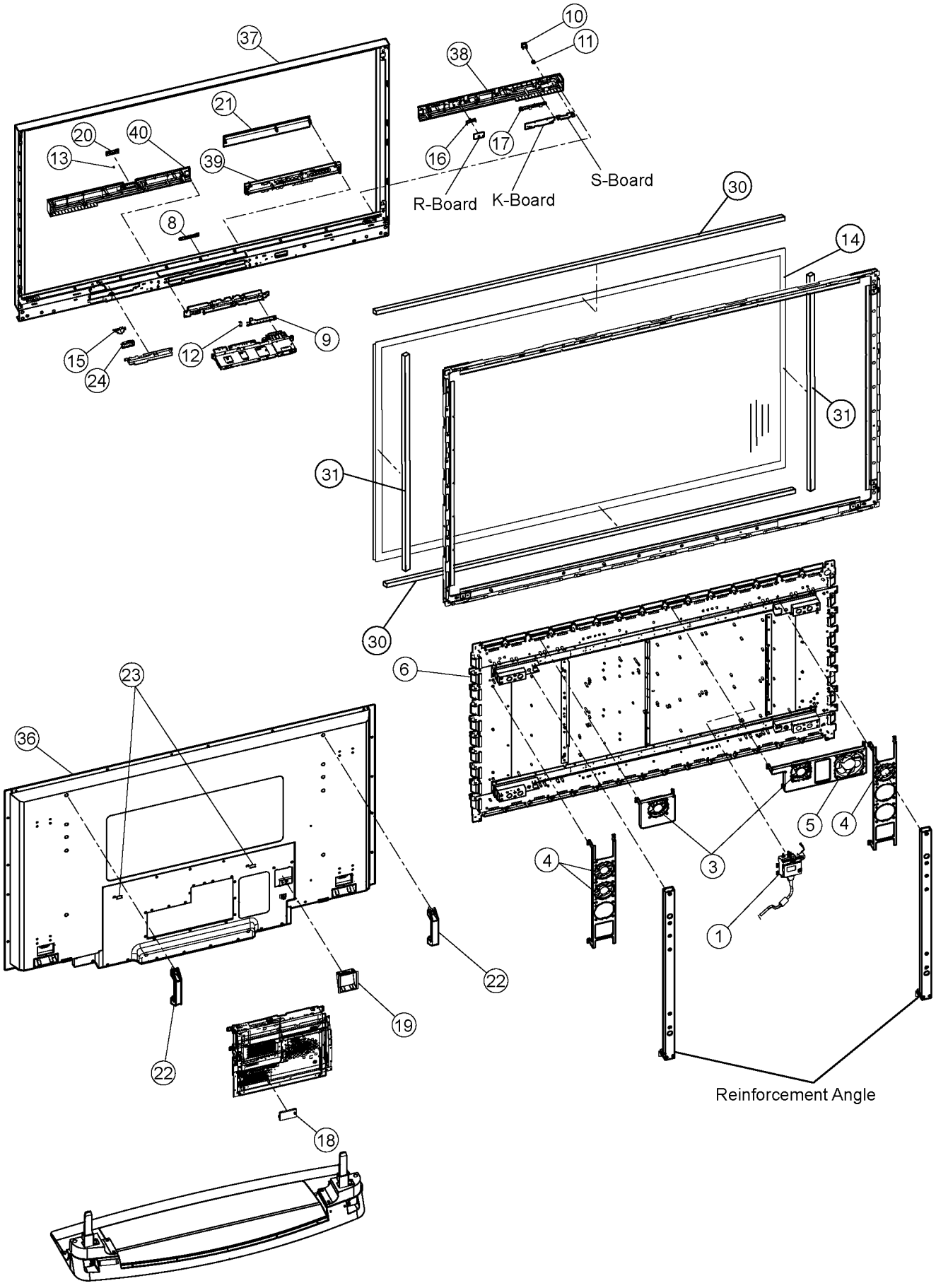


15.80. SS-Board (2 of 2), SS2 and SS3-Board Schematic Diagram

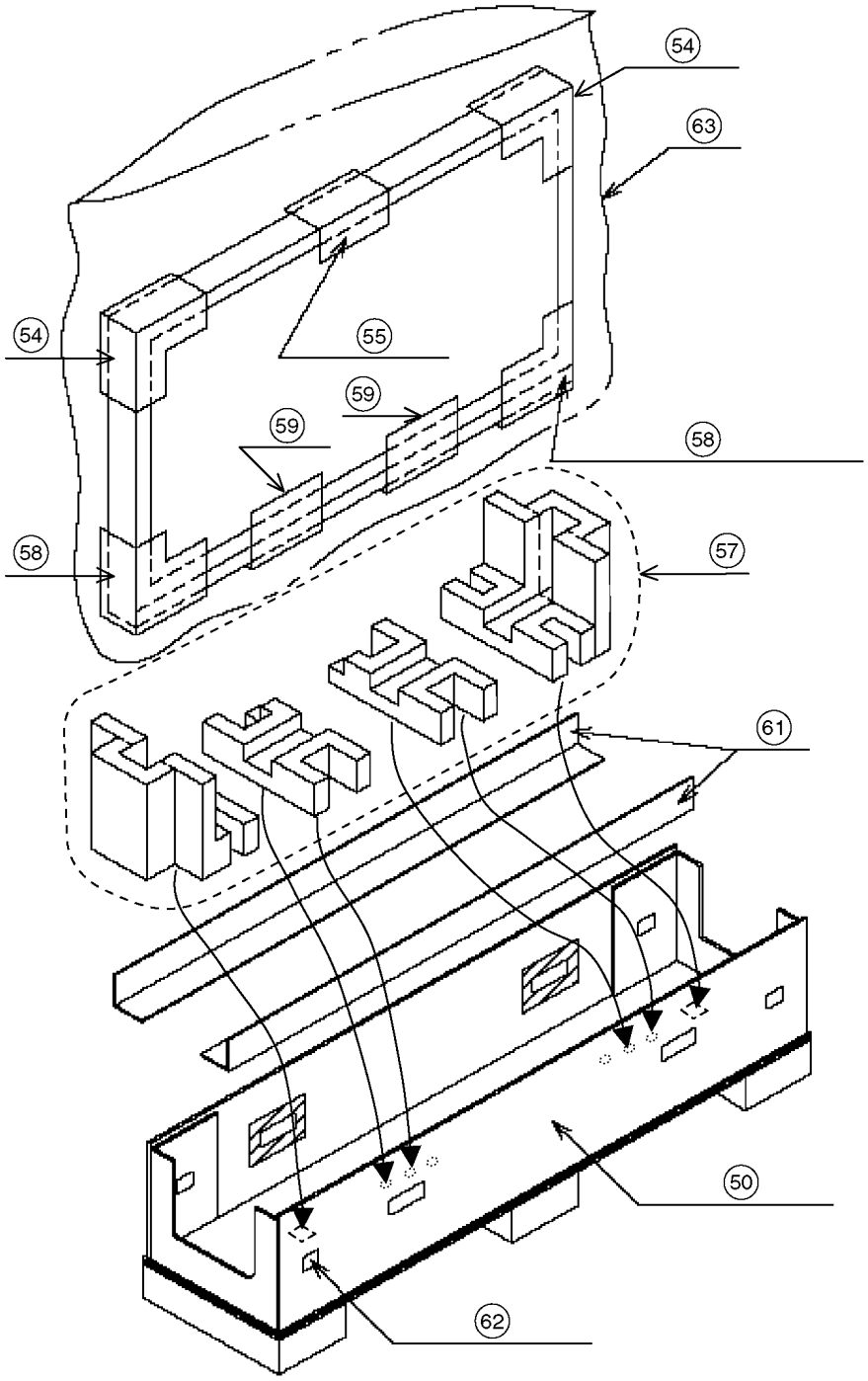

SS2-BOARD
TNPA4013
SS3-BOARD
TNPA4014
SS-BOARD TNPA4012 (2/2)
IC6131
C0ZBZ0000895
FET DRIVER
IC6191
C0ZBZ0000895
FET DRIVER
IC6211
C0ZBZ0001325
FET DRIVER
IC6281
C0DBEMB00005
IC6221
C0DBEMB00005
SS25
SS23
SS21
SS27
SS51
SS52
SS57
SS58
SS53
SS54
SS55
SS56
TPSS1
TPVe
TPVe2
Ve
Q6001
Q6002
Q6003
Q6004
Q6005
Q6006
Q6007
Q6008
Q6141
Q6142
Q6143
Q6144
Q6151
Q6152
Q6153
Q6154
Q6021
Q6022
Q6023
Q6024
Q6025
Q6026
Q6027
Q6028
Q6146
Q6147
Q6148
Q6149
Q6156
Q6157
Q6158
Q6159
Q6101
Q6102
Q6103
Q6104
Q6105
Q6106
Q6107
Q6108
Q6111
Q6112
Q6114
Q6116
Q6211
Q6212
Q6222
Q6256
Q6281
Q6282
Q6115
D6001
D6002
D6003
D6004
D6021
D6022
D6023
D6025
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D6192
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D6173

16 Parts Location & Mechanical Replacement Parts List

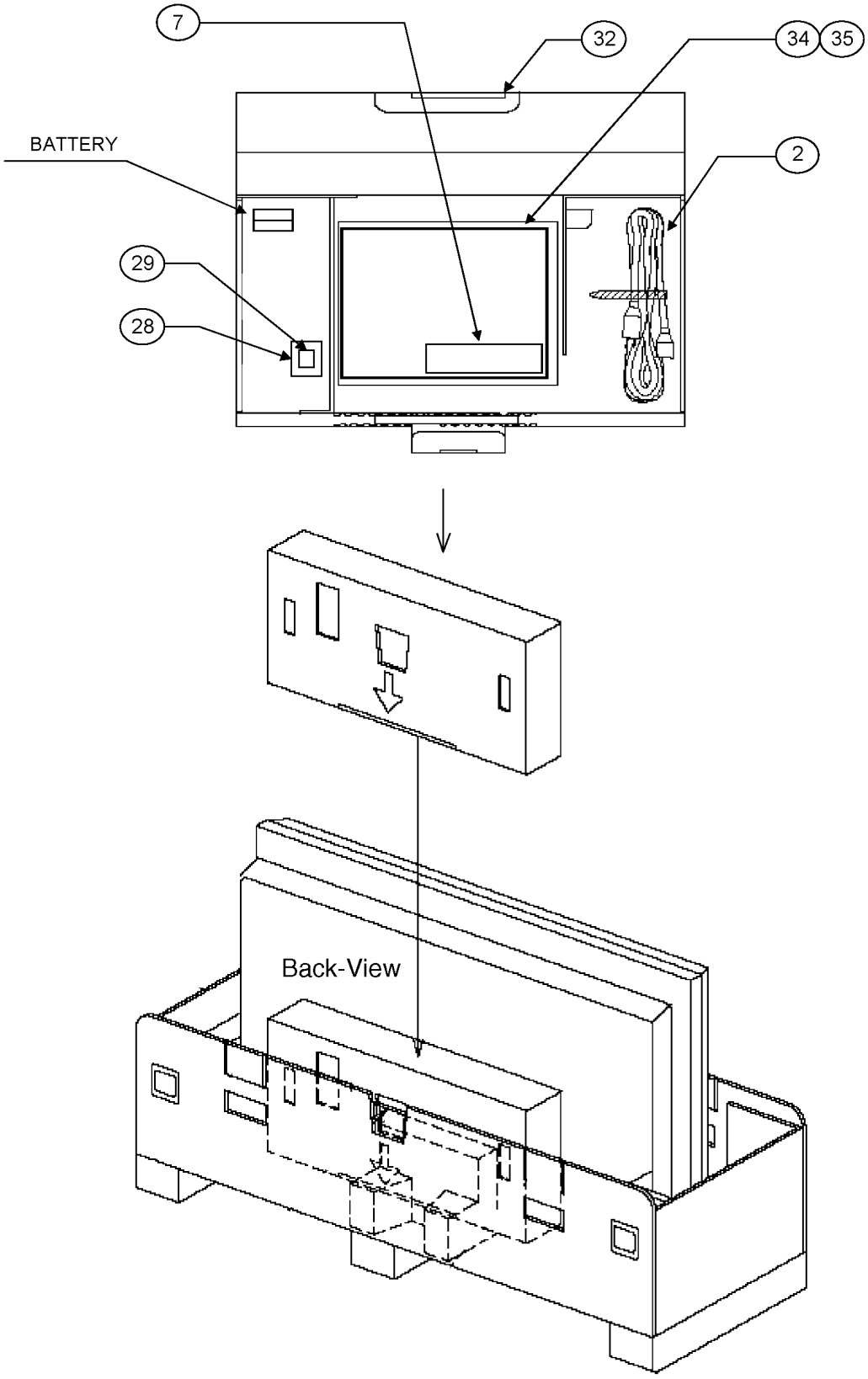
16.1. Parts Location



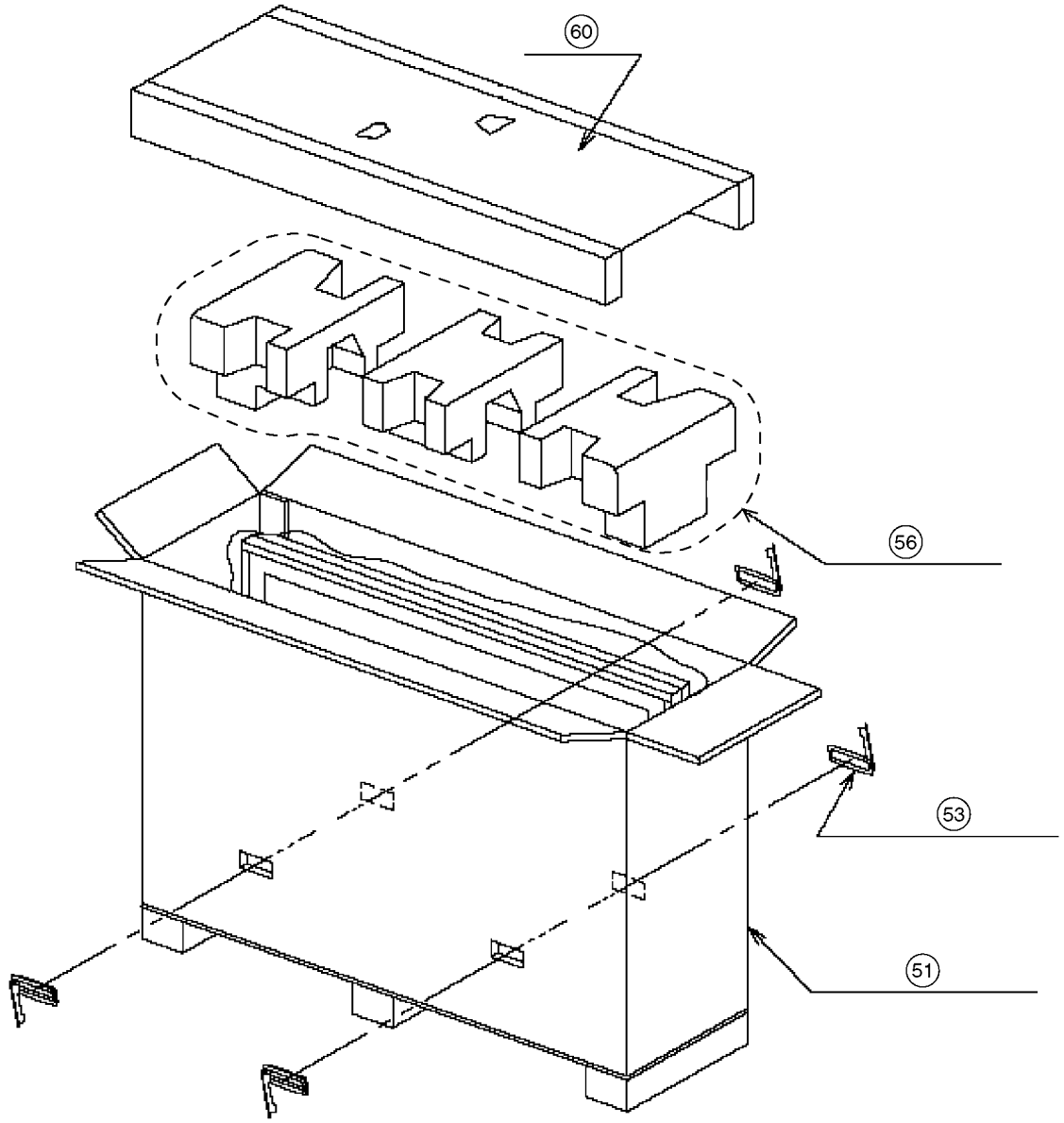
16.2. Packing Exploded View (1)



16.3. Packing Exploded View (2)



16.4. Packing Exploded View (3)



16.5. Mechanical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	J0KD00000096	FERRITE CORE	3	
29	J0KG00000014	FILTER	1	
	J2ZZ00000036	RF CABLE	1	
1	K2AHYH000009	AC INLET	1	⚠
2	K2CN3DH00006	AC CORD (ROUND PIN)	1	TH-65PV600M ⚠
2	K2CT3DH00025	AC CORD (RECTANGULAR BLADE)	1	TH-65PV600M ⚠
2	K2CK3DH00029	AC CORD (OBLIQUE FALT BLADE)	1	TH-65PV600A ⚠
3	L6FALEFH0041	FAN (80MM)	2	AT TOP
4	L6FAYYYH0025	FAN (80MM)	3	FOR SS/ SC-BOARD
5	L6FAYYYH0026	FAN (120MM)	1	
6	MD65F09A1J	PLASMA DISPLAY PANEL	1	⚠
7	N2QAYB000069	REMOTE CONTROL	1	
8	TBMA176	PANASONIC BADGE	1	
9	TBXA45504	CONTROL BUTTON	1	
10	TBXA49702	POWER BUTTON	1	
11	TES2249	SPRING	1	
12	TESA274	LEAF SPRING	1	
13	TESA275-1	SD DOOR SPRING	1	
	THEA130N	SCREW (SPACER)	4	
	THEL027N	SCREW	4	
	THEL0429	SCREW	44	
	THNG005J	NUT	2	
	THTD011J	SCREW	3	
	THTD013N	SCREW	16	
	THTF011N	SCREW	217	
14	TKGA5313	FRONT GLASS	1	
15	TKKC5238	SD LIGHT PANEL	1	
16	TKKC5250	REMOCON RECEIVER PANEL	1	
17	TKKC5251	LED PANEL	1	
18	TKKL5269	ADJUSTMENT COVER	1	
19	TKPA94302	INLET COVER	1	
20	TKPB02903	SD DOOR	1	
21	TKPB04103	DOOR	1	
22	TKRA45301	HANDLE	2	
23	TKRA52102	BLIND CAP	2	
	TMKG469-1	SPONGE (FAN)	5	
	TMKG539	SPONGE	2	
30	TMKG572	CUSHION (TOP /BOTTOM)	2	
31	TMKG573	CUSHION (RIGHT/LEFT)	2	
	TMKG656	FAN SPONGE	2	
	TMM14490	CLAMPER	4	
	TMM15481	CLAMPER	2	
	TMM17499	CLAMPER	1	
	TMM25401	CLAMPER	5	
	TMM6463-1	CLAMPER	1	
	TMM7464-2	CLAMPER	3	
	TMME047	CLAMPER	6	
	TMME084	CLAMPER	1	
	TMME084	CLAMPER	1	
	TMME152	CLAMPER	2	
	TMME152	CLAMPER	1	
	TMME190	CLAMPER	4	
	TMME226	AC CORD CLAMPER	1	
	TMME258	CABLE CLAMPER	2	
	TMME260	CLAMPER	4	
	TMME261	CLAMPER	4	
	TMME285	CLAMPER	2	
	TMMJ068	RUBBER(FAN)	16	
24	TMWX040	SD LIGHT PANEL BRACKET	1	
50	TPCB66101A	CARTON BOX BOTTOM	1	TH-65PV600M

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
50	TPCB66101	CARTON BOX BOTTOM	1	TH-65PV600A
51	TPCC03502	CARTON BOX TOP	1	TH-65PV600M
51	TPCC03503	CARTON BOX TOP	1	TH-65PV600A
53	TPD169487	JOINT	4	
54	TPDA1153	CUSHION (CORNER TOP)	2	
55	TPDA1154	CUSHION (CENTER/TOP)	1	
56	TPDA1205	CUSHION TOP	1	
57	TPDA1206	CUSHION BOTTOM	1	
58	TPDA1207	ESC PROTECTION (BOTTOM CORNER)	2	
59	TPDA1208	ESC PROTECTION (BOTTOM CENTER)	2	
32	TPDF0737	ACCESSORIES BOX	1	
60	TPDF1306	CUSHION (TOP)	1	
61	TPDF1408	CUSHION (L SHAPE)	2	
62	TPDX0007	JOINT	4	
63	TPEH246	PROTECT COVER	1	
34	TQBC2148	INSTRUCTION BOOK(ENGLISH)	1	TH-65PV600M ⚠
34	TQBC2149	INSTRUCTION BOOK(ARABIA)	1	TH-65PV600M ⚠
34	TQBC2150	INSTRUCTION BOOK(PERSIAN)	1	TH-65PV600M ⚠
34	TQBC2153	INSTRUCTION BOOK(ENGLISH)	1	TH-65PV600A ⚠
28	TQEF035	POLY BAG FOR NOISE FILTER	1	
	TSXL519	CABLE(C11-C22/C52-C61)	2	
	TSXL520-1	CABLE(DG1-H1)	1	
	TSXL525	CABLE(DG20-PA20)	1	
	TSXL555	CABLE(C21-C31/C41-C51)	2	
	TSXL564	CABLE(D31-C10/D32-C24/D33-C25)	3	
	TSXL566	CABLE(D34-C55/D35-C54/D36-C60)	3	
	TSXL582	CABLE(DG11-GH11)	1	
36	TTUA1523	REAR COVER	1	TH-65PV600M ⚠
36	TTUA1558	REAR COVER	1	TH-65PV600A ⚠
37	TXFKE01DRTU	ESCUTCHEON ASSY	1	
38	TXFKR01FLTC	FRONT PANEL LEFT ASSY	1	
39	TXFKR02FLTCA	FRONT PANEL CENTER ASSY	1	
40	TXFKR03FLTC	FRONT PANEL RIGHT ASSY	1	
	TXFSX01DRTU	CABLE ASSY(D34-C55/D35-C5	2	
	TXJPA2FMTM	SPEAKER LEAD(PA2-SPR/SPL)	1	
	TXJSPLEVTJ-1	SPEAKER LEAD(LEFT)	1	
	TXJSPREVTJ	SPEAKER LEAD(RIGHT)	1	
	XTB4+12GFJ	SCREW	19	
	XTV3+10GFJ	SCREW	2	
	XTW3+8TFJ	SCREW	6	
	XTW4+Z12DFJK	SCREW	8	
	XYN3+F6FJ	SCREW	1	
	XYN3+F6FJ	SCREW	1	
	XYN3+F8FJ	SCREW	25	
	XYN3+J12FJ	SCREW	95	
	XYN4+E8FJ	SCREW	1	
	XYN4+F10FJ	SCREW	109	
	XYN4+F10FJK	SCREW	4	
	XYN4+F20FJ	SCREW	18	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	XYN4+F32FJ	SCREW	4	
	XYN4+F38FJK	SCREW	12	
	XYN8+F20FJK	SCREW	12	
	XYN8+F30FJK	SCREW	12	
35	XZBT6506	POLY BAG FOR FAN BAG	1	

17 Electrical Replacement Parts List

17.1. 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 Metal FIlm	J : ±5%
S : Solid	K : ±10%
W : Wire Wound	M : ±20%

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

17.2. Electrical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F1601.1602	K5D103BMA001	TIME LAG FUSE HIGH	2	⚠
F1701.1702	K5D502BNA007	AC FUSE	2	⚠
C002	ECA1HM100	E 10UF, 50V	1	
C003	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C006	F2A1A102A224	E 1000UF, 10V	1	
C008	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C009	ECJ1XC1H101J	C 100PF, J, 50V	1	
C010	ECJ1VC1H330J	C 33PF, J, 50V	1	
C10	K1MN68BA0076	68P CONNECTOR	1	
C011	ECJ1VC1H330J	C 33PF, J, 50V	1	
C11	K1MN20BA0231	20P CONNECTOR	1	
C016	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C020	F2A1A102A224	E 1000UF, 10V	1	
C021	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C21	K1MN80BA0076	80P CONNECTOR	1	
C022	ECJ1XC1H101J	C 100PF, J, 50V	1	
C22	K1MN20BA0231	20P CONNECTOR	1	
C024	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C24,25	K1MN68BA0076	68P CONNECTOR	2	
C029,30	ECJ1VC1H330J	C 33PF, J, 50V	2	
C31	K1MN80BA0076	80P CONNECTOR	1	
C35	K1KA08AA0150	8P CONNECTOR	1	
C040,41	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C41	K1MN80BA0076	80P CONNECTOR	1	
C042	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C42	K1KA08AA0150	8P CONNECTOR	1	
C043	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C44	K1KA20AA0009	20P CONNECTOR	1	
C51	K1MN80BA0076	80P CONNECTOR	1	
C52	K1MN20BA0231	20P CONNECTOR	1	
C54,55	K1MN68BA0076	68P CONNECTOR	2	
C60	K1MN68BA0076	68P CONNECTOR	1	
C61	K1MN20BA0231	20P CONNECTOR	1	
C1100	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1102	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1103	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1105	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1107	EEEHB0G101R	C 100PF, J, 4V	1	
C1109,10	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C1112	ECJ0EB1E271K	C 270PF, K, 25V	1	
C1114	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1116	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1118-23	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C1125	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1127-32	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C1133,34	ECJ1XC1H150J	C 15PF, J, 50V	2	
C1135-42	ECJ0EB1A104K	C 0.1UF, K, 10V	8	
C1144-50	ECJ0EB1A104K	C 0.1UF, K, 10V	7	
C1152	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1153	EEEHB0G101R	C 100PF, J, 4V	1	
C1154	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1155	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C1156,57	ECJ1XC1H220J	C 22PF, J, 50V	2	
C1158	F1J0J1060004	C 0.010UF, K, 16V	1	
C1159	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1160	F2G0J470A019	E 47UF 6.3V	1	
C1161	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1162	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C1167,68	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C1172	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1177	ECJ1VB1A334K	C 0.1UF, K, 16V	1	
C1178	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1190	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C1209	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1212	ECJ1XC1H151J	C 150PF, J, 50V	1	
C1219,20	EEEHP1C100R	C 10PF, J, 16V	2	
C1221	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C1222,23	F1J0J1060004	C 0.010UF, K, 16V	2	
C1226	F1J0J1060004	C 0.010UF, K, 16V	1	
C1227	F1G1H101A422	C 100PF, K, 50V	1	
C1228-34	EEEHB1C470P	C 47PF, J, 16V	7	
C1294	ECJ1XC1H330J	C 33PF, J, 50V	1	
C1325-46	ECJ0EB1A104K	C 0.1UF, K, 10V	22	
C1347	F1J0J1060004	C 0.010UF, K, 16V	1	
C1348	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1349	F1J0J1060004	C 0.010UF, K, 16V	1	
C1350-62	ECJ0EB1A104K	C 0.1UF, K, 10V	13	
C1363	F1J0J1060004	C 0.010UF, K, 16V	1	
C1364-76	ECJ0EB1A104K	C 0.1UF, K, 10V	13	
C1377	F1J0J1060004	C 0.010UF, K, 16V	1	
C1378-05	ECJ0EB1A104K	C 0.1UF, K, 10V	28	
C1406	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1407-14	ECJ0EB1A104K	C 0.1UF, K, 10V	8	
C1502	F1J0J1060004	C 0.010UF, K, 16V	1	
C1504	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1601	ECJ1VB1A154K	C 0.15UF, Z, 50V	1	
C1602-24	ECJ0EB1A104K	C 0.1UF, K, 10V	23	
C1625	F1J0J1060004	C 0.010UF, K, 16V	1	
C1626-48	ECJ0EB1A104K	C 0.1UF, K, 10V	23	
C1649	F1J0J1060004	C 0.010UF, K, 16V	1	
C1650	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1651	F1J0J1060004	C 0.010UF, K, 16V	1	
C1652-72	ECJ0EB1A104K	C 0.1UF, K, 10V	21	
C1673	F1J0J1060004	C 0.010UF, K, 16V	1	
C1674-82	ECJ0EB1A104K	C 0.1UF, K, 10V	9	
C1683	F1J0J1060004	C 0.010UF, K, 16V	1	
C1684-93	ECJ0EB1A104K	C 0.1UF, K, 10V	10	
C1694	F1J0J1060004	C 0.010UF, K, 16V	1	
C1695	F1G1H101A422	C 100PF, K, 50V	1	
C1901,02	ECJ0EB1C103K	C 0.010UF, K, 16V	2	
C1903,04	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C1906	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C1907	EEEHB0J330R	C 33PF, J, 6.3V	1	
C1908-14	ECJ0EB1A104K	C 0.1UF, K, 10V	7	
C1915	F1J0J1060004	C 0.010UF, K, 16V	1	
C1916-18	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C1919	ECGRL0G680ER	C 68PF, J, 4V	1	
C1920	EEEHB0G221P	C 220PF, J, 4V	1	
C1925	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1926	EEEHB0G221P	C 220PF, J, 4V	1	
C1927-29	ECJ1VB1H103K	C 0.001UF, K, 50V	3	
C1930,31	ECGRL0G680ER	C 68PF, J, 4V	2	
C1932,33	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C1936,37	F1J0J1060004	C 0.010UF, K, 16V	2	
C1940,41	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C2005,06	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2010,11	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2013,14	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2016,17	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2019	ECA1CM221	E 220UF, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2020	ECA1HM220	E 22UF, 50V	1	
C2021,22	ECJ1XC1H561J	C 560PF, J, 50V	2	
C2111	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2116	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2118,19	F2J1C4700003	E 47UF, 16V	2	
C2125,26	ECJ1VB1H102K	C 1000PF, K, 50V	2	
C2127	ECA1CMH101	E 100UF, 16V	1	
C2128	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2129,30	F1J1A1050002	C 1UF, Z, 50V	2	
C2131	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2132	EEEHB1C100R	C 10PF, J, 16V	1	
C2133,34	ECJ1XC1H470J	C 47PF, J, 50V	2	
C2135,36	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C2137,38	ECJ1XC1H220J	C 22PF, J, 50V	2	
C2139-43	ECJ1VB1H103K	C 0.001UF, K, 50V	5	
C2146	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2147	ECA1HM220	E 22UF, 50V	1	
C2148-50	ECJ2FB1C105K	C 1UF, K, 16V	3	
C2152	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2153	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C2154	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2155	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2157	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2159,60	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2161	ECA1CMH101	E 100UF, 16V	1	
C2162-69	ECJ2FB1C105K	C 1UF, K, 16V	8	
C2170-72	ECJ1VB1H102K	C 1000PF, K, 50V	3	
C2173	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2174	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2175-77	ECJ1VB1H103K	C 0.001UF, K, 50V	3	
C2178,79	EEEHB1C100R	C 10PF, J, 16V	2	
C2181	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2183	EEEHB1H3R3R	C 3.3PF, J, 50V	1	
C2184,85	ECJ2VF1C104Z	C 0.1UF, Z, 16V	2	
C2189,90	ECJ2FB1C105K	C 1UF, K, 16V	2	
C2191	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2192	EEEHB1C100R	C 10PF, J, 16V	1	
C2195	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2196	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2197	ECJ2FB0J225K	C 2.2UF, Z, 16V	1	
C2198	EEEHB0J101P	C 100PF, J, 6.3V	1	
C2199	ECJ1VC1H560J	C 56PF, J, 50V	1	
C2200	ECJ1XC1H470J	C 47PF, J, 50V	1	
C2201	ECJ1XC1H030C	C 3PF, C, 50V	1	
C2202	ECJ1XC1H050C	C 5PF, C, 50V	1	
C2203	ECJ1VC1H100C	C 10PF, C, 50V	1	
C2204	ECJ1XC1H220J	C 22PF, J, 50V	1	
C2211	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C2213	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
C2217	F1H0J1050012	C 1UF, K, 16V	1	
C2222	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C2223	ECJ1XC1H390J	C 39PF, J, 50V	1	
C2225	ECJ2FB1C105K	C 1UF, K, 16V	1	
C2226	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2227	ECA1CMH101	E 100UF, 16V	1	
C2228	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2229,30	ECA1CMH101	E 100UF, 16V	2	
C2231	ECA1CHG470	E 47UF, 16V	1	
C2232	F1H0J1050012	C 1UF, K, 16V	1	
C2233,34	ECJ1VB1H102K	C 1000PF, K, 50V	2	
C2235	F1H0J1050012	C 1UF, K, 16V	1	
C2236	ECA1CHG470	E 47UF, 16V	1	
C2237-40	ECJ1VB1H103K	C 0.001UF, K, 50V	4	
C2243	ECA1CHG470	E 47UF, 16V	1	
C2301	ECA1EHG471	E 470UF, 25V	1	
C2303	ECA1CMH101	E 100UF, 16V	1	
C2314	ECJ1VB1C105K	C 0.01UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2317	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2320	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2321	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2322	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2323,24	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2325,26	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2327	F1J1H474A757	C 0.47UF, 50V	1	
C2328-31	ECJ2FB1E105K	C 1UF, K, 25V	4	
C2332,33	ECA1EHG471	E 470UF, 25V	2	
C2334,35	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C2336	F1J1H474A757	C 0.47UF, 50V	1	
C2337,38	ECJ2FB1E224K	C 22UF, K, 25V	2	
C2341	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C2342	ECJ2FB1E105K	C 1UF, K, 25V	1	
C2373	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C2374	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2380	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2382	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2385	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2387	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2393,94	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C2401	ECJ2FB1A105K	C 1UF, K, 10V	1	
C2402	ECJ2FB0J106M	C 10UF, Z,6.3V	1	
C2403	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2417	ECJ2FB0J106M	C 10UF, Z,6.3V	1	
C2430	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C2501	ECA1CMH101	E 100UF, 16V	1	
C2502	ECA1HHG100	E 10UF, 50V	1	
C2510,11	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C2515	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2551	ECA1HHG100	E 10UF, 50V	1	
C2553	ECA1HHG100	E 10UF, 50V	1	
C2554	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2581	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C2582	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C3005	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3021-25	F1J1A1050002	C 1UF, Z, 50V	5	
C3026	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3027,28	F1J1A1050002	C 1UF, Z, 50V	2	
C3029	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3030	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3031	F1J1A1050002	C 1UF, Z, 50V	1	
C3033	F1J1A1050002	C 1UF, Z, 50V	1	
C3035	F1J1A1050002	C 1UF, Z, 50V	1	
C3036	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3038	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3039	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3040	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3041	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3042,43	F1J1A1050002	C 1UF, Z, 50V	2	
C3045-50	F1J1A1050002	C 1UF, Z, 50V	6	
C3051-53	ECJ1VB1H103K	C 0.001UF, K, 50V	3	
C3054-56	F1J1A1050002	C 1UF, Z, 50V	3	
C3058	ECA1EM471	E 470UF, 25V	1	
C3059,60	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3062-64	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3065	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3066,67	F1J1A1050002	C 1UF, Z, 50V	2	
C3069	ECA1EM471	E 470UF, 25V	1	
C3070	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3075	ECA1CM221	E 220UF, 16V	1	
C3207	ECJ2FB1C105K	C 1UF, K, 16V	1	
C3208	ECJ2FB1C474K	C 0.47UF, Z, 16V	1	
C3211	ECA1CHG470	E 47UF, 16V	1	
C3214	ECJ2FF1A106Z	C 0.001UF, Z, 10V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3216	ECJ2FF1A106Z	C 0.001UF, Z, 10V	1	
C3226-28	ECJ2FF1A106Z	C 0.001UF, Z, 10V	3	
C3230	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3233	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3241	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3248	ECJ2FB1C105K	C 1UF, K, 16V	1	
C3249	ECJ2FB1C474K	C 0.47UF, Z, 16V	1	
C3251	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3252	ECJ2FB1C105K	C 1UF, K, 16V	1	
C3253,54	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C3256	ECJ2FB1C105K	C 1UF, K, 16V	1	
C3257	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3262	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C3268	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C3305	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3330	ECA1CM470	E 47UF, 16V	1	
C3331	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C3332	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3334	F2J1C4700003	E 47UF, 16V	1	
C3335	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3336	F2J1C4700003	E 47UF, 16V	1	
C3337	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3338	F2J1C4700003	E 47UF, 16V	1	
C3339	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C3340-42	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3701	ECJ2XC1H561K	C 560PF, K, 50V	1	
C3703	ECJ2XC1H561K	C 560PF, K, 50V	1	
C3711,12	ECJ2VF1H333Z	C 0.033UF, Z, 50V	2	
C3750,51	ECJ2XC1H102K	C 1000PF, K, 50V	2	
C3801,02	F1G1A104A012	C 0.01UF, K, 10V	2	
C3804	F1G1A104A012	C 0.01UF, K, 10V	1	
C3805	EEEHB0J330R	C 33PF, J, 6.3V	1	
C3806-12	F1G1A104A012	C 0.01UF, K, 10V	7	
C3813	F1J0J1060004	C 0.010UF, K, 16V	1	
C3814	F1G1A104A012	C 0.01UF, K, 10V	1	
C3815-20	F1G1C103A048	C 0.010UF, K, 16V	6	
C3823,24	F1G1A104A012	C 0.01UF, K, 10V	2	
C4003-08	F1J0J1060004	C 0.010UF, K, 16V	6	
C4009	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C4014,15	F1J0J1060004	C 0.010UF, K, 16V	2	
C4016	EEFCD0G560ER	56UF,	1	
C4023	F1J0J1060004	C 0.010UF, K, 16V	1	
C4026	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4027	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4028	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4112	F1J0J1060004	C 0.010UF, K, 16V	1	
C4117	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4142	F1H1C104A065	C 0.1UF, K, 16V	1	
C4144-46	ECJ1XC1H050C	C 5PF, C, 50V	3	
C4148-51	ECJ1VB1A105K	C 0.01UF, Z, 50V	4	
C4157	F1J0J1060004	C 0.010UF, K, 16V	1	
C4158	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4159	F1H1C104A065	C 0.1UF, K, 16V	1	
C4160	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4161,62	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4165	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4168	ECJ1XC1H680J	C 68PF, J, 50V	1	
C4169	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4171	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4172,73	F1H1C104A065	C 0.1UF, K, 16V	2	
C4174	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4175	F1H1C104A065	C 0.1UF, K, 16V	1	
C4176	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4177	ECJ2FB1C684K	C 68UF, Z, 16V	1	
C4178	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C4180	F1H1C104A065	C 0.1UF, K, 16V	1	
C4181	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4182	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4185,86	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C4187	F2G0J470A019	E 47UF 6.3V	1	
C4188	F1J0J1060004	C 0.010UF, K, 16V	1	
C4189-92	ECJ0EB1A104K	C 0.1UF, K, 10V	4	
C4193	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4194-97	F1H1C104A065	C 0.1UF, K, 16V	4	
C4198	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4199	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4200	F2G0J470A019	E 47UF 6.3V	1	
C4201	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4204	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4205,06	F1H1C104A065	C 0.1UF, K, 16V	2	
C4208,09	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4211	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4212	EEEHB0G221P	C 220PF, J, 4V	1	
C4213	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4214	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4215	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4216	F2G0J470A019	E 47UF 6.3V	1	
C4217	F1H1C104A065	C 0.1UF, K, 16V	1	
C4218	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4219	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4220	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4224	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4225	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4226	ECJ1XC1H680J	C 68PF, J, 50V	1	
C4227	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C4228	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4229	F1H1C104A065	C 0.1UF, K, 16V	1	
C4230-34	ECJ0EB1A104K	C 0.1UF, K, 10V	5	
C4235	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4236-42	ECJ0EB1A104K	C 0.1UF, K, 10V	7	
C4243,44	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4245,46	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4248	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4250,51	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4252	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4253	F2G0J470A019	E 47UF 6.3V	1	
C4255	ECJ1VB1H562K	C 5600PF, K, 50V	1	
C4256	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4257	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C4258	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4259	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4261-65	ECJ0EB1A104K	C 0.1UF, K, 10V	5	
C4266	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4267,68	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4269	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4270	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4272	F2G0J470A019	E 47UF 6.3V	1	
C4273-75	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4276	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4277	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C4281	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4283	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4287	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4289	EEEHB0J330R	C 33PF, J, 6.3V	1	
C4291	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4296	F1J0J1060004	C 0.010UF, K, 16V	1	
C4297	ECJ0EB1A104K	C 0.1UF, K, 10V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4298-06	ECJ1VB1A105K	C 0.01UF, Z, 50V	9	
C4307-09	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4311	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4312	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4313,14	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4315	F1J0J1060004	C 0.010UF, K, 16V	1	
C4316-18	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4320-22	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4325	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4327	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4329,30	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4331	F1J0J1060004	C 0.010UF, K, 16V	1	
C4332	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4333-38	ECJ0EB1A104K	C 0.1UF, K, 10V	6	
C4339	ECJ1VB0J225K	C 2.2UF, K, 6.3V	1	
C4340	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4341	EEEHB1C470P	C 47PF, J, 16V	1	
C4342	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4343	EEEHB1C100R	C 10PF, J, 16V	1	
C4344,45	F1J0J1060004	C 0.010UF, K, 16V	2	
C4346	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4347	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4348	EEEHB1C470P	C 47PF, J, 16V	1	
C4349	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4350,51	ECJ1XC1H181J	C 180PF, J, 50V	2	
C4352,53	ECJ1XC1H330J	C 33PF, J, 50V	2	
C4354	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4360	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4362	F1J0J1060004	C 0.010UF, K, 16V	1	
C4363,64	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4365	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4366	F2G0J470A019	E 47UF 6.3V	1	
C4367	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4371	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4372	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4373	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4374	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4375,76	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4377	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4379	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4380	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4381,82	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4383	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4384	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4385	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4386	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4387	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4388	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4389	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4390	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4391	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4392	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4393,94	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4395	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4396	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4397,98	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4399,00	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4401	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4402,03	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4404	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4405	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4406	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4407,08	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4409	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4410	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4411,12	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4413,14	ECJ0EB1H102K	C 1000PF, K, 50V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4415	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4417	F2G0J470A019	E 47UF 6.3V	1	
C4418,19	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4420,21	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4422-24	ECJ0EB1H102K	C 1000PF, K, 50V	3	
C4425,26	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4427	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4428	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4429,30	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4431	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4434	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4435	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4436-39	ECJ0EB1H102K	C 1000PF, K, 50V	4	
C4440	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4441,42	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4447	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4448	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4451	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4452	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4453,54	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4455	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4456	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4457,58	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4459	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4460	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C4461	ECJ1XC1H820J	C 82PF, J, 50V	1	
C4462	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4464	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4465	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4466	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4467	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4469	ECJ1XC1H680J	C 68PF, J, 50V	1	
C4470	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4473	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4474	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4475,76	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C4477	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4478	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4479-81	ECJ0EB1H102K	C 1000PF, K, 50V	3	
C4482	ECJ1XC1H150J	C 15PF, J, 50V	1	
C4483	ECJ1XC1H180J	C 18PF, J, 50V	1	
C4493	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4494	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4496	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4497	EEEHB0G101R	C 100PF, J, 4V	1	
C4498	ECJ1XC1H471J	C 470PF, J, 50V	1	
C4499	EEFCD0G560ER	56UF,	1	
C4501	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4502	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4503	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4504	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4505	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4506	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4507	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4508	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4509-11	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C4512	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4513	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4514	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4515,16	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C4517	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4518	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4519	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4520	ECJ0EB1A104K	C 0.1UF, K, 10V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4521	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4522	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4523	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4524	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4525	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4526	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4527	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C4530	EEEHB1C470P	C 47PF, J, 16V	1	
C4531	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4541	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C4543	F1H1C104A065	C 0.1UF, K, 16V	1	
C4544	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4553	F1J0J1060004	C 0.010UF, K, 16V	1	
C5034,35	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C5038,39	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C5049	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5053-55	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C5057,58	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C5060	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5062,63	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C5065,66	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C5068	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5070,71	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C5073	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5075	EEEHB0G101R	C 100PF, J, 4V	1	
C5077	EEEHB0G101R	C 100PF, J, 4V	1	
C5078-80	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C5082	ECJ0EC1H680J	C 680PF, K, 50V	1	
C5084	ECJ0EC1H680J	C 680PF, K, 50V	1	
C5085	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5087	EEEHB0G101R	C 100PF, J, 4V	1	
C5089	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5091,92	ECJ0EC1H680J	C 680PF, K, 50V	2	
C5093-99	ECJ0EB1A104K	C 0.1UF, K, 10V	7	
C5102	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5112	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C5113	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C5117-30	ECJ0EB1A104K	C 0.1UF, K, 10V	14	
C5131	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5132	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C5134	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5135	ECJ0EB1A473K	C 0.047UF, K, 10V	1	
C5136	ECGRL0G680ER	C 68PF, J, 4V	1	
C5137	ECJ1VB0J334K	C 0.33UF, K,6.3V	1	
C5138,39	ECGRL0G680ER	C 68PF, J, 4V	2	
C5140	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5142	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5144,45	ECJ0EB1C103K	C 0.010UF, K, 16V	2	
C5149	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5154	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5162	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5166	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5167	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5168	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5169	EEEHB0J330R	C 33PF, J, 6.3V	1	
C5170	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5172,73	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C5175	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5176	EEEHB0J330R	C 33PF, J, 6.3V	1	
C5177-80	ECJ0EB1A104K	C 0.1UF, K, 10V	4	
C5181,82	ECJ1XB0J105K	C 1UF, K, 16V	2	
C5183	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5184	ECJ1XB0J105K	C 1UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C5186	EEEHB0G101R	C 100PF, J, 4V	1	
C5188-92	ECJ0EB1A104K	C 0.1UF, K, 10V	5	
C5195-97	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C5199	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5216	F1J1A106A043	C 0.010UF, K, 16V	1	
C5217	F1G1C104A081	C 0.10UF, K, 16V	1	
C5218	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5225	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5228	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5232	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5240	ECJ1XB0J105K	C 1UF, K, 16V	1	
C5245	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5246	EEEHB0G101R	C 100PF, J, 4V	1	
C5247	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5250	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5252	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5254-58	ECJ0EB1A104K	C 0.1UF, K, 10V	5	
C5260	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5262	EEEHB0J330R	C 33PF, J, 6.3V	1	
C5263	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5268	ECJ1XB0J105K	C 1UF, K, 16V	1	
C5269,70	ECJ0EB1C103K	C 0.010UF, K, 16V	2	
C5272	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5275	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5278	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5280	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5282-86	ECJ0EB1A104K	C 0.1UF, K, 10V	5	
C5287	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C5291	F1J1A106A043	C 0.010UF, K, 16V	1	
C5292	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5293	EEEHB0G101R	C 100PF, J, 4V	1	
C5340,41	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C5354	ECJ0EB1C223K	C 0.022UF, K, 16V	1	
C5355,56	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C5357	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5359	ECJ1VB1H471K	C 470PF, K, 50V	1	
C5360	EEEHB0J470R	C 47PF, J, 6.3V	1	
C5365	ECJ1VB1A224K	C 0.22UF, Z, 50V	1	
C5366	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5369-71	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C5373	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5375-77	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C5415	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5419	EEEHB0G101R	C 100PF, J, 4V	1	
C5420-23	ECJ0EB1A104K	C 0.1UF, K, 10V	4	
C5430	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5437	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5439-41	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C5445	EEFCD0J470ER	47UF	1	
C5468	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5469	ECJ0EB1C223K	C 0.022UF, K, 16V	1	
C5473	F1J1A106A043	C 0.010UF, K, 16V	1	
C5474	ECJ1VB1H471K	C 470PF, K, 50V	1	
C5475,76	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C5480	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C5481	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5484	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5485	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C5492	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C5496	ECJ3YF1C106Z	C 10UF, Z, 16V	1	
C5497	ECJ2FB1C475K	C 47UF, K, 16V	1	
C5501	ECJ3YF1C106Z	C 10UF, Z, 16V	1	
C5502	EEEHB1C470P	C 47PF, J, 16V	1	
C5504	EEEHB1C470P	C 47PF, J, 16V	1	
C5506	ECGRL0G680ER	C 68PF, J, 4V	1	
C5508	ECGRL0G680ER	C 68PF, J, 4V	1	
C5509	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C5510	EEEHB1C470P	C 47PF, J, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C5516	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C5518	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C5537	F1J1A106A043	C 0.010UF, K, 16V	1	
C5539	F1J1A106A043	C 0.010UF, K, 16V	1	
C5547-49	ECJ0EB1A104K	C 0.1UF, K, 10V	3	
C5550,51	F1G1C104A081	C 0.10UF, K, 16V	2	
C5552,53	ECJ0EB1A104K	C 0.1UF, K, 10V	2	
C5555	ECGRL0G680ER	C 68PF, J, 4V	1	
C5556	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5605	EEUFC1E471	E 470UF, 25V	1	
C5606	ECA1CM471	E 470UF, 16V	1	
C5609	ECA1HM220	E 22UF, 50V	1	
C5611	F2A1H331A257	E 330UF, 50V	1	
C5612	ECA1CM471	E 470UF, 16V	1	
C5613	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5616	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5617	ECA1CM471	E 470UF, 16V	1	
C5618-20	ECJ1VB1E104K	C 0.10UF, K, 25V	3	
C5621	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C5622	ECA1CM471	E 470UF, 16V	1	
C5623	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5626	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5633	ECA1EM221	E 220UF, 25V	1	
C5637	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5641-44	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C5645	ECA1CHG470	E 47UF, 16V	1	
C5646	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C5647	ECA1CHG470	E 47UF, 16V	1	
C5648	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C5670	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5672	ECA1HHG100	E 10UF, 50V	1	
C5673	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5681	EEUFC1E471	E 470UF, 25V	1	
C5682	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5683,84	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C5685	ECA1CM471	E 470UF, 16V	1	
C5686	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5688	ECA1CM471	E 470UF, 16V	1	
C5689	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5690	ECA1EM221	E 220UF, 25V	1	
C5801,02	EEUFC1E471	E 470UF, 25V	2	
C5804	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5805	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C5809	ECJ3XF1E105Z	C 1UF, Z, 25V	1	
C5810	ECA1EHG470	E 47UF, 25V	1	
C5848	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5850	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5852	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C5879,80	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C5900	EEEHB0G470R	C 47PF, J, 4V	1	
C5901	ECJ0EF1C104Z	C 0.10UF, Z, 16V	1	
C5902	ECJ0EB1A104K	C 0.1UF, K, 10V	1	
C5903	EEEHB0G470R	C 47PF, J, 4V	1	
C5904	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C5905	EEEHB0G101R	C 100PF, J, 4V	1	
C5906	ECJ1VB1H392K	C 3900PF, K, 50V	1	
C5907	ECJ1XC1H821J	C 820PF, J, 50V	1	
C5926-28	ECJ0EB1C103K	C 0.010UF, K, 16V	3	
C6002	F1L2J222A022	C 2200UF, K,6.3V	1	
C6003	F1L2J472A022	C 4700UF, K,6.3V	1	
C6005	F1L2J562A022	C 5600UF, K,6.3V	1	
C6006	F1L2J222A022	C 2200UF, K,6.3V	1	
C6008	F1L2J272A022	C 2700UF, K,6.3V	1	
C6011-20	F2A2D221A022	E 220UF, 200V	10	
C6022	F1L2J562A022	C 5600UF, K,6.3V	1	
C6024	F1L2J272A022	C 2700UF, K,6.3V	1	
C6025	F1L2J222A022	C 2200UF, K,6.3V	1	
C6026	F1L2J562A022	C 5600UF, K,6.3V	1	
C6027	F1L2J472A022	C 4700UF, K,6.3V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6029	F1L2J472A022	C 4700UF, K,6.3V	1	
C6030	F1L2J222A022	C 2200UF, K,6.3V	1	
C6031	F0C2E405A176	E 0.040UF, 250V	1	
C6035	F1L2J272A022	C 2700UF, K,6.3V	1	
C6037	F1L1E4750004	C 4.7UF, 25V	1	
C6041-44	TCUY1C105ZFN	C 1UF, 16V	4	
C6051,52	F2A2D221A022	E 220UF, 200V	2	
C6091	F1L2J1020001	C 1000UF, K,6.3V	1	
C6111-14	F2A2D221A022	E 220UF, 200V	4	
C6120	F0C2E405A176	E 0.040UF, 250V	1	
C6132	F1L1E4750004	C 4.7UF, 25V	1	
C6134,35	F1L1E4750004	C 4.7UF, 25V	2	
C6151	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6152-54	F1L1E4750004	C 4.7UF, 25V	3	
C6192	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6195	F1L1E4750004	C 4.7UF, 25V	1	
C6197	F1L1E4750004	C 4.7UF, 25V	1	
C6201-03	F0C2E405A176	E 0.040UF, 250V	3	
C6205-08	F0C2E405A176	E 0.040UF, 250V	4	
C6211,12	F1L1E4750004	C 4.7UF, 25V	2	
C6213	F2A1E102A220	E 1000UF, 25V	1	
C6215-18	F1L1E4750004	C 4.7UF, 25V	4	
C6221	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C6223	F2A2E470A022	E 47UF, 250V	1	
C6241	ECA1EM471	E 470UF, 25V	1	
C6242	TCUY1C105ZFN	C 1UF, 16V	1	
C6243	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6251	TCUY1C105ZFN	C 1UF, 16V	1	
C6252	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6261-70	F2A2A471A072	E 470UF, 100V	10	
C6272,73	ECA1EM221	E 220UF, 25V	2	
C6274,75	F0C2E405A176	E 0.040UF, 250V	2	
C6281	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C6402	F1L2J222A022	C 2200UF, K,6.3V	1	
C6403	F1L2J472A022	C 4700UF, K,6.3V	1	
C6405	F1L2J562A022	C 5600UF, K,6.3V	1	
C6406	F1L2J222A022	C 2200UF, K,6.3V	1	
C6408	F1L2J272A022	C 2700UF, K,6.3V	1	
C6411-20	F2A2D221A022	E 220UF, 200V	10	
C6422	F1L2J562A022	C 5600UF, K,6.3V	1	
C6424	F1L2J272A022	C 2700UF, K,6.3V	1	
C6425	F1L2J222A022	C 2200UF, K,6.3V	1	
C6426	F1L2J562A022	C 5600UF, K,6.3V	1	
C6427	F1L2J472A022	C 4700UF, K,6.3V	1	
C6428	F1L2J222A022	C 2200UF, K,6.3V	1	
C6429,30	F2A2D221A022	E 220UF, 200V	2	
C6431	F0C2E405A176	E 0.040UF, 250V	1	
C6435	F1L2J272A022	C 2700UF, K,6.3V	1	
C6437	F1L2J472A022	C 4700UF, K,6.3V	1	
C6473	F1L2J1020001	C 1000UF, K,6.3V	1	
C6480	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C6502	F1L1E4750004	C 4.7UF, 25V	1	
C6504,05	F1L1E4750004	C 4.7UF, 25V	2	
C6521	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6522	F1L1E4750004	C 4.7UF, 25V	1	
C6524,25	F1L1E4750004	C 4.7UF, 25V	2	
C6527	F1L1E4750004	C 4.7UF, 25V	1	
C6531-36	F0C2E405A176	E 0.040UF, 250V	6	
C6538	F0C2E405A176	E 0.040UF, 250V	1	
C6561	F2A1A1010074	E 100UF, 10V	1	
C6562	TCUY1C105ZFN	C 1UF, 16V	1	
C6563	F2A1A1010074	E 100UF, 10V	1	
C6564	TCUY1C105ZFN	C 1UF, 16V	1	
C6565,66	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C6581	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6582	TCUY1C105ZFN	C 1UF, 16V	1	
C6592	ECA1EM221	E 220UF, 25V	1	
C6593	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6594	ECA1EM221	E 220UF, 25V	1	
C6601,02	F1L1E4750004	C 4.7UF, 25V	2	
C6603	F1K2J102A014	C 1000UF, K,6.3V	1	
C6604	F2A2V470A020	E 47UF, 350V	1	
C6605	ECJ2FB1H104K	C 0.1UF, K, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6606	F1K2J102A014	C 1000UF, K,6.3V	1	
C6610	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6612	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6620	F1L2J222A022	C 2200UF, K,6.3V	1	
C6641	ECQE2105RKB	P 1UF, 250V	1	
C6661,62	F1K2J102A014	C 1000UF, K,6.3V	2	
C6671	F1L1E4750004	C 4.7UF, 25V	1	
C6681,82	F1L1E4750004	C 4.7UF, 25V	2	
C6683	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C6691,92	ECA2CM101	E 100UF, 160V	2	
C6693	F0C2E405A176	E 0.040UF, 250V	1	
C6701-08	ECJ2FB1H104K	C 0.1UF, K, 50V	8	
C6721	F2A1H101A252	E 100UF, 50V	1	
C6723-25	F1L1E4750004	C 4.7UF, 25V	3	
C6726,27	TCUY1C105ZFN	C 1UF, 16V	2	
C6728	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6752	TCUY1C105ZFN	C 1UF, 16V	1	
C6753	F1L1E4750004	C 4.7UF, 25V	1	
C6754	F2A1V5600014	E 56UF, 35V	1	
C6755	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C6771	TCUY1C105ZFN	C 1UF, 16V	1	
C6772,73	F1L1E4750004	C 4.7UF, 25V	2	
C6775	F1L1E4750004	C 4.7UF, 25V	1	
C6776,77	ECJ2FB1H104K	C 0.1UF, K, 50V	2	
C6791	ECA1EM221	E 220UF, 25V	1	
C6795,96	ECA1EM221	E 220UF, 25V	2	
C6801	F2A2E470A022	E 47UF, 250V	1	
C6802	ECQE6223KF	P 0.022UF, K,400V	1	
C6803	ECKD3D221KBP	C 220PF, K, 2KV	1	
C6804	F2A2E100A022	E 10UF, 250V	1	
C6805	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6806	ECA2CM101	E 100UF, 160V	1	
C6807	ECJ2XC1H471J	C 470PF, J, 50V	1	
C6808	ECQE2105RKB	P 1UF, 250V	1	
C6809	ECA2CM101	E 100UF, 160V	1	
C6811	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6812	F1L1E4750004	C 4.7UF, 25V	1	
C6813	ECA2CM101	E 100UF, 160V	1	
C6814	ECA1EM221	E 220UF, 25V	1	
C6815	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C6822	F2A2V470A020	E 47UF, 350V	1	
C6823	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6841	ECA2DHG101	E 100UF, 200V	1	
C6842	ECA2CM101	E 100UF, 160V	1	
C6845	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6861	TCUY1C105ZFN	C 1UF, 16V	1	
C6862	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6863	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6871	TCUY1C105ZFN	C 1UF, 16V	1	
C6872	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6873	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6901-18	TCUY1C105ZFN	C 1UF, 16V	18	
C6921	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6922-37	ECJ2XB1H221K	C 220PF, K, 50V	16	
C6938	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6940	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C6961	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6964-69	F1L2E1040002	E 1000UF, 25V	6	
C6970	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C6971	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6974-81	F1L2E1040002	E 1000UF, 25V	8	
C6990,91	F1L2E1040002	E 1000UF, 25V	2	
C7101,02	TCUY1C105ZFN	C 1UF, 16V	2	
C7107-10	ECJ3XB2A474K	C 0.47UF, 6.3V	4	
C7111	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7113	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7115-18	ECJ3XB2A474K	C 0.47UF, 6.3V	4	
C7125,26	TCUY1C105ZFN	C 1UF, 16V	2	
C7130	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7135-38	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C7150	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7152	ECJ1XC1H101J	C 100PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7170	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7172,73	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7176	TCUY1C105ZFN	C 1UF, 16V	1	
C7182	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7183-87	TCUY1C105ZFN	C 1UF, 16V	5	
C7200,01	TCUY1C105ZFN	C 1UF, 16V	2	
C7203-05	TCUY1C105ZFN	C 1UF, 16V	3	
C7207	TCUY1C105ZFN	C 1UF, 16V	1	
C7208	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7209	TCUY1C105ZFN	C 1UF, 16V	1	
C7212	TCUY1C105ZFN	C 1UF, 16V	1	
C7213,14	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7216	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7217,18	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7221	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7222	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7224	TCUY1C105ZFN	C 1UF, 16V	1	
C7225	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7226	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7231	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7238	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7240	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7253	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7264	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7266	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7268	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7270	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7272	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7274	TCUY1C105ZFN	C 1UF, 16V	1	
C7275,76	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7279	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7285	TCUY1C105ZFN	C 1UF, 16V	1	
C7286,87	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7290	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7297	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7299	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7301	TCUY1C105ZFN	C 1UF, 16V	1	
C7304	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7308,09	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7311,12	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7315,16	TCUY1C105ZFN	C 1UF, 16V	2	
C7323	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7324,25	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7326	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7327,28	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7329	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7331-34	ECJ3XB2A474K	C 0.47UF, 6.3V	4	
C7339,40	TCUY1C105ZFN	C 1UF, 16V	2	
C7351	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7369	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7370,71	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7374	TCUY1C105ZFN	C 1UF, 16V	1	
C7381	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7382-86	TCUY1C105ZFN	C 1UF, 16V	5	
C7401	TCUY1C105ZFN	C 1UF, 16V	1	
C7406	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7412-15	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C7418,19	TCUY1C105ZFN	C 1UF, 16V	2	
C7424-27	ECJ3XB2A474K	C 0.47UF, 6.3V	4	
C7428,29	ECJ1XC1H101J	C 100PF, J, 50V	2	
C7432-35	ECJ3XB2A474K	C 0.47UF, 6.3V	4	
C7440,41	TCUY1C105ZFN	C 1UF, 16V	2	
C7452,53	ECJ1XC1H101J	C 100PF, J, 50V	2	
C7468,69	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7472	TCUY1C105ZFN	C 1UF, 16V	1	
C7475	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7480	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7481-85	TCUY1C105ZFN	C 1UF, 16V	5	
C7501,02	TCUY1C105ZFN	C 1UF, 16V	2	
C7506,07	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7508	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7511	TCUY1C105ZFN	C 1UF, 16V	1	
C7513	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7516,17	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7519	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7520	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7521	TCUY1C105ZFN	C 1UF, 16V	1	
C7522	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7523,24	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7527	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7530	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7538	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7539	TCUY1C105ZFN	C 1UF, 16V	1	
C7541	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7543	TCUY1C105ZFN	C 1UF, 16V	1	
C7547-49	TCUY1C105ZFN	C 1UF, 16V	3	
C7566	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7568	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7570	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7572	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7575	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7577,78	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7580	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7581	TCUY1C105ZFN	C 1UF, 16V	1	
C7582,83	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7591	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7592	TCUY1C105ZFN	C 1UF, 16V	1	
C7593,94	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7601,02	TCUY1C105ZFN	C 1UF, 16V	2	
C7607-10	ECJ3XB2A474K	C 0.47UF, 6.3V	4	
C7611-13	ECJ1XC1H101J	C 100PF, J, 50V	3	
C7615-18	ECJ3XB2A474K	C 0.47UF, 6.3V	4	
C7623,24	TCUY1C105ZFN	C 1UF, 16V	2	
C7630	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7635-38	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C7650	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7654,55	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7658	TCUY1C105ZFN	C 1UF, 16V	1	
C7661	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7665	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7666-70	TCUY1C105ZFN	C 1UF, 16V	5	
C7701	ECJ1XC1H330J	C 33PF, J, 50V	1	
C7702	EEEHB0G470R	C 47PF, J, 4V	1	
C7703,04	ECJ1XC1H330J	C 33PF, J, 50V	2	
C7705	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7707	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7708	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C7709	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7711	ECJ1XC1H330J	C 33PF, J, 50V	1	
C9028,29	F1J0J1060004	C 0.010UF, K, 16V	2	
C9033,34	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9035,36	F1J0J1060004	C 0.010UF, K, 16V	2	
C9037	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C9039	F1J0J1060004	C 0.010UF, K, 16V	1	
C9040	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9044-53	ECJ1XF1C104Z	C 0.1UF, Z, 16V	10	
C9055-57	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9058	F1J0J1060004	C 0.010UF, K, 16V	1	
C9059-83	ECJ1XB1C104K	C 0.1UF, Z, 16V	25	
C9084	EEFCD0G560ER	56UF,	1	
C9085-99	ECJ1XB1C104K	C 0.1UF, Z, 16V	15	
C9101-10	ECJ1XB1C104K	C 0.1UF, Z, 16V	10	
C9111	EEFCD0G560ER	56UF,	1	
C9300-25	ECJ1XB1C104K	C 0.1UF, Z, 16V	26	
C9355-59	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C9360-64	ECJ3XB0J106M	C 10UF, M,6.3V	5	
C9365	EEFCD0G560ER	56UF,	1	
C9368	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9369-74	ECJ1VF1H103Z	C 0.010UF, Z, 50V	6	
C9442-69	ECJ1XB1C104K	C 0.1UF, Z, 16V	28	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9496	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9512,13	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9514,15	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9516-25	ECJ1XB1C104K	C 0.1UF, Z, 16V	10	
C9526	F1J0J1060004	C 0.010UF, K, 16V	1	
C9527,28	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9531	F1J0J1060004	C 0.010UF, K, 16V	1	
C9532	ECJ1XC1H101K	C 100PF, K, 50V	1	
C9533	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9534-38	ECJ3XB0J106M	C 10UF, M,6.3V	5	
C9539	EEFCD0G560ER	56UF,	1	
C9542	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9546,47	ECJ1VC1H120J	C 12PF, J, 50V	2	
C9548	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9552	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9554	F1J0J1060004	C 0.010UF, K, 16V	1	
C9557	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C9559-61	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C9601	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9608	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9609	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9610	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9800	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9801	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C9802	ECJ1XC1H470J	C 47PF, J, 50V	1	
C9803	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C9804	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9805	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9806	ECGRL0G680ER	C 68PF, J, 4V	1	
C9807,08	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9809	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9815,16	ECGRL0G680ER	C 68PF, J, 4V	2	
C9817,18	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9823,24	ECJ3YB1E106M	C 10 UF, K, 25V	2	
C9825	ECJ1XC1H101K	C 100PF, K, 50V	1	
C9826	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9830-32	ECJ3XB1C106M	C 1.0UF, K, 16V	3	
C9833	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C9837	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C9838	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9840	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9841,42	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C9843	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9844	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9845,46	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9847,48	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C9880,81	ECJ1XB1H102K	C 1000UF, Z, 50V	2	
C9882	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9883	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9884	ECJ1VC1H100C	C 10PF, C, 50V	1	
C9885	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9886	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9887	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9891	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9896	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9897	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9898	ECJ1VC1H100C	C 10PF, C, 50V	1	
C9899	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9926	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9967	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9969	ECJ1XC1H330J	C 33PF, J, 50V	1	
C9970	ECJ1XC1H470J	C 47PF, J, 50V	1	
C9971	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
CA1-15	K1MN68BA0002	68P CONNECTOR	15	
CB1-15	K1MN68BA0002	68P CONNECTOR	15	
CF6281	D4DA91000001	THERMISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D3	K1KA30AA0009	30P CONNECTOR	1	
D5	K1KB31AA0140	31P CONNECTOR	1	
D6	K1KA21A00011	21P CONNECTOR	1	
D20	K1KA20AA0008	20P CONNECTOR	1	
D25	K1KA20B00155	20P CONNECTOR	1	
D31-33	K1MN68BA0076	68P CONNECTOR	3	
D34-36	K1MN68BA0251	68P CONNECTOR	3	
D1106,07	MA729	DIODE	2	
D1109	B0JCCE000008	DIODE	1	
D1117	MAZ8043M	ZENER DIODE	1	
D1119	MA704A	DIODE	1	
D1121	MA729	DIODE	1	
D1901-11	EZJZ0V80008B	VARISTOR	11	
D1912	MA3056M	ZENER DIODE	1	
D1913,14	B0HCMM000014	DIODE	2	
D2011-14	MA111	DIODE	4	
D2119	B0BC01100001	ZENER DIODE	1	
D2309	MA111	DIODE	1	
D2501-04	MA111	DIODE	4	
D2510,11	MA8056-M	ZENER DIODE	2	
D2520	LNJ107W5PRW	LED	1	
D2524	MA8056-M	ZENER DIODE	1	
D2551	MA3X78900L	ZENER DIODE	1	
D2581	MA3043M	ZENER DIODE	1	
D2582	MA3056M	ZENER DIODE	1	
D3003	MA8140M	ZENER DIODE	1	
D3005,06	MA8140M	ZENER DIODE	2	
D3017	MA8140M	ZENER DIODE	1	
D3021-23	MA111	DIODE	3	
D3024	B0BC01100001	ZENER DIODE	1	
D3038-43	MA8140M	ZENER DIODE	6	
D3044	MA111	DIODE	1	
D3045-52	MA8140M	ZENER DIODE	8	
D3100	MA8140M	ZENER DIODE	1	
D3334-39	MA111	DIODE	6	
D3702	MA8140M	ZENER DIODE	1	
D3801-11	EZJZ0V80008B	VARISTOR	11	
D3812	MA3056M	ZENER DIODE	1	
D3813,14	B0HCMM000014	DIODE	2	
D4019	EZJZ0V80008B	VARISTOR	1	
D4021	EZJZ0V80008B	VARISTOR	1	
D4023	EZJZ0V80008B	VARISTOR	1	
D4025	EZJZ0V80008B	VARISTOR	1	
D4027	EZJZ0V80008B	VARISTOR	1	
D4029,30	EZJZ0V80008B	VARISTOR	2	
D4033,34	EZJZ0V80008B	VARISTOR	2	
D4037	EZJZ0V80008B	VARISTOR	1	
D4041	EZJZ0V80008B	VARISTOR	1	
D4045	EZJZ0V80008B	VARISTOR	1	
D4048	MA3056M	ZENER DIODE	1	
D4051,52	B0HCMM000014	DIODE	2	
D5020	MA8024LTX	ZENER DIODE	1	
D5022	MA22D3900L	DIODE	1	
D5024,25	MA22D3900L	DIODE	2	
D5027	MA22D3900L	DIODE	1	
D5606	B0BC01100001	ZENER DIODE	1	
D5607	B0BC6R600005	ZENER DIODE	1	
D5610	B0BC4R700007	ZENER DIODE	1	
D5612	B0BC3R700006	ZENER DIODE	1	
D5618	B0BC03900015	ZENER DIODE	1	
D5635	MA3047H	ZENER DIODE	1	
D5636-38	MA152	DIODE	3	
D5639	MA3047H	ZENER DIODE	1	
D5640	MA3039H	ZENER DIODE	1	
D5641	MA152	DIODE	1	
D5642	MA3120M	ZENER DIODE	1	
D5643	MA152	DIODE	1	
D5644	MA3068M	ZENER DIODE	1	
D5645	MA3039H	ZENER DIODE	1	
D5646,47	MA152	DIODE	2	
D5649	MA152	DIODE	1	
D5650	MA3047H	ZENER DIODE	1	
D5651	MA111	DIODE	1	
D5653	MA152	DIODE	1	
D5681	B0BC4R700007	ZENER DIODE	1	
D5682	B0BC3R700006	ZENER DIODE	1	
D5801	B0JCME000037	DIODE	1	
D5804	MA8110M	ZENER DIODE	1	
D5817	MA152	DIODE	1	
D5824,25	MA152	DIODE	2	
D5828-31	MA152	DIODE	4	
D5877	B0JCPD000026	DIODE	1	
D6001-04	B0HBSN000008	DIODE	4	
D6021-26	B0HBSN000008	DIODE	6	
D6032	MA111	DIODE	1	
D6061-64	B0HBSN000008	DIODE	4	
D6067,68	B0HBSN000008	DIODE	2	
D6071,72	B0HBSN000008	DIODE	2	
D6081-86	B0HBSN000008	DIODE	6	
D6091,92	B0HBSN000008	DIODE	2	
D6101-04	B0JCME000037	DIODE	4	
D6106,07	B0JCME000037	DIODE	2	
D6110	MA111	DIODE	1	
D6112	MA8330M	ZENER DIODE	1	
D6113	MA111	DIODE	1	
D6131	B0ECHP000003	DIODE	1	
D6132	B0HBSN000008	DIODE	1	
D6151	B0ECHP000003	DIODE	1	
D6152	B0HBSN000008	DIODE	1	
D6153	B0ECHP000003	DIODE	1	
D6154	B0HBSN000008	DIODE	1	
D6191-93	B0HDRP000003	DIODE	3	
D6211	B0JCME000037	DIODE	1	
D6212	B0HBSN000008	DIODE	1	
D6221	B0HDRP000003	DIODE	1	
D6222,23	MA111	DIODE	2	
D6225	B0ECHP000003	DIODE	1	
D6251,52	MA8330M	ZENER DIODE	2	
D6253	LNJ301MPUJA	LED	1	
D6254	MA8051L	ZENER DIODE	1	
D6255	MA111	DIODE	1	
D6281,82	B0JCME000037	DIODE	2	
D6401-04	B0HBSN000008	DIODE	4	
D6421-24	MA3DF40000LZ	DIODE	4	
D6441	B0HBSN000008	DIODE	1	
D6451	MA3DF40000LZ	DIODE	1	
D6461-64	B0HBSN000008	DIODE	4	
D6466	MA111	DIODE	1	
D6467,68	B0HBSN000008	DIODE	2	
D6471,72	B0HBSN000008	DIODE	2	
D6477	MA111	DIODE	1	
D6478	B0HCKS000002	DIODE	1	
D6480	MA111	DIODE	1	
D6481-86	B0HBSN000008	DIODE	6	
D6491	MA3DF40000LZ	DIODE	1	
D6497	MA111	DIODE	1	
D6501	B0ECHP000003	DIODE	1	
D6502	B0HBSN000008	DIODE	1	
D6521	B0ECHP000003	DIODE	1	
D6522	B0HBSN000008	DIODE	1	
D6523	B0ECHP000003	DIODE	1	
D6524	B0HBSN000008	DIODE	1	
D6581,82	MA8330M	ZENER DIODE	2	
D6583	LNJ301MPUJA	LED	1	
D6584	MA8051L	ZENER DIODE	1	
D6585	MA111	DIODE	1	
D6601	MA8240M	ZENER DIODE	1	
D6602	B0ECHP000003	DIODE	1	
D6603	MA8240M	ZENER DIODE	1	
D6604	MA111	DIODE	1	
D6605	MA8051L	ZENER DIODE	1	
D6606	B0HCMM000014	DIODE	1	
D6607	MA111	DIODE	1	
D6610	MAZ81500ML	ZENER DIODE	1	
D6611-13	MA111	DIODE	3	
D6616	MA111	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6619,20	B0HCKS000002	DIODE	2	
D6621	B0HDSM000005	DIODE	1	
D6623	B0HDSM000005	DIODE	1	
D6625	B0HDSM000005	DIODE	1	
D6627	B0HDSM000005	DIODE	1	
D6629,30	B0HDSM000005	DIODE	2	
D6641,42	B0HCKS000002	DIODE	2	
D6643	B0JCME000037	DIODE	1	
D6644	B0HCKS000002	DIODE	1	
D6653	B0JCME000037	DIODE	1	
D6661	MA111	DIODE	1	
D6662-64	MA8330M	ZENER DIODE	3	
D6665	MA8051L	ZENER DIODE	1	
D6666,67	MA111	DIODE	2	
D6682	B0HCMM000014	DIODE	1	
D6683,84	MA111	DIODE	2	
D6686,87	MA111	DIODE	2	
D6701,02	MA8056H	ZENER DIODE	2	
D6721	B0HCKS000002	DIODE	1	
D6723,24	B0JCME000037	DIODE	2	
D6725	B0ECHP000003	DIODE	1	
D6726-33	MA8056H	ZENER DIODE	8	
D6734	MA111	DIODE	1	
D6752	B0JCME000037	DIODE	1	
D6758	B0ECHP000003	DIODE	1	
D6760,61	MA111	DIODE	2	
D6763	MA111	DIODE	1	
D6771	B0JCME000037	DIODE	1	
D6773	B0HCKS000002	DIODE	1	
D6791	MA8200M	ZENER DIODE	1	
D6802	B0BC01000044	ZENER DIODE	1	
D6803	B0HCKS000002	DIODE	1	
D6804	B0ECHP000003	DIODE	1	
D6805	MA111	DIODE	1	
D6806	B0ECHP000003	DIODE	1	
D6807-10	B0HCMM000014	DIODE	4	
D6812,13	B0HCMM000014	DIODE	2	
D6820-23	MA111	DIODE	4	
D6824,25	MA8330M	ZENER DIODE	2	
D6826	MA111	DIODE	1	
D6841	B0HCKS000002	DIODE	1	
D6842,43	MA111	DIODE	2	
D6859	B0ECHP000003	DIODE	1	
D6860	B0HCKS000002	DIODE	1	
D6861	MA8051L	ZENER DIODE	1	
D6862	MA111	DIODE	1	
D6871	MA8051L	ZENER DIODE	1	
D6872	MA111	DIODE	1	
D6901,02	MA8056H	ZENER DIODE	2	
D6905,06	MA8056H	ZENER DIODE	2	
D6910	B0HDRP000002	DIODE	1	
D6913	B0HDRP000002	DIODE	1	
D6920	B0HDRP000002	DIODE	1	
D6923	B0HDRP000002	DIODE	1	
D7111-20	B0HCMM000014	DIODE	10	
D7211-20	B0HCMM000014	DIODE	10	
D7311-20	B0HCMM000014	DIODE	10	
D7415-24	B0HCMM000014	DIODE	10	
D7512-21	B0HCMM000014	DIODE	10	
D7611-20	B0HCMM000014	DIODE	10	
D7704	B3AEB0000065	DIODE	1	
D9017-19	MA3033	ZENER DIODE	3	
D9020	MA728	DIODE	1	
D9035	MA728	DIODE	1	
D9100-03	B0JCGD000002	DIODE	4	
D9105,06	B0JCGD000002	DIODE	2	
D9110	B0JCGD000002	DIODE	1	
D9300-05	MA152K	DIODE	6	
D9800	B0JCME000037	DIODE	1	
D9801	B0JCDD000002	DIODE	1	
D9802	MA728	DIODE	1	
D9804	MA152K	DIODE	1	
D9807,08	MA152K	DIODE	2	
D9812	B0JCME000037	DIODE	1	
D9813	B0JCDD000002	DIODE	1	
D9814	B0JCME000037	DIODE	1	
D9815	B0JCDD000002	DIODE	1	
DG1	K1KY80A00011	80P CONNECTOR	1	
DG2	K1KA15A00148	15P CONNECTOR	1	
DG3	K1KA30B00078	30P CONNECTOR	1	
DG5	K1KB31BA0064	31P CONNECTOR	1	
DG8,G9	K1FY119D0001	CONNECTOR	2	
DG11	K1KY30B00006	30P CONNECTOR	1	
DG20	K1MN40B00045	40P CONNECTOR	1	
DG30	K1KA15B00074	15P CONNECTOR	1	
FL3105-07	J0MAB0000199	LC FILTER	3	
FL3301,02	J0HABB000003	LC FILTER	2	
FL3303-05	J0HABB000004	LC FILTER	3	
FL3710-12	J0MAB0000199	LC FILTER	3	
FL5017,18	J0HAAA000013	LC FILTER	2	
FL5224,25	J0HAAC000045	LC FILTER	2	
FL5229,30	J0HAAC000045	LC FILTER	2	
FL5235	J0HAAC000045	LC FILTER	1	
FL5262,63	J0MAB0000164	LC FILTER	2	
FL5264,65	J0HAAC000045	LC FILTER	2	
FL5901-05	J0HAAC000045	LC FILTER	5	
FL5906-08	J0MAB0000199	LC FILTER	3	
FL7101	J0HABH000013	LC FILTER	1	
FL7201,02	J0HABH000013	LC FILTER	2	
FL7501,02	J0HABH000013	LC FILTER	2	
FL7601	J0HABH000013	LC FILTER	1	
FL9000	J0HABH000013	LC FILTER	1	
FL9302-11	J0HABH000013	LC FILTER	10	
FL9501,02	J0HABH000013	LC FILTER	2	
FL9504	F1J1E1040022	C 0.10UF, Z, 25V	1	
FL9800	J0HABH000013	LC FILTER	1	
FL9803,04	J0HABH000012	LC FILTER	2	
FL9805-07	J0HABH000013	LC FILTER	3	
G1	K1KA12A00317	12P CONNECTOR	1	
G3	K1KA03AA0150	3P CONNECTOR	1	
G4	K1KA04AA0150	4P CONNECTOR	1	
G51	K1KA30AA0009	30P CONNECTOR	1	
GH10	K1FA121E0001	121P CONNECTOR	1	
GH11	K1KY30A00017	30P CONNECTOR	1	
GK3	K1KA03BA0061	3P CONNECTOR	1	
GS52	K1KA13B00069	13P CONNECTOR	1	
H1	K1KY80A00011	80P CONNECTOR	1	
H2	K1KA15A00148	15P CONNECTOR	1	
H5,H6	K1KA15AA0288	15P CONNECTOR	2	
H15	K1KA04AA0150	4P CONNECTOR	1	
H37	K1KA03AA0190	3P CONNECTOR	1	
H37 02	K1KA03AA0190	3P CONNECTOR	1	
H40	K1KA20AA0009	20P CONNECTOR	1	
H51	K1KA30AA0009	30P CONNECTOR	1	
H53	K1KA12AA0153	12P CONNECTOR	1	
HC01	K1KA21A00011	21P CONNECTOR	1	
HC21	K1KA08AA0150	8P CONNECTOR	1	
HC22	K1KA11AA0153	11P CONNECTOR	1	
HC23	K1KA10AA0153	10P CONNECTOR	1	
IC1100	C3ABPG000145	IC	1	
IC1101	TVRP085-1	IC	1	
IC1102	TVRP089	IC	1	TH-65PV600M
IC1102	TVRP142	IC	1	TH-65PV600A
IC1103	MN103SB20RGL	IC	1	
IC1110	C0CBCAD00016	IC	1	
IC1111	C0EBY0000041	IC	1	
IC1122	C0JBAZ000851	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC1302	C3ZBN0000026	IC	1	
IC1401	C1ZBZ0003449	IC	1	
IC1501	C1ZBZ0003448	IC	1	
IC1503	C0CBCBC00190	IC	1	
IC1601	C0EBD0000221	IC	1	
IC1602,03	C3ZBN0000026	IC	2	
IC1604	TVRP047	IC	1	
IC1901	TVRP091	IC	1	
IC1902	C0JBAS000128	IC	1	
IC1903	C1AB00002641	IC	1	
IC1904	C0JBAS000251	IC	1	
IC1906	C0DBGYY00143	IC	1	
IC1907,08	C0DBEYY00043	IC	2	
IC1909	C0ZBZ0001038	IC	1	
IC2103	AN77L08M	IC	1	
IC2104	C0ABBA000168	IC	1	
IC2105	AN15862A-VT	IC	1	
IC2106	C1AB00002469	IC	1	
IC2109	C1BB00000947	IC	1	
IC2110	AN7705SP	IC	1	
IC2302	C1AB00002451	IC	1	
IC2304	C0ABBA000168	IC	1	
IC2306	C0ABBA000168	IC	1	
IC2511	B3L000000020	IC	1	
IC2551	C0DBAJB00004	IC	1	
IC3005	AN15867A-VT	IC	1	
IC3301	C0JBAZ002205	IC	1	
IC3801	C1AB00002641	IC	1	
IC3802	TVRP092	IC	1	
IC3803	C0ZBZ0001038	IC	1	
IC4013	C0CBCBF00009	IC	1	
IC4014	C0CBCAC00282	IC	1	
IC4016	C0CBCAC00275	IC	1	
IC4017	C0CBCAC00282	IC	1	
IC4018	C0CBCAC00275	IC	1	
IC4019	C1AB00002456	IC	1	
IC4020	C1AB00002202	IC	1	
IC4022	TVRP090	IC	1	
IC4025	C0FBBK000038	IC	1	
IC4026	C1AB00002535	IC	1	
IC4027	C0DBFFD00003	IC	1	
IC4028	C0ABBB000230	IC	1	
IC4029	C0CBCAC00282	IC	1	
IC4030	C0CBCBC00190	IC	1	
IC4032	C0DBGYY00052	IC	1	
IC4035	C0CBCAF00031	IC	1	
IC4037	MN84522-A	IC	1	
IC4038	C3ABQJ000048	IC	1	
IC4040	C0CBCAC00282	IC	1	
IC5009,10	C3ABRG000016	IC	2	
IC5013	MN2WS012AA-A	IC	1	
IC5016	C3ABQG000066	IC	1	
IC5019	TVRP147	IC	1	
IC5022	C0ZBZ0000804	IC	1	
IC5023	C0ZBZ0001327	IC	1	
IC5025	C3EBJC000055	IC	1	
IC5026	C1AB00001849	IC	1	
IC5035	C1AB00001858	IC	1	
IC5038	C3FBRG000004	IC	1	
IC5042	C0EBM0000026	IC	1	
IC5043	C0EBE0000336	IC	1	
IC5044	C0DBZFF00004	IC	1	
IC5045	C0DBAYY00054	IC	1	
IC5055	C0DBEZG00018	IC	1	
IC5246	C0DBAYY00054	IC	1	
IC5601	N0BG2DE00001	IC	1	
IC5602,03	EHMDD9851	LINEAR IC	2	
IC5604	C0DBZGC00067	IC	1	
IC5801	C0DBAZG00034	IC	1	
IC5900	C0DBEHG00006	IC	1	
IC6131	C0ZBZ0000895	IC	1	
IC6151	C0ZBZ0001324	IC	1	
IC6191	C0ZBZ0000895	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC6211	C0ZBZ0001325	IC	1	
IC6221	C0DBEMB00005	IC	1	
IC6241	C0JBAZ000005	IC	1	
IC6251	NJM2903M	INTEGRATED CIRCUIT	1	
IC6281	C0DBEMB00005	IC	1	
IC6471	C0DBEKA00003	IC	1	
IC6472	C0JBAA000377	IC	1	
IC6501	C0ZBZ0000895	IC	1	
IC6521	C0ZBZ0001324	IC	1	
IC6561,62	C0JBAZ000005	IC	2	
IC6581	NJM2903M	INTEGRATED CIRCUIT	1	
IC6601	C0ZBZ0001325	IC	1	
IC6602	C0JBAB000715	IC	1	
IC6610	NJM2903M	INTEGRATED CIRCUIT	1	
IC6671	C0ZBZ0001325	IC	1	
IC6681	C0ZBZ0001325	IC	1	
IC6682	C0JBAA000377	IC	1	
IC6721,22	C0JBAZ000994	IC	2	
IC6724,25	C0CBADC00089	IC	2	
IC6751	C0CBADC00089	IC	1	
IC6752	C0ZBZ0001325	IC	1	
IC6753	C0JBAB000715	IC	1	
IC6771	C0CBADC00089	IC	1	
IC6772	C0ZBZ0001325	IC	1	
IC6773,74	C0JBAA000377	IC	2	
IC6791	N0BF1FB00001	IC	1	
IC6801,02	C0DBEMB00005	IC	2	
IC6803	C0DAAMH00005	IC	1	
IC6821	C0DBEMB00005	IC	1	
IC6841	C0DBEMB00005	IC	1	
IC6861	NJM2903M	INTEGRATED CIRCUIT	1	
IC6871	NJM2903M	INTEGRATED CIRCUIT	1	
IC6901-18	AN16071A-VT	IC	18	
IC6920	C0JBAA000174	IC	1	
IC6940	C0JBAA000174	IC	1	
IC7101-06	C0JBAZ001120	IC	6	
IC7201-07	C0JBAZ001120	IC	7	
IC7211-15	C0JBAZ001120	IC	5	
IC7301-06	C0JBAZ001120	IC	6	
IC7401-06	C0JBAZ001120	IC	6	
IC7501-07	C0JBAZ001120	IC	7	
IC7511-16	C0JBAZ001120	IC	6	
IC7601-06	C0JBAZ001120	IC	6	
IC9001	TVRP123	IC	1	
IC9002	C0ZBZ0001330	IC	1	
IC9003	TVRP068-2	IC	1	
IC9007	TVRP073-1	IC	1	
IC9011	C0EBF0000431	IC	1	
IC9200	C1ZBZ0003473	IC	1	
IC9300	MN84521A-A	IC	1	
IC9301	C3ABQJ000051	IC	1	
IC9304	TVRP109-1	IC	1	
IC9400	MN84521A-A	IC	1	
IC9401	C3ABQJ000051	IC	1	
IC9402	C0JBAZ002614	IC	1	
IC9500	C1ZBZ0003463	IC	1	
IC9503-05	C0JBAZ001120	IC	3	
IC9602	PST9128NR	IC (LOGIC)	1	
IC9603	C0JBAZ002183	IC	1	
IC9800	C0DBAYY00054	IC	1	
IC9802,03	C0JBAZ001120	IC	2	
IC9806	C0DBAHD00011	IC	1	
IC9807	C0DBAYY00054	IC	1	
IC9809	C0DBAYY00054	IC	1	
JG1	K1KA12AA0153	12P CONNECTOR	1	
JG2	K1KA15A00148	15P CONNECTOR	1	
JG3	K1KA13AA0105	13P CONNECTOR	1	
JG4	K1KA04AA0150	4P CONNECTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
JK2003	K2HA204A0038	JACK	1	
JK3001	K1FB315A0005	JACK	1	
JK3100	TJB0A639	TERMINAL	1	
JK3701C	K4AK22B00002	TERMINAL BOARD	1	
JK7701	K1NA09E00080	9P CONNECTOR	1	
JK8500	K4BC02B00013	AV TERMENAL	1	
JS012	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS027	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS031	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS1100-02	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
JS1117	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS2026	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2031-33	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS2108,09	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2121-24	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
JS2300-03	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
JS2319	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS2331	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3010-15	ERJ6GEY0R00	M 0 OHM, 1/10W	6	
JS3023	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3029	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3202	J0JCC0000241	CHIP INDUCTOR	1	
JS3205	J0JCC0000241	CHIP INDUCTOR	1	
JS3206	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3215	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3230	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3237	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3244,45	J0JCC0000241	CHIP INDUCTOR	2	
JS3246	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3252	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3255	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3256	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3265,66	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3302-04	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS3352	J0JCC0000241	CHIP INDUCTOR	1	
JS3354-59	J0JCC0000241	CHIP INDUCTOR	6	
JS3362,63	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3702	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3704,05	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3707,08	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3801	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4013-15	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS4016,17	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
JS4020-24	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	
JS4027,28	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
JS4033-40	ERJ2GE0R00	M 0.0 OHM, J,0.063W	8	
JS4046	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS4103,04	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
JS4108	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS4111-13	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS4121	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-65PV600A
JS4127	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	TH-65PV600M
JS4200	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS4303,04	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS7701,02	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
K1	K1KY12B00001	12P CONNECTOR	1	
L001	J0JGC0000021	CHIP INDUCTOR COIL	1	
L007	J0JCC0000241	CHIP INDUCTOR	1	
L010,11	J0JCC0000241	CHIP INDUCTOR	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L013	J0JCC0000241	CHIP INDUCTOR	1	
L015	J0JGC0000021	CHIP INDUCTOR COIL	1	
L021	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L024	TSK1032	BEAD CHOKE	1	
L025,26	J0JCC0000241	CHIP INDUCTOR	2	
L028	J0JGC0000021	CHIP INDUCTOR COIL	1	
L031,32	J0JGC0000021	CHIP INDUCTOR COIL	2	
L1101-04	J0JHC0000078	CHIP INDUCTOR	4	
L1109	J0JHC0000078	CHIP INDUCTOR	1	
L1303,04	J0JHC0000078	CHIP INDUCTOR	2	
L1501	J0JCC0000077	CHIP INDUCTOR	1	
L1604,05	J0JHC0000078	CHIP INDUCTOR	2	
L1901	J0JHC0000078	CHIP INDUCTOR	1	
L1902,03	ERJ3GEYJ560	M 56 OHM,J,1/16W	2	
L1904,05	J0JHC0000078	CHIP INDUCTOR	2	
L2001,02	J0JCC0000364	CHIP INDUCTOR	2	
L2003,04	TSK1032	BEAD CHOKE	2	
L2007,08	TSK1032	BEAD CHOKE	2	
L2011,12	TSK1032	BEAD CHOKE	2	
L2015,16	TSK1032	BEAD CHOKE	2	
L2107	TSK1032	BEAD CHOKE	1	
L2108	J0JCC0000241	CHIP INDUCTOR	1	
L2109,10	TSK1032	BEAD CHOKE	2	
L2111,12	J0JCC0000241	CHIP INDUCTOR	2	
L2115	J0JCC0000241	CHIP INDUCTOR	1	
L2117	ELESE6R8KA	PEAKING COIL	1	
L2118	EXCELDR35C	BEAD CHOKE	1	
L2123	J0JCC0000241	CHIP INDUCTOR	1	
L2178,79	J0JCC0000241	CHIP INDUCTOR	2	
L2182-87	J0JCC0000241	CHIP INDUCTOR	6	
L2204	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L2205,06	J0JCC0000241	CHIP INDUCTOR	2	
L2300-03	G0C330MA0049	PEAKING COIL	4	
L2308	TALL08N3R9MA	INDUCTION COIL	1	
L2551	G0A2R7ZA0021	CHOKE COIL	1	
L3000	G0C101K00023	PEAKING COIL	1	
L3001-03	TSK1032	BEAD CHOKE	3	
L3009,10	TSK1032	BEAD CHOKE	2	
L3013	TSK1032	BEAD CHOKE	1	
L3026	TSK1032	BEAD CHOKE	1	
L3212	TSK1032	BEAD CHOKE	1	
L3216	J0JGC0000021	CHIP INDUCTOR COIL	1	
L3219	J0JGC0000021	CHIP INDUCTOR COIL	1	
L3700,01	J0JCC0000364	CHIP INDUCTOR	2	
L3707,08	TSK1032	BEAD CHOKE	2	
L3801	J0JHC0000078	CHIP INDUCTOR	1	
L3802,03	ERJ3GEYJ560	M 56 OHM,J,1/16W	2	
L3804,05	J0JHC0000078	CHIP INDUCTOR	2	
L4021	J0JHC0000078	CHIP INDUCTOR	1	
L4023	J0JHC0000078	CHIP INDUCTOR	1	
L4027	J0JBC0000080	CHIP INDUCTOR	1	
L4028,29	J0JHC0000078	CHIP INDUCTOR	2	
L4031,32	J0JHC0000078	CHIP INDUCTOR	2	
L4033	TALC168T100K	CHIP INDUCTOR COIL	1	
L4034	J0JCC0000077	CHIP INDUCTOR	1	
L4037	J0JCC0000077	CHIP INDUCTOR	1	
L4038	J0JHC0000078	CHIP INDUCTOR	1	
L4040	J0JHC0000078	CHIP INDUCTOR	1	
L4042,43	J0JHC0000078	CHIP INDUCTOR	2	
L4046	J0JHC0000078	CHIP INDUCTOR	1	
L4048	J0JHC0000078	CHIP INDUCTOR	1	
L4049	J0JBC0000080	CHIP INDUCTOR	1	
L4050,51	J0JHC0000078	CHIP INDUCTOR	2	
L4052	J0JCC0000077	CHIP INDUCTOR	1	
L4053-55	J0JHC0000078	CHIP INDUCTOR	3	
L4056,57	J0JCC0000077	CHIP INDUCTOR	2	
L4060,61	J0JCC0000077	CHIP INDUCTOR	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L4063	TALC168T100K	CHIP INDUCTOR COIL	1	
L4066	J0JHC0000078	CHIP INDUCTOR	1	
L4071	J0JBC0000080	CHIP INDUCTOR	1	
L4073	J0JHC0000078	CHIP INDUCTOR	1	
L4076	J0JHC0000078	CHIP INDUCTOR	1	
L4078	J0JHC0000078	CHIP INDUCTOR	1	
L5024	J0JHC0000045	CHIP INDUCTOR	1	
L5027	J0JHC0000045	CHIP INDUCTOR	1	
L5030,31	J0JHC0000045	CHIP INDUCTOR	2	
L5034	J0JHC0000045	CHIP INDUCTOR	1	
L5049,50	J0JHC0000045	CHIP INDUCTOR	2	
L5051	J0JCC0000241	CHIP INDUCTOR	1	
L5053	J0JJC0000015	CHIP INDUCTOR	1	
L5054-56	J0JHC0000045	CHIP INDUCTOR	3	
L5075	J0JHC0000045	CHIP INDUCTOR	1	
L5095,96	J0JHC0000045	CHIP INDUCTOR	2	
L5098	J0JHC0000045	CHIP INDUCTOR	1	
L5099	TSK1032	BEAD CHOKE	1	
L5100	G1C1R5ZA0083	INDUCTION COIL	1	
L5101	J0JHC0000045	CHIP INDUCTOR	1	
L5102	G1C3R3ZA0083	INDUCTION COIL	1	
L5103	G1C100MA0203	INDUCTION COIL	1	
L5104	J0JHC0000045	CHIP INDUCTOR	1	
L5105	G1C100MA0077	INDUCTION COIL	1	
L5106	J0JCC0000241	CHIP INDUCTOR	1	
L5602	TALL08N2R7MA	INDUCTION COIL	1	
L5604	TALL08N2R7MA	INDUCTION COIL	1	
L5606,07	G0A220GA0002	CHOKE COIL	2	
L5608	G1C100MA0072	INDUCTION COIL	1	
L5609	G0A220GA0002	CHOKE COIL	1	
L5610	G1C470MA0077	INDUCTION COIL	1	
L5612	TALL08N2R7MA	INDUCTION COIL	1	
L5615	TALL08N150KA	INDUCTION COIL	1	
L5621,22	G0C330MA0056	PEAKING COIL	2	
L5623	G0C150MA0056	PEAKING COIL	1	
L5624	G0C330MA0056	PEAKING COIL	1	
L5651	G0A220GA0002	CHOKE COIL	1	
L5681	G0A220GA0002	CHOKE COIL	1	
L5682	G0C330MA0056	PEAKING COIL	1	
L5683	G0A150ZA0037	CHOKE COIL	1	
L5684	G0A220GA0002	CHOKE COIL	1	
L5685	G0A100GA0013	CHOKE COIL	1	
L5801	G0C101K00023	PEAKING COIL	1	
L5802	TALL08N101KA	INDUCTION COIL	1	
L5877,78	J0JCC0000241	CHIP INDUCTOR	2	
L5900,01	J0JHC0000045	CHIP INDUCTOR	2	
L5903	J0JHC0000045	CHIP INDUCTOR	1	
L5904	G1C100MA0203	INDUCTION COIL	1	
L6001-06	G0CR60KA0118	PEAKING COIL	6	
L6008	G0CR60KA0118	PEAKING COIL	1	
L6012-15	G0CR96KA0118	PEAKING COIL	4	
L6017	G0CR96KA0118	PEAKING COIL	1	
L6040	G0ZZ00002183	PEAKING COIL	1	
L6061-79	G0ZZ00002183	PEAKING COIL	19	
L6081-99	G0ZZ00002183	PEAKING COIL	19	
L6101,02	J0JJC0000011	CHIP INDUCTOR	2	
L6103	G0ZZ00002183	PEAKING COIL	1	
L6105-08	J0JJC0000011	CHIP INDUCTOR	4	
L6161-64	G0ZZ00002183	PEAKING COIL	4	
L6181-85	G0ZZ00002183	PEAKING COIL	5	
L6211-13	J0JJC0000011	CHIP INDUCTOR	3	
L6221,22	G0ZZ00002183	PEAKING COIL	2	
L6241	G0ZZ00002183	PEAKING COIL	1	
L6262	G0ZZ00002183	PEAKING COIL	1	
L6271	G0ZZ00002183	PEAKING COIL	1	
L6291	G0ZZ00002183	PEAKING COIL	1	
L6398,99	J0JJC0000011	CHIP INDUCTOR	2	
L6401-07	G0CR60KA0118	PEAKING COIL	7	
L6411-17	G0C1R4KA0118	PEAKING COIL	7	
L6441-48	G0ZZ00002183	PEAKING COIL	8	
L6451-58	G0ZZ00002183	PEAKING COIL	8	
L6461-68	G0ZZ00002183	PEAKING COIL	8	
L6471-88	G0ZZ00002183	PEAKING COIL	18	
L6491-98	G0ZZ00002183	PEAKING COIL	8	
L6591,92	G0ZZ00002183	PEAKING COIL	2	
L6601,02	G0ZZ00002183	PEAKING COIL	2	
L6680	G0ZZ00002183	PEAKING COIL	1	
L6801,02	J0JJC0000011	CHIP INDUCTOR	2	
L6841	J0JJC0000011	CHIP INDUCTOR	1	
L7721	TSK1032	BEAD CHOKE	1	
L8501	G0A2R5H00003	CHOKE COIL	1	
L8502	G0A2R5H00003	CHOKE COIL	1	
L9501,02	J0JHC0000078	CHIP INDUCTOR	2	
L9503	G1C150KA0038	INDUCTION COIL	1	
L9504,05	J0JHC0000078	CHIP INDUCTOR	2	
L9800	G1C3R0MA0248	INDUCTION COIL	1	
L9801,02	G1C2R2MA0241	INDUCTION COIL	2	
L9810	J0JHC0000045	CHIP INDUCTOR	1	
PA2	K1KA05AA0192	5P CONNECTOR	1	
PA5	K1KA11AA0194	11P CONNECTOR	1	
PA10	K1KA06A00452	6P CONNECTOR	1	
PA20	K1MN40A00024	40P CONNECTOR	1	
PA31-36	K1KA03AA0192	3P CONNECTOR	6	
PA40	K1KA20AA0009	20P CONNECTOR	1	
PA1101	K5H8012A0023	FUSE	1	
PA2055	K5H1622A0023	FUSE	1	
PA3100	K5H1622A0023	FUSE	1	
PA3104	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
PA9800	K5H4022A0023	FUSE	1	
PC6480	B3PBA0000223	IC	1	
PC6610	B3PBA0000223	IC	1	
PC6701-03	B3PBA0000233	IC	3	
PC6704	B3PBA0000234	IC	1	
PC6705	B3PBA0000233	IC	1	
PC6760	B3PBA0000223	IC	1	
PC6801	B3PBA0000223	IC	1	
PC6861	B3PBA0000223	IC	1	
PC6871	B3PBA0000223	IC	1	
Q002	2SA207700L	TRANSISTOR	1	
Q1100,01	B1ABDF000034	TRANSISTOR	2	
Q1103	B1ABDF000034	TRANSISTOR	1	
Q1108	B1ABDF000034	TRANSISTOR	1	
Q1109,10	B1CBHD000002	FET	2	
Q1111	B1ABDF000034	TRANSISTOR	1	
Q1113-16	B1ABDF000034	TRANSISTOR	4	
Q1130,31	B1ABDF000034	TRANSISTOR	2	
Q1134-37	B1ABDF000034	TRANSISTOR	4	
Q1139-44	B1ABDF000034	TRANSISTOR	6	
Q1145	2SA207700L	TRANSISTOR	1	
Q1146	B1ABDF000034	TRANSISTOR	1	
Q1301,02	B1CBHD000002	FET	2	
Q1601	B1ABDF000034	TRANSISTOR	1	
Q1901,02	B1ABDF000034	TRANSISTOR	2	
Q1904	B1ABDF000034	TRANSISTOR	1	
Q1905,06	2SK1228	FET	2	
Q1907	B1ABDF000034	TRANSISTOR	1	
Q2001,02	B1ABDF000034	TRANSISTOR	2	
Q2011	2SA207700L	TRANSISTOR	1	
Q2012	B1ABDF000034	TRANSISTOR	1	
Q2013	2SA207700L	TRANSISTOR	1	
Q2102-05	2SA207700L	TRANSISTOR	4	
Q2106	B1ABDF000034	TRANSISTOR	1	
Q2108	B1ABDF000034	TRANSISTOR	1	
Q2113,14	B1ABDF000034	TRANSISTOR	2	
Q2300	2SA207700L	TRANSISTOR	1	
Q2301-03	2SD601A	TRANSISTOR	3	
Q2306,07	2SA207700L	TRANSISTOR	2	
Q2314-17	B1ABDF000034	TRANSISTOR	4	
Q2501	B1ABDF000034	TRANSISTOR	1	
Q2502	2SD601A	TRANSISTOR	1	
Q2503	B1ABDF000034	TRANSISTOR	1	
Q2511	2SD601A	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q2513	2SD601A	TRANSISTOR	1	
Q2551	2SK3065T100	FET	1	
Q2581	2SD601A	TRANSISTOR	1	
Q3002	2SA207700L	TRANSISTOR	1	
Q3008	2SA207700L	TRANSISTOR	1	
Q3011-15	2SA207700L	TRANSISTOR	5	
Q3017,18	2SA207700L	TRANSISTOR	2	
Q3204-07	B1ABDF000034	TRANSISTOR	4	
Q3210	2SA207700L	TRANSISTOR	1	
Q3331-33	2SC2480	TRANSISTOR	3	
Q3801,02	B1ABDF000034	TRANSISTOR	2	
Q3804	B1ABDF000034	TRANSISTOR	1	
Q4040-42	B1ABDF000034	TRANSISTOR	3	
Q4043,44	2SA207700L	TRANSISTOR	2	
Q4046	2SA207700L	TRANSISTOR	1	
Q4050	B1ABDF000034	TRANSISTOR	1	
Q4051,52	2SD1030	TRANSISTOR	2	
Q4053	B1ABDF000034	TRANSISTOR	1	
Q4054	2SD1030	TRANSISTOR	1	
Q4055-59	2SA207700L	TRANSISTOR	5	
Q4061-65	B1ABDF000034	TRANSISTOR	5	
Q4068	B1ABDF000034	TRANSISTOR	1	
Q4071	B1MBACA00008	TRANSISTOR	1	
Q4083	2SK1228	FET	1	
Q4084	B1ABDF000034	TRANSISTOR	1	
Q4918,19	B1ABDF000034	TRANSISTOR	2	
Q5022	B1MBEDA00015	TRANSISTOR	1	
Q5024	B1MBEDA00015	TRANSISTOR	1	
Q5026	B1ABDF000034	TRANSISTOR	1	
Q5027	B1ADDF000005	TRANSISTOR	1	
Q5500	B1ADDF000005	TRANSISTOR	1	
Q5601	B1DHDC000028	TRANSISTOR	1	
Q5602	2SD601A	TRANSISTOR	1	
Q5603	B1DHDC000028	TRANSISTOR	1	
Q5604,05	2SD601A	TRANSISTOR	2	
Q5610	2SD601A	TRANSISTOR	1	
Q5613	2SD601A	TRANSISTOR	1	
Q5641-43	2SA207700L	TRANSISTOR	3	
Q5644	2SD601A	TRANSISTOR	1	
Q5800	2SD601A	TRANSISTOR	1	
Q5900-02	2SA207700L	TRANSISTOR	3	
Q6001-08	2PG0010000RP	TRANSISTOR	8	
Q6021-28	2PG0010000RP	TRANSISTOR	8	
Q6031	B1ADRD000001	TRANSISTOR	1	
Q6041-44	2PG0010000RP	TRANSISTOR	4	
Q6051-54	2PG0010000RP	TRANSISTOR	4	
Q6101,02	B1DFKM000002	TRANSISTOR	2	
Q6103	B1ABNF000006	TRANSISTOR	1	
Q6104	B1ADNF000006	TRANSISTOR	1	
Q6105-08	B1DFKM000002	TRANSISTOR	4	
Q6111,12	B1DFKM000002	TRANSISTOR	2	
Q6114	B1DFKM000002	TRANSISTOR	1	
Q6115	2SD601A	TRANSISTOR	1	
Q6116	B1DFKM000002	TRANSISTOR	1	
Q6141	B1ABNF000006	TRANSISTOR	1	
Q6142	B1ADNF000006	TRANSISTOR	1	
Q6143	B1ABNF000006	TRANSISTOR	1	
Q6144	B1ADNF000006	TRANSISTOR	1	
Q6146	B1ABNF000006	TRANSISTOR	1	
Q6147	B1ADNF000006	TRANSISTOR	1	
Q6148	B1ABNF000006	TRANSISTOR	1	
Q6149	B1ADNF000006	TRANSISTOR	1	
Q6151	B1ABNF000006	TRANSISTOR	1	
Q6152	B1ADNF000006	TRANSISTOR	1	
Q6153	B1ABNF000006	TRANSISTOR	1	
Q6154	B1ADNF000006	TRANSISTOR	1	
Q6156	B1ABNF000006	TRANSISTOR	1	
Q6157	B1ADNF000006	TRANSISTOR	1	
Q6158	B1ABNF000006	TRANSISTOR	1	
Q6159	B1ADNF000006	TRANSISTOR	1	
Q6171	B1ABRD000003	TRANSISTOR	1	
Q6172	B1ADRD000001	TRANSISTOR	1	
Q6173	B1ABRD000003	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6174	B1ADRD000001	TRANSISTOR	1	
Q6181	B1ABRD000003	TRANSISTOR	1	
Q6183	B1ABRD000003	TRANSISTOR	1	
Q6184	B1ADRD000001	TRANSISTOR	1	
Q6211	B1ABNF000006	TRANSISTOR	1	
Q6212	B1ADNF000006	TRANSISTOR	1	
Q6222	2SC3063	TRANSISTOR	1	
Q6251	2SD601A	TRANSISTOR	1	
Q6256	2SD1263A	TRANSISTOR	1	
Q6281	B1ABNF000006	TRANSISTOR	1	
Q6282	B1ADNF000006	TRANSISTOR	1	
Q6401-08	2PG0010000RP	TRANSISTOR	8	
Q6421-28	2PG0030000RP	TRANSISTOR	8	
Q6441-44	2PG0010000RP	TRANSISTOR	4	
Q6451-54	2PG0030000RP	TRANSISTOR	4	
Q6501	B1ABNF000006	TRANSISTOR	1	
Q6502	B1ADNF000006	TRANSISTOR	1	
Q6503	B1ABNF000006	TRANSISTOR	1	
Q6504	B1ADNF000006	TRANSISTOR	1	
Q6505	B1ABNF000006	TRANSISTOR	1	
Q6506	B1ADNF000006	TRANSISTOR	1	
Q6507	B1ABNF000006	TRANSISTOR	1	
Q6508	B1ADNF000006	TRANSISTOR	1	
Q6521	B1ABNF000006	TRANSISTOR	1	
Q6522	B1ADNF000006	TRANSISTOR	1	
Q6523	B1ABNF000006	TRANSISTOR	1	
Q6524	B1ADNF000006	TRANSISTOR	1	
Q6525	B1ABNF000006	TRANSISTOR	1	
Q6526	B1ADNF000006	TRANSISTOR	1	
Q6527	B1ABNF000006	TRANSISTOR	1	
Q6528	B1ADNF000006	TRANSISTOR	1	
Q6531	B1ABRD000003	TRANSISTOR	1	
Q6532	B1ADRD000001	TRANSISTOR	1	
Q6533	B1ABRD000003	TRANSISTOR	1	
Q6534	B1ADRD000001	TRANSISTOR	1	
Q6551	B1ABRD000003	TRANSISTOR	1	
Q6552	B1ADRD000001	TRANSISTOR	1	
Q6553	B1ABRD000003	TRANSISTOR	1	
Q6554	B1ADRD000001	TRANSISTOR	1	
Q6581	2SD601A	TRANSISTOR	1	
Q6601	B1DFES000003	TRANSISTOR	1	
Q6602	2SD601A	TRANSISTOR	1	
Q6622,23	B1DFKM000001	TRANSISTOR	2	
Q6625-27	B1DFKM000001	TRANSISTOR	3	
Q6641-49	B1DFKM000001	TRANSISTOR	9	
Q6651-60	B1DFKM000001	TRANSISTOR	10	
Q6661	B1DEET000002	TRANSISTOR	1	
Q6662	2SD601A	TRANSISTOR	1	
Q6665	B1ABNF000006	TRANSISTOR	1	
Q6671-75	B1DFES000003	TRANSISTOR	5	
Q6679	B1ABNF000006	TRANSISTOR	1	
Q6680	B1ADNF000006	TRANSISTOR	1	
Q6681,82	2SK389500L	FET	2	
Q6691	2SK620	FET	1	
Q6742,43	2SD601A	TRANSISTOR	2	
Q6744	2SK620	FET	1	
Q6762,63	B1ADNF000006	TRANSISTOR	2	
Q6781	B1ABNF000006	TRANSISTOR	1	
Q6782	B1ADNF000006	TRANSISTOR	1	
Q6783	B1ABNF000006	TRANSISTOR	1	
Q6784	B1ADNF000006	TRANSISTOR	1	
Q6791	2SD601A	TRANSISTOR	1	
Q6803	2SD814A	TRANSISTOR	1	
Q6821	2SD1263A	TRANSISTOR	1	
Q6822	2SC3063	TRANSISTOR	1	
Q6824	2SD601A	TRANSISTOR	1	
Q6841	2SD1263A	TRANSISTOR	1	
Q6842	2SC1473A	TRANSISTOR	1	
Q9044	2SD601A	TRANSISTOR	1	
Q9046	2SD601A	TRANSISTOR	1	
Q9049	2SB709A	TRANSISTOR	1	
Q9050-54	2SD601A	TRANSISTOR	5	
Q9057,58	B1CBHD000002	FET	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q9100	2SD601A	TRANSISTOR	1	
Q9200,01	B1CBHD000002	FET	2	
Q9300-06	2SD601A	TRANSISTOR	7	
Q9800,01	B1MBEDA00015	TRANSISTOR	2	
Q9803	B1MBEDA00015	TRANSISTOR	1	
Q9805,06	2SD601A	TRANSISTOR	2	
R001	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R4	K1KA04BA0061	4P CONNECTOR	1	
R005	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R008	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R009	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R011	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R012,13	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R014	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R016	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R017-20	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	
R021	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R022	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R023,24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R027	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R028	ERJ3EKF1503	M 150KOHM, 1/16W	1	
R029	ERJ3EKF2703	M 270KOHM, 1/16W	1	
R1018	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1029	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1101	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1102,03	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1105,06	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1113	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
R1116	ERJ2GEJ562	M 5.6KOHM,J,0.063W	1	
R1117	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1118,19	EXB2HV680J	RESISTOR ARRAY	2	
R1121,22	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1123	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1124,25	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R1128	ERJ2GEJ122	M 1.2KOHM, J,0.063W	1	
R1131,32	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1133,34	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R1140,41	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R1146	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1147,48	D1HG5608A002	NETWORK RESISTER	2	
R1149	EXB2HV680J	RESISTOR ARRAY	1	
R1151	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1152	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1153	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1154	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1156	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1157	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1158	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1159	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1160	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1162	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1164	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1165	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1168,69	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1174	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1175	ERJ2GEJ563	M 56KOHM ,J,0.063W	1	
R1176	ERJ2GEJ123X	M 12KOHM ,J,0.063W	1	
R1177	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1181	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1182	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
R1183	EXB28V680JX	RESISTOR ARRAY	1	
R1184	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1187	EXB2HV680J	RESISTOR ARRAY	1	
R1188,89	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1199	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1200	EXB2HV680J	RESISTOR ARRAY	1	
R1203	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1204	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1207	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1208	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1211	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1212,13	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1214	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1215-17	ERJ2GEJ101	M 100 OHM, J,0.063W	3	
R1218	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1219	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1220	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1221	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
R1222	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R1223	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1224	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1225,26	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1228	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1229	ERJ2GEJ182	M 1.8KOHM, J,0.063W	1	
R1230	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1231	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1232,33	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R1234	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1235,36	ERJ2GEJ272	M 2.7KOHM, J,0.063W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1237	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1239	ERJ3EKF1202	M 12KOHM, 1/16W	1	
R1241	ERJ2GEJ822	M 8.2KOHM, J,0.063W	1	
R1243	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1246	ERJ2GEJ912	M 9.1KOHM, J,0.063W	1	
R1248	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1249	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1250	ERJ2GEJ564X	M 560KOHM, J,0.063W	1	
R1251,52	EXB2HV101J	RESISTOR ARRAY	2	
R1254	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1256	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1258	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1260-62	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R1263,64	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1265,66	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1268	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1269	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1270,71	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1273	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1275	ERJ3EKF7151	M7.15KOHM, 1/16W	1	
R1279,80	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1281	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1282	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1283	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1284	ERJ2GEJ682	M 6.8KOHM, J,0.063W	1	
R1290	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1299-02	ERJ2GE0R00	M 0.0 OHM, J,0.063W	4	
R1307	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1308	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1309-12	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R1313,14	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1315	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
R1316	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1318,19	ERJ2GEJ512X	M5.12KOHM, J,0.063W	2	
R1321	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1322	ERJ2GEJ100	M 10 OHM, J,0.063W	1	
R1323,24	ERJ2GEJ823	M 82KOHM, J,0.063W	2	
R1325,26	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1327,28	ERJ2GEJ683	M 68KOHM, J,0.063W	2	
R1329,30	ERJ2GEJ473	M 47KOHM,J,0.063W	2	
R1331,32	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1333	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1340	ERJ2GEJ473	M 47KOHM,J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1344	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1348	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1351	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1352	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1354	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1363	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1367	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
R1368	ERJ2GEJ183	M 18KOHM ,J,0.063W	1	
R1372	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1375	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1376	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1377	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R1379	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R1382,83	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1384	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1389	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1400	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1405,06	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1408	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1410	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1412,13	ERJ2GEJ104	M 100KOHM, J,0.063W	2	
R1414	EXB28V680JX	RESISTOR ARRAY	1	
R1416	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1417	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1426-32	ERJ8GEY0R00	M 0 OHM, 1/8W	7	
R1434	EXB28V820JX	RESISTOR ARRAY	1	
R1435	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1436	EXB2HV470JV	RESISTOR ARRAY	1	
R1437,38	ERJ2GEJ470	M 47 OHM, J,0.063W	2	
R1440-43	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R1445	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1447	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R1450	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1452	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1453	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1454	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1457	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1458,59	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1460	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1466	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
R1467	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1470	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1472,73	D1HG1038A002	NETWORK RESISTER	2	
R1474	ERJ8GEY0R00	M 0 OHM, 1/8W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1475,76	D1HG1038A002	NETWORK RESISTER	2	
R1480	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1490,91	D1HG1038A002	NETWORK RESISTER	2	
R1494	D1HG1038A002	NETWORK RESISTER	1	
R1496,97	ERJ2GEJ470	M 47 OHM, J,0.063W	2	
R1498-00	ERJ2GEJ101	M 100 OHM, J,0.063W	3	
R1501	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1530,31	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1532	ERJ2GEJ471	M 470 OHM, J,0.063W	1	
R1537	ERJ2GEJ301	M 300 OHM, J,0.063W	1	
R1538	ERJ2GEJ561	M 60 OHM, J,0.063W	1	
R1540	ERJ2GEJ471	M 470 OHM, J,0.063W	1	
R1543	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1544	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1545	ERJ2GEJ301	M 300 OHM, J,0.063W	1	
R1546	ERJ2GEJ561	M 60 OHM, J,0.063W	1	
R1556	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R1559	ERJ2GEJ271	M 270 OHM, J,0.063W	1	
R1560	EXB2HV220JV	RESISTOR ARRAY	1	
R1561,62	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1563	EXB2HV220JV	RESISTOR ARRAY	1	
R1564-68	ERJ2GEJ220	M 22 OHM, J,0.063W	5	
R1585	D1HG1038A002	NETWORK RESISTER	1	
R1586-92	ERJ2GEJ103	M 10KOHM, J,0.063W	7	
R1595,96	D1HG8208A002	NETWORK RESISTER	2	
R1597,98	EXB2HV680J	RESISTOR ARRAY	2	
R1599-01	ERJ2GEJ220	M 22 OHM, J,0.063W	3	
R1602-04	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R1605,06	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1607	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R1608,09	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1610-15	EXB38VR000	RESISTOR ARRAY	6	
R1616	EXB2HV220JV	RESISTOR ARRAY	1	
R1617,18	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1619	EXB2HV220JV	RESISTOR ARRAY	1	
R1620-24	ERJ2GEJ220	M 22 OHM, J,0.063W	5	
R1625	EXB2HV470JV	RESISTOR ARRAY	1	
R1626,27	ERJ2GEJ470	M 47 OHM, J,0.063W	2	
R1629	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1631	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R1632	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1633	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1635	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R1636	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1640	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1642	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1644-46	ERJ2GEJ472	M 4.7KOHM, J,0.063W	3	
R1648	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1650	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1652	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1654	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1656	EXB28V820JX	RESISTOR ARRAY	1	
R1657	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1658	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R1659	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1660	ERJ2GEJ121	M 120 OHM, J,0.063W	1	
R1661	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1662	ERJ2GEJ121	M 120 OHM, J,0.063W	1	
R1663	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1664	ERJ2GEJ121	M 120 OHM, J,0.063W	1	
R1666,67	ERJ2GEJ121	M 120 OHM, J,0.063W	2	
R1669	ERJ2GEJ121	M 120 OHM, J,0.063W	1	
R1671-74	ERJ2GEJ121	M 120 OHM, J,0.063W	4	
R1675	D1HG8208A002	NETWORK RESISTER	1	
R1676	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1677-83	D1HG8208A002	NETWORK RESISTER	7	
R1684-89	ERJ2GEJ820	M 82 OHM, J,0.063W	6	
R1690	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1691,92	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1694	ERJ2GEJ820	M 82 OHM, J,0.063W	1	
R1695	D1HG8208A002	NETWORK RESISTER	1	
R1696	ERJ2GEJ820	M 82 OHM, J,0.063W	1	
R1697	D1HG8208A002	NETWORK RESISTER	1	
R1698	EXB28V820JX	RESISTOR ARRAY	1	
R1699,00	D1HG8208A002	NETWORK RESISTER	2	
R1701-06	ERJ2GEJ820	M 82 OHM, J,0.063W	6	
R1707-10	ERJ2GE0R00	M 0.0 OHM, J,0.063W	4	
R1711	ERJ2GEJ562	M 5.6KOHM,J,0.063W	1	
R1713,14	EXB2HV220JV	RESISTOR ARRAY	2	
R1715-17	ERJ2GEJ220	M 22 OHM, J,0.063W	3	
R1718	EXB2HV220JV	RESISTOR ARRAY	1	
R1719,20	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1721	EXB2HV220JV	RESISTOR ARRAY	1	
R1722,23	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1725	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1726	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R1727-30	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R1731	EXB2HV680J	RESISTOR ARRAY	1	
R1732-34	EXB28V680JX	RESISTOR ARRAY	3	
R1735	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1737	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
R1738,39	ERJ2GEJ561	M 60 OHM, J,0.063W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1743	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
R1901,02	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1903-05	ERJ2GEJ220	M 22 OHM, J,0.063W	3	
R1906	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1907	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1910	ERJ2GEJ390	M 39 OHM, J,0.063W	1	
R1913-20	ERJ2GEJ2R7X	M 2.7OHM, J,0.063W	8	
R1921,22	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1924,25	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R1926	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1927,28	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1929,30	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R1931	ERJ3EKF4701	M 4.7KOHM, 1/16W	1	
R1932	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1934,35	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1938	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1939,40	ERJ2GEJ560	M 56 OHM, J,0.063W	2	
R1941-48	ERJ2GE0R00	M 0.0 OHM, J,0.063W	8	
R1949	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1951	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R1952-54	ERJ8GEY0R00	M 0 OHM, 1/8W	3	
R1957,58	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R1960,61	ERJ3GEYJ100	M 10 OHM,J,1/16W	2	
R1962,63	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R1964	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R2005	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2006-11	ERJ6GEYJ223	M 22KOHM,J,1/10W	6	
R2012	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2013,14	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R2015,16	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2042	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R2043	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2044	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2045,46	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2048	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2049,50	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2051,52	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R2053	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2054	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2113,14	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2116	J0JCC0000241	CHIP INDUCTOR	1	
R2124,25	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2126,27	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2128,29	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2130	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2131	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	
R2132	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2133	ERJ3GEY0R00	M 0 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2137	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R2138	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2147	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2148,49	ERJ3EKF6342	M6.34KOHM, 1/16W	2	
R2152	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2153	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2154	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2155,56	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2158	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2160	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2162	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2164	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2165,66	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R2167	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2168,69	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R2170-77	ERJ3GEYJ221	M 220 OHM,J,1/16W	8	
R2181	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2182,83	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R2184-87	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R2188	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2192,93	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2195,96	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2197	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2202	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2203	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2204	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R2208	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2209	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R2210	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R2211	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2213	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2214	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R2215	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2219	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2220	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R2227	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2230,31	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2232,33	ERJ3GEYJ153	M 15KOHM,J,1/16W	2	
R2234-37	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R2238,39	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2251,52	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2310,11	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2312	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2323,24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2325	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2329	ERJ3EKF1003	M 100KOHM, 1/16W	1	
R2332	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2341	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2349	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2357	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2359	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2360	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2361	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2363	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2364	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2365	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2366	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2368	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2369	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R2372,73	ERJ6GEYJ681	M 680 OHM,J,1/10W	2	
R2375	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2376	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R2379,80	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R2383	ERJ3EKF4021	M 402 OHM, 1/16W	1	
R2384	ERJ3EKF4530	M 453 OHM, 1/16W	1	
R2387	ERJ3EKF4530	M 453 OHM, 1/16W	1	
R2388	ERJ3EKF4021	M 402 OHM, 1/16W	1	
R2397,98	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R2399	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2400	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2401,02	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2403	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2404,05	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R2406	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2407	ERJ3EKF1241	M1.24KOHM, 1/16W	1	
R2408	ERJ3EKF1071	M1.07KOHM, 1/16W	1	
R2409	ERJ3EKF1621	M1.62KOHM, 1/16W	1	
R2410	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2421	ERJ3EKF1621	M1.62KOHM, 1/16W	1	
R2422	ERJ3EKF7870	M 787 OHM, 1/16W	1	
R2501	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2502	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2503	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2504	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2505	ERJ6GEYJ821	M 820 OHM,J,1/10W	1	
R2506	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R2507	ERJ3GEYJ184	M 180KOHM,J,1/16W	1	
R2508	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2509	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2511	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2512	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	(H-BOARD)
R2512	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	(K-BOARD)
R2513	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2514	ERJ3GEYJ203	M 20KOHM,J,1/16W	1	
R2515	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2516	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2517,18	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2519	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2520	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R2521	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2524	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2525	ERJ3EKF5760	M 576 OHM, 1/16W	1	
R2530	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2531	ERJ3EKF2700	M 270 OHM, 1/16W	1	
R2551	ERJ6ENF8202	M 82KOHM, 1/10W	1	
R2552	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R2556,57	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R2558	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2581	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R2583	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2584	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2585	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R2586	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2588	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3001-10	ERJ6ENF75R0	M 75 OHM, 1/10W	10	
R3011	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3012	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3020	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R3021,22	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3027	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3039	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3044,45	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3048	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R3049	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3050	ERJ3GEYJ242	M 2.4KOHM,J,1/16W	1	
R3051	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3057,58	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3059,60	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3061	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3062-64	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3068	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3070	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3072-75	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R3076	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3080	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3087,88	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3089,90	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3092	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3094,95	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3096	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3097	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3099-01	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3102	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3104	ERJ3EKF1301	M 1.3KOHM, 1/16W	1	
R3105-07	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3111-14	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3115-18	ERJ3GEYJ101	M 100 OHM,J,1/16W	4	
R3119,20	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3121	ERJ3EKF1300V	M 130 OHM, 1/16W	1	
R3122	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3123	ERJ3EKF1300V	M 130 OHM, 1/16W	1	
R3124	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R3125	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3126	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3127	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3128	ERJ3EKF1301	M 1.3KOHM, 1/16W	1	
R3129	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3134	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3135	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3138	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3139	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3140	ERJ3EKF1300V	M 130 OHM, 1/16W	1	
R3141	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3142	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R3160,61	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3167	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3174-76	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3206	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3213,14	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3215	J0JCC0000241	CHIP INDUCTOR	1	
R3219	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3222	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3224	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3227-29	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3233,34	ERJ6ENF75R0	M 75 OHM, 1/10W	2	
R3238	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3239-42	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R3250,51	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3253	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3254	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3255	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R3256	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3259	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3261-64	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3266,67	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3286	J0JCC0000241	CHIP INDUCTOR	1	
R3302	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3305	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3306,07	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R3308,09	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R3310	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3312	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3313	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3317	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3318	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3320	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3323,24	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R3330	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3336	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3337	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3338	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3339	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3340	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3341	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3342	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3343	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3344	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3345	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3346	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3347	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3348,49	ERJ3GEYJ680	M 68 OHM,J,1/16W	2	
R3350-52	ERJ3GEYJ510	M 51 OHM,J,1/16W	3	
R3353	ERJ3EKF2703	M 270KOHM, 1/16W	1	
R3354	ERJ3EKF1503	M 150KOHM, 1/16W	1	
R3408,09	ERJ3GEYJ361	M 360 OHM,J,1/16W	2	
R3703,04	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3709-11	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3714	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3716,17	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3721	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3732	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3733	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3746	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3748	ERJ6GEY0R00	M 0 OHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3750	ERJ6ENF1432	M14.3KOHM, 1/10W	1	
R3751	ERJ6ENF6651	M6.65KOHM, 1/10W	1	
R3752	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R3753	ERJ6ENF1621	M1.62KOHM, 1/10W	1	
R3754	ERJ6ENF2321	M2.32KOHM, 1/10W	1	
R3755	ERJ6ENF3161	M3.16KOHM, 1/10W	1	
R3756	ERJ6GEYJ820	M 82 OHM,J,1/10W	1	
R3757-64	ERJ6GEY0R00	M 0 OHM, 1/10W	8	
R3801,02	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R3804,05	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R3806	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R3807,08	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R3809,10	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R3811	ERJ3EKF4701	M 4.7KOHM, 1/16W	1	
R3812	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R3814	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R3815	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R3816	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R3818	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R3821	ERJ2GEJ390	M 39 OHM, J,0.063W	1	
R3822	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R3824-31	ERJ2GEJ4R7X	M 4.7OHM, J,0.063W	8	
R3832	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R3834	ERJ3EKF49R9	M 49.9 OHM, 1/16W	1	
R4001	ERJ3EKF1211	M1.21KOHM, 1/16W	1	
R4004	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4008	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4010	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4018	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4021	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4022	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R4023	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4024,25	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4027	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R4032,33	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4036,37	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R4040,41	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4045,46	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4068,69	ERJ2GEJ221	M 220 OHM, J,0.063W	2	
R4101	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4257	ERJ3EKF3302	M 33KOHM, 1/16W	1	
R4265	ERJ3EKF3242	M32.4KOHM, 1/16W	1	
R4269	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4271,72	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4286,87	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4293	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4338-42	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	
R4433	ERJ2GEJ361X	M 360 OHM, J,0.063W	1	
R4435	ERJ2GEJ181	M 180 OHM, J,0.063W	1	
R4437	ERJ2GEJ181	M 180 OHM, J,0.063W	1	
R4439	ERJ3GEYJ361	M 360 OHM,J,1/16W	1	
R4440,41	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R4442,43	ERJ3EKF5600	M 560 OHM, 1/16W	2	
R4444,45	ERJ3EKF3601	M 3.6KOHM, 1/16W	2	
R4447	ERJ3EKF9100	M 910 OHM, 1/16W	1	
R4449	ERJ3EKF1371	M 13.7 OHM, 1/16W	1	
R4450,51	ERJ6GEYJ821	M 820 OHM,J,1/10W	2	
R4454	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R4457	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4465	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R4466,67	ERJ2GEJ330	M 33 OHM, J,0.063W	2	
R4469,70	ERJ3EKF1500	M 150 OHM, 1/16W	2	
R4474	ERJ3EKF1211	M1.21KOHM, 1/16W	1	
R4476	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4477,78	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R4479,80	ERJ3EKF4220	M 422 OHM, 1/10W	2	
R4481	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4482,83	ERJ3EKF1781	M1.78KOHM, 1/16W	2	
R4484,85	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4486	ERJ3EKF4870	M 487 OHM, 1/16W	1	
R4487	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R4488	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R4489	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R4490	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4491	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4492	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4495	ERJ3EKF4302	M 43KOHM, 1/16W	1	
R4496-99	ERJ6GEYJ102	M 1KOHM,J,1/10W	4	
R4500	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	
R4501,02	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R4503	ERJ3EKF1600	M 160 OHM, 1/16W	1	
R4507,08	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4510	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4514-16	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R4517	ERJ3EKF1371	M 13.7 OHM, 1/16W	1	
R4519	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4520	ERJ3EKF1691	M1.69KOHM, 1/16W	1	
R4521,22	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4523-25	ERJ3EKF33R0	M 33 OHM, 1/16W	3	
R4526	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R4527	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4528-30	ERJ3EKF33R0	M 33 OHM, 1/16W	3	
R4531	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	
R4532	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R4533	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4534,35	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R4536-38	ERJ3EKF1500	M 150 OHM, 1/16W	3	
R4539	ERJ3EKF1001	M 1KOHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4541	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4543	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4544	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4545-47	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R4548	ERJ2GEJ911X	M 910 OHM, J,0.063W	1	
R4549	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4550	EXB28V220J	RESISTOR ARRAY	1	
R4551	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4552	EXB28V220J	RESISTOR ARRAY	1	
R4553	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4554	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4555	EXB28V220J	RESISTOR ARRAY	1	
R4556,57	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4560,61	EXB28V220J	RESISTOR ARRAY	2	
R4562	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4563-65	ERJ2GEJ220	M 22 OHM, J,0.063W	3	
R4566	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4567	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4568	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4569	D1HG5608A002	NETWORK RESISTER	1	
R4570,71	EXB28V560JX	RESISTOR ARRAY	2	
R4572	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4575	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4577-79	ERJ2GEJ222	M 2.2KOHM, J,0.063W	3	
R4583	ERJ2GEJ390	M 39 OHM, J,0.063W	1	
R4589-96	ERJ2GEJ2R7X	M 2.7OHM, J,0.063W	8	
R4605	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4607	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4610	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4612	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4617	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4619	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R4620	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4624	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R4631,32	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R4633	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4637	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4639	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4640	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4641	EXB28V330J	RESISTOR ARRAY	1	
R4642-45	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R4647	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4648	ERJ2GEJ330	M 33 OHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4655	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4657	ERJ2GEJ182	M 1.8KOHM, J,0.063W	1	
R4658	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4661	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4662	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4665	EXB2HV220JV	RESISTOR ARRAY	1	
R4667	EXB2HV220JV	RESISTOR ARRAY	1	
R4668	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4669	EXB2HV220JV	RESISTOR ARRAY	1	
R4672,73	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4675	ERJ3EKF1802	M 18KOHM, 1/16W	1	
R4677	ERJ3EKF1802	M 18KOHM, 1/16W	1	
R4679,80	ERJ3EKF2202	M 22KOHM, 1/16W	2	
R4681,82	ERJ3EKF3302	M 33KOHM, 1/16W	2	
R4701	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4706	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4708,09	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R4711	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4713,14	EXB2HV221JV	RESISTOR ARRAY	2	
R4715	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4718-20	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R4727	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4729	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R4730	ERJ3EKF4700	M 470 OHM, 1/16W	1	
R4731	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4732	ERJ3EKF4751	M 4.75KOHM, 1/16W	1	
R4733	ERJ3EKF75R0	M 0.75HM, 1/16W	1	
R4734	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R4735	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R4736	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4738,39	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R4743	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4744-47	ERJ2GE0R00	M 0.0 OHM, J,0.063W	4	
R4749,50	EXB2HV220JV	RESISTOR ARRAY	2	
R4751-54	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R4756-60	ERJ2GEJ220	M 22 OHM, J,0.063W	5	
R4762	EXB2HV220JV	RESISTOR ARRAY	1	
R4763-65	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R4772	EXB2HV470JV	RESISTOR ARRAY	1	
R4773	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4774	EXB2HV470JV	RESISTOR ARRAY	1	
R4775	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4776	EXB2HV470JV	RESISTOR ARRAY	1	
R4777	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4778	EXB2HV470JV	RESISTOR ARRAY	1	
R4779	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R4783	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4785	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4788	EXB2HV470JV	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4791,92	ERJ2GEJ470	M 47 OHM, J,0.063W	2	
R4793,94	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4796	EXB2HV470JV	RESISTOR ARRAY	1	
R4804	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4805,06	ERJ3EKF1001	M 1KOHM, 1/16W	2	
R4807-11	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	
R4822	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4823	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R4824,25	D1HG1038A002	NETWORK RESISTER	2	
R4837	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4838	ERJ2GEJ112	M 1.1KOHM, J,0.063W	1	
R4890	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R4891	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4898	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4899	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
R5000-07	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
R5014-17	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R5018-29	ERJ2GEJ103	M 10KOHM, J,0.063W	12	
R5033	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5046-49	ERJ2GEJ560	M 56 OHM, J,0.063W	4	
R5051	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5061	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5064	EXB38V560J	RESISTOR ARRAY	1	
R5067	EXB38V103J	RESISTOR ARRAY	1	
R5080-82	ERJ3GEYJ560	M 56 OHM,J,1/16W	3	
R5083	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5084-87	ERJ3GEYJ560	M 56 OHM,J,1/16W	4	
R5090,91	ERJ2GEJ560	M 56 OHM, J,0.063W	2	
R5096-01	ERJ2GEJ103	M 10KOHM, J,0.063W	6	
R5111,12	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R5116	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5117	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5118-21	ERJ2GEJ101	M 100 OHM, J,0.063W	4	
R5122,23	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R5125	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5127	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5129,30	D1HG33080001	NETWORK RESISTER	2	
R5131,32	EXB2HV101J	RESISTOR ARRAY	2	
R5134	EXB2HV101J	RESISTOR ARRAY	1	
R5135	EXB38V101J	RESISTOR ARRAY	1	
R5136-39	ERJ2GEJ101	M 100 OHM, J,0.063W	4	
R5140-44	D1HG5608A002	NETWORK RESISTER	5	
R5145-50	ERJ2GEJ560	M 56 OHM, J,0.063W	6	
R5152	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R5154	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5155	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5156	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5158	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R5159	ERJ2GEJ101	M 100 OHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5161	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R5162-67	ERJ2GEJ560	M 56 OHM, J,0.063W	6	
R5169	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5170,71	ERJ2GEJ560	M 56 OHM, J,0.063W	2	
R5172	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R5174	ERJ3EKF1601	M 1.6KOHM, 1/16W	1	
R5176	ERJ3EKF5601	M 5.6KOHM, 1/16W	1	
R5177	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5178,79	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R5180	ERJ2GEJ390	M 39 OHM, J,0.063W	1	
R5181	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5182	ERJ2GEJ390	M 39 OHM, J,0.063W	1	
R5183	D1HG3908A002	NETWORK RESISTER	1	
R5184	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R5187,88	D1HG3908A002	NETWORK RESISTER	2	
R5189	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5190,91	D1HG1008A002	NETWORK RESISTER	2	
R5192	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R5194,95	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R5196,97	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R5200-07	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
R5208	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	
R5209	ERJ3EKF6800	M 680 OHM, 1/16W	1	
R5210,11	ERJ8GEYJ390	M 39 OHM, J,1/8W	2	
R5214	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R5215	D1HG1038A002	NETWORK RESISTER	1	
R5221	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R5222	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R5223	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5224	ERJ6GEYJ201	M 200 OHM,J,1/10W	1	
R5229	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R5231	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R5233-39	ERJ2GEJ101	M 100 OHM, J,0.063W	7	
R5245	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R5246	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5248	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5251	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5255	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5256	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R5257	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5260	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R5261	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5275	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5276	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5278	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R5279	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R5280	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5283	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5286	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R5292	ERJ2GEJ390	M 39 OHM, J,0.063W	1	
R5294	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5295	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5298	ERJ2GEJ111	M 110 OHM, J,0.063W	1	
R5299,00	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R5303	ERJ2GEJ562	M 5.6KOHM,J,0.063W	1	
R5304	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R5305	D1HG1038A002	NETWORK RESISTER	1	
R5312	ERJ2GEJ111	M 110 OHM, J,0.063W	1	
R5314,15	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R5317	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5318	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R5319,20	ERJ3EKF2801	M 2.8KOHM, 1/16W	2	
R5321	ERJ3EKF2400	M 240 OHM, 1/16W	1	
R5322	ERJ3GEYJ681	M 680 OHM,J,1/16W	1	
R5323-28	ERJ3EKF3000	M 330 OHM, 1/16W	6	
R5338,39	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R5340	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R5341	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R5343	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R5344	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5349	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R5362,63	ERJ2GEJ560	M 56 OHM, J,0.063W	2	
R5386	EXB38VR000	RESISTOR ARRAY	1	
R5387	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5388	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R5389	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R5390	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	
R5391-93	ERJ3GEYJ560	M 56 OHM,J,1/16W	3	
R5394-99	ERJ6GEYJ471	M 470 OHM,J,1/10W	6	
R5403,04	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R5406	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5412	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5421	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R5424	ERJ3EKF2742	M27.4KOHM, 1/16W	1	
R5425	ERJ3EKF9311	M9.31KOHM, 1/16W	1	
R5428	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5431	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5435	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R5437,38	D1HG5608A002	NETWORK RESISTER	2	
R5439	D1HG8208A002	NETWORK RESISTER	1	
R5442	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5446	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R5451	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5453	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5454,55	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R5459	D1HG1038A002	NETWORK RESISTER	1	
R5466	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R5468,69	ERJ2GEJ560	M 56 OHM, J,0.063W	2	
R5488	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5495	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5501	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5503,04	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R5505	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5510	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5512,13	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R5514	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5515	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R5517	EXB38V103J	RESISTOR ARRAY	1	
R5519-21	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
R5534	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5536	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R5541	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5542	ERJ3EKF4642	M46.4KOHM, 1/16W	1	
R5545	ERJ3EKF1801	M 1.8KOHM, 1/16W	1	
R5546-48	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R5549	ERJ3EKF4701	M 4.7KOHM, 1/16W	1	
R5550	ERJ3EKF2400	M 240 OHM, 1/16W	1	
R5553	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R5554	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R5555	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R5557,58	ERJ2GEJ560	M 56 OHM, J,0.063W	2	
R5561	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R5563	ERJ3EKF2152	M21.5KOHM, 1/16W	1	
R5565	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R5566	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R5567	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R5568	ERJ3EKF4642	M46.4KOHM, 1/16W	1	
R5569	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R5572	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R5575	ERJ3EKF6802	M 68KOHM, 1/16W	1	
R5576	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5577	ERJ3EKF6802	M 68KOHM, 1/16W	1	
R5578,79	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R5580,81	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R5582,83	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R5584	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R5585	ERJ3EKF3322	M33.2KOHM, 1/16W	1	
R5587	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5588	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5589	ERJ3EKF4702	M 47KOHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5590	ERJ3EKF1272	M12.7KOHM, 1/16W	1	
R5596-99	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R5601	ERJ3EKF1800	M 180 OHM, 1/16W	1	
R5602	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5603	ERJ3EKF1542	M15.4KOHM, 1/16W	1	
R5605	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5606	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5607	ERJ3EKF4531	M4.53KOHM, 1/16W	1	
R5609	ERJ3EKF2000	M 200 OHM, 1/16W	1	
R5610	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5615	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5617	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5619	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R5620	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5621	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5623	ERJ3GEYJ681	M 680 OHM,J,1/16W	1	
R5625-28	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	4	
R5630	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5632	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5633	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5634	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5635	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5636	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5637,38	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R5639	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5640	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5641	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5642	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R5643	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5644	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5645	ERJ3EKF2201	M 2.2KOHM, 1/16W	1	
R5646	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R5647	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5648	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	1	
R5649	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R5650	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R5652	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5653,54	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R5659	ERJ3GEYJ681	M 680 OHM,J,1/16W	1	
R5660	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5662	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5664	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5665	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5667-69	ERJ3GEYJ473	M 47KOHM,J,1/16W	3	
R5672	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5676	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5680	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5681	ERJ3EKF4531	M4.53KOHM, 1/16W	1	
R5686	ERJ3EKF1432	M14.3KOHM, 1/16W	1	
R5688-90	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R5692	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5693	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R5694	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R5695	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5803	ERJ3EKF2741	M2.74KOHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5805,06	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R5809	ERJ3EKF9100	M 910 OHM, 1/16W	1	
R5810-12	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R5815	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5822	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R5830	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R5832	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5836	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R5847	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5855	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5862,63	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R5864-66	ERJ8GEY0R00	M 0 OHM, 1/8W	3	
R5867	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R5868	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5869-74	ERJ6GEY0R00	M 0 OHM, 1/10W	6	
R5898	ERJ3EKF5601	M 5.6KOHM, 1/16W	1	
R5914	D1HG5608A002	NETWORK RESISTER	1	
R5918,19	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R5924	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5927	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5960,61	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R5962	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5965-67	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
R6001	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6003	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6005	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6007	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6009	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6011	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6013	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6015	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6020	ERF5TJ330	W 33 OHM, 5W	1	
R6021	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6024	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6026	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6028	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6030	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6031,32	ERJ6ENF8202	M 82KOHM, 1/10W	2	
R6033	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6034	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R6036	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6038	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6040,41	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	2	
R6043	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6045	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6047	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6051	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6053	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6055	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6057	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6061	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6078	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6102	D0GD101JA059	M 100 OHM,J,0.25W	1	
R6104	D0GD101JA059	M 100 OHM,J,0.25W	1	
R6106	D0GD101JA059	M 100 OHM,J,0.25W	1	
R6108	D0GD101JA059	M 100 OHM,J,0.25W	1	
R6109	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6110	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6111,12	D0GD470JA059	M 47 OHM,J,0.25W	2	
R6113	ERJ14YJ224	M 220KOHM, J,1/4W	1	
R6114	D0GD470JA059	M 47 OHM,J,0.25W	1	
R6116	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6117	D0GD101JA059	M 100 OHM,J,0.25W	1	
R6119	D0GD101JA059	M 100 OHM,J,0.25W	1	
R6120	D0GD470JA059	M 47 OHM,J,0.25W	1	
R6125	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6126-28	ERJ6GEYJ563	M 56KOHM,J,1/10W	3	
R6129	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6131,32	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6133	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6134	D0GD750JA059	M 75 OHM,J,0.25W	1	
R6135-39	D0GD100JA059	M 10 OHM,J,0.25W	5	
R6140-44	ERJ6GEYJ103	M 10KOHM,J,1/10W	5	
R6146-49	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6151,52	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6153	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6154	D0GD750JA059	M 75 OHM,J,0.25W	1	
R6157-60	D0GF1R0JA047	M 1.0 OHM,J, 0.33W	4	
R6164,65	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6166	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6167,68	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6169	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6170	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6171	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6172,73	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6174	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6175-77	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R6181	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6182,83	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6184	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6185,86	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6191,92	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6193	D0GD510JA059	M 51 OHM,J,0.25W	1	
R6195,96	D0GD104JA059	M 100KOHM,J,0.25W	2	
R6213	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6214	D0GD151JA059	M 150 OHM,J,0.25W	1	
R6215	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6216,17	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6218-21	ERDS2TC0	C 0 OHM, 1/4W	4	
R6222	ERG1FJS472D	M 4.7KOHM, J, 1W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6223	ERG2FJS123D	M 12KOHM, J, 2W	1	
R6225	D1BD4532A028	M45.3KOHM, 1/10W	1	
R6226,27	ERJ6ENF5102	M 51KOHM, 1/10W	2	
R6232	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R6233	ERJ14YJ154	M 150KOHM, J,1/4W	1	
R6234	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R6235-40	D0GD100JA059	M 10 OHM,J,0.25W	6	
R6241	EXB38V470J	RESISTOR ARRAY	1	
R6242	EXB38V472J	RESISTOR ARRAY	1	
R6243	EXB38V470J	RESISTOR ARRAY	1	
R6244	EXB38V472J	RESISTOR ARRAY	1	
R6251	D0GD103JA059	M 10KOHM,J,0.25W	1	
R6252,53	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6254	ERJ6ENF6801	M 6.8KOHM, 1/10W	1	
R6255	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6256	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R6257	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6258	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6261	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6282	ERG2FJS150D	M 15 OHM, J, 2W	1	
R6284	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6286	D0GD101JA059	M 100 OHM,J,0.25W	1	
R6288	ERJ6ENF4991	M4.99KOHM, 1/10W	1	
R6289	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R6291	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R6401-08	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	8	
R6421-28	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	8	
R6437,38	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6441-44	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	4	
R6451-55	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	5	
R6465	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R6466	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6467,68	ERJ6ENF8202	M 82KOHM, 1/10W	2	
R6471	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6472	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6473	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R6474	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6475,76	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6477	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6501,02	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6503	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6504	D0GD750JA059	M 75 OHM,J,0.25W	1	
R6506	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6507-09	D0GF1R0JA047	M 1.0 OHM,J, 0.33W	3	
R6511,12	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6513	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6514-17	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6518	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6519,20	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6521,22	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6523	D0GD750JA059	M 75 OHM,J,0.25W	1	
R6527	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6528	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6529	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R6530,31	D0GD100JA059	M 10 OHM,J,0.25W	2	
R6532-34	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R6535	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R6536	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6537,38	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6539	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6540,41	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6542	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6551	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6552,53	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6554	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6555,56	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6561-64	EXB38V470J	RESISTOR ARRAY	4	
R6565-68	EXB38V472J	RESISTOR ARRAY	4	
R6581	D0GD103JA059	M 10KOHM,J,0.25W	1	
R6582,83	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6584	ERJ6ENF7501	M 7.5KOHM, 1/10W	1	
R6585,86	ERJ6ENF1501	M 1.5KOHM, 1/10W	2	
R6587	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6588	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6590	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6591	EXB38V472J	RESISTOR ARRAY	1	
R6592	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6603	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6604	D0GD151JA059	M 150 OHM,J,0.25W	1	
R6605	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6606	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6607	D1BD2871A027	M 2.87KOHM, 1/10W	1	
R6608,09	D0GF102JA047	M 1.0 KOHM,J,0.33W	2	
R6610	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6611	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R6612	D0GD470JA059	M 47 OHM,J,0.25W	1	
R6613	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R6614,15	D0GF113JA047	M 11 KOHM,J, 0.33W	2	
R6616	ERJ6ENF1502	M 15KOHM, 1/10W	1	
R6617	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6618	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R6619	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R6620	D0D28R2JA021	M 8.2 OHM,J,2W	1	
R6622,23	ERJ6GEYJ221	M 220 OHM,J,1/10W	2	
R6625-27	ERJ6GEYJ221	M 220 OHM,J,1/10W	3	
R6630	D0GF113JA047	M 11 KOHM,J, 0.33W	1	
R6631	ERJ6GEYJ683	M 68KOHM,J,1/10W	1	
R6632	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6633	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6641-49	ERJ6GEYJ101	M 100 OHM,J,1/10W	9	
R6651-57	ERJ6GEYJ101	M 100 OHM,J,1/10W	7	
R6658	D0D1101JA009	M 100 OHM,J,1W	1	
R6659,60	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6661	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6662	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R6664	D0GF222JA047	M 2.2 KOHM,J,0.33W	1	
R6665	D0GD470JA059	M 47 OHM,J,0.25W	1	
R6666	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6667,68	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6669,70	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6671	D0GD470JA059	M 47 OHM,J,0.25W	1	
R6672	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6673-77	D0GD5R6JA059	M 5.6 OHM,J,0.25W	5	
R6679	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6682	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6683	D0GD151JA059	M 150 OHM,J,0.25W	1	
R6684	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6685	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6686	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6687	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6688	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6689	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6690	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6691	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6696,97	ERF5TK2R2	W 2.2 OHM, K, 5W	2	
R6700-08	ERJ6GEYJ471	M 470 OHM,J,1/10W	9	
R6710-18	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	9	
R6721,22	EXB38V220J	RESISTOR ARRAY	2	
R6723	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6724	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6742	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6743	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6744	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6745	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6746,47	D0GD103JA059	M 10KOHM,J,0.25W	2	
R6755	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6756	D0GF330JA047	M 33 OHM,J, 0.33W	1	
R6759	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6760	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6761	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6762	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6763	D0GD100JA059	M 10 OHM,J,0.25W	1	
R6764	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6775,76	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6777	D0GD151JA059	M 150 OHM,J,0.25W	1	
R6781	D0GD470JA059	M 47 OHM,J,0.25W	1	
R6782	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6783	D0GD470JA059	M 47 OHM,J,0.25W	1	
R6784	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6791	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6792	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6793	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6801	ERG2FNJS8R2E	M 8.2 OHM, J, 2W	1	
R6802-04	ERG2FJS683D	M 68KOHM, J, 2W	3	
R6806,07	ERX12SJ1R2	M 1.2 OHM, J,1/2W	2	
R6808	D0GD272JA059	M 2.7KOHM,J,0.25W	1	
R6809	ERJ12YJ103	M 10KOHM,J, 1/2W	1	
R6810,11	ERJ6GEYJ333	M 33KOHM,J,1/10W	2	
R6812	ERJ6ENF2003	M 200KOHM, 1/10W	1	
R6813	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R6814	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R6816,17	ERJ6ENF5601	M 5.6KOHM, 1/10W	2	
R6818	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6819	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R6820	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6821	ERG2FJS221D	M 220 OHM, J, 2W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6822	ERJ12YJ104U	M 100KOHM, 1/2W	1	
R6823	ERG1FJS104D	M 100KOHM, J, 1W	1	
R6824	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R6825	ERJ6ENF2703	M 270KOHM, 1/10W	1	
R6826	ERJ6ENF2203	M 220KOHM, 1/10W	1	
R6827	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R6828	ERJ6ENF5231	M5.23KOHM, 1/10W	1	
R6829,30	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6831	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R6832	D0GF4R7JA047	M 4.7 OHM,J, 0.33W	1	
R6833-36	ERJ6ENF5102	M 51KOHM, 1/10W	4	
R6837	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6839	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6841	ERJ12YJ153U	M 15KOHM, 1/2W	1	
R6842	ERJ12YJ433U	M 43KOHM, 1/2W	1	
R6843	ERJ6GEYJ623	M 62KOHM,J,1/10W	1	
R6844	D0D2101JA021	M 100 OHM,J,2W	1	
R6845	ERJ6GEYJ623	M 62KOHM,J,1/10W	1	
R6846,47	ERJ6GEYJ563	M 56KOHM,J,1/10W	2	
R6848	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6849,50	ERJ6ENF6802	M 68KOHM, 1/10W	2	
R6851	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6852	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R6853	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6858	D0GD102JA059	M 1.0KOHM,J,0.25W	1	
R6860	D0D28R2JA021	M 8.2 OHM,J,2W	1	
R6861	ERJ6ENF3902	M 39KOHM, 1/10W	1	
R6862,63	ERJ6ENF4702	M 47KOHM, 1/10W	2	
R6864	ERJ6ENF8871	M8.87KOHM, 1/10W	1	
R6865,66	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R6867	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6868	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6869	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6870	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6871-73	ERJ6ENF3902	M 39KOHM, 1/10W	3	
R6874	D1BD9531A027	M9053KOHM, 1/10W	1	
R6875	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R6876	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6877	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6878	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6879	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6886-88	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6891	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6901	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6902-17	ERJ6GEYJ221	M 220 OHM,J,1/10W	16	
R6918	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6920	EXB38V220J	RESISTOR ARRAY	1	
R6921	EXB38V103J	RESISTOR ARRAY	1	
R6922	EXB38V220J	RESISTOR ARRAY	1	
R6924	EXB38V103J	RESISTOR ARRAY	1	
R6938,39	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R6948,49	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R6951	EXB38V220J	RESISTOR ARRAY	1	
R6952	EXB38V103J	RESISTOR ARRAY	1	
R6953	EXB38V220J	RESISTOR ARRAY	1	
R6954	EXB38V103J	RESISTOR ARRAY	1	
R6963,64	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R7001-04	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7101	D0GF103JA047	M 10 KOHM,J, 0.33W	1	
R7104	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7107	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7108-15	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	8	
R7116,17	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7123,24	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7125-32	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	8	
R7133-35	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R7136-39	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	4	
R7140	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7143-45	EXB38V681J	RESISTOR ARRAY	3	
R7146,47	EXB38V470J	RESISTOR ARRAY	2	
R7148,49	EXB38V681J	RESISTOR ARRAY	2	
R7150,51	EXB38V470J	RESISTOR ARRAY	2	
R7152,53	EXB38V681J	RESISTOR ARRAY	2	
R7154,55	EXB38V470J	RESISTOR ARRAY	2	
R7156	EXB38V681J	RESISTOR ARRAY	1	
R7157-60	EXB38V470J	RESISTOR ARRAY	4	
R7186	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7187	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7191	EXB38V681J	RESISTOR ARRAY	1	
R7193	EXB38V681J	RESISTOR ARRAY	1	
R7194-99	ERJ3GEYJ220	M 22 OHM,J,1/16W	6	
R7200-07	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	8	
R7208,09	EXB38V470J	RESISTOR ARRAY	2	
R7210	EXB38V681J	RESISTOR ARRAY	1	
R7211	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7212	EXB38V681J	RESISTOR ARRAY	1	
R7213,14	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7217,18	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7221,22	EXB38V470J	RESISTOR ARRAY	2	
R7223-26	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	4	
R7227,28	EXB38V470J	RESISTOR ARRAY	2	
R7229,30	EXB38V681J	RESISTOR ARRAY	2	
R7231	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7232,33	EXB38V470J	RESISTOR ARRAY	2	
R7234	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7235,36	EXB38V681J	RESISTOR ARRAY	2	
R7237,38	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	2	
R7239,40	EXB38V470J	RESISTOR ARRAY	2	
R7241,42	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	2	
R7243	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7244	EXB38V470J	RESISTOR ARRAY	1	
R7245	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7246,47	EXB38V470J	RESISTOR ARRAY	2	
R7248	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7249,50	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	2	
R7251,52	EXB38V470J	RESISTOR ARRAY	2	
R7253,54	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	2	
R7255	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7256-58	EXB38V681J	RESISTOR ARRAY	3	
R7259-64	EXB38V470J	RESISTOR ARRAY	6	
R7266-75	EXB38V681J	RESISTOR ARRAY	10	
R7276	EXB38V102J	RESISTOR ARRAY	1	
R7283	EXB38V681J	RESISTOR ARRAY	1	
R7284	EXB38V102J	RESISTOR ARRAY	1	
R7285	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7286	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7287-96	ERJ3GEYJ220	M 22 OHM,J,1/16W	10	
R7302	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7303,04	EXB38V470J	RESISTOR ARRAY	2	
R7305-10	EXB38V681J	RESISTOR ARRAY	6	
R7311,12	EXB38V470J	RESISTOR ARRAY	2	
R7313,14	EXB38V681J	RESISTOR ARRAY	2	
R7315,16	EXB38V470J	RESISTOR ARRAY	2	
R7317,18	EXB38V681J	RESISTOR ARRAY	2	
R7319,20	EXB38V470J	RESISTOR ARRAY	2	
R7321,22	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R7323,24	EXB38V470J	RESISTOR ARRAY	2	
R7325,26	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R7330	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7331-34	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	4	
R7335	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7336	D0GF103JA047	M 10 KOHM,J, 0.33W	1	
R7354,55	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7358-65	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	8	
R7366,67	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7373,74	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7375-82	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	8	
R7383,84	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7385	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7386	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7387	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7398,99	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R7401	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7402	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7405-13	ERJ3GEY0R00	M 0 OHM, 1/16W	9	
R7416,17	EXB38V470J	RESISTOR ARRAY	2	
R7420,21	EXB38V470J	RESISTOR ARRAY	2	
R7422	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7424,25	EXB38V470J	RESISTOR ARRAY	2	
R7428,29	EXB38V470J	RESISTOR ARRAY	2	
R7430-33	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	4	
R7434	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7438,39	EXB38V470J	RESISTOR ARRAY	2	
R7453-59	EXB38V681J	RESISTOR ARRAY	7	
R7460,61	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7462-69	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	8	
R7470,71	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7472	D0GF103JA047	M 10 KOHM,J, 0.33W	1	
R7473,74	EXB38V681J	RESISTOR ARRAY	2	
R7477,78	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7479-86	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	8	
R7487,88	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7490	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7491	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7492	EXB38V681J	RESISTOR ARRAY	1	
R7493-98	ERJ3GEYJ220	M 22 OHM,J,1/16W	6	
R7501	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7502,03	EXB38V470J	RESISTOR ARRAY	2	
R7504,05	EXB38V681J	RESISTOR ARRAY	2	
R7506	EXB38V470J	RESISTOR ARRAY	1	
R7507	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7508-11	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	4	
R7512	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7515	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7516-19	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	4	
R7520	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7523,24	EXB38V470J	RESISTOR ARRAY	2	
R7525	EXB38V681J	RESISTOR ARRAY	1	
R7526	EXB38V470J	RESISTOR ARRAY	1	
R7527	EXB38V681J	RESISTOR ARRAY	1	
R7528	EXB38V470J	RESISTOR ARRAY	1	
R7529	EXB38V681J	RESISTOR ARRAY	1	
R7530-35	EXB38V470J	RESISTOR ARRAY	6	
R7536	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7537-40	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	4	
R7541	EXB38V681J	RESISTOR ARRAY	1	
R7542	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7543	EXB38V681J	RESISTOR ARRAY	1	
R7544	EXB38V102J	RESISTOR ARRAY	1	
R7545-48	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	4	
R7549	EXB38V470J	RESISTOR ARRAY	1	
R7550	EXB38V681J	RESISTOR ARRAY	1	
R7553	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7554-57	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	4	
R7558-60	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R7561	EXB38V681J	RESISTOR ARRAY	1	
R7562,63	EXB38V470J	RESISTOR ARRAY	2	
R7564,65	EXB38V681J	RESISTOR ARRAY	2	
R7567	EXB38V470J	RESISTOR ARRAY	1	
R7570	EXB38V102J	RESISTOR ARRAY	1	
R7571-76	EXB38V470J	RESISTOR ARRAY	6	
R7577-87	EXB38V681J	RESISTOR ARRAY	11	
R7592	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7593	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7594-99	ERJ3GEYJ220	M 22 OHM,J,1/16W	6	
R7603	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R7604	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7605,06	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R7607	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7608-15	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	8	
R7616,17	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7618	D0GF103JA047	M 10 KOHM,J, 0.33W	1	
R7623,24	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7625-32	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	8	
R7633,34	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R7636	EXB38V470J	RESISTOR ARRAY	1	
R7637-42	EXB38V681J	RESISTOR ARRAY	6	
R7643	EXB38V470J	RESISTOR ARRAY	1	
R7644,45	EXB38V681J	RESISTOR ARRAY	2	
R7646,47	EXB38V470J	RESISTOR ARRAY	2	
R7648	EXB38V681J	RESISTOR ARRAY	1	
R7650,51	EXB38V470J	RESISTOR ARRAY	2	
R7654,55	EXB38V470J	RESISTOR ARRAY	2	
R7658,59	EXB38V470J	RESISTOR ARRAY	2	
R7660	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7661-64	D0GZ6R8JA020	M 6.8 OHM,J, 0.5W	4	
R7665	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7686	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7687	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7696	EXB38V681J	RESISTOR ARRAY	1	
R7697-99	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R7701	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R7702	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7703-05	ERJ3GEYJ121	M 120 OHM,J,1/16W	3	
R7708	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7709	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R7710	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R7713	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7716	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7731	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7792-99	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
R7801	ERJ3GEYJ750	M 75 OHM,J,1/16W	1	
R9060-67	ERJ3GEYJ101	M 100 OHM,J,1/16W	8	
R9070	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9074	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9076	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9094	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9096	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9098	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9099	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9101	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9102	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9105	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9107	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9108,09	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9110	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9111	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9113	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9114-17	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9118,19	ERJ3EKF1001	M 1KOHM, 1/16W	2	
R9120	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9121	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9122-25	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9126	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R9127	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9129	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9130	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R9134	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R9140	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9141	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9143-45	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	
R9148	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9149	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9150,51	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9154,55	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9156	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9158,59	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9160,61	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9162	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9165,66	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9167	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9169	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9170-72	ERJ3GEYJ393	M 39KOHM,J,1/16W	3	
R9174-76	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9177	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9178	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9179	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9180	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9181-84	ERJ3GEYJ102	M 1KOHM,J,1/16W	4	
R9185,86	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9187,88	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9189,90	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9192	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9193	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9194	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9196	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9198	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9199	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9201,02	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9203	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9204,05	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9206,07	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9209	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9210	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9215	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R9217-22	ERJ3GEYJ103	M 10KOHM,J,1/16W	6	
R9236	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9237	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9244,45	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R9247,48	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9367	ERJ6GEYJ181	M 180 OHM,J,1/10W	1	
R9371	EXB2HV470JV	RESISTOR ARRAY	1	
R9372	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9373	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9374	EXB38V470J	RESISTOR ARRAY	1	
R9375	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9389-91	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	3	
R9393-97	D1HG8208A002	NETWORK RESISTER	5	
R9398	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9399	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9400	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9404	EXB2HV470JV	RESISTOR ARRAY	1	
R9409,10	EXB38V820J	RESISTOR ARRAY	2	
R9412-21	EXB38V470J	RESISTOR ARRAY	10	
R9428	EXB38V103J	RESISTOR ARRAY	1	
R9430	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9433	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9437,38	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9442-49	ERJ3GEYJ220	M 22 OHM,J,1/16W	8	
R9450	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9451	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9452	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9453-58	D1HG8208A002	NETWORK RESISTER	6	
R9459	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9460	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9461	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9462	D1HG8208A002	NETWORK RESISTER	1	
R9463	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9464	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9465	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9466-71	D1HG8208A002	NETWORK RESISTER	6	
R9472,73	EXB38V820J	RESISTOR ARRAY	2	
R9474	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9475	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9481	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9484,85	ERJ3EKF1001	M 1KOHM, 1/16W	2	
R9486	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9487	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9488	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9489-95	ERJ3GEYJ470	M 47 OHM,J,1/16W	7	
R9496	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9497	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9506	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9507	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9515	EXB2HV470JV	RESISTOR ARRAY	1	
R9523	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9525	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9526	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9527,28	EXB2HV222JV	RESISTOR ARRAY	2	
R9529,30	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9531-33	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9534	EXB38V470J	RESISTOR ARRAY	1	
R9535,36	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R9539	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9540	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9542	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	
R9543,44	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9545	ERJ3GEYJ304V	M 300KOHM,J,1/16W	1	
R9548-50	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9552-55	ERJ3GEYJ470	M 47 OHM,J,1/16W	4	
R9558	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9560	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9561-67	ERJ3GEYJ220	M 22 OHM,J,1/16W	7	
R9568	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9569	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9570	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9571-73	D1HG8208A002	NETWORK RESISTER	3	
R9574	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9575-77	D1HG8208A002	NETWORK RESISTER	3	
R9579	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9580,81	ERJ3EKF1001	M 1KOHM, 1/16W	2	
R9584	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9585,86	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	
R9587-95	EXB38V470J	RESISTOR ARRAY	9	
R9596-99	ERJ3GEYJ470	M 47 OHM,J,1/16W	4	
R9602	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9603	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9604,05	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9606	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9607	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9608-15	EXB2HV470JV	RESISTOR ARRAY	8	
R9616	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9619,20	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9622	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9624,25	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9628-30	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9631	EXB2HV222JV	RESISTOR ARRAY	1	
R9632-34	ERJ3GEYJ470	M 47 OHM,J,1/16W	3	
R9637	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9638	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9639	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9641	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9642	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9644	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9645	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9647	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9652	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9653	D1HG1038A002	NETWORK RESISTER	1	
R9800	ERJ3EKF1302	M 13KOHM, 1/16W	1	
R9801	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R9802	ERJ3EKF6202	M 62KOHM, 1/16W	1	
R9803	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9804	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R9805	ERJ3EKF3002	M 30KOHM, 1/16W	1	
R9806	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R9807	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9808	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9810	ERJ3EKF3001	M 3KOHM, 1/16W	1	
R9813	ERJ3EKF2401	M 2.4KOHM, 1/16W	1	
R9814	ERJ3EKF6802	M 68KOHM, 1/16W	1	
R9815	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R9816	ERJ3EKF8202	M 82KOHM, 1/16W	1	
R9823-28	ERJ3GEYJ101	M 100 OHM,J,1/16W	6	
R9830,31	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9838,39	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R9840	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9841	ERJ3GEY0R00	M 0 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9842-44	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	
R9845	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9846,47	EXB2HV222JV	RESISTOR ARRAY	2	
R9848,49	EXB2HV470JV	RESISTOR ARRAY	2	
R9850	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9854	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9859	EXB38V101J	RESISTOR ARRAY	1	
R9868	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9869-71	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9872	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9873	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9875-77	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9878	ERJ3EKF3902	M 39KOHM, 1/16W	1	
R9879	ERJ3EKF2002	M 20KOHM, 1/16W	1	
R9880	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R9883	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9884	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9891	ERJ3EKF4702	M 47KOHM, 1/16W	1	
R9892	ERJ3EKF1502	M 15KOHM, 1/16W	1	
R9893	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R9896	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9897	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9898	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
RM2581	B3RAD0000127	REMOCON RECEIVE	1	
RTL	TNPA3003	CIRCUIT BOARD H3	2	⚠
RTL	TNPA4061CU	CIRCUIT BOARD DG	1	TH-65PV600M ⚠
RTL	TNPA4061CN	CIRCUIT BOARD DG	1	TH-65PV600A ⚠
RTL	TNPA4063	CIRCUIT BOARD H	1	⚠
RTL	TNPA4071	CIRCUIT BOARD TA	1	⚠
RTL	TNPA4092	CIRCUIT BOARD JG	1	⚠
RTL	TNPA4076	CIRCUIT BOARD PA	1	⚠
RTL	ETXMM631MBH	CIRCUIT BOARD P MULTI	1	⚠
RTL	ETXMM631MEA	CIRCUIT BOARD P SUS	1	⚠
RTL	TNPA4013	CIRCUIT BOARD SS2	1	⚠
RTL	TNPA4014	CIRCUIT BOARD SS3	1	⚠
RTL	TNPA4003	CIRCUIT BOARD C1	1	⚠
RTL	TNPA4004	CIRCUIT BOARD C2	1	⚠
RTL	TNPA4005	CIRCUIT BOARD C3	1	⚠
RTL	TNPA4006	CIRCUIT BOARD C4	1	⚠
RTL	TNPA4007	CIRCUIT BOARD C5	1	⚠
RTL	TNPA4008	CIRCUIT BOARD C6	1	⚠
RTL	TZTNP01FMTM	CIRCUIT BOARD D	1	⚠
RTL	TNPA4011	CIRCUIT BOARD SC	1	⚠
RTL	TNPA4010	CIRCUIT BOARD SD	1	⚠
RTL	TNPA4012	CIRCUIT BOARD SS	1	⚠
RTL	TNPA4009	CIRCUIT BOARD SU	1	⚠
RTL	TNPA4073AE	CIRCUIT BOARD K	1	⚠
RTL	TNPA4069	CIRCUIT BOARD R	1	⚠
RTL	TNPA3715AB	CIRCUIT BOARD S	1	⚠
RTL	TXN/G1FMTM	CIRCUIT BOARD G	1	⚠
RTL	TNPA4077AC	CIRCUIT BOARD GH	1	⚠
RTL	TNPA3721AD	CIRCUIT BOARD GK	1	⚠
RTL	TXNGS1FMTM	CIRCUIT BOARD GS	1	⚠
S1	K1KA03AA0193	3P CONNECTOR	1	
SC2	K1KA02A00626	2P CONNECTOR	1	
SC20	K1KA20AA0008	20P CONNECTOR	1	
SC23	K1KA03AA0193	3P CONNECTOR	1	
SC30	K1KA08AA0192	8P CONNECTOR	1	
SC41-44	K1ML80B00001	80P CONNECTOR	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
SC45,46	K1KA09A00239	9P CONNECTOR	2	
SCMM1	TMME047	CLAMPER	1	
SCMM4	TMME190	CLAMPER	1	
SCMM6,M7	TMME190	CLAMPER	2	
SD1-D5	K1MNA8BA0250	8P CONNECTOR	5	
SD46	K1KB09A00045	9P CONNECTOR	1	
SS11	K1KA02A00626	2P CONNECTOR	1	
SS12	K1KA10AA0194	10P CONNECTOR	1	
SS21	K1KA07A00170	7P CONNECTOR	1	
SS2MM1,M2	TMME190	CLAMPER	2	
SS23	K1KB07AA0087	7P CONNECTOR	1	
SS25	K1KA07A00170	7P CONNECTOR	1	
SS27	K1KB07AA0087	7P CONNECTOR	1	
SS3MM1,M2	TMME190	CLAMPER	2	
SS34	K1KA03AA0193	3P CONNECTOR	1	
SS35	K1KA08AA0193	8P CONNECTOR	1	
SS42	K1KA08AA0193	8P CONNECTOR	1	
SS44	K1KA20AA0009	20P CONNECTOR	1	
SS51-58	K1MN13B00020	13P CONNECTOR	8	
SSMM2,M3	TMME190	CLAMPER	2	
SU1-U5	K1MNA8BA0250	8P CONNECTOR	5	
SU45	K1KB09A00045	9P CONNECTOR	1	
SW2500	K0F162B00002	SWITCH	1	⚠
SW3751	EVQ11G05R	SWITCH	1	
SW3753-56	EVQ11G05R	SWITCH	4	
T6602	ETS28AU389AC	SWITCHING TRANS	1	
TA5,A6	K1KB15B00013	15P CONNECTOR	2	
TU001	ENGF9301GF	TUNER	1	⚠
TU002	ENG39A01GF	TUNER	1	⚠
VR6000	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
VR6600	EVMEASA00B13	CONTROL 1KOHMB 0.3W	1	
VR6602	EVMEASA00B23	CONTROL 2KOHMB 0.3W	1	
X1100	H0J100500030	CRYSTAL	1	
X1101	H0J327200114	CRYSTAL	1	
X2101	H0J184500027	CRYSTAL	1	
X4004	H0J270500087	CRYSTAL	1	
X5005	H0J270500061	CRYSTAL	1	
X9000	H2D200500011	CRYSTAL	1	
X9500	H0J200500038	CRYSTAL	1	
ZA2101-08	TESA169	SHIELD CLIP	8	
ZA3401-03	K4CZ01000027	COMPATIBLE WITH JALCO K9	3	
ZA3405	K4CZ01000027	COMPATIBLE WITH JALCO K9	1	
ZA3701	K4CD01000013	TERMINAL	1	
ZA4001	K4CD08000002	TERMINAL	1	
ZA4009	K4CD08000002	TERMINAL	1	
ZA6101-03	K4CD01000011	TERMINAL	3	
ZA6401-03	K4CD01000011	TERMINAL	3	
ZA7101-06	K4AD01Z00001	TERMINAL	6	
ZA7201-06	K4AD01Z00001	TERMINAL	6	
ZA7301-06	K4AD01Z00001	TERMINAL	6	
ZA7401-06	K4AD01Z00001	TERMINAL	6	
ZA7501-06	K4AD01Z00001	TERMINAL	6	
ZA7601-06	K4AD01Z00001	TERMINAL	6	
ZA9001	K4CD01000011	TERMINAL	1	
A1601,02	RA362MSV7	ARRESTOR	2	⚠

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C201	KZE1E470	C 470U 25V	1	
C203,04	RR3DD101K	CERAMIC CAPACITOR	2	
C205	ECWH12473HV	PLASTIC FILM CAPACITOR	1	
C212	ECWH12333HV	PLASTIC FILM CAPACITOR	1	
C213,14	KZE1E470	C 470U 25V	2	
C215	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C216	KZE1H101	C 100UF 50V	1	
C251-54	KMQ220821K	ELECTROLYTIC CAPACITOR	4	
C255,56	ECQE6223KF	P 0.022UF, K,400V	2	
C257	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C301	KZE1E101	C 100UF 25V	1	
C302,03	RR3DD101K	CERAMIC CAPACITOR	2	
C305	ECWH12333HV	PLASTIC FILM CAPACITOR	1	
C351,52	KZE1E182S	C 1800UF 25V	2	
C354,55	TBB475K1	CERAMIC CHIP CAPACITOR	2	
C356	KZE1E821L	C 8200UF 25V	1	
C357	ECJ1XB1H104K	C 10PF, J, 50V	1	
C358	KZE1E101	C 100UF 25V	1	
C359	ECJ1XB1H104K	C 10PF, J, 50V	1	
C360	KZE1E101	C 100UF 25V	1	
C361	ECJ1XB1H104K	C 10PF, J, 50V	1	
C363	KZE1E821L	C 8200UF 25V	1	
C364	ECJ1XB1H104K	C 10PF, J, 50V	1	
C365	KZE2A270	C 27UF 100V	1	
C366	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C401	TAB104K2E	CERAMIC CHIP CAPACITOR	1	
C402,03	KMQ2C471H	ELECTROLYTIC CAPACITOR	2	
C405	TAB104K2E	CERAMIC CHIP CAPACITOR	1	
C412	TBB104K2	CERAMIC CHIP CAPACITOR	1	
C413,14	KZE2A471S	C 470UF 100V	2	
C415	KZE1H221	ELECTROLYTIC CAPACITOR	1	
C501	ECQU2A473ML	P 0.047UF, M,250V	1	⚠
C502,03	ECJ2FB1H104K	C 0.1UF, K, 50V	2	
C504,05	KZE1E470	C 470U 25V	2	
C506	KMQ2W560	ELECTROLYTIC CAPACITOR	1	
C507	KZE1H101	C 100UF 50V	1	
C508	MBB474K1	CERAMIC CHIP CAPACITOR	1	
C509	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C510	KZE1H101	C 100UF 50V	1	
C514	KZE1E470	C 470U 25V	1	
C551	ECKENA101KBR	C 100P 250V	1	⚠
C552	KZE1A152	ELECTROLYTIC CAPACITOR	1	
C555	TBB474K2	CERAMIC CHIP CAPACITOR	1	
C556	KZE1E101	C 100UF 25V	1	
C557	TBB475K1	CERAMIC CHIP CAPACITOR	1	
C558	KZE1E101	C 100UF 25V	1	
C559-61	ECJ1XB1H104K	C 10PF, J, 50V	3	
C1601	ECQU2A105ML	P 1UF, 250V	1	⚠
C1602-05	ECKENA101KBR	C 100P 250V	4	⚠
C1608	ECQU2A224ML	P 0.22UF, 250V	1	⚠
C1613,14	MMXC2W474K	PLASTIC FILM CAPACITOR	2	
C1619	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C1620	ECQE6103KF	P 0.01UF, J,630V	1	
C1621	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C1622	KZE1E101	C 100UF 25V	1	
C1623	ECQE6104RKF	PLASTIC FILM CAPACITOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1624	ECKENA101KBR	C 100P 250V	1	⚠
C1625-28	KMQ2W221KZ	ELECTROLYTIC CAPACITOR	4	
C1629	ECJ2FB1E224K	C 22UF, K, 25V	1	
C1630	KZE1E470	C 470U 25V	1	
C1701	ECQU2A105ML	P 1UF, 250V	1	⚠
C1702	ECQU2A474ML	PLASTIC FILM CAPACITOR	1	⚠
C1706,07	MMXC2W105K	C 1P 450V	2	
C1712	KZE1E101	C 100UF 25V	1	
C1714	KMQ2W221KZ	ELECTROLYTIC CAPACITOR	1	
C1715	ECQE6472B45	C 4700U 630V	1	
C1716,17	KMQ2W221KZ	ELECTROLYTIC CAPACITOR	2	
C1719	ECKENA221KBR	C 221P 250V	1	⚠
C1729	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C1731	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C1732	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C1733	ECQE6473RKF	PLASTIC FILM CAPACITOR	1	
C1735	ECJ2FB1E224K	C 22UF, K, 25V	1	
C1736	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
D201	MA165	DIODE	1	
D204	MA165	DIODE	1	
D251-54	YG901C3R	DIODE	4	
D255	MA111	DIODE	1	
D256	MA165	DIODE	1	
D301,02	MA165	DIODE	2	
D351,52	YG805C06R	DIODE	2	
D355	AG01A	DIODE	1	
D358	RK44	DIODE	1	
D401	AG01A	DIODE	1	
D402-06	YG901C3R	DIODE	5	
D501	S1WBA80	DIODE	1	⚠
D502,03	ERA22-10	DIODE	2	
D504	AG01A	DIODE	1	
D505	MA111	DIODE	1	
D506	ST3D82	DIODE	1	
D508	AG01A	DIODE	1	
D511	ERA91-02	DIODE	1	
D551	RK39	DIODE	1	
D554	MA165	DIODE	1	
D555	MA111	DIODE	1	
D556	MA165	DIODE	1	
D557	MA111	DIODE	1	
D1601,02	MA111	DIODE	2	
D1603,04	D15XB80	DIODE	2	
D1605	S3V60	DIODE	1	
D1606	S20LC60US	DIODE	1	
D1608	M1F60	DIODE	1	
D1609	S3V60	DIODE	1	
D1701,02	MA111	DIODE	2	
D1703	D15XB80	DIODE	1	
D1704	WS10A22	JUMPER	1	
D1705	SF8L60USM	DIODE	1	
D1709	ERA15-10	DIODE	1	
D1710	M1F60	DIODE	1	
D1711	S3V60	DIODE	1	
F201	HU216005BP	CARTRIDGE FUSE	1	⚠
F301	HU216005BP	CARTRIDGE FUSE	1	⚠
F501	HU216002BP	CARTRIDGE FUSE	1	⚠
IC401	TL431AI	INTEGRATED CIRCUIT	1	
IC501	MIP3E30MP	IC	1	⚠
K1601	DG12D1-0	RELAY	1	⚠
K1602	DJ12D2-0	RELAY	1	⚠
K1701	KS321M01	RELAY	1	⚠
K1702	DJ12D2-0T5	RELAY	1	⚠

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L352,53	EXCELDR35	BEAD CHOKE	2	
L401	H221012HY	CHOKE	1	
L402	LH8TB681K	CHOKE	1	
L403,04	EXCELDR35	BEAD CHOKE	2	
L501	EXCELSA35	BEAD CHOKE	1	
L502	EXCELDR35	BEAD CHOKE	1	
L504	EXCELDR35	BEAD CHOKE	1	
L1601-03	P3165208Z	FILTER CHOKE	3	⚠
L1604	ETB50CZ12GAD	CHOKE	1	
L1605	EXCELSR35	BEAD CHOKE	1	
L1607	EXCELSR35	BEAD CHOKE	1	
L1609	EXCELSR35	BEAD CHOKE	1	
L1611	EXCELSR35	BEAD CHOKE	1	
L1613	EXCELSA35	BEAD CHOKE	1	
L1701,02	P2590204Y	FILTER CHOKE	2	⚠
L1703	ETB44CZ129AD	TRANSFORMER	1	
L1704	EXCELSR35	BEAD CHOKE	1	
L1708	EXCELSR35	BEAD CHOKE	1	
MC201	MLZNC682	MODULE	1	⚠
MC202	MLWNB393	MODULE	1	⚠
MC301	MLZNC102	MODULE	1	⚠
MC401	MLLSB103	MODUIE	1	⚠
MC502	MLWNB393	MODULE	1	⚠
MC601	MLSZA100	MODULE	1	⚠
MC701	MLZDD103	MODUIE	1	⚠
MC1601	MLLPC123	MODULE	1	⚠
MC1703	MLLPC123	MODULE	1	⚠
P2	B2P3-VH-B	CONNECTOR	1	
P5	B11B-PH-KS	CONNECTOR	1	
P9	B03P-VL	CONNECTOR	1	⚠
P10	B6B-PH-KS	CONNECTOR	1	
P11	B2P3-VH-B	CONNECTOR	1	
P12	B10B-PH-KS	CONNECTOR	1	
P23	B3B-PH-KS	CONNECTOR	1	
P25	B20B-PHDSS	CONNECTOR	1	
P51,52	B3P4VH-B-L	CONNECTOR	2	⚠
P53,54	B3P-VH	CONNECTOR	2	
P55,56	B8B-PH-KS	CONNECTOR	2	
PC201,02	PS2581A	PHOTO COUPLER	2	⚠
PC503	PS2581A	PHOTO COUPLER	1	⚠
PC506,07	PS2581A	PHOTO COUPLER	2	⚠
Q201-04	FMW21N55G	FIELD EFFECT TRANSISTOR	4	⚠
Q205,06	2SB1440	TRANSISTOR	2	
Q251	2SB1218A	TRANSISTOR	1	
Q301,02	2SK3568	FET	2	
Q303,04	2SB1440	TRANSISTOR	2	
Q351,52	2SK2903	FET	2	
Q353,54	2SB1218A	TRANSISTOR	2	
Q404	2SK3607	FIELD EFFECT TRANSISTOR	1	
Q405,06	2SA1767	TRANSISTOR	2	
Q501	2SK3302	FET	1	
Q502	2SK2731	FET	1	
Q551,52	HAT1130R	FET	2	
Q553	2SB710A	TRANSISTOR	1	
Q1602,03	FMW21N55G	FIELD EFFECT TRANSISTOR	2	⚠
Q1604	2SD2185	TRANSISTOR	1	
Q1605	2SB1440	TRANSISTOR	1	
Q1606,07	FMW21N55G	FIELD EFFECT TRANSISTOR	2	⚠
Q1608	2SB709A	TRANSISTOR	1	
Q1609	2SD601A	TRANSISTOR	1	
Q1701,02	FMA16N55G	FIELD EFFECT TRANSISTOR	2	⚠
Q1703	2SD2185	TRANSISTOR	1	
Q1704	2SB1440	TRANSISTOR	1	
Q1706	2SD1819A	TRANSISTOR	1	
Q1707	2SB709A	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q1708	2SD601A	TRANSISTOR	1	
R201	ERQ14AJ4R7J	FUSIBLE METAL FILM RESISTOR	1	
R202	ERJ12YJ820	CHIP RESISTOR	1	
R204,05	SG732K220	CHIP RESISTOR	2	
R206	ERJ12YJ820	CHIP RESISTOR	1	
R208,09	SG732K220	CHIP RESISTOR	2	
R210	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R211	ERJ12YJ513	CHIP RESISTOR	1	
R212-14	ERJ6GEYJ334	M 330KOHM,J,1/10W	3	
R215,16	ERJ12YJ513	CHIP RESISTOR	2	
R217	ERJ12YJ4R7	M 4.7OHM, J,1/2W	1	
R218	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R219-22	ERJ6ENF2703	M 270KOHM, 1/10W	4	
R223	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R224,25	ERJ12YJ680	M 68 OHM,J, 1/2W	2	
R226	ERJ12YJ513	CHIP RESISTOR	1	
R254	ERDS1TJ201	C 200 OHM, J,1/2W	1	
R257	ERDS1TJ201	C 200 OHM, J,1/2W	1	
R258	ERJ6ENF7152	M71.5KOHM, 1/10W	1	
R259	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R260-62	ERJ6ENF1003	M 100KOHM, 1/10W	3	
R263-65	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	3	
R266-68	ERJ6ENF5492	M54.9KOHM, 1/10W	3	
R269	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R270	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R271	ERJ6GEYJ391	M 390 OHM,J,1/10W	1	
R272	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R273,74	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R276	ERJ6ENF1003	M 100KOHM, 1/10W	1	
R277	ERDS1TJ472	C 4.7KOHM, J,1/2W	1	
R278-82	ERDS1TJ622	CARBON FILM RESISTOR	5	
R283	ERJ6ENF2212	M22.1KOHM, 1/10W	1	
R301,02	ERJ12YJ560	M 56 OHM,J, 1/2W	2	
R303,04	SG732K560	0.5W 56OHM	2	
R305-07	ERJ12YJ513	CHIP RESISTOR	3	
R308,09	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R310	ERQ14AJ4R7J	FUSIBLE METAL FILM RESISTOR	1	
R311	ERJ12YJ513	CHIP RESISTOR	1	
R351	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R353	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R354	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R359,60	ERJ6GEYJ513	M 51KOHM,J,1/10W	2	
R361	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R362	ERDS2TJ101	C 100 OHM, J,1/4W	1	
R364	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R365	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R366,67	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R368	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R369	ERJ6GEYJ202	M 2KOHM,J,1/10W	1	
R370	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R371	ERJ6ENF1622	M16.2KOHM, 1/10W	1	
R372	ERJ6GEYJ1R0	M 1 OHM,J,1/10W	1	
R374	ERJ12YJ100	M 10 OHM,J, 1/2W	1	
R375	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R376	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R377	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R378-85	ERJ12YJ222	CHIP RESISTOR	8	
R389	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R401	ERJ12YJ100	M 10 OHM,J, 1/2W	1	
R407	ERJ6ENF2372	M23.7KOHM, 1/10W	1	
R408	MPC2WR05K	METAL PLATE RESISTOR	1	
R410	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R412	ERJ6ENF2372	M23.7KOHM, 1/10W	1	
R413	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R414	ERJ6GEYJ150	M 15 OHM,J,1/10W	1	
R415	ERJ6ENF2372	M23.7KOHM, 1/10W	1	
R416,17	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	2	
R418,19	ERJ6ENF1622	M16.2KOHM, 1/10W	2	
R420	ERJ6ENF8662	CHIP RESISTOR	1	
R421	ERJ6ENF8061	M8.06KOHM, 1/10W	1	
R422	ERJ6GEYJ150	M 15 OHM,J,1/10W	1	
R474	ERJ6ENF1302	M 13KOHM, 1/10W	1	
R477-79	ERJ6ENF1302	M 13KOHM, 1/10W	3	
R481	ERJ6GEYJ154	M 150KOHM,J,1/10W	1	
R484	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R485	ERJ6GEYJ154	M 150KOHM,J,1/10W	1	
R486	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R501	ERJ12YJ474	M 470KOHM, 1/2W	1	
R502	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R503	ERJ12YJ474	M 470KOHM, 1/2W	1	
R505	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R507,08	ERJ6GEYJ334	M 330KOHM,J,1/10W	2	
R509-12	ERJ6ENF8253	M 825KOHM, 1/10W	4	
R514,15	ERJ6ENF8253	M 825KOHM, 1/10W	2	
R518	ERJ12YJ100	M 10 OHM,J, 1/2W	1	
R519	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R528-30	ERJ6ENF2703	M 270KOHM, 1/10W	3	
R531,32	ERJ12YJ201	CHIP RESISTOR	2	
R560	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R561	ERDS2TJ332	C 3.3KOHM, J,1/4W	1	
R563	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R564	ERJ6GEYJ391	M 390 OHM,J,1/10W	1	
R565	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R566	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R567	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R568	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R570	ERJ12YJ151	M 150 OHM,J, 1/2W	1	
R580	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R581	ERJ6ENF2703	M 270KOHM, 1/10W	1	
R582	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R583	ERJ12YJ4R7	M 4.7OHM, J,1/2W	1	
R1601	R5B100J	5W□10□OHM	1	
R1602	ERC12UGK185	S 1.8MOHM, K,1/2W	1	
R1605-08	ERJ6ENF1213	M 121KOHM, 1/10W	4	
R1609	ERJ6GEYJ6R8	M 6.8 OHM,J,1/10W	1	
R1610-15	RF5EJR27B	METAL PLATE RESISTOR	6	
R1616	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1617	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1618	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R1619	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1620	ERJ6GEYJ154	M 150KOHM,J,1/10W	1	
R1622	ERJ12YJ470	M 47 OHM, J,1/2W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1623	ERQ14AJ330J	FUSIBLE METAL FILM RESISTOR	1	
R1624	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1625	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R1626	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1627	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R1628	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R1629	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1630	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R1631-33	ERJ6GEYJ183	M 18KOHM,J,1/10W	3	
R1634	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1635	ER0S2CKF5363	M 536KOHM, F,1/4W	1	
R1636-39	ERJ6ENF2493	M 249KOHM, 1/10W	4	
R1640,41	ERJ6GEYJ154	M 150KOHM,J,1/10W	2	
R1642,43	ERJ6ENF5233	M 523KOHM, 1/10W	2	
R1644	ERJ6ENF5623	M 523KOHM, 1/10W	1	
R1645,46	ERJ6GEYJ154	M 150KOHM,J,1/10W	2	
R1701	ERC12UGK185	S 1.8MOHM, K,1/2W	1	
R1703	R5B100J	5W□10□OHM	1	
R1704-06	ERJ6ENF1213	M 121KOHM, 1/10W	3	
R1707	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R1708	ERJ6ENF1213	M 121KOHM, 1/10W	1	
R1709-11	RF5EJR18B	5W 0.18 OHM	3	
R1715	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1716	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R1717	ERQ14AJ330J	FUSIBLE METAL FILM RESISTOR	1	
R1719	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1722	ERJ6GEYJ154	M 150KOHM,J,1/10W	1	
R1723	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1725	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R1727-29	ERJ6GEYJ183	M 18KOHM,J,1/10W	3	
R1731-33	ERJ6ENF2493	M 249KOHM, 1/10W	3	
R1740,41	ERJ6ENF5233	M 523KOHM, 1/10W	2	
R1742	ERJ6ENF5623	M 523KOHM, 1/10W	1	
R1747	ERJ6GEYJ393	M 39KOHM,J,1/10W	1	
R1749	ERJ6GEYJ393	M 39KOHM,J,1/10W	1	
R1750,51	ERJ6ENF2493	M 249KOHM, 1/10W	2	
R1752	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R1753	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1754	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R1755	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1756-59	ERJ6GEYJ154	M 150KOHM,J,1/10W	4	
R1760	ERJ12YJ100	M 10 OHM,J, 1/2W	1	
R1761	ERJ6ENF2493	M 249KOHM, 1/10W	1	
RF1601	A5MC100JP2	139C 10	1	⚠
RF1701	A5MC100JP2	139C 10	1	⚠
T201	ETB57LZ1AGAD	TRANSFORMER	1	⚠
T202	ETB57LZ19GAD	TRANSFORMER	1	⚠
T301	ZTS9766H	TRANSFORMER	1	⚠
T501	ETB25KA1B8AD	TRANSFORMER	1	⚠
VR251	EVMEASA01B25	VARIABLE RESISTOR	1	
VR351	EVMEASA01B14	VARIABLE RESISTOR	1	
VR401	EVMEASA01B24	VARIABLE RESISTOR	1	
Z501,02	ERZVGAD471	VARISTOR	2	⚠
Z1601	ERZVGED751	VARISTOR	1	⚠
Z1602	ERZVGAD471	VARISTOR	1	⚠
ZD201,02	MA4270N	ZENER DIODE	2	
ZD207	MA4270N	ZENER DIODE	1	
ZD303,04	MA4270N	ZENER DIODE	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
ZD351-54	MA8150	ZENER DIODE	4	
ZD401	MA4033	ZENER DIODE	1	
ZD402	MA8360	ZENER DIODE	1	
ZD501,02	MA8270	ZENER DIODE	2	
ZD503	MA4120N	ZENER DIODE	1	
ZD1602	MA4047N	ZENER DIODE	1	
ZD1701	MA4047N	ZENER DIODE	1	