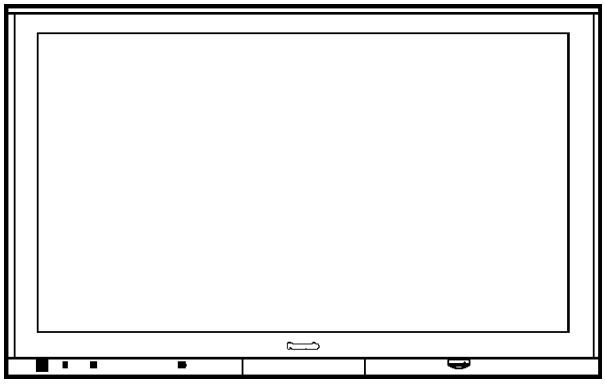
ORDER NO. ITD0709070CE

Service Manual

Plasma Television



TH-65PZ700A
TH-65PY700AZ
TH-65PY700H
TH-65PY700M
TH-65PY700MR

GPF10DA Chassis

Specifications

Power Source		AC 220-240 V, 50 / 60 Hz
Power Consumption		
	Average use	770 W
	Standby condition	0.4 W
Display panel		
	Aspect Ratio	16:9
	Visible screen size	165 cm (diagonal)
		1,434 mm (W) × 807 mm (H)
	Number of pixels	2,073,600 (1,920 (W) × 1,080 (H)) [5,760 × 1,080 dots]
Sound		
	Speaker	Woofer (ϕ100mm) × 2 pcs, Tweeter (23 mm × 100 mm) × 2 pcs
	Audio Output	31 W (15.5 W + 15.5 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

Panasonic®

© 2007 Matsushita Electric Industrial Co., Ltd. All rights reserved. Unauthorized copying and distribution is a violation of law.

Receiving Systems /Band name

(PY 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 Channels (Regular TV)

(PY model)

VHF BAND	**UHF BAND**	**CATV**
2-12 (PAL/SECAM B, K1)	21-69 (PAL G, H, I/SECAM G, K, K1)	S1-S20 (OSCAR)
0-12 (PAL B AUST.)	28-69 (PAL B AUST.)	1-125 (USA CATV)
1-9 (PAL B N.Z.)	13-57 (PAL D, K)	C13-C49 (JAPAN)
1-12 (PAL/SECAM D)	13-62 (NTSC M Japan)	S21-S41 (HYPER)
1-12 (NTSC M Japan)	14-69 (NTSC M USA)	Z1-Z37 (CHINA)
2-13 (NTSC M USA)		5A, 9A (AUST.)

Receiving Systems / Band name

(PZ model)

PA B/G	Reception of Off air broadcasts
DVB-T	7 MHz VHF / UHF (Australia) free-to-air TV broadcast reception
PA 60 Hz	Playback of NTSC tape from some PAL Video recorders (VCR)
M.NTSC	Playback from M. NTSC Video recorders (VCR)
NTSC	Playback from NTSC Video recorders (VCR)

Aerial - Rear VHF / UHF (PY model) , Standard Belling & Lee Connector (PZ model)

Operating Conditions **Temperature** : 0 °C - 40 °C

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

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] (75Ω)
	S VIDEO	Mini DIN 4-pin	Y:1.0 V[p-p] (75Ω) C:0.286 V[p-p] (75Ω)
AV2 Input			
	AUDIO L - R	RCA PIN Type × 2	0.5 V[rms]
	VIDEO	RCA PIN Type × 1	1.0 V[p-p] (75Ω)
	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] (75Ω)
	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] (75Ω)
	S VIDEO	Mini DIN 4-pin	Y:1.0 V[p-p] (75Ω) C:0.286 V[p-p] (75Ω)
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] (75Ω)

Others

HDMI1 / 2 / 3 Input	TYPE A Connectors	●This TV supports “DAVI Control 2” function.
PC Input	HIGH-DENSITY D-SUB 15PIN	R, G, B/0.7 V[p-p] (75Ω) HD, VD/TTL Level 2.0 - 5.0 V[p-p] (high impedance)
Audio Input	RCA PIN Type × 2	0.5 V[rms]
DIGITALAUDIO OUT	PCM/Dolby Digital, Fiber optic	
Card slot	SD CARD slot × 1	
Dimensions (W × H × D)	1,609 mm × 998 mm × 142 mm	
Mass	82kg	

Note

●Design and Specications are subject to change without notice. Mass and Dimensions shown are approximate.

⚠ WARNING

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

CONTENTS

Page

1 Applicable signals ····· 6
2 Safety Precautions ····· 7
2.1. General Guidelines ····· 7
2.2. Touch-Current Check ····· 7
3 Prevention of Electrostatic Discharge (ESD) to Electrostatically Sensitive (ES) Devices ····· 8
4 About lead free solder (PbF) ····· 9
5 Service Hint ····· 10
6 Plasma panel replacement method ····· 11
6.1. Remove the Back cover ····· 11
6.2. Remove the P(P-1)-Board ····· 11
6.3. Remove the P(P-2)-Board ····· 11
6.4. Remove the Rear terminal cover ····· 11
6.5. Remove the tuner unit ····· 12
6.6. Remove the DH-Board ····· 12
6.7. Remove the DG-Board ····· 13
6.8. Remove the H-Board ····· 13
6.9. Remove the JG-Board ····· 13
6.10. Remove the PA-Board ····· 14
6.11. Remove the D-Board ····· 14
6.12. Remove the Speaker box assy (L, R) ····· 15
6.13. Remove the SU-Board ····· 15
6.14. Remove the SD-Board ····· 15
6.15. Remove the SC-Board ····· 16
6.16. Remove the SS2-Board ····· 16
6.17. Remove the SS3-Board ····· 16
6.18. Remove the SS-Board ····· 16
6.19. Remove the Reinforcement Angles (L, R) and the Connection Plate (A, B, C, D) ····· 17
6.20. Remove the Fan unit (R) and Fan ····· 17
6.21. Remove the Fan unit (L) and Fans ····· 18
6.22. Remove the Cabinet-fixing metal (A) (Upper) ····· 18
6.23. Remove the Cabinet-fixing metal (B) (Upper) ····· 18

Page

6.24. Remove the C1-Board ····· 18
6.25. Remove the C2-Board ····· 18
6.26. Remove the C3-Board ····· 19
6.27. Remove the Front Shield metal ····· 19
6.28. Remove the Tuner Support metal ····· 19
6.29. Remove the Support metal (L) ····· 19
6.30. Remove the Support metal (R) ····· 19
6.31. Remove the Cabinet-fixing metal (A) (Lower) ····· 20
6.32. Remove the Cabinet-fixing metal (B)(Lower) ····· 20
6.33. Remove the C4-Board ····· 20
6.34. Remove the C5-Board ····· 20
6.35. Remove the C6-Board ····· 21
6.36. Remove the Front bracket ····· 21
6.37. Remove the G-Board ····· 21
6.38. Remove the GS-Board ····· 22
6.39. Remove the S-Board ····· 22
6.40. Remove the K-Board ····· 22
6.41. Remove the R-Board ····· 22
6.42. Remove the J-Board ····· 23
6.43. Remove the Plasma panel section from the Cabinet assy (glass) ····· 23
6.44. Remove the squawker speaker ····· 24
6.45. Replace the plasma panel (finished) ····· 24
7 Caution statement ····· 25
7.1. Caution statement. ····· 25
8 Location of Lead Wiring ····· 26
8.1. Lead of Wiring (1) ····· 26
8.2. Lead of Wiring (2) ····· 27
8.3. Lead of Wiring (3) ····· 28
9 Self-check Function ····· 29
9.1. Check of the IIC bus lines ····· 29
9.2. Power LED Blinking timing chart ····· 30
9.3. No Power ····· 31

9.4. No Picture ··· 32
9.5. Local screen failure ··· 33
10 Service Mode ··· 34
10.1. How to enter into Service Mode ··· 34
10.2. Service tool mode ··· 36
11 Adjustment Procedure ··· 37
11.1. Driver Set-up ··· 37
11.2. Initialization Pulse Adjust ··· 38
11.3. P.C.B. (Printed Circuit Board) exchange ··· 38
11.4. Adjustment Volume Location ··· 39
11.5. Test Point Location ··· 39
12 Adjustment ··· 40
12.1. Sub-Contrast adjustment ··· 40
12.2. PAL panel white balance adjustment ··· 41
12.3. HD white balance adjustment ··· 42
13 Hotel mode ··· 43
14 Conductor Views ··· 45
14.1. P(1)-Board ··· 45
14.2. P(2)-Board ··· 48
14.3. PA-Board ··· 51
14.4. G-Board ··· 52
14.5. H-Board ··· 53
14.6. GH and GS-Board ··· 55
14.7. JG-Board ··· 56
14.8. DG-Board ··· 58
14.9. DH-Board ··· 61
14.10. D-Board ··· 62
14.11. C1-Board ··· 64
14.12. C2-Board ··· 65
14.13. C3-Board ··· 66
14.14. C4-Board ··· 67
14.15. C5-Board ··· 68
14.16. C6-Board ··· 69
14.17. SC-Board ··· 70
14.18. SU-Board ··· 73
14.19. SD-Board ··· 74
14.20. SS-Board ··· 75
14.21. SS2 and SS3-Board ··· 78
14.22. J,K,R and S-Board ··· 79
15 Schematic and Block Diagram ··· 81
15.1. Schematic Diagram Note ··· 81
15.2. Main Block Diagram ··· 82
15.3. P-Board (1 of 2) Block Diagram ··· 83
15.4. P-Board (2 of 2) Block Diagram ··· 84
15.5. P-Board (1 of 2) Schematic Diagram ··· 85
15.6. P-Board (2 of 2) Schematic Diagram ··· 86
15.7. PA-Board Block Diagram ··· 87
15.8. PA-Board (1 of 2) Schematic Diagram ··· 88
15.9. PA-Board (2 of 2) Schematic Diagram ··· 89
15.10. G, and S-Board Schematic Diagram ··· 90
15.11. H-Board (1 of 2) Block Diagram ··· 91
15.12. H-Board (2 of 2) Block Diagram ··· 92
15.13. H-Board (1 of 5) Schematic Diagram ··· 93
15.14. H-Board (2 of 5) Schematic Diagram ··· 94
15.15. H-Board (3 of 5) Schematic Diagram ··· 95
15.16. H-Board (4 of 5) Schematic Diagram ··· 96
15.17. H-Board (5 of 5) Schematic Diagram ··· 97
15.18. GH-Board Schematic Diagram ··· 98
15.19. GS-Board Block Diagram ··· 99
15.20. GS-Board Schematic Diagram ··· 100
15.21. JG-Board Block Diagram ··· 101
15.22. JG-Board (1 of 5) Schematic Diagram ··· 102
15.23. JG-Board (2 of 5) Schematic Diagram ··· 103
15.24. JG-Board (3 of 5) Schematic Diagram ··· 104
15.25. JG-Board (4 of 5) Schematic Diagram ··· 105
15.26. JG-Board (5 of 5) Schematic Diagram ··· 106
15.27. DG-Board (1 of 3) Block Diagram ··· 107
15.28. DG-Board (2 of 3) Block Diagram ··· 108
15.29. DG-Board (3 of 3) Block Diagram ··· 109
15.30. DG-Board (1 of 12) Schematic Diagram ··· 110
15.31. DG-Board (2 of 12) Schematic Diagram ··· 111
15.32. DG-Board (3 of 12) Schematic Diagram ··· 112
15.33. DG-Board (4 of 12) Schematic Diagram ··· 113
15.34. DG-Board (5 of 12) Schematic Diagram ··· 114
15.35. DG-Board (6 of 12) Schematic Diagram ··· 115
15.36. DG-Board (7 of 12) Schematic Diagram ··· 116
15.37. DG-Board (8 of 12) Schematic Diagram ··· 117
15.38. DG-Board (9 of 12) Schematic Diagram ··· 118
15.39. DG-Board (10 of 12) Schematic Diagram ··· 119
15.40. DG-Board (11 of 12) Schematic Diagram ··· 120
15.41. DG-Board (12 of 12) Schematic Diagram ··· 121
15.42. DH-Board Block Diagram ··· 122
15.43. DH-Board (1 of 4) Schematic Diagram ··· 123
15.44. DH-Board (2 of 4) Schematic Diagram ··· 124
15.45. DH-Board (3 of 4) Schematic Diagram ··· 125
15.46. DH-Board (4 of 4) Schematic Diagram ··· 126
15.47. D-Board (1 of 2) Block Diagram ··· 127
15.48. D-Board (2 of 2) Block Diagram ··· 128
15.49. D-Board (1 of 8) Schematic Diagram ··· 129
15.50. D-Board (2 of 8) Schematic Diagram ··· 130
15.51. D-Board (3 of 8) Schematic Diagram ··· 131
15.52. D-Board (4 of 8) Schematic Diagram ··· 132
15.53. D-Board (5 of 8) Schematic Diagram ··· 133
15.54. D-Board (6 of 8) Schematic Diagram ··· 134
15.55. D-Board (7 of 8) Schematic Diagram ··· 135
15.56. D-Board (8 of 8) Schematic Diagram ··· 136
15.57. C1, C2, C5 and C6-Board Block Diagram ··· 137
15.58. C2, C3, C4 and C5-Board Block Diagram ··· 138
15.59. C1-Board (1 of 2) Schematic Diagram ··· 139
15.60. C1-Board (2 of 2) Schematic Diagram ··· 140
15.61. C2-Board (1 of 2) Schematic Diagram ··· 141
15.62. C2-Board (2 of 2) Schematic Diagram ··· 142
15.63. C3-Board (1 of 2) Schematic Diagram ··· 143
15.64. C3-Board (2 of 2) Schematic Diagram ··· 144
15.65. C4-Board (1 of 2) Schematic Diagram ··· 145
15.66. C4-Board (2 of 2) Schematic Diagram ··· 146
15.67. C5-Board (1 of 2) Schematic Diagram ··· 147
15.68. C5-Board (2 of 2) Schematic Diagram ··· 148

15.69. C6-Board (1 of 2) Schematic Diagram ····· 149
15.70. C6-Board (2 of 2) Schematic Diagram ····· 150
15.71. SC-Board Block Diagram ····· 151
15.72. SC-Board (1 of 4) Schematic Diagram ····· 152
15.73. SC-Board (2 of 4) Schematic Diagram ····· 153
15.74. SC-Board (3 of 4) Schematic Diagram ····· 154
15.75. SC-Board (4 of 4) Schematic Diagram ····· 155
15.76. SU and SD-Board Block Diagram ····· 156
15.77. SU-Board (1 of 3) Schematic Diagram ····· 157
15.78. SU-Board (2 of 3) Schematic Diagram ····· 158
15.79. SU-Board (3 of 3) Schematic Diagram ····· 159
15.80. SD-Board (1 of 3) Schematic Diagram ····· 160
15.81. SD-Board (2 of 3) Schematic Diagram ····· 161
15.82. SD-Board (3 of 3) Schematic Diagram ····· 162
15.83. S, SS, SS2 and SS3-Board Block Diagram ····· 163
15.84. SS-Board (1 of 2) Schematic Diagram ····· 164
15.85. SS-Board (2 of 2), SS2 and SS3 Schematic Diagram ·· 165
15.86. J,K and R-Board Schematic Diagram ····· 166
16 Exploded Views & Replacement Parts List ····· 167
16.1. Exploded Views ····· 167
16.2. Fan Exploded Views ····· 168
16.3. Accessory ····· 169
16.4. Packing Exploded Views (1) ····· 170
16.5. Packing Exploded Views (2) ····· 171
16.6. Packing Exploded Views (3) ····· 172
16.7. Replacement Parts List Notes ····· 173
16.8. Mechanical Replacement Parts List ····· 174
16.9. Electrical Replacement Parts List ····· 175

1 Applicable signals

Input signal that can be displayed

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

Note

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

2 Safety Precautions

2.1. General Guidelines

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

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);

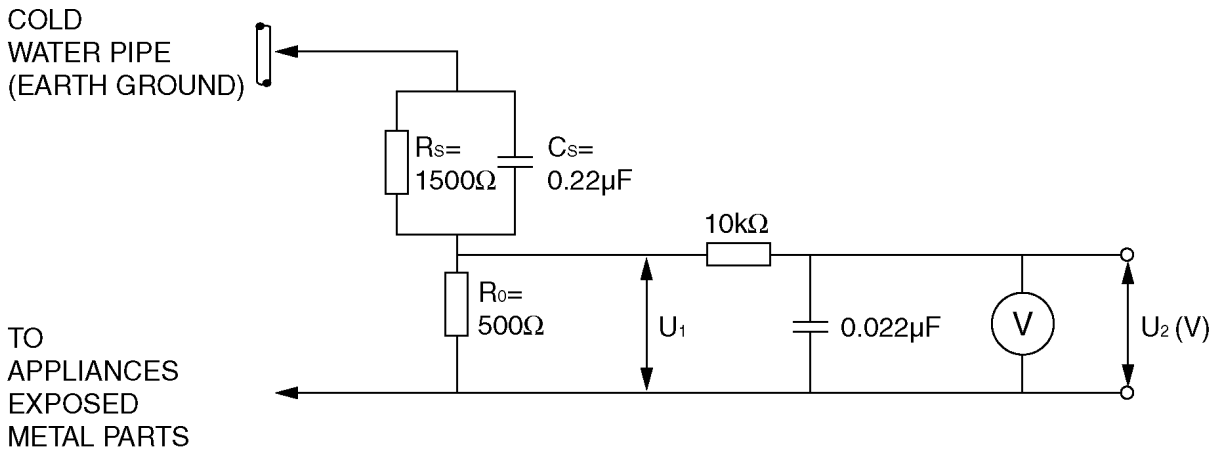
   For d. c.: U_1 = 1.0 V,

   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 Electrostatic Discharge (ESD) to Electrostatically Sensitive (ES) Devices

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

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

   Caution

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

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety.
These parts are marked by ⚠ in the schematic diagrams, 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.

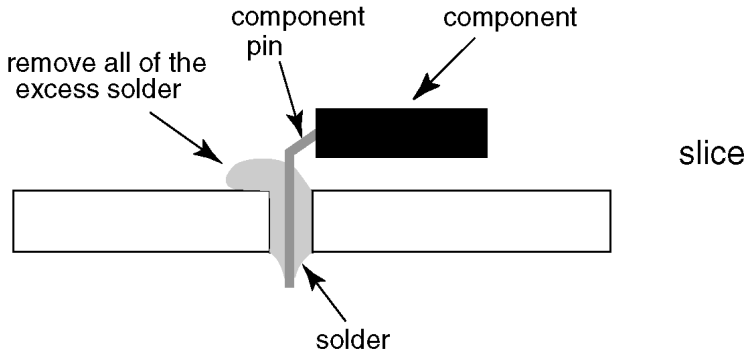
This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

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

Caution

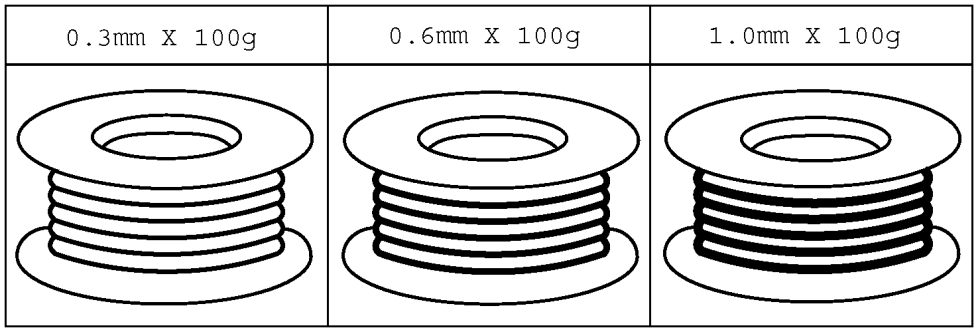
- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).

  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)



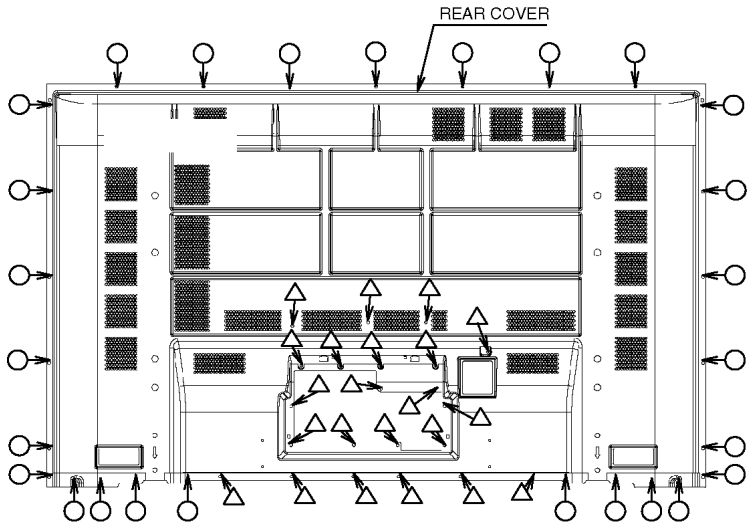
Suggested Pb free solder

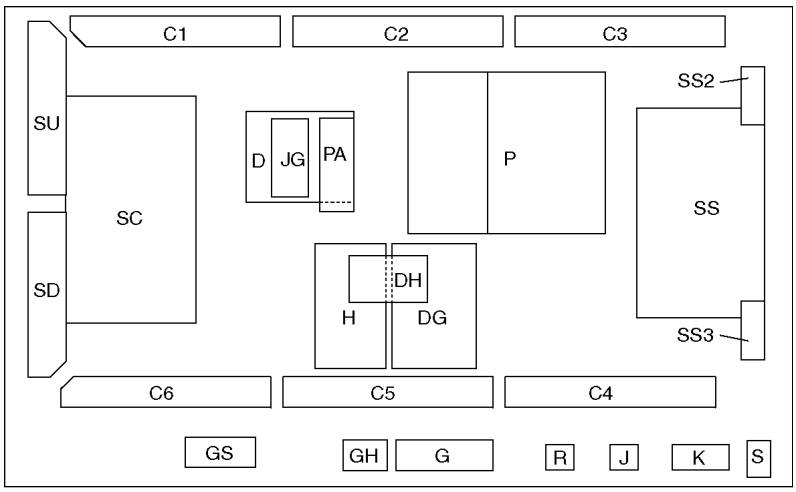
There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.



5 Service Hint

Remove the Rear Cover





Board Name	Function	Board Name	Function
P	Power Supply	D	Format Converter, Plasma AI, Sub-Field Processor
PA	Fan control , DC-DC	C1	Data Driver (Upper Right)
H	Speaker out, Sound Processor AV Terminal, AV Switch	C2	Data Driver (Upper Center)
		C3	Data Driver (Upper Left)
DG	DC-DC Converter Digital Signal Processor, Microcomputer HDMI Interface, Peaks Lite 2	C4	Data Driver (Lower Left)
		C5	Data Driver (Lower Center)
		C6	Data Driver (Lower Right)
JG	H264 Decoder	SC	Scan Drive
G	Front terminal, Key Switch	SU	Scan out (Upper)
K	Power LED	SD	Scan out (Lower)
S	Power Switch	SS	Sustain Drive
GS	SD Card Slot	SS2	Sustain Connector (Upper)
GH	HDMI3 in	SS3	Sustain Connector (Lower)
J	Interface	DH	Full HD
R	Remote receiver		

6 Plasma panel replacement method

6.1. Remove the Back cover

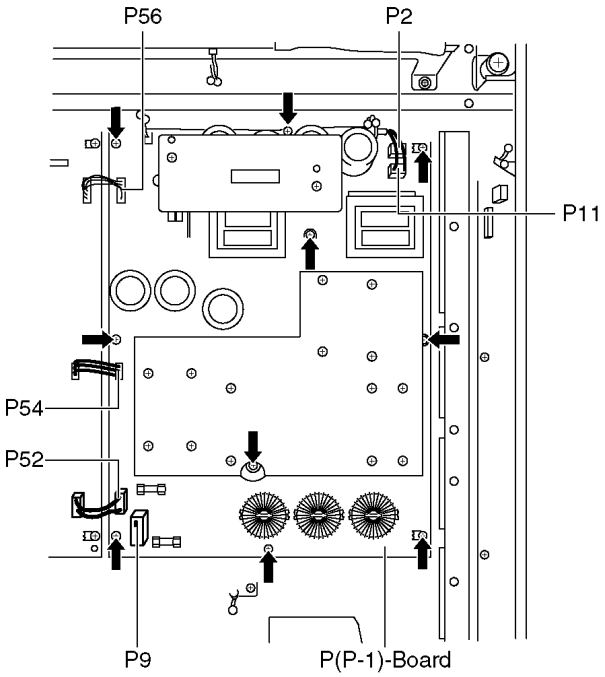
1. See Service Hint (Section 5)

6.2. 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.

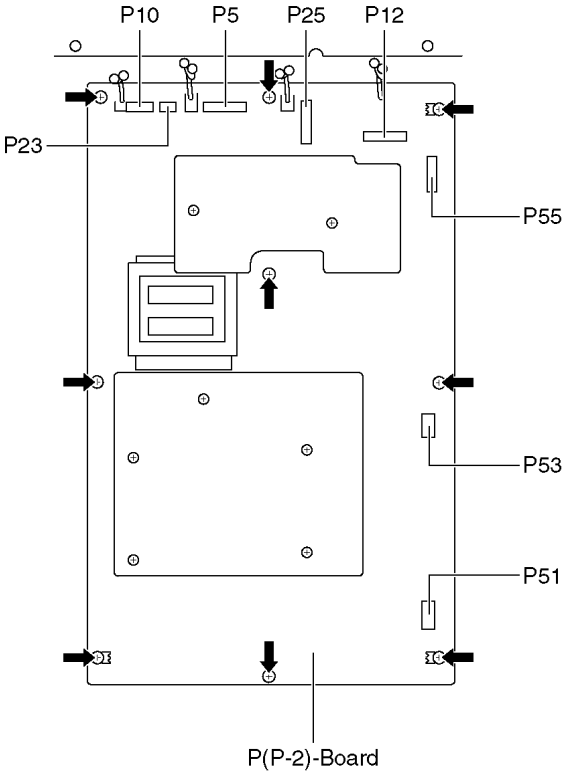


6.3. Remove the P(P-2)-Board

Caution:

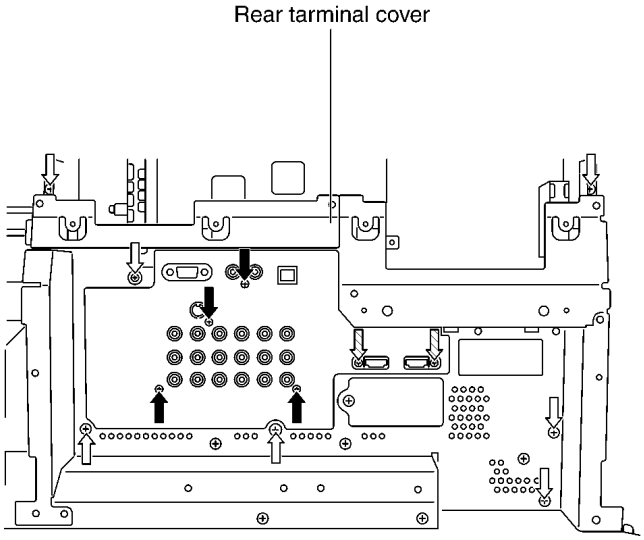
To remove P.C.B. wait 1 minute after power was off for discharge from electrolysis capacitors.

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.



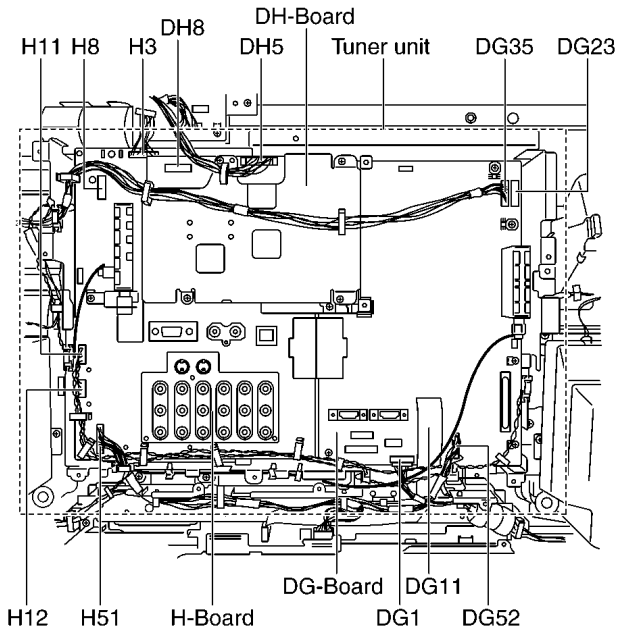
6.4. Remove the Rear terminal cover

1. Remove the screws (×4 ➡, ×7 ⇨, ×2 ⇨).
2. Remove the Rear terminal cover.



6.5. Remove the tuner unit

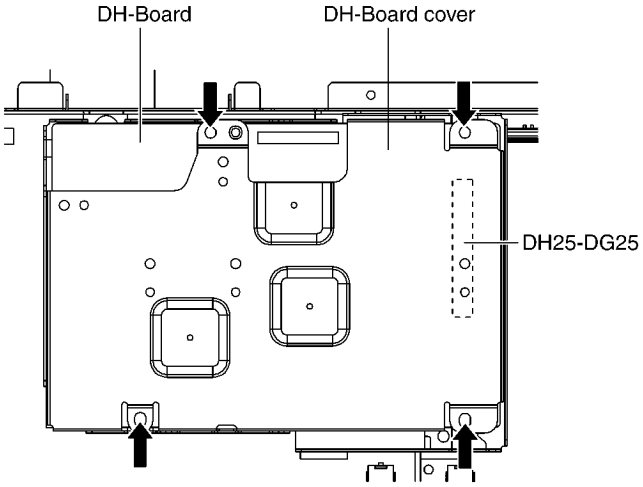
1. Unlock the cable clampers to free the cable.
2. Disconnect the connectors (DG1, DG11, DG23, DG35, DG52, DH5, DH8, H3, H8, H11, H12 and H51).
3. Remove the screws (×4 ➡) and remove the tuner unit.



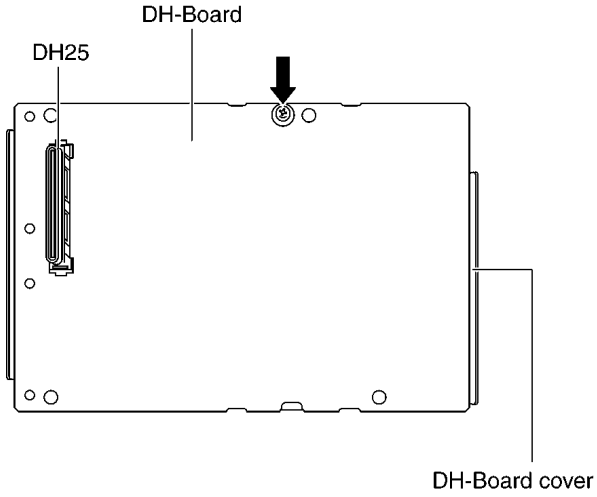
6.6. Remove the DH-Board

1. Remove the tuner unit. (See section 6.5.)
2. Remove the screws (×4 ➡) and remove the DH-Board cover and DH-Board.

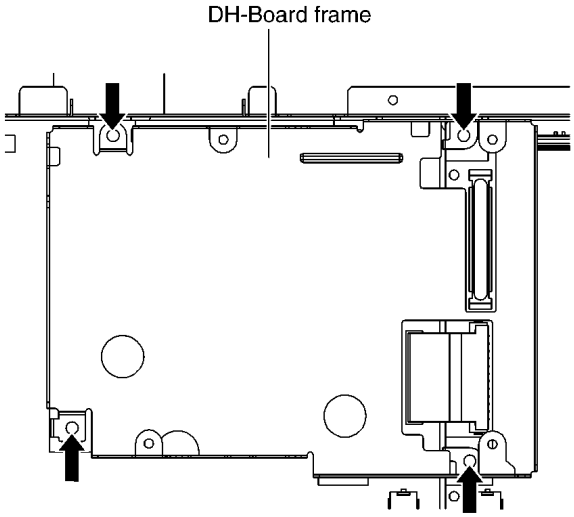
   (Be careful the connector (DH25-DG25) when remove the DH-Board.)



3. Remove the screw (×1 ➡) and remove the DH-Board from DH-Board cover.

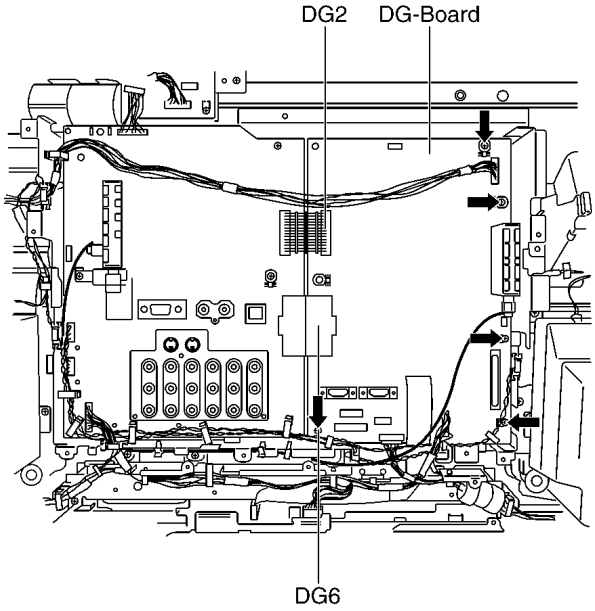


4. Remove the screws (×4 ➡) and remove the DH-Board frame.



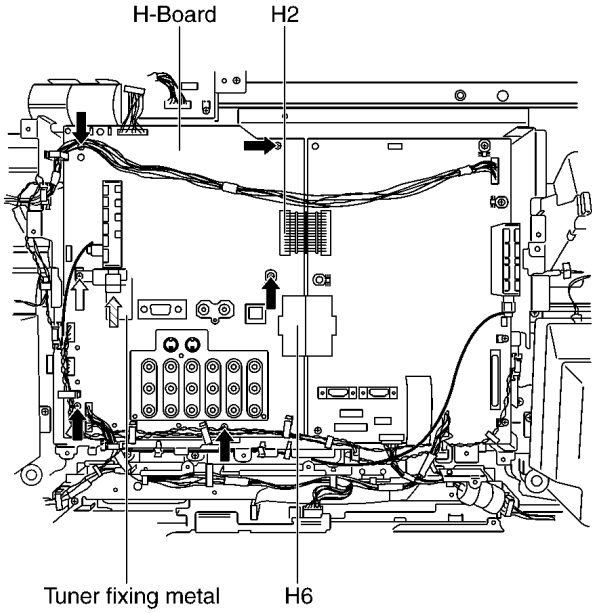
6.7. Remove the DG-Board

1. Remove the tuner unit. (See section 6.5.)
2. Remove the DH-Board and the DH-Board frame. (See section 6.6.)
3. Disconnect the connector (DG2 and DG6).
4. Remove the screws (×5 ➡) and remove the DG-Board.



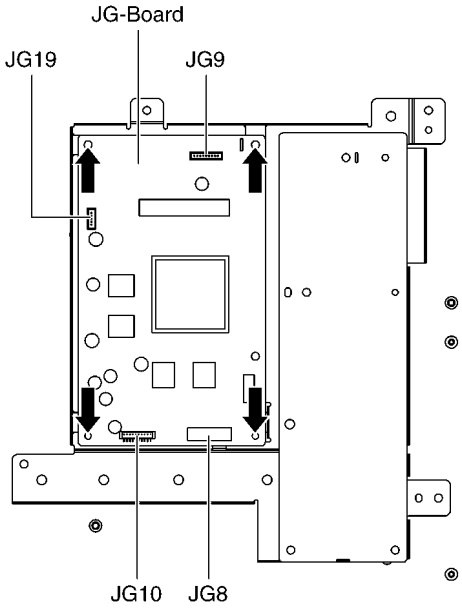
6.8. Remove the H-Board

1. Remove the tuner unit. (See section 6.5.)
2. Remove the DH-Board and the DH-Board frame. (See section 6.6.)
3. Remove the screws (×1 ⇨ , ×1 ⇨) and remove the tuner fixing metal.
4. Disconnect the connector (H2 and H6).
5. Remove the screws (×5 ➡) and remove the H-Board.



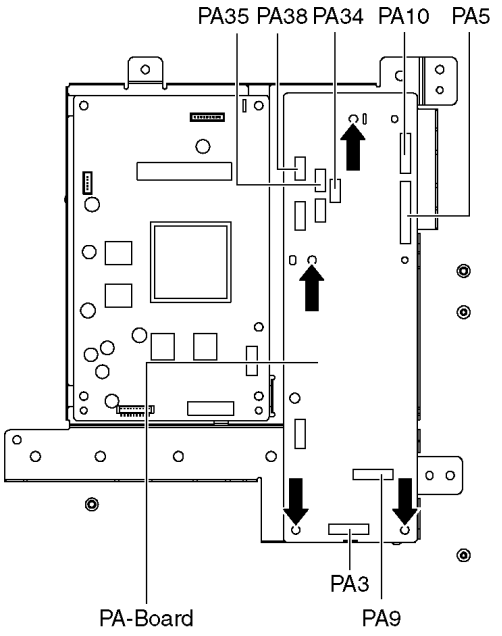
6.9. Remove the JG-Board

1. Disconnect the connector (JG8, JG9, JG10 and JG19).
2. Remove the screws (×4 ➡) and remove the JG-Board.

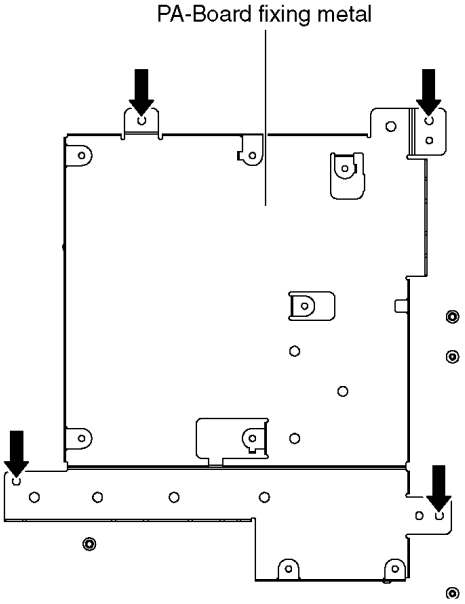


6.10. Remove the PA-Board

1. Unlock the cable clampers to free the cable.
2. Disconnect the connectors (PA3, PA5, PA9, PA10, PA34, PA35 and PA38).
3. Remove the screws (×4 ➡) and remove the PB-Board.

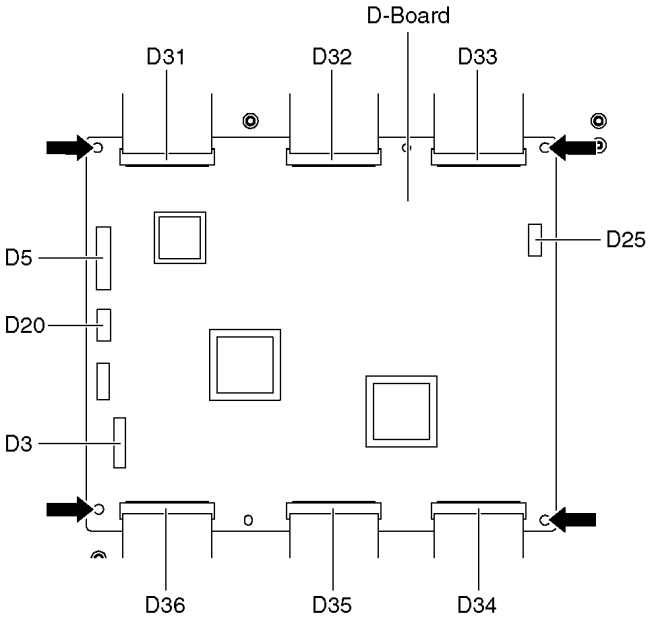


4. Remove the JG-Board. (See section 6.10.)
5. Remove the screws (×4 ➡) and remove the PA-Board fixing metal.



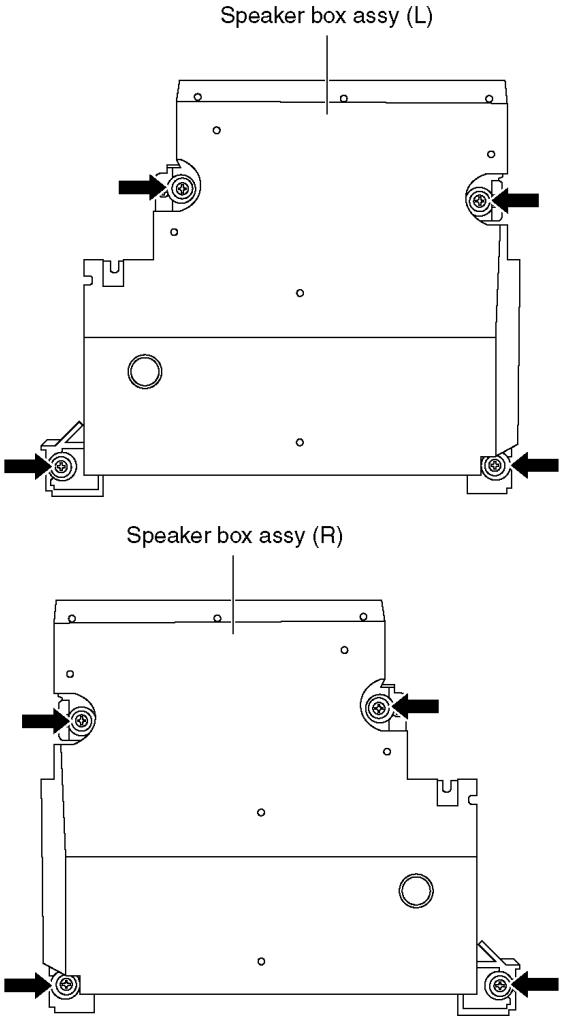
6.11. Remove the D-Board

1. Remove the PA-Board fixing metal. (See section 6.11.)
2. Disconnect the connectors (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.



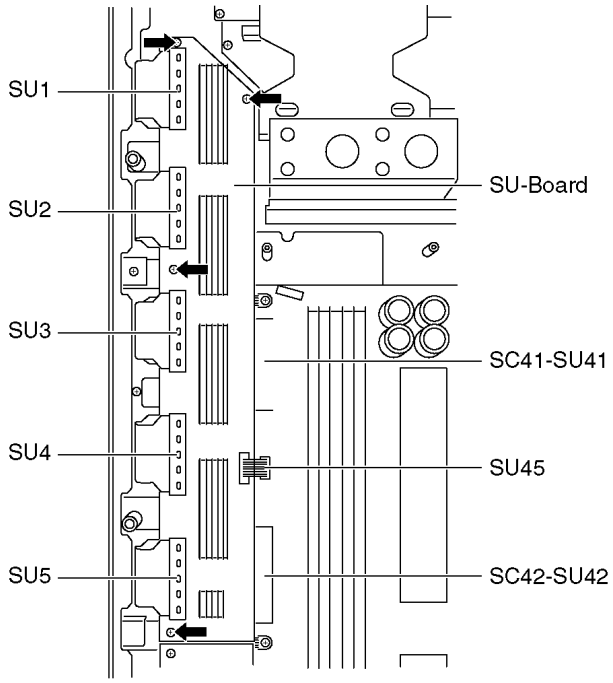
6.12. Remove the Speaker box assy (L, R)

1. Unlock the cable clampers to free the cable.
2. Disconnect the relay connectors.
3. Remove the screw (×4 ➡) and remove the Speaker box assy (L, R).



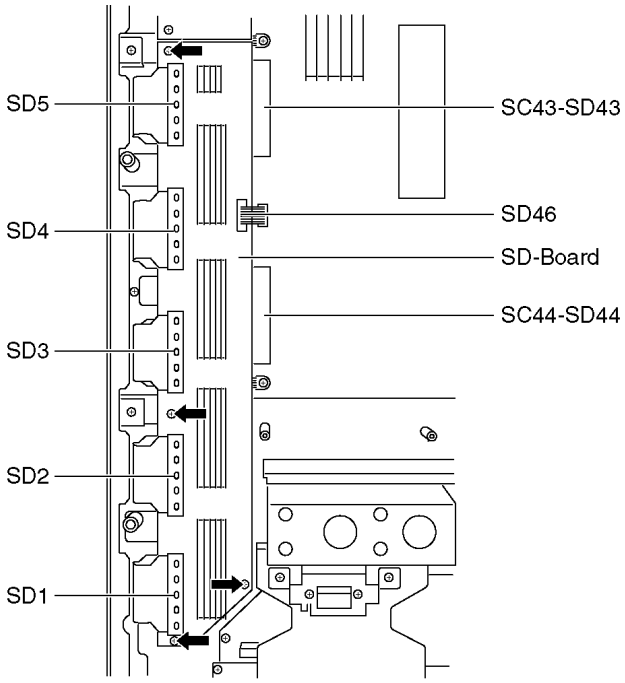
6.13. Remove the SU-Board

1. Remove the screws (×4 ➡).
2. Remove the flexible cables (SU1, SU2, SU3, SU4 and SU5) connected to the SU-Board and remove the connectors (SC45-SU45).
3. Slide the SU-Board to the left to disconnect from connectors (SC41-SU41 and SC42-SU42) on the SC-Board and remove the SU-Board.



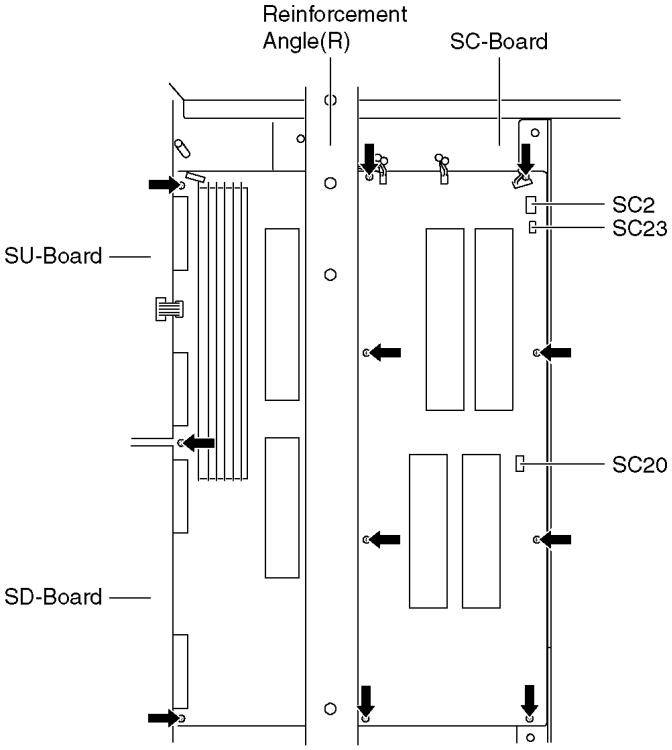
6.14. Remove the SD-Board

1. Remove the screws (×4 ➡).
2. Remove the flexible cables (SD1, SD2, SD3, SD4 and SD5) connected to the SD-Board and remove the connector (SC46-SD46).
3. Slide the SD-Board to the left to disconnect from connectors (SC43-SD43 and SC44-SD44) on the SC-Board and remove the SD-Board.



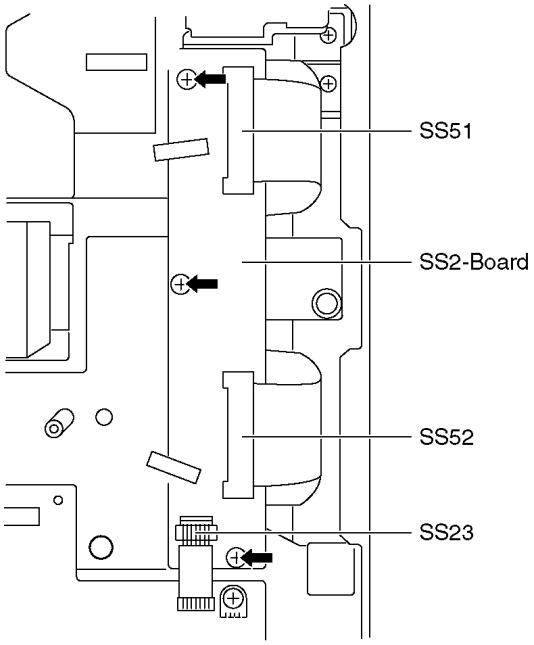
6.15. Remove the SC-Board

1. Unlock the cable clampers to free the cable.
2. Remove the SU-Board and SD-Board. (See section 6.13. and 6.14.)
3. Disconnect the connectors (SC2, SC20 and SC23).
4. Remove the screws (×11 ➡) and remove the SC-Board.



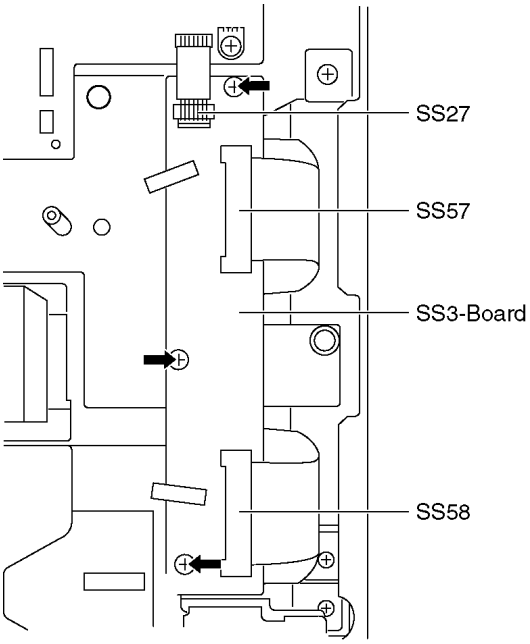
6.16. Remove the SS2-Board

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.



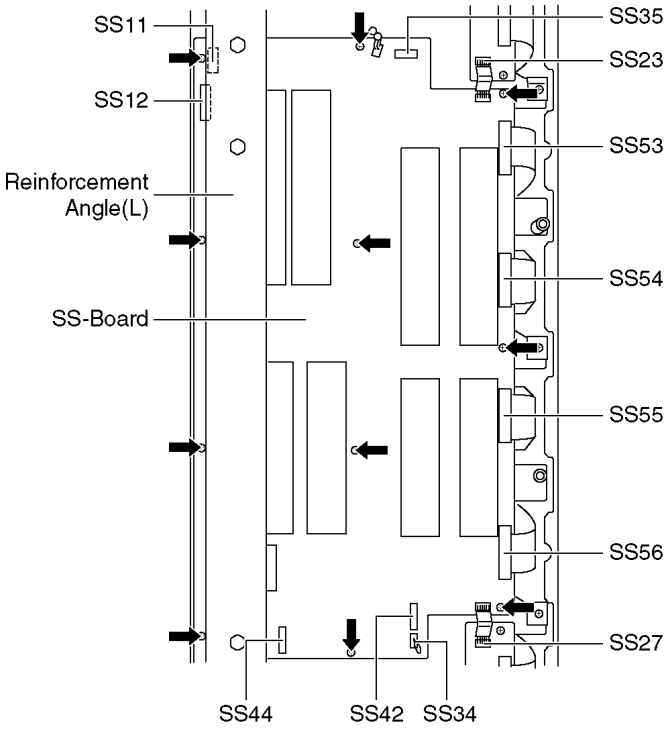
6.17. Remove the SS3-Board

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.



6.18. Remove the SS-Board

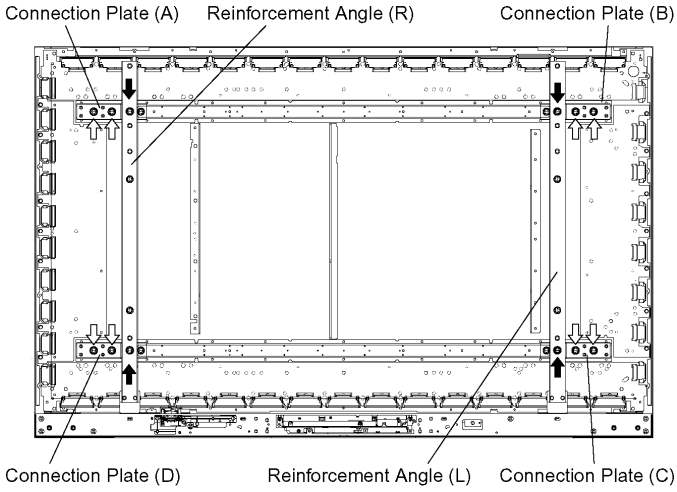
1. Unlock the cable clampers to free the cable.
2. Disconnect the couplers (SS11, SS12, SS23, SS27, SS34, SS35, SS42 and SS44).
3. Disconnect the flexible cables (SS53, SS54, SS55 and SS56).
4. Remove the screws (×11 ➡) and remove the SS-Board.

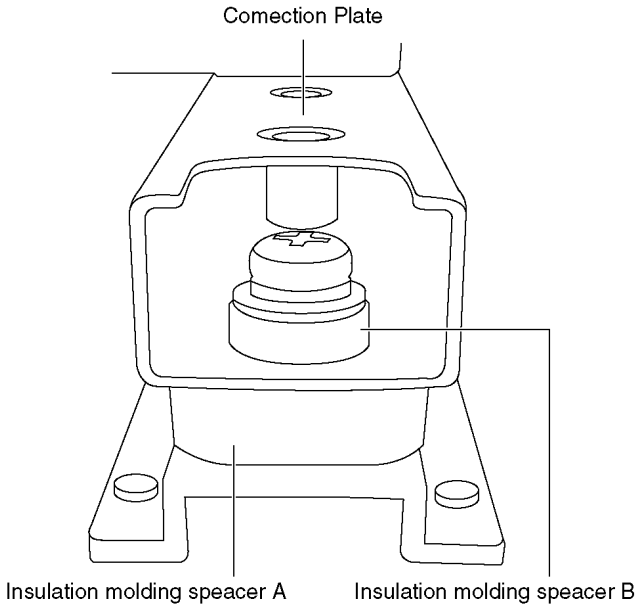


6.19. Remove the Reinforcement Angles (L, R) and the Connection Plate (A, B, C, D)

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.

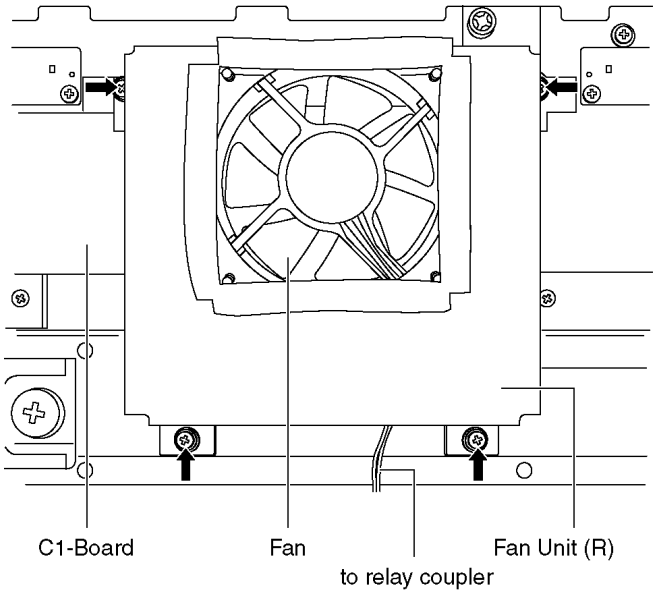
   Spread a soft cloth or similar on the table for protection, so the panel surface is not scratched.
2. Remove the screws (×2 ➡ each) and remove the Reinforcement Angles (L, R).
3. Remove the screws (×2 ⇨ each) and remove Insulation mounting spacers B (×2 each) and the Connection Plate (A, B, C, D).
4.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



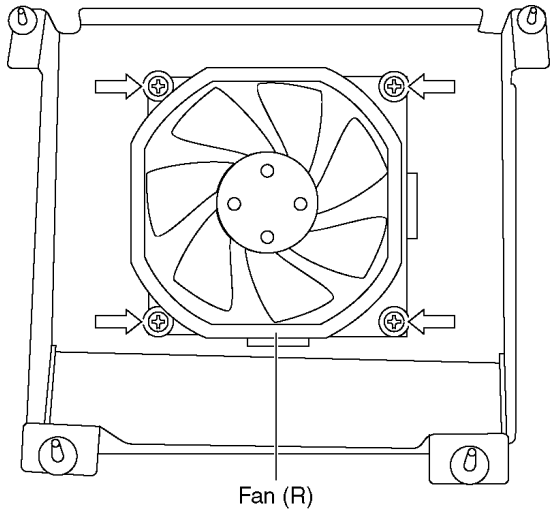


6.20. Remove the Fan unit (R) and Fan

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

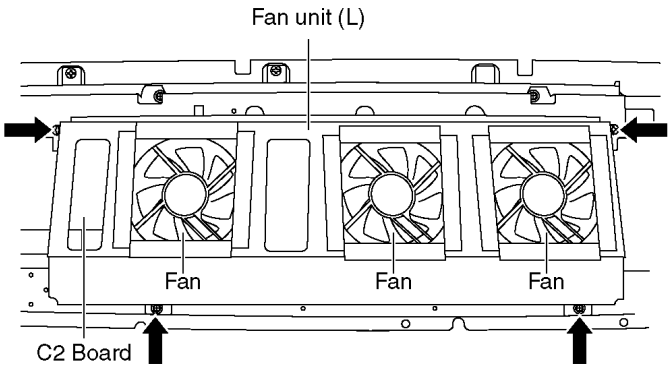


3. Remove the screws (×4 ⇨) and remove the Fan.

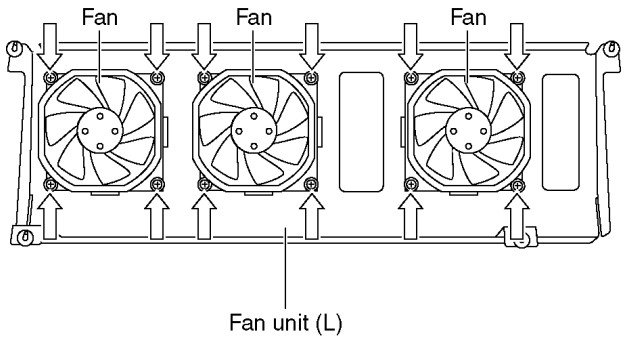


6.21. Remove the Fan unit (L) and Fans

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

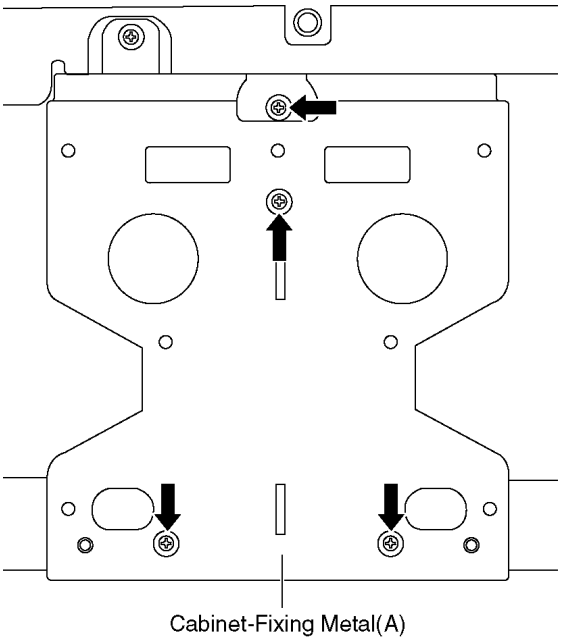


3. Remove the screws (×12 ⇨) and remove the Fans (×3).



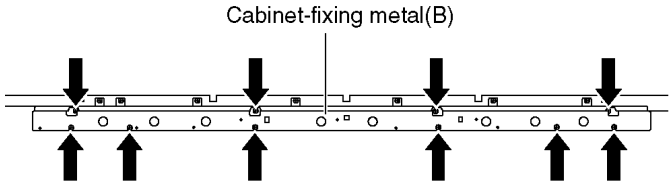
6.22. Remove the Cabinet-fixing metal (A) (Upper)

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



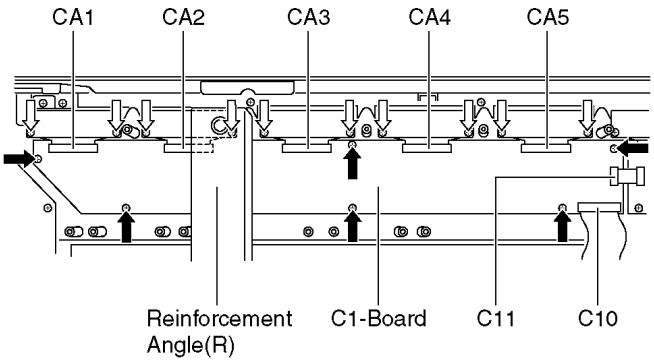
6.23. Remove the Cabinet-fixing metal (B) (Upper)

1. Remove the screws (×10 ➡ each).
2. Remove the Cabinet-fixing metal (B).



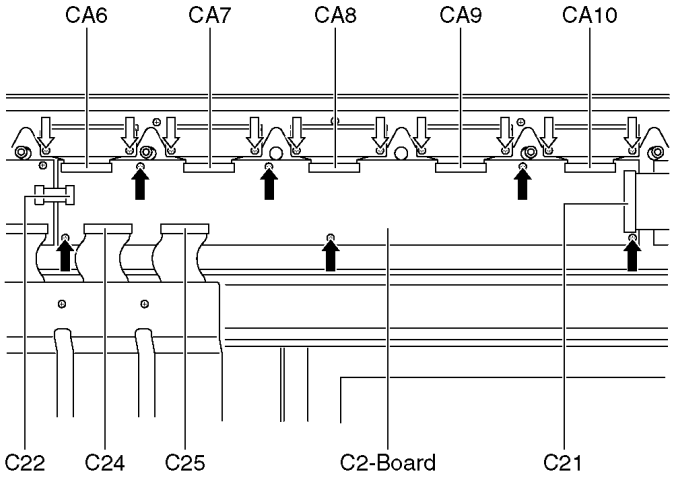
6.24. Remove the C1-Board

1. Remove the Fan unit (R). (See section 6.20.)
2. Remove the Cabinet-fixing metal (A) and (B). (See section 6.21. and 6.22.)
3. Remove the Reinforcement Angle (R). (See section 6.19.)
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.



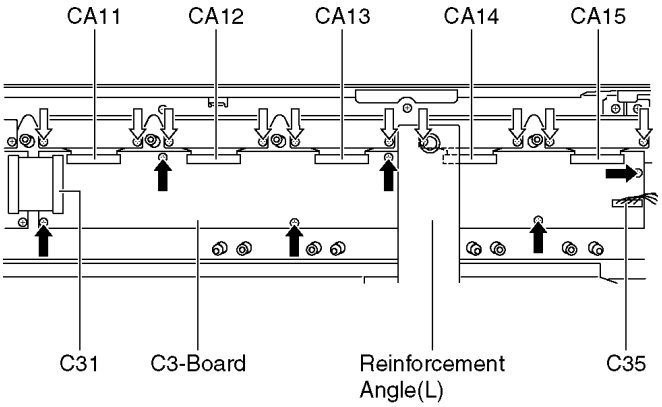
6.25. Remove the C2-Board

1. Remove the Fan unit (L). (See section 6.21.)
2. Remove the Cabinet-fixing metal (B). (See section 6.23.)
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.



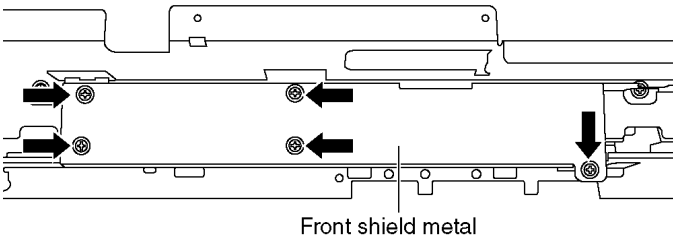
6.26. Remove the C3-Board

1. Remove the Fan unit (L). (See section 6.21.)
2. Remove the Cabinet-fixing metal (A) and (B). (See section 6.21. and 6.22.)
3. Remove the Reinforcement Angle (L). (See section 6.19.)
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.



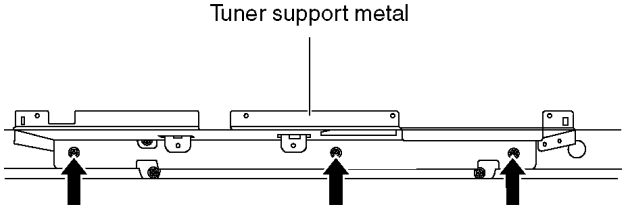
6.27. Remove the Front Shield metal

1. Remove the screw (×5 ➡).
2. Remove the Front shield metal.



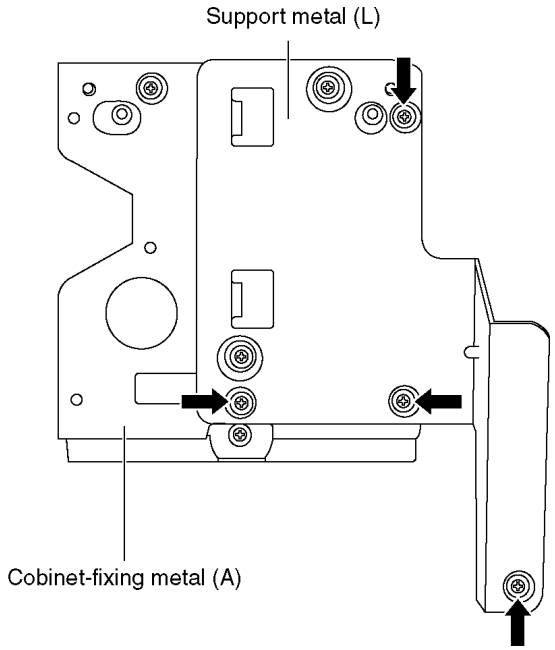
6.28. Remove the Tuner Support metal

1. Unlock the cable clampers to free the cable.
2. Disconnect the connector (H51). (See section 6.5.)
3. Disconnect the flexible cable (DG11). (See section 6.5.)
4. Remove the screw (×3 ➡).
5. Remove the Tuner support metal.



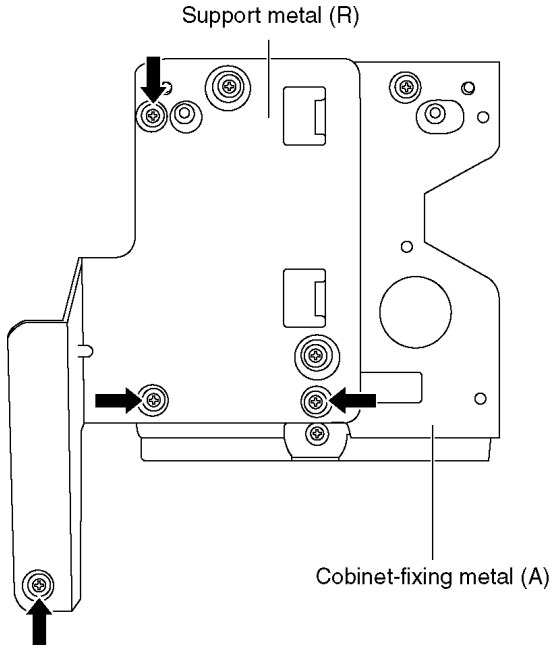
6.29. Remove the Support metal (L)

1. Remove the screw (×4 ➡).
2. Remove the suport metal (L).



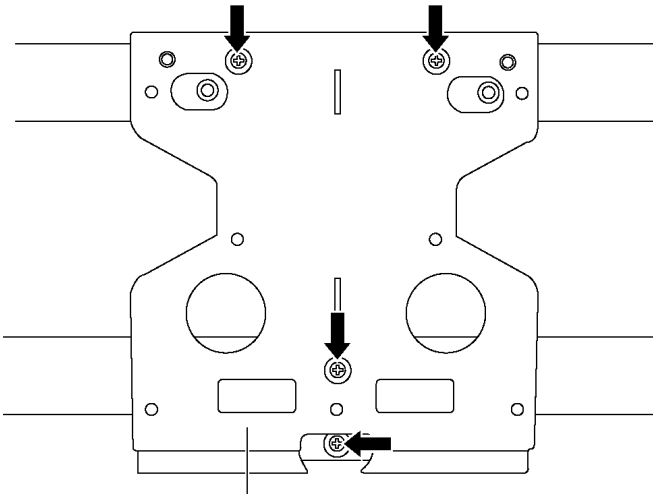
6.30. Remove the Support metal (R)

1. Remove the screw (×4 ➡).
2. Remove the support metal (R).



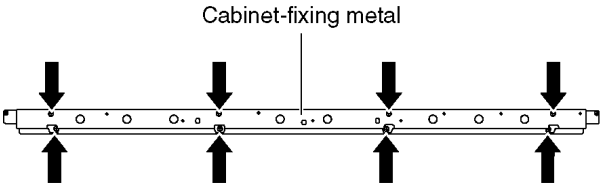
6.31. Remove the Cabinet-fixing metal (A) (Lower)

1. Remove the support metal (L,R). (See section 6.29 and 6.30.)
2. Remove the screws (×4 ➡ each).
3. Remove the Cabinet-fixing metal (A).



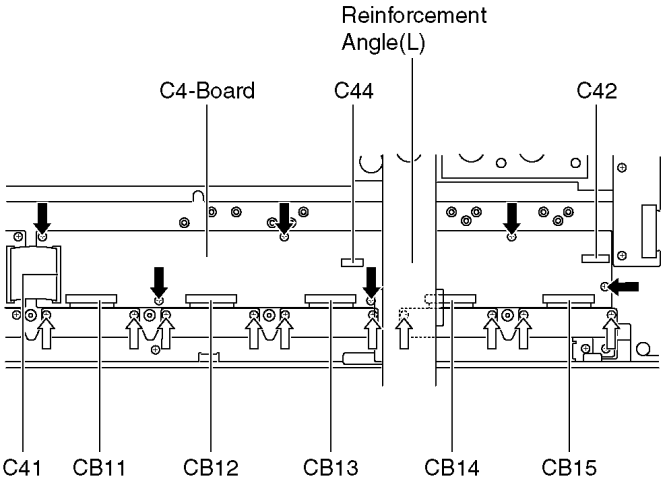
6.32. Remove the Cabinet-fixing metal (B)(Lower)

1. Remove the Front shield metal and the Tuner support metal.(See section 6.27 and 6.28.)
2. Remove the screws (×8 ➡).
3. Remove the Cabinet-fixing metal (B).



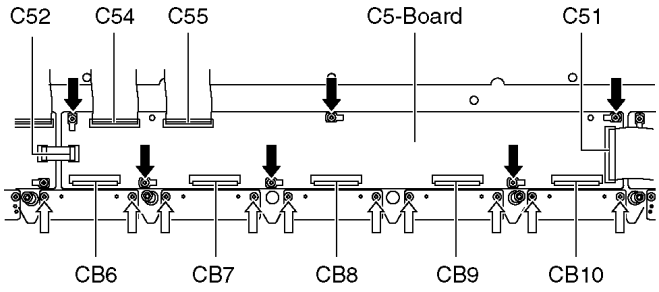
6.33. Remove the C4-Board

1. Remove the Speaker box assy (L). (See section 6.12.)
2. Remove the Cabinet-fixing metal (A) and (B). (See section 6.31. and 6.32.)
3. Remove the Reinforcement Angle (L). (See section 6.19.)
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.



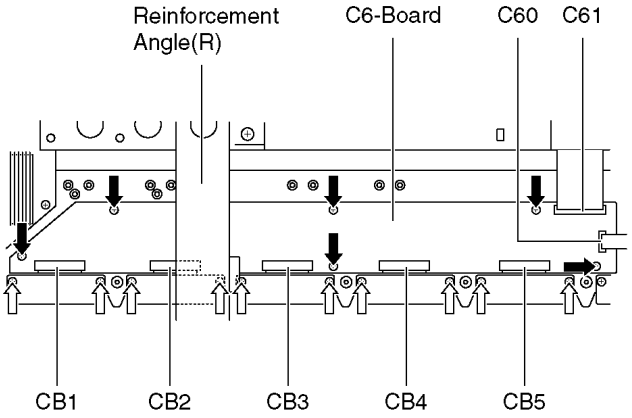
6.34. Remove the C5-Board

1. Remove the Tuner unit. (See section 6.5.)
2. Remove the Cabinet-fixing metal (B). (See section 6.33.)
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.



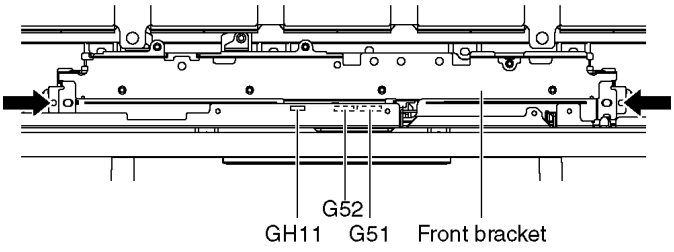
6.35. Remove the C6-Board

1. Remove the Speaker box assy (R). (See section 6.12.)
2. Remove the Cabinet-fixing metal (A) and (B). (See section 6.31. and 6.32.)
3. Remove the Reinforcement Angle (R). (See section 6.19.)
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.



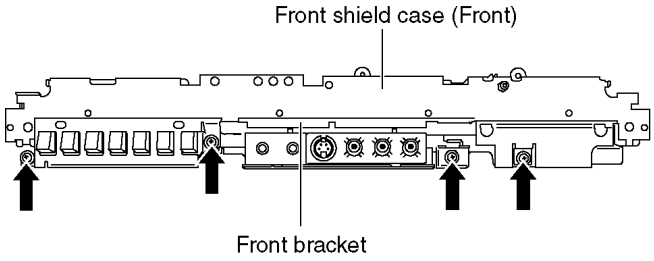
6.36. Remove the Front bracket

1. Unlock the cable clampers to free the cable.
2. Remove the Front shield metal.(See section 6.27.)
3. Disconnect the connector (G51 and G52).
4. Disconnect the flexible cable (GH11).
5. Remove the screws (×2 ➡) and remove the Front bracket.

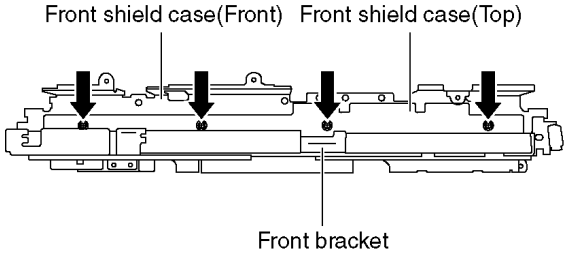


6.37. Remove the G-Board

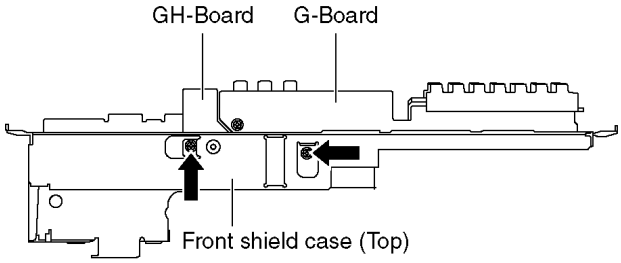
1. Remove the Front bracket. (See section 6.36.)
2. Remove the screws (×4 ➡).



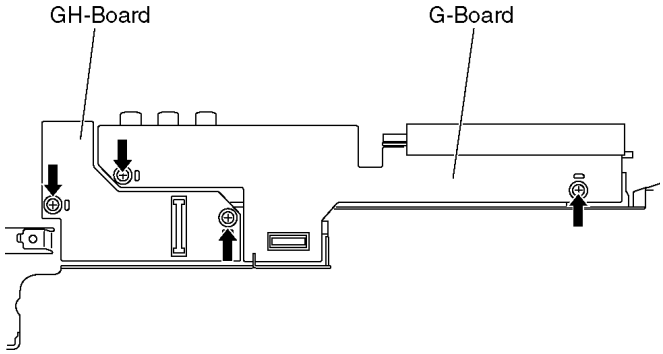
3. Remove the screws (×4 ➡).
4. Remove the Front shield case (Front).



5. Remove the screws (×2 ➡).
6. Remove the Front shield case (Top).

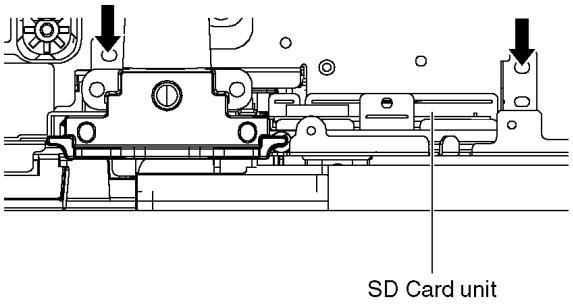


7. Remove the screws (×4 ➡).
8. Remove the G-Board and GH-Board.

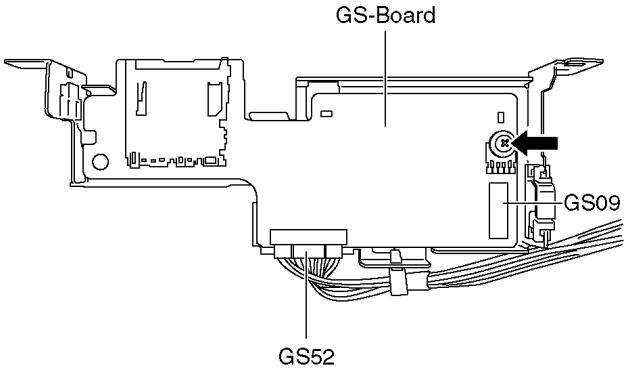


6.38. Remove the GS-Board

1. Remove the Speaker box assy (R).(See section 6.12.)
2. Unlock the cable clampers to free the cable.
3. Remove the screws (×2 ➡).
4. Remove the SD card unit.

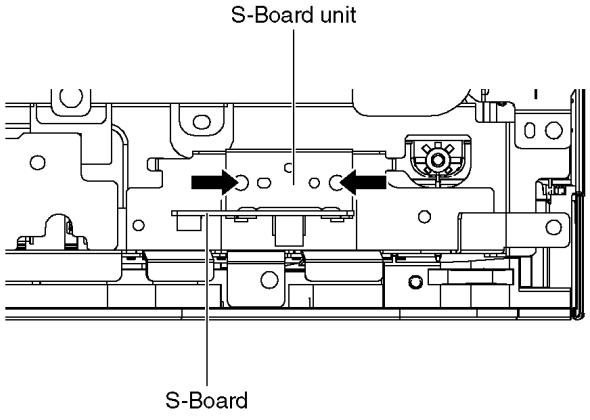


5. Disconnect the connector (GS09 and GS52).
6. Remove the screw (×1 ➡).
7. Remove the GS-Board.

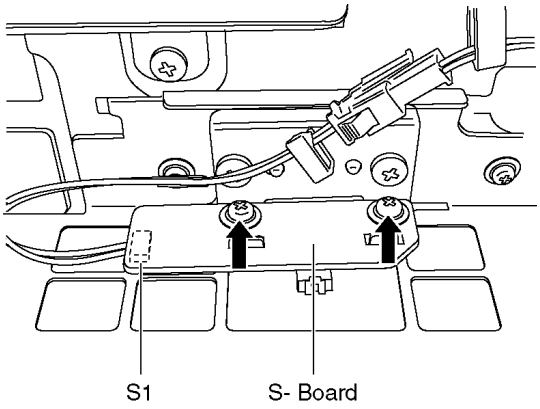


6.39. Remove the S-Board

1. Remove the screws (×2 ➡) and remove the S-Board unit.

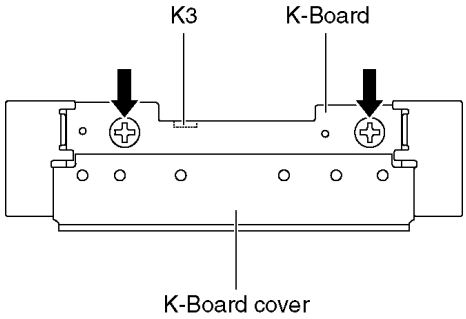


2. Disconnect the connector (S1).
3. Remove the screws (×2 ➡) and remove the S-Board.



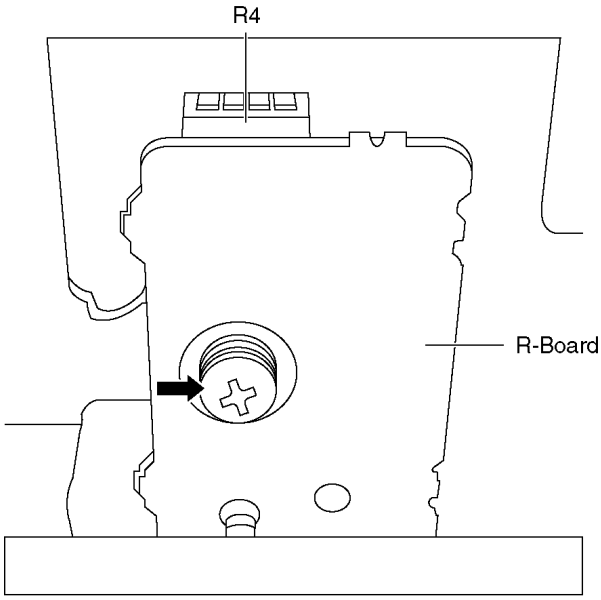
6.40. Remove the K-Board

1. Unlock the cable clampers to free the cable.
2. Remove the screws (×2 ➡).
3. Disconnect the connector (K3) and remove the K-Board cover.
4. Remove the K-Board.



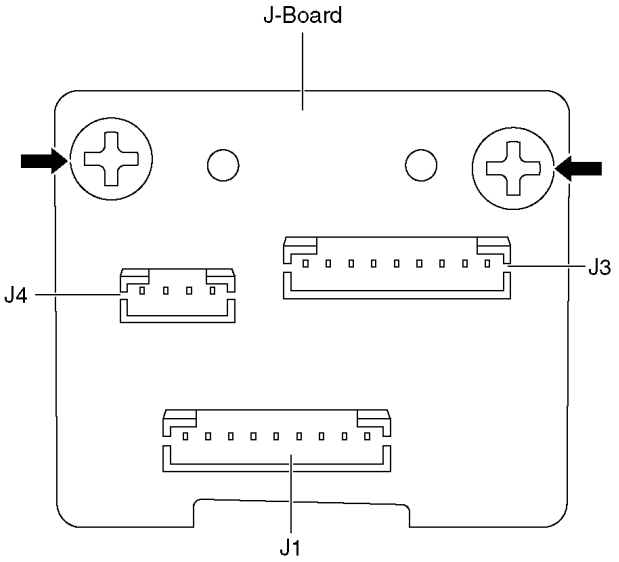
6.41. Remove the R-Board

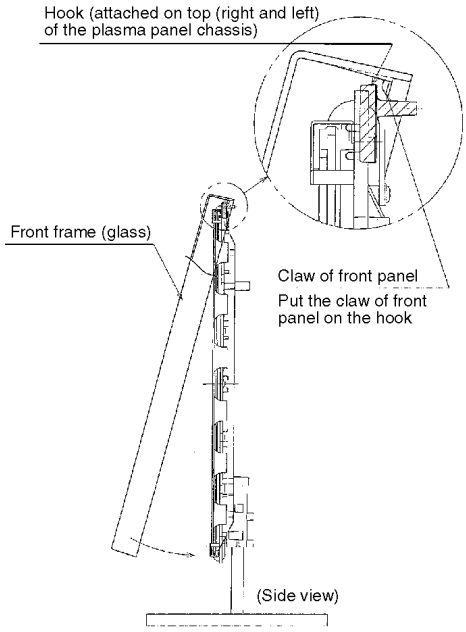
1. Unlock the cable clampers to free the cable.
2. Remove the Speaker box assy (L).(See section 6.12.)
3. Remove the screw (×1 ➡).
4. Disconnect the coupler (R4) and remove the R-Board.



6.42. Remove the J-Board

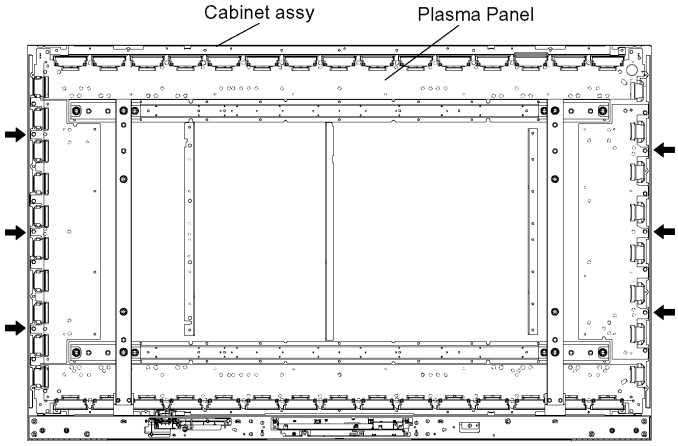
1. Remove the Speaker box assy (L).(See section 6.12.)
2. Remove the screw (×2 ➡).
3. Disconnect the connectors(J1,J3, and J4) and remove the J-Board.





6.43. Remove the Plasma panel section from the Cabinet assy (glass)

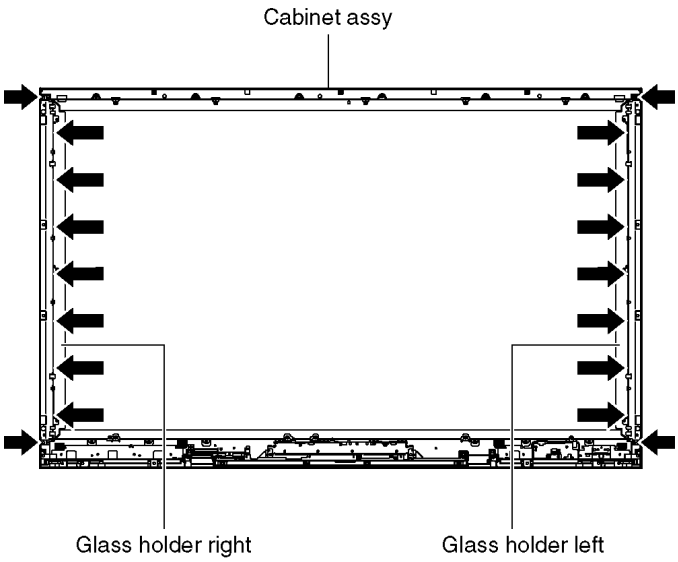
1. Remove the Cabinet-fixing metal (A) and (B). (See section 6.22,6.23.,6.31. and 6.32.)
2. Remove the Cabinet assy and the plasma panel fastening screws (×6 ➡).



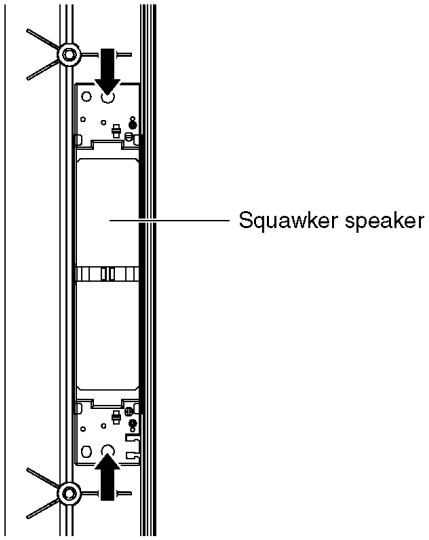
3. For leaving the plasma panel from the front frame, pull the bottom of the front frame forward, lift, and remove.

6.44. Remove the squawker speaker

1. Remove the cabinet assy. (See section 6.44.)
2. Disconnect the relay connectors.
3. Remove the screws (×18 ➡).
4. Remove the glass holders (left, right).



5. Remove the screws (×2 ➡).
6. Remove the squawker speaker.



6.45. 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. Attach the cabinet assy and each P.C.Board and so on, to the new plasma panel.

   *** When fitting the cabinet assy, be careful not to allow any debris, dust or handling residue to remain between the front glass and plasma panel.**

7 Caution statement

7.1. Caution statement.

Caution:

Please confirm that all flexible cables are assembled correctly.

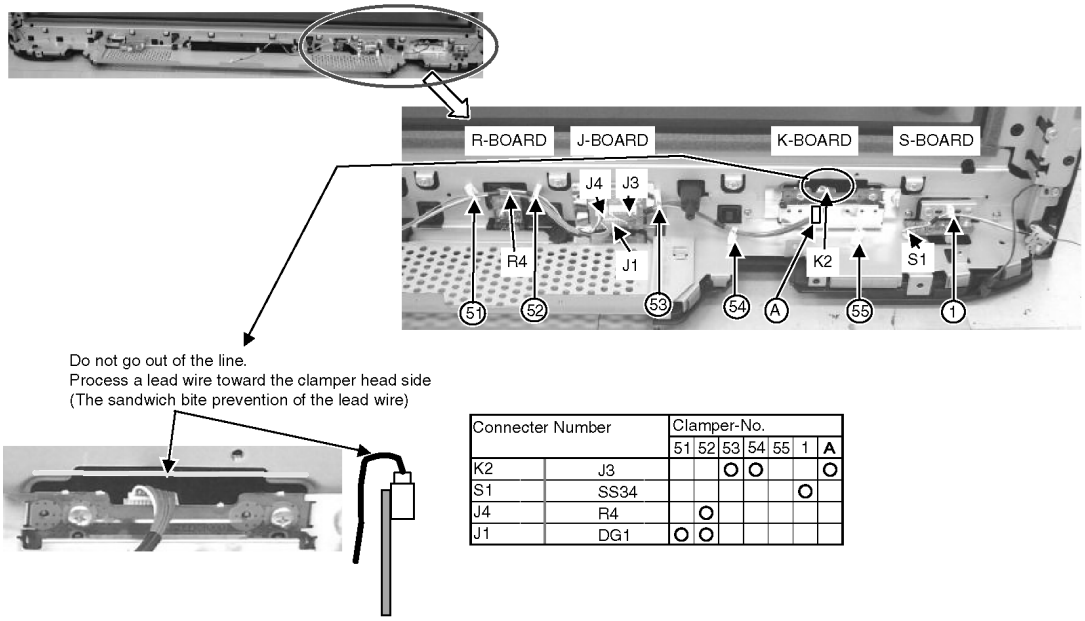
Also make sure that they are locked in the connectors.

Verify by giving the flexible cables a very slight pull.

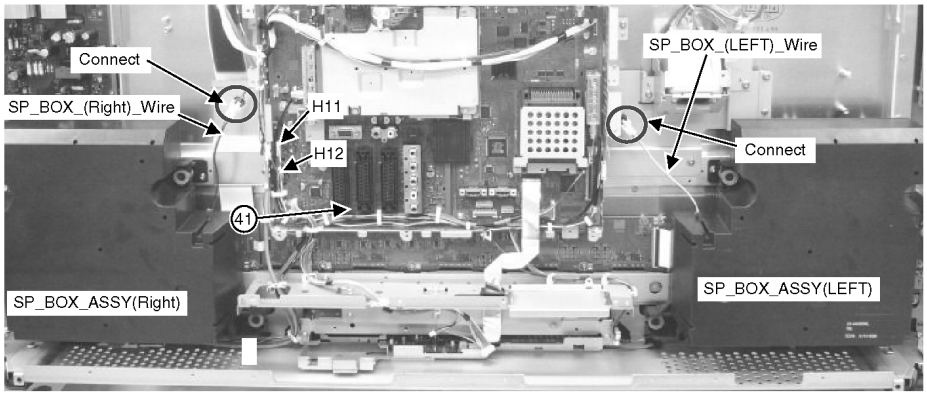
8 Location of Lead Wiring

8.1. Lead of Wiring (1)

The lead wiring is dressed as shown in figure.



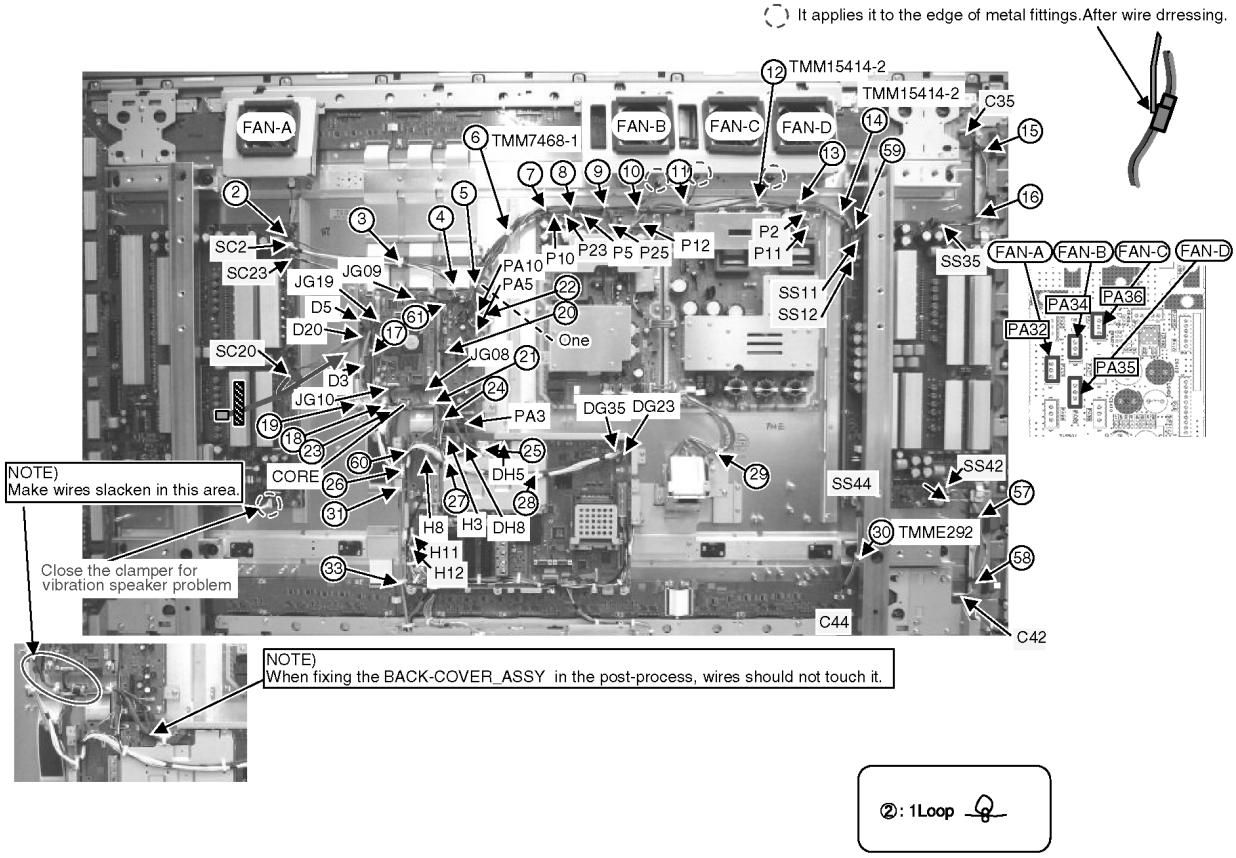
Connecter Number		Clamper-No.						
		51	52	53	54	55	1	A
K2	J3			O	O			O
S1	SS34						O	
J4	R4		O					
J1	DG1	O	O					



Connecter Number		Clamper No.
SP_BOX_ASSY(LEFT)	H11	
	SP_BOX_(LEFT)_Wire	
SP_BOX_ASSY(Right)	H12	
	SP_BOX_(Right)_Wire	

8.2. Lead of Wiring (2)

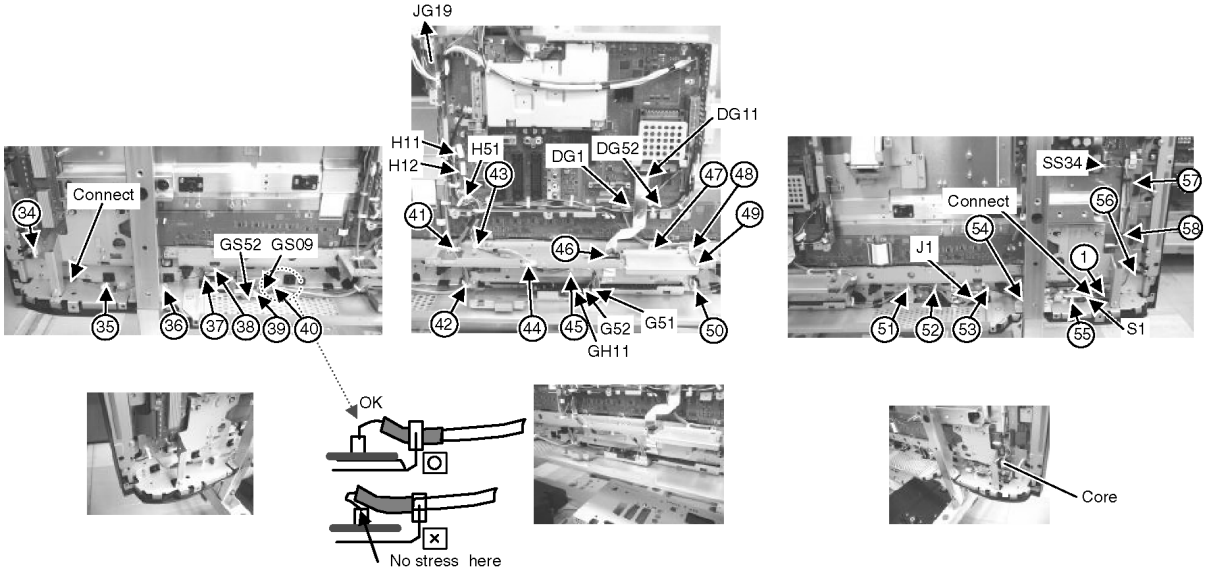
The lead wiring is dressed as shown in figure.



Connecter Number		Clamper-No.																																
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	33	57	58	59	60	61
D3	DG35																		○							○	○	○								○	
D5	DH5																○	○			○				○												
P5	PA5				○	○	○	○																													
H8	JG10																						○			○										○	
DH8	JG8																				○																
GS9	JG19																		○														○	○			
H3	PA3																							○													
JG09	DG23																			○				○			○	○									○
P10	PA10				○	○	○																														
SC2	P2		○	○	○	○	○	○	○	○	○	○	○																							
SC23	P23		○	○	○	○	○																														
C35	SS35														○	○																					
C42	SS42																																○	○			
C44	SS44																													○							
SS11	P11													○	○																				○		
SS12	P12									○	○	○	○	○	○																						
D25	P25				②	○	○	○	○													○															
D20	SC20																																				
FAN-A	PA32	○	○	○																																	
FAN-B	PA34				○	○	○	○	○	○																											
FAN-C	PA36				○	○	○	○	○	○	○																											
FAN-D	PA35				○	○	○	○	○	○	○	○																									
AC_Inlet	P9																													○							

8.3. Lead of Wiring (3)

The lead wiring is dressed as shown in figure.



Connecter Number		Clamper-No.																								
		34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	1
Right-SP	H12	O	O	O	O	O		O	O	O																	
Left-SP	H11														O	O	O	O	O	O	O	O	O	O			O
G51	H51										O	O	O														
G52											O	O	O														
GS52	DG52						O	O	O	O																	
J1	DG1														O	O	O	O	O	O							
GS09	JG19							O	O	O																	
GH11	DG11													O													
S1	SS34																								O	O	O

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

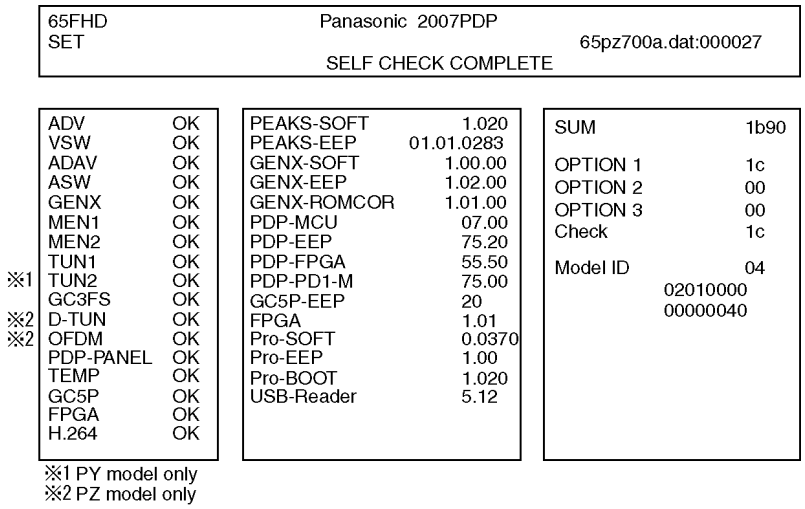
Self-check indication only:

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

Self-check indication and forced to factory shipment setting:

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

9.1.2. Screen display



※1 PY model only
※2 PZ model only

9.1.3. Check Point

Confirm the following parts if NG was displayed.

Display	Ref. No.	Description	P.C.B.
ADV	IC4510	AD/HDMI	DG-Board
VSW	IC3001	Video SW	H-Board
ADAV	IC2106	Sound Processor	H-Board
ASW	IC3101	Audio SW	H-Board
GENX	IC1100	GenX (STB MCU)	DG-Board
MEM1	IC1101	EEPROM (GenX)	DG-Board
MEM2	IC8601	EEPROM (Peaks)	DG-Board
TUN1	TU3200	Tuner (Main)	H-Board
TUN2	TU3201	Tuner (Sub)	H-Board
GC3FS	IC4001	Global core (Sub)	DG-Board
D-TUN	TU8301	Tuner (Digital)	DG-Board
OFDM	IC8301	Digital demodulator	DG-Board
PDP-PANEL	IC9003	MICOM	D-Board
TEMP	IC4800	Temp Sensor	DG-Board
GC5P	IC5100	Global core	DH-Board
FPGA	IC5105	FPGA	DH-Board
H.264	IC1501	H.264	JG-Board

9.1.4. Exit

Disconnect the AC cord from wall outlet.

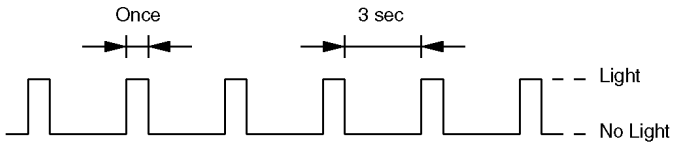
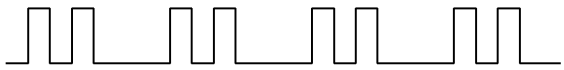
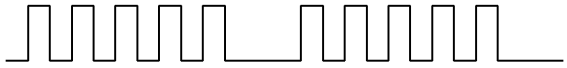
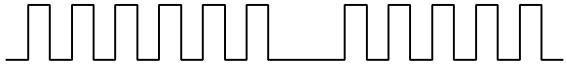
9.2. Power LED Blinking timing chart

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 blinks of the Power LED on the front panel of the unit.

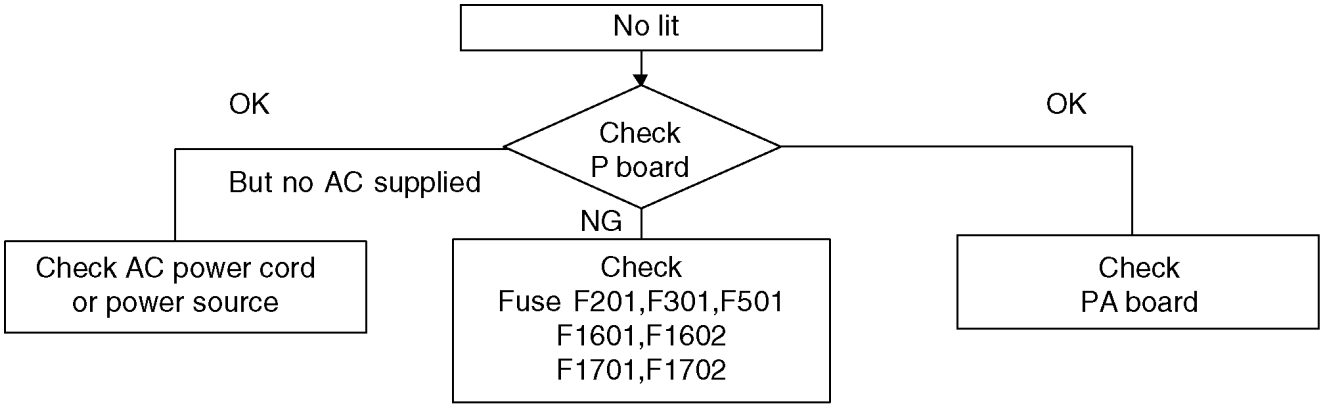
Blinking Times	Blinking timing	Contents	Check point
1		No particular check point	-
		Panel Status	-
		STB 5V SENSE Time out	DG-Board
2		15V SOS	D-Board
3		3.3V SOS	D-Board
4		Power SOS	P-Board
5		5V SOS	D-Board
6		Driver SOS1 (SC Energy recovery circuit)	SU-Board SD-Board SC-Board
7		Driver SOS2 (SC floating voltage area)	SU-Board SD-Board SC-Board
8		Driver SOS3 (SS Energy recovery circuit)	SS-Board
9		Panel Config SOS	-
10 (0a)		Sub 5V SOS Main 3.3V SOS DTV 9V SOS Tuner Power SOS	DG-Board
11 (0b)		Fan SOS	PA-Board FAN
12 (0c)		Sound SOS	H-Board
13 (0d)		Communication Error with IC8001 (Pesks Lite 2)	DG-Board

9.3. No Power

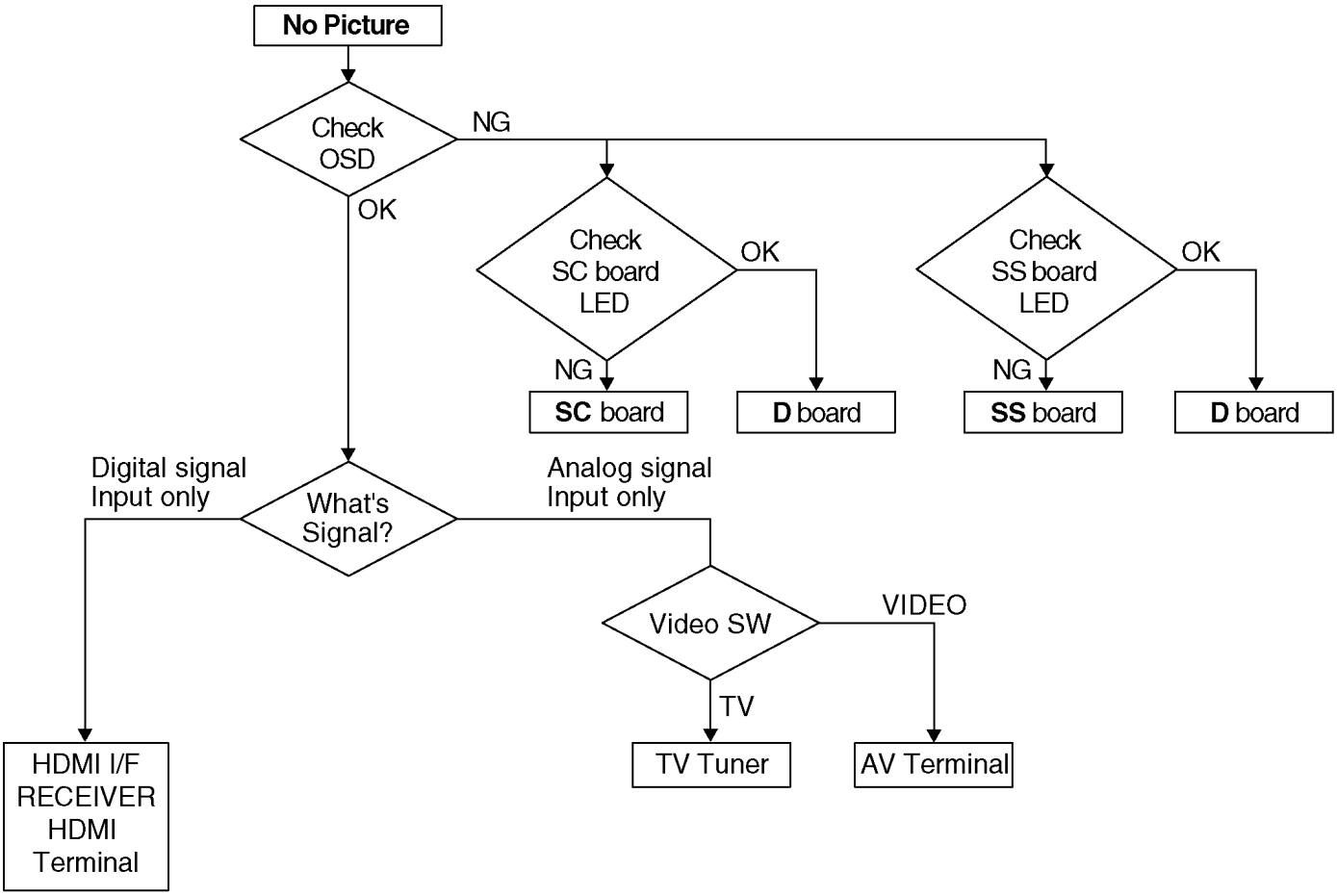
First check point

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

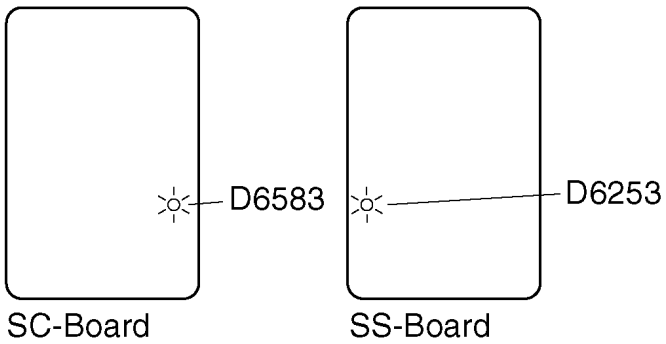
1. No lit
2. Red is lit then turns red blinking a few seconds later. (See 9.2.)



9.4. No Picture

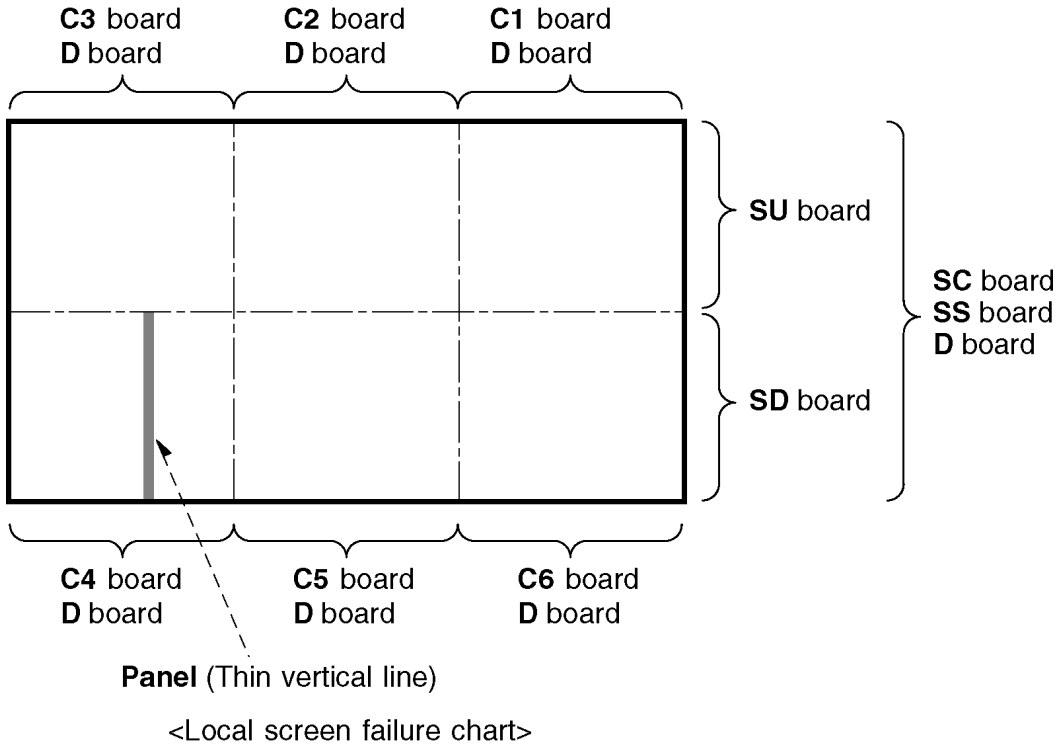


Drive circuits LED indicator



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.



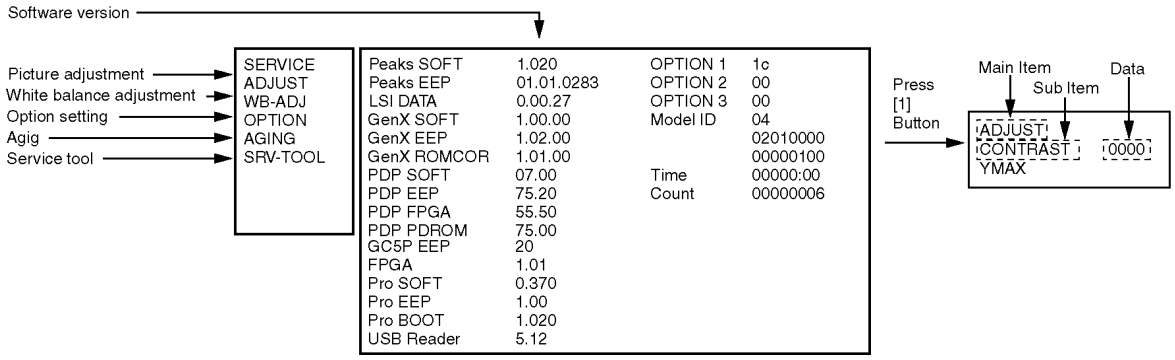
<Local screen failure chart>

Fig-1

10 Service Mode

10.1. How to enter into Service Mode

While pressing [VOLUME (-)] button of the main unit, press [INFO] (PZ model) / [RECALL] (PY model) button of the remote control three times within 3 seconds.



10.1.1. Key command

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

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

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

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

“RED” button...All Sub items Selection in reverse direction

“GREEN” button...All Sub items Selection in forward direction

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

10.1.2. Contents of adjustment mode

・Value is shown as a hexadecimal number.

・Preset value differs depending on models.

・After entering the adjustment mode, take note of the value in each item before starting adjustment.

Main item	Sub item	Sample data	Remark
ADJUST	CONTRAST	2BA	
	COLOR	2B	
	TINT	00	
	Video-Gain2	199	
	SUB-BRT	810	
	H-POS	0	
	H-AMP	0	
	V-POS	0	
	V-AMP	0	
WB-ADJ	R-CUT	80	
	G-CUT	80	
	B-CUT	80	
	R-DRV	FC	
	G-DRV	F2	
	B-DRV	E8	
	ALL-CUT	80	
	ALL-DRV	FC	
OPTION	Panel-Type	65FHD	
	Boot	ROM	
	STBY-SET	00	
	Emergency	ON	
	Y/C Delay	0	
	OPT 1	00011100	
	OPT 2	00000000	
	OPT 3	00000000	
AGING	RGBW		
	All white (COUNTER)		
	All white		
	All red		
	All green		
	All blue		
	ON/OFF		
	Diagonal lamp W		
	Diagonal lamp R		
	Diagonal lamp G		
	Diagonal lamp B		
	1% WINDOW		
	COLOR BAR		
	A B zone/checkerd 4 trio		
	SCROLL BAR		
	2dot		
SRV-TOOL			see next

Destinations	A	AZ	H	M	MR
	Australia	New Zea land	ASIA	M.East	IRAN
OPTION1	18	38	38	38	38
OPTION2	22	E2	E2	E2	E2
OPTION3	00	6F	6F	6F	6F

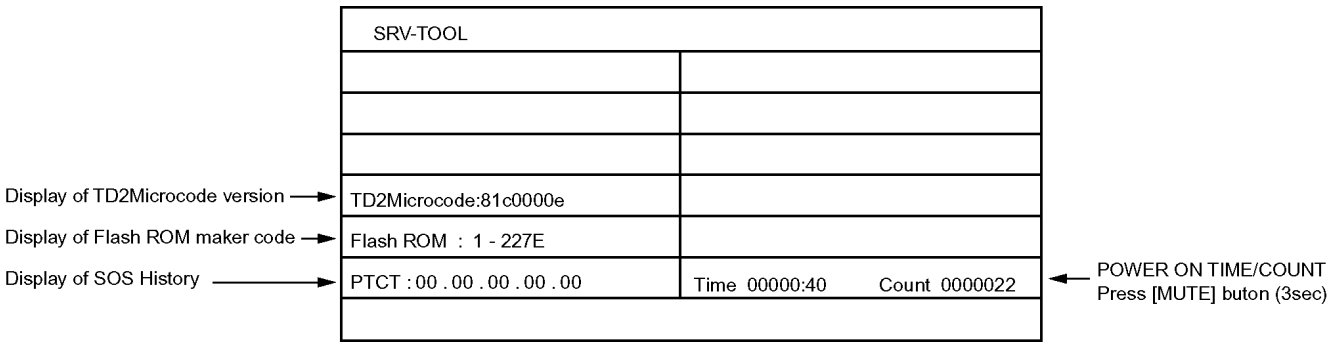
10.1.3. How to exit

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

10.2. Service tool mode

10.2.1. How to access

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



10.2.2. Display of SOS History

SOS History (Number of LED blinking) indication.

From left side; Last SOS, before Last, three occurrence before, 2nd occurrence after shipment, 1st occurrence after shipment.

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

10.2.3. POWER ON TIME/COUNT

Time : Cumulative power on time, indicated hour : minute by decimal

Count : Number of ON times by decimal

Note : This indication will not cleared by self-check or any command.

10.2.4. Exit

1. Disconnect the AC code from wall outlet.

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

   PNR: OFF

   Aspect: 16:9

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

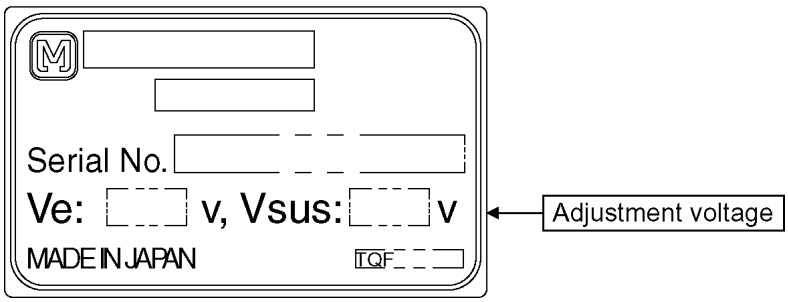
Adjust driver section voltages referring the panel data on the panel data label.

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.

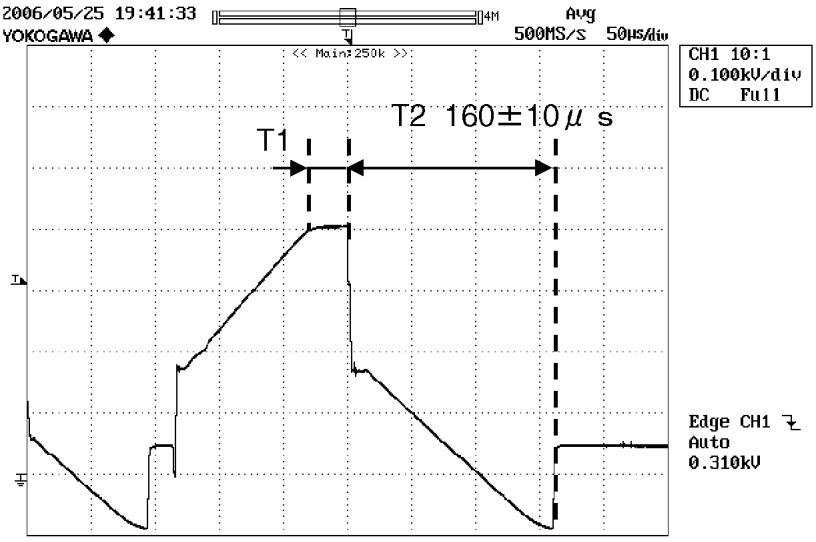
Panel Label information



11.2. Initialization Pulse Adjust

1. Input the White signal to plasma video input.
2. Set the picture controls as follows.
   Picture menu : Dynamic
   PNR : OFF
   Aspect : 16:9
3. Connect Oscilloscope to TPSC1 (SC).
   Check that the flat section(T1) is less than 40µs.
   Check and adjust that the stand down pulse(T2) period are each within specification.

	Test point	Volume	Level
T2	TPSC1 (SC)	VR6602 (SC)	160 ± 10µ Sec



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.

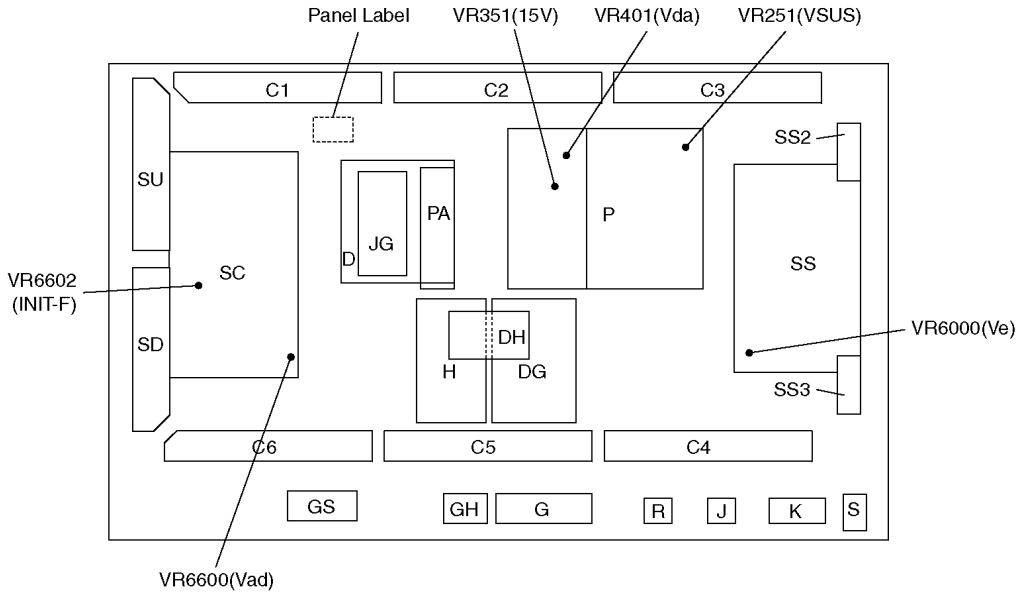
P.C.B.	Name	Test Point	Voltage	Volume	Remarks
P Board	Vsus	TPVSUS (SS)	Vsus ± 2V	VR251 (P)	*
SC Board	Vad	TPVAD (SC)	-90V ± 1V	VR6600 (SC)	
SS Board	Ve	TPVE (SS)	Ve ± 1V	VR6000 (SS)	*
D, DG Board	White balance and Sub brightness for NTSC, PAL, HD, PC and 625i signals				

*See the Panel label.

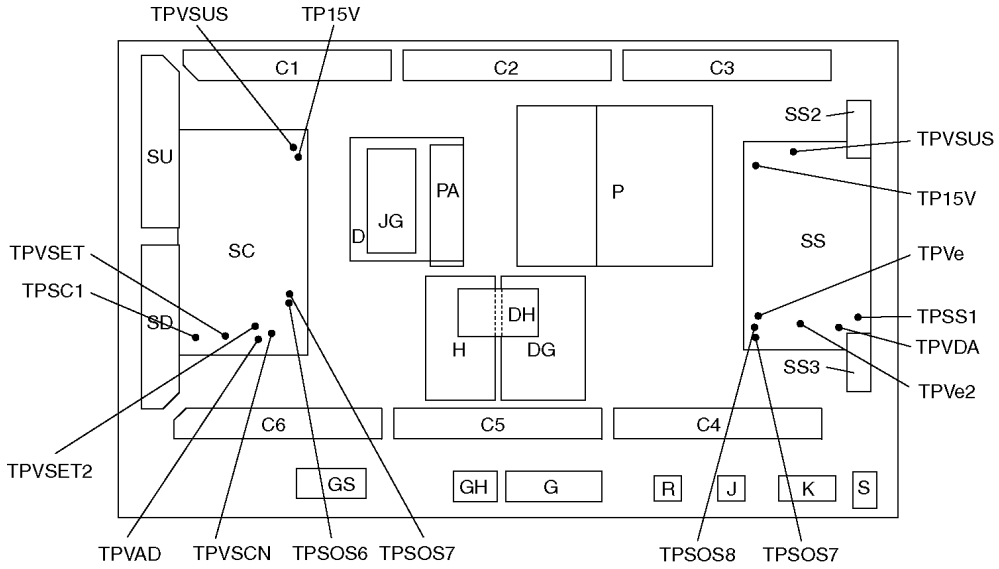
Caution:

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

11.4. Adjustment Volume Location

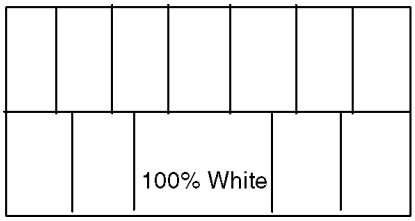
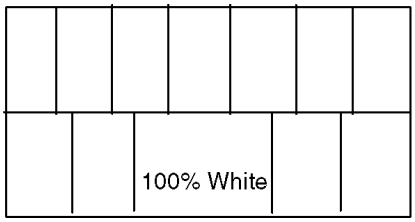
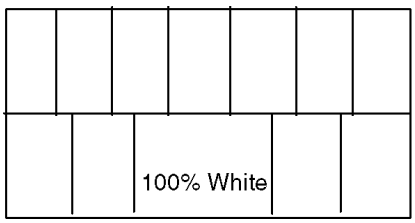


11.5. Test Point Location



12 Adjustment

12.1. 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. 3. Push “1” or “2” key, and goes into service mode for “Sub-Contrast”.		
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 black. 4. End.		
Preparation (RF)		Remarks
1. Receive RF (PAL 100% Full White or Split Colour bar shown as below.)  2. Goes into service mode. 3. Push “1” or “2” key, and goes into service mode for “Sub-Contrast”.		
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 black. 4. End.		
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. 3. Push “1” or “2” key, and goes into service mode for “Sub-Contrast”.		
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 black. 4. End.		

12.2. 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

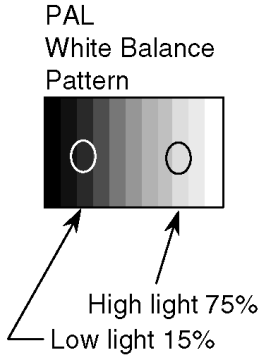
Procedure	Remarks
・Asing time is longer than 15min. ・Make sure the front panel to be used on the final set is fitted. ・Make sure a color signal is not being shown before adjustment. ・Put the color analyzer where there is little colour variation. Complete the adjustment within 10 minutes after the turn 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. Enter the Service mode. 3. A number key “1” and “2” are operated and “WB-ADJ” is displayed. Check that the color balance is “HIGH”. 4. Select “G-CUTOFF” item, using the number-key “3” or “4”, and set to “80”, using the volume-key “+” or “-”. Also, “B-CUTOFF” and “R-CUTOFF” set to “80”. 5. Set “G-DRIVE” at “D0”. 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 TEMP HIGH” in the below table. 7. All RGB drive increase so that the maximum drive value of RGB may become “FC”. (“ALL-DRIVE” set to “FC”.) 8. Set color balance to NORMAL using “7” key. 9. Fix G cutoff , B cutoff and R cutoff at “80”. 10. Fix G drive at “D0”. 11. Adjust B drive and R drive so the highlight window’s x, y become the “COLOR TEMP NORMAL” in the below table. 12. All RGB drive increase so that the maximum drive value of RGB may become “FC”. (“ALL-DRIVE” set to “FC”.) 13. Set color balance to “LOW” using “7” key. 14. Fix G cutoff, B cutoff and R cutoff to “80”. 15. Fix G drive to “D0”. 16. Adjust B drive and R drive so the highlight window’s x, y become the “COLOR TEMP LOW” shown in the below table. 17. All RGB drive increase so that the maximum drive value of RGB may become “FC”. (“ALL-DRIVE” set to “FC”.)	Picture menu : Dynamic ASPECT : 16:9 ・Highlight section Signal amplitude 75% 

Table 1. Color temp target value

COLOR TEMP	x	y
HIGH	0.276	0.276
NORMAL	0.288	0.296
LOW	0.313	0.329

12.3. 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

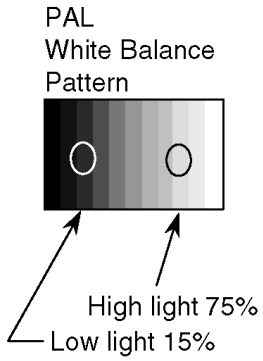
Procedure	Remarks
・Asing time is longer than 15min. ・Make sure the front panel to be used on the final set is fitted. ・Make sure a color signal is not being shown before adjustment. ・Put the color analyzer where there is little colour variation. Complete the adjustment within 10 minutes after the turn 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. Enter the service mode. 3. A number key “1” and “2” are operated and “WB-ADJ” is displayed. Check that the color balance is “HIGH”. 4. Select “G-CUTOFF” item, using the number-key “3” or “4”, and set to “80”, using the volume-key “+” or “-”. Also, “B-CUTOFF” and “R-CUTOFF” set to “80”. 5. Set “G-DRIVE” at “D0”. 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. All RGB drive increase so that the maximum drive value of RGB may become “FC”. (“ALL-DRIVE” set to “FC”.) 8. Set color balance to NORMAL using “7” key. 9. Fix G cutoff , B cutoff and R cutoff at “80”. 10. Fix G drive at “D0”. 11. Adjust B drive and R drive so the highlight window’s x, y become the “Color balance “Normal” in the below table. 12. All RGB drive increase so that the maximum drive value of RGB may become “FC”. (“ALL-DRIVE” set to “FC”.) 13. Set color balance to “LOW”. 14. Fix G cutoff, B cutoff and R cutoff to “80”. 15. Fix G drive to “D0”. 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. All RGB drive increase so that the maximum drive value of RGB may become “FC”. (“ALL-DRIVE” set to “FC”.)	Picture menu: Dynamic ASPECT:16:9 ・Highlight section Signal amplitude 75%  * The Color balance COOL differs from Japanese model values.

Table 1. Color temp target value

COLOR TEMP	x	y
HIGH	0.276	0.276
NORMAL	0.288	0.296
LOW	0.313	0.329

13 Hotel mode

1. Purpose

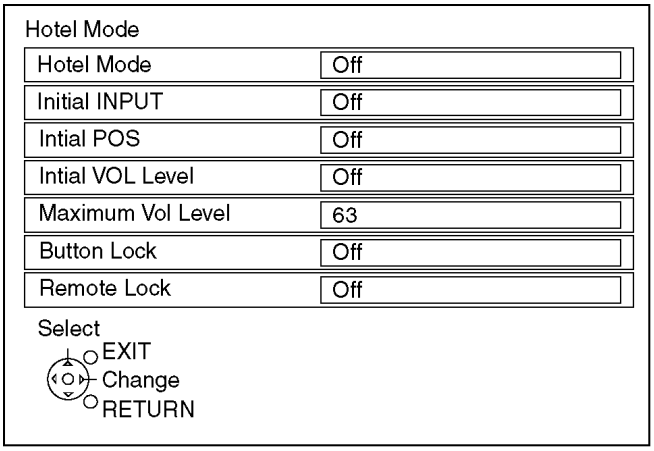
   Restrict a function for hotels.

2. Access command to the Hotel mode setup menu

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

   [TV] : Vol. “Down” + [REMOTE] : AV (3 times)

   Then, the Hotel mode setup menu is displayed.



3. To exit the Hotel mode setup menu

   Disconnect AC power code from wall outlet.

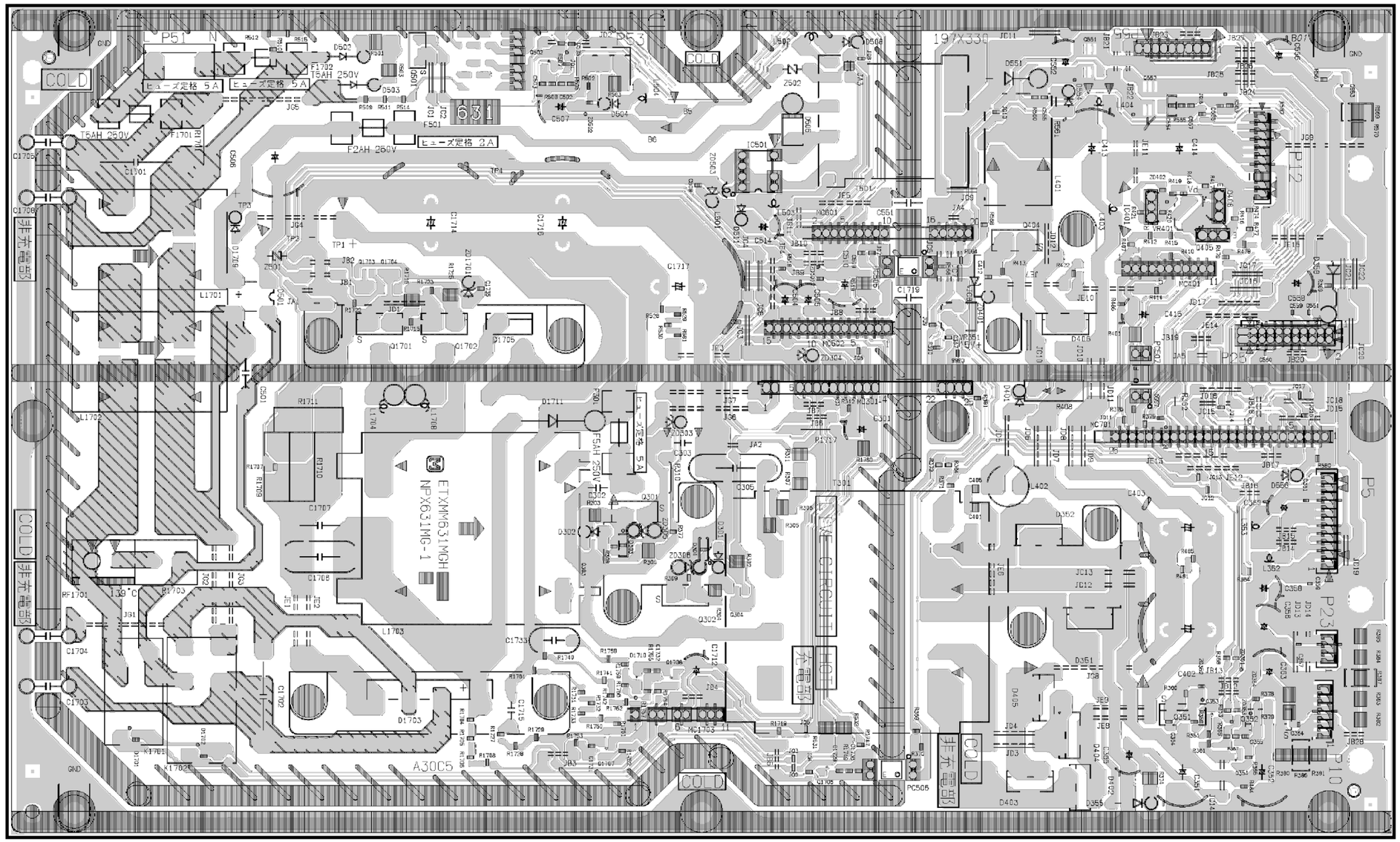
4. Explain the Hotel mode setup menu

item	Function
Hotel Mode	Select hotel mode ON/OFF
Initial INPUT	Select input signal modes. Set the input, when each time power is switched on. Selection : Off/Analogue/DVB/AV1/AV2/AV2S/AV3/AV3S/AV4/AV4S/COMPONENT/PC/HDMI1/HDMI2/HDMI3 ・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 POS	Select programme number. Selection : Off/0 to 99 ・Off: give priority to a last memory
Initial VOL level	Adjust the volume when each time power is switched on. Selection/Range : Off/0 to 63 ・Off: give priority to a last memory
Maximum VOL level	Adjust maximum volume. Range : 0 to 63
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

14 Conductor Views

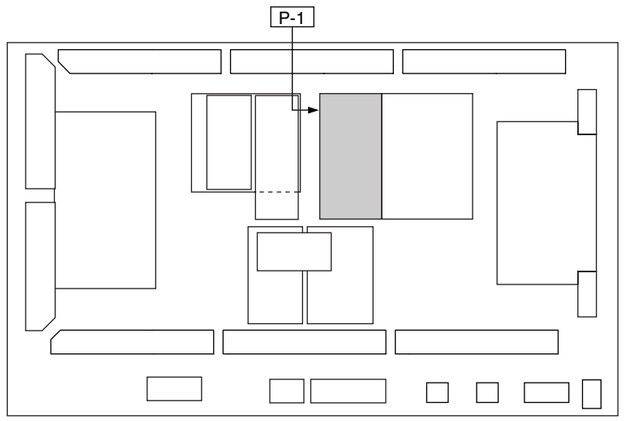
14.1. P(1)-Board

P(P-1)-BOARD (FOIL SIDE)
ETXMM631MGH



TH-65PY700AZ/H/M/MR, PZ700A
P-BOARD ETXMM631MGH

TH-65PY700AZ/H/M/MR, PZ700A
P-BOARD ETXMM631MGH



Parts Location

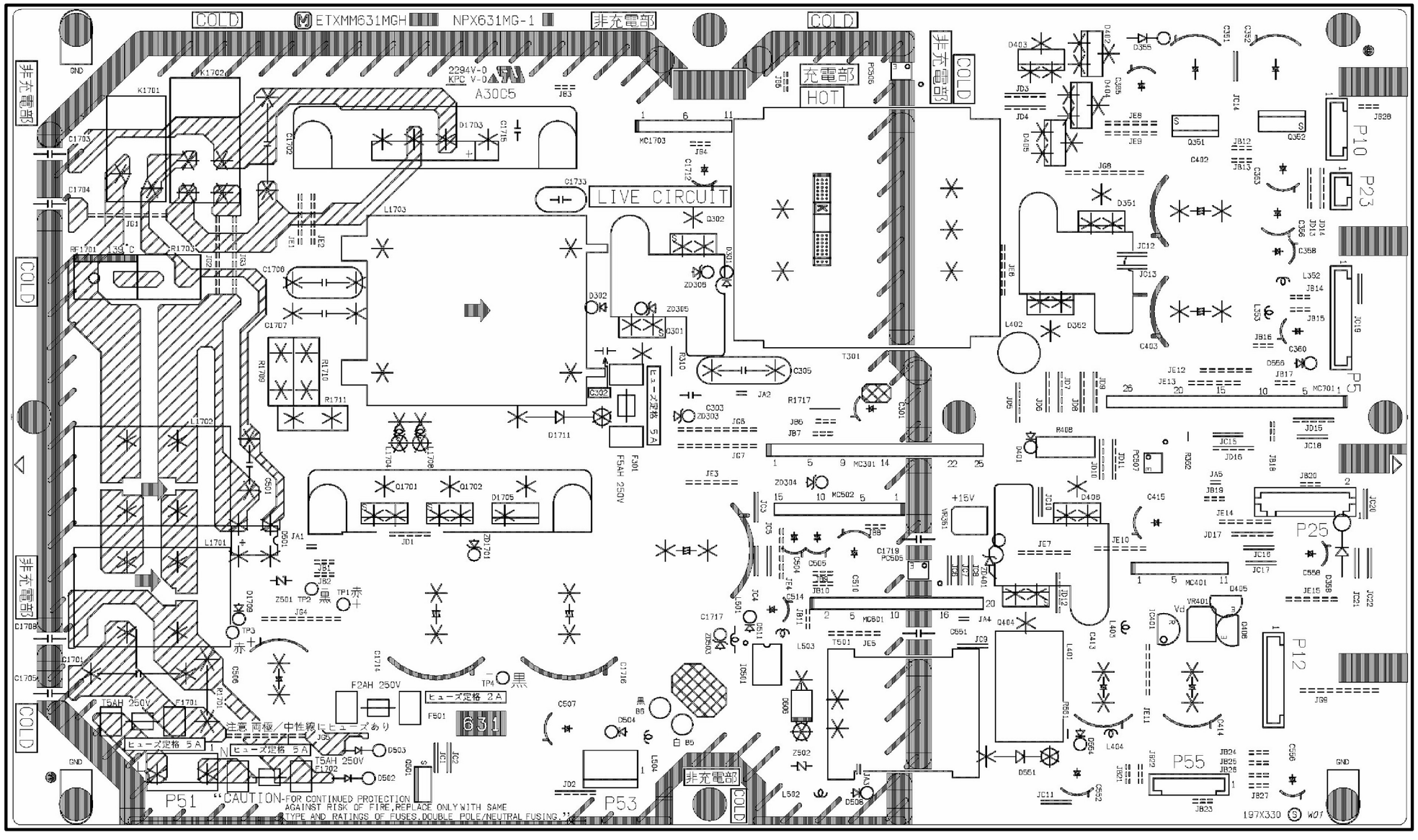
P(P-1)-BOARD (FOIL SIDE)			
IC		**TRANSISTOR**	
IC401	G-4	Q301	E-3
IC501	E-5	Q302	E-2
MODULE		Q303	D-2
MC301	F-3	Q304	E-2
MC401	H-4	Q351	H-1
MC502	F-4	Q352	H-1
MC601	F-4	Q353	H-1
MC701	H-3	Q354	H-1
MC1703	E-2	Q404	G-4
PHOTO COUPLER		Q405	H-4
PC505	F-4	Q406	H-4
PC506	F-1	Q501	C-5
PC507	G-4	Q502	D-5
VOLUME		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

Parts Location

P(P-1)-BOARD (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-65PY700AZ/H/M/MR, PZ700A
P-BOARD PARTS LOCATION

P(P-1)-BOARD (COMPONENT SIDE)
ETXMM631MGH

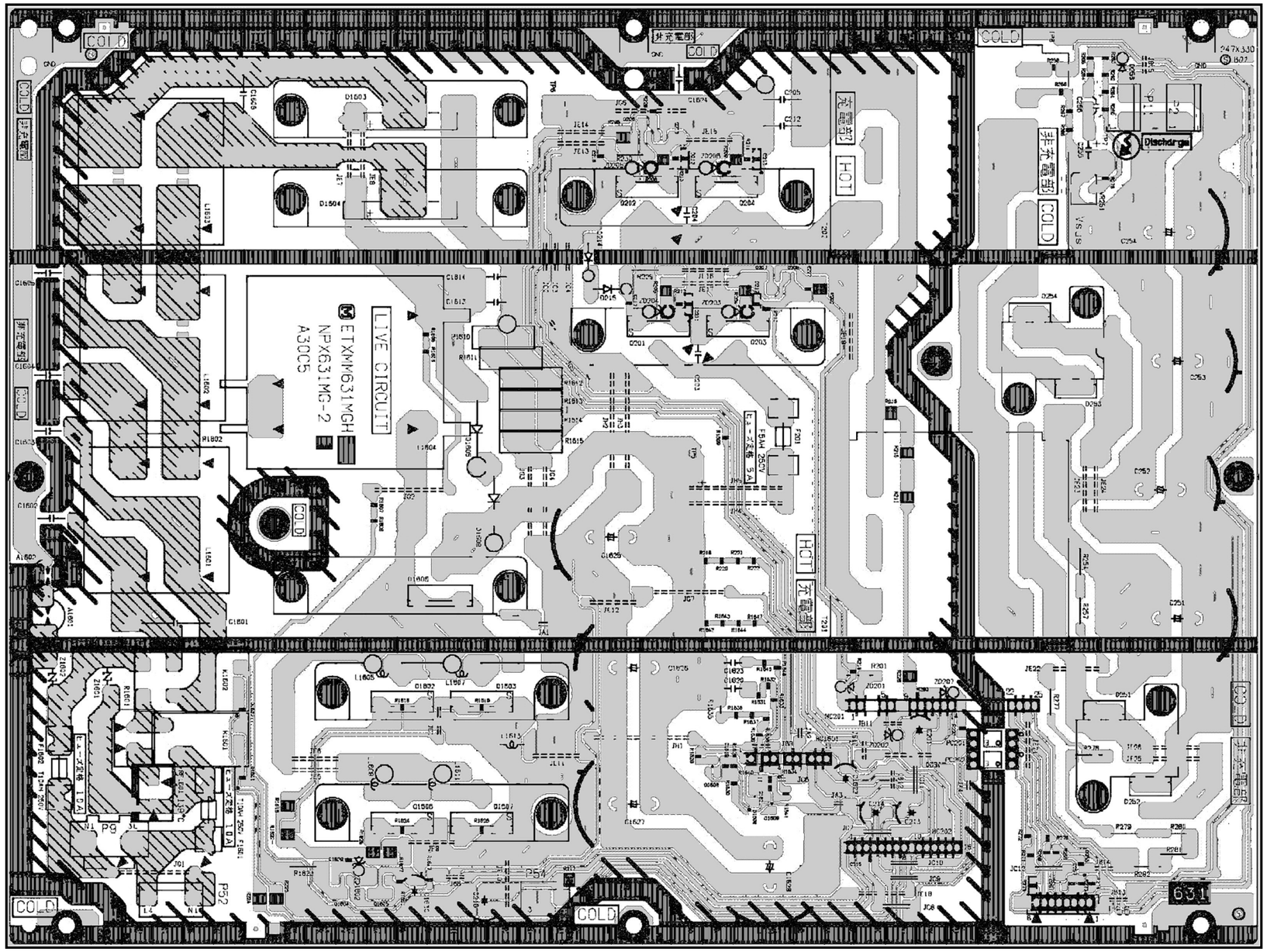


TH-65PY700AZ/H/M/MR, PZ700A
P-BOARD ETXMM631MGH

TH-65PY700AZ/H/M/MR, PZ700A
P-BOARD ETXMM631MGH

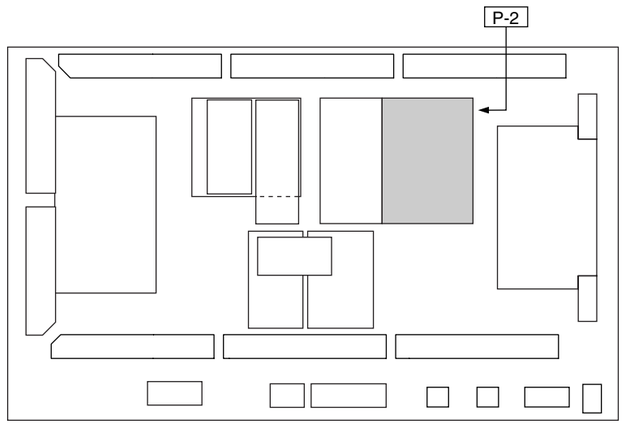
14.2. P(2)-Board

P(P-2)-BOARD (FOIL SIDE)
ETXMM631MGH



TH-65PY700AZ/H/M/MR, PZ700A
P-BOARD ETXMM631MGH

TH-65PY700AZ/H/M/MR, PZ700A
P-BOARD ETXMM631MGH



Parts Location

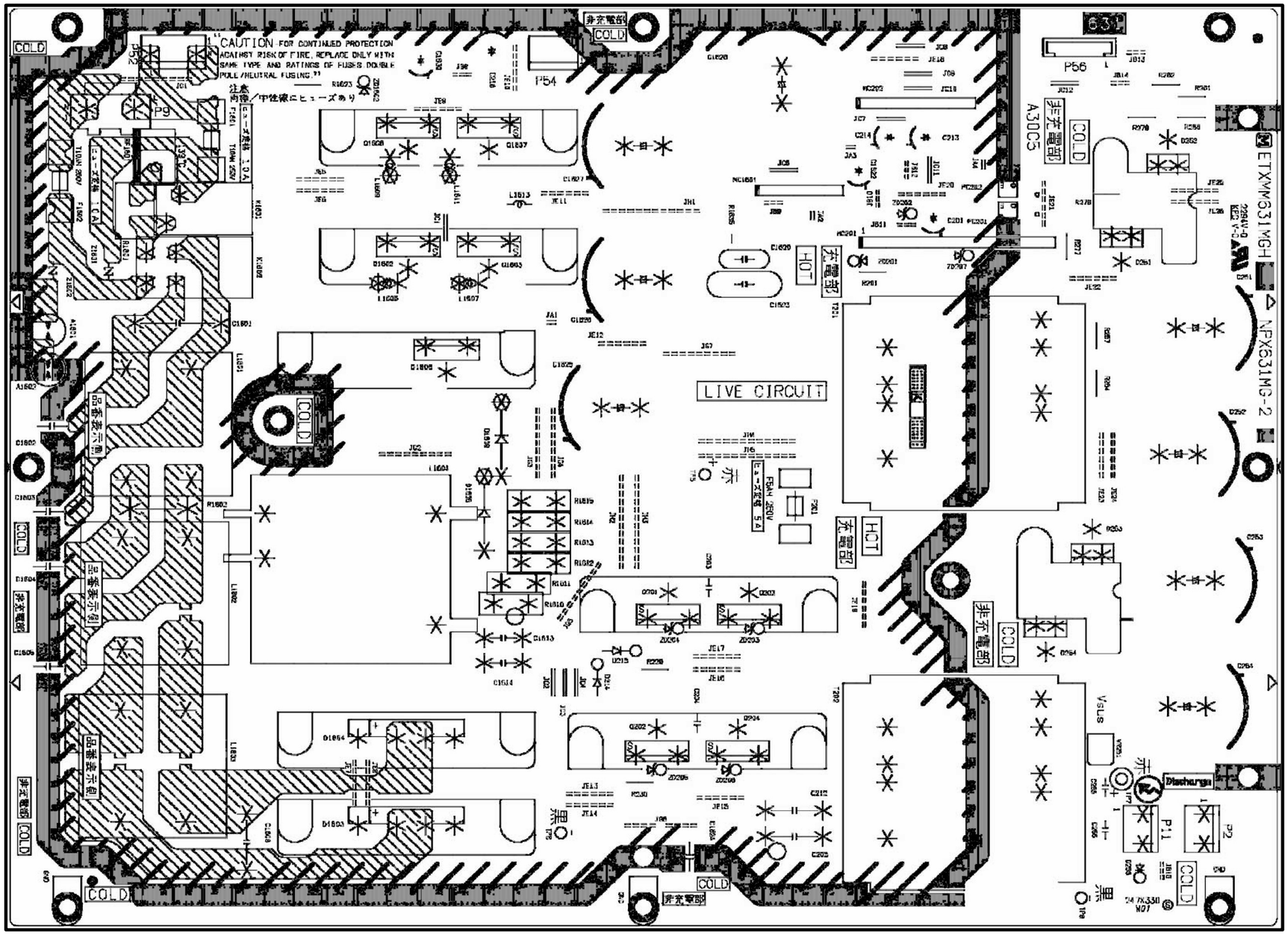
P(P-2)-BOARD (FOIL SIDE)			
MODULE		**TRANSISTOR**	
MC201	F-2	Q201	E-4
MC202	F-1	Q202	E-5
MC1601	F-2	Q203	E-4
PHOTO COUPLER		Q204	E-5
PC201	G-2	Q205	E-5
PC202	G-2	Q206	F-5
VOLUME		Q251	G-1
VR251	G-5	Q1602	D-2
		Q1603	D-2
		Q1604	C-1
		Q1605	C-1
		Q1606	D-2
		Q1607	D-2
		Q1608	E-2
		Q1609	E-2

Parts Location

P(P-2)-BOARD (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-65PY700AZ/H/M/MR, PZ700A
P-BOARD PARTS LOCATION

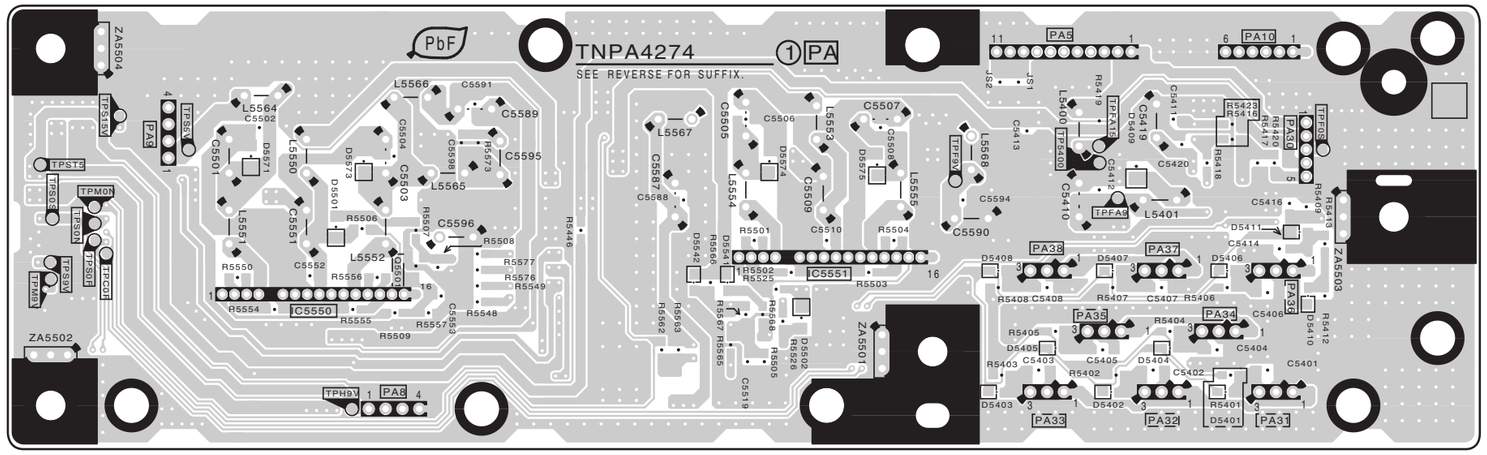
P(P-2)-BOARD (COMPONENT SIDE)
ETXMM631MGH

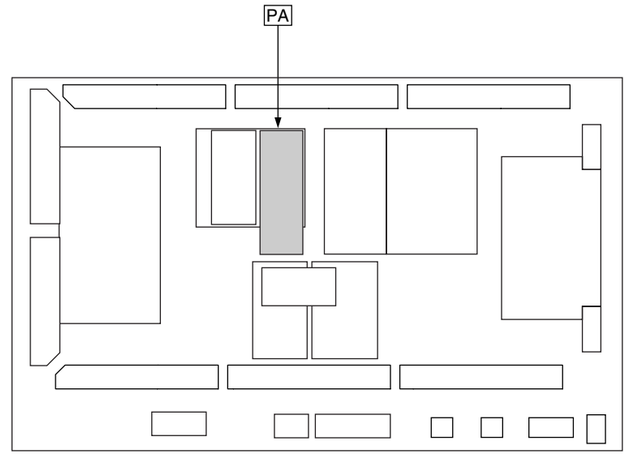


TH-65PY700AZ/H/M/MR, PZ700A
P-BOARD ETXMM631MGH

14.3. PA-Board

PA-BOARD (FOIL SIDE)
TNPA4274AJ

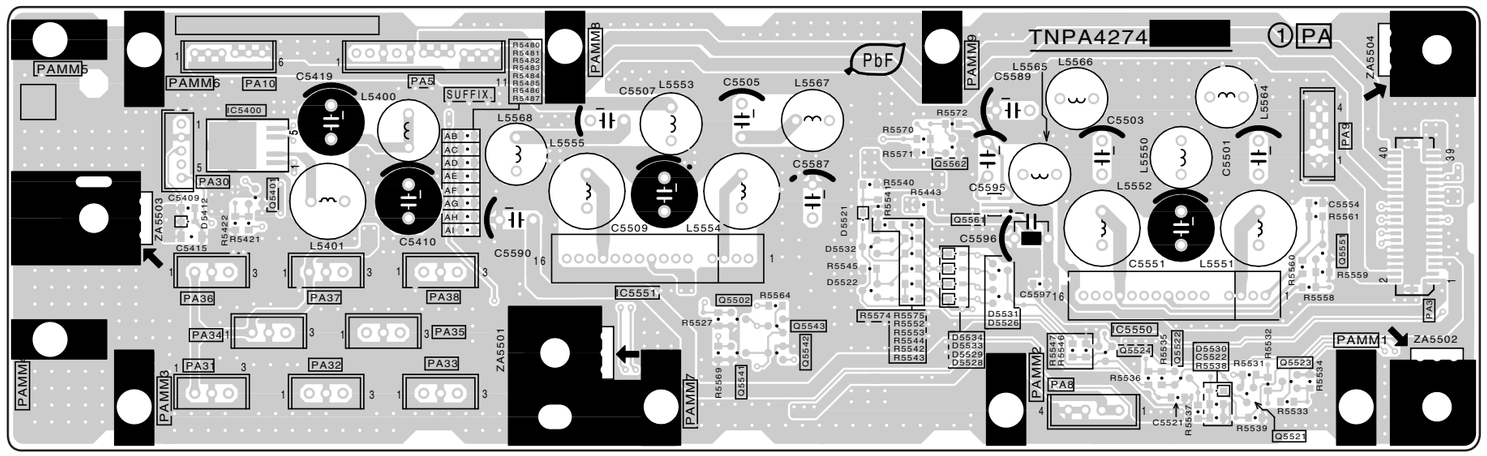




Parts Location

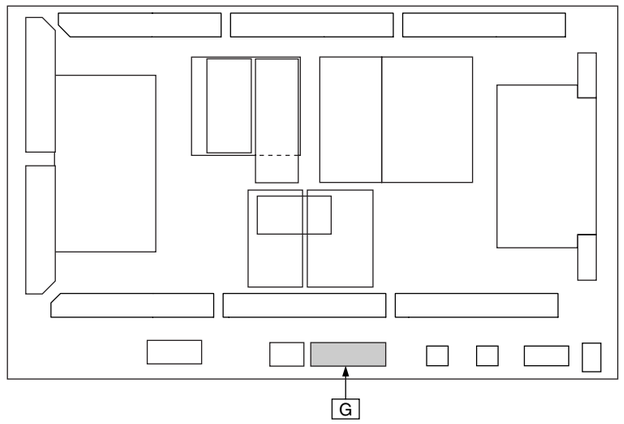
PA-BOARD	
IC	
IC5400	B-2
IC5550	B-4
IC5550	E-2
IC5551	C-2
IC5551	D-4
TRANSISTOR	
Q5401	B-2
Q5501	B-4
Q5502	D-2
Q5521	F-1
Q5522	F-1
Q5523	F-1
Q5524	E-1
Q5541	D-1
Q5542	D-1
Q5543	D-2
Q5551	F-2
Q5561	E-2
Q5562	E-2
TP	
TP5400	E-5
TPCOF	A-4
TPF9V	E-5
TPFA15	E-5
TPFA9	E-5
TPFOS	F-5
TPH9V	B-4
TPM9V	A-4
TPMON	A-5
TPS15V	A-5
TPS5V	A-5
TPS9V	A-4
TPSOF	A-4
TPSON	A-5
TPSOS	A-5
TPST5	A-5

PA-BOARD (COMPONENT SIDE)
TNPA4274AJ

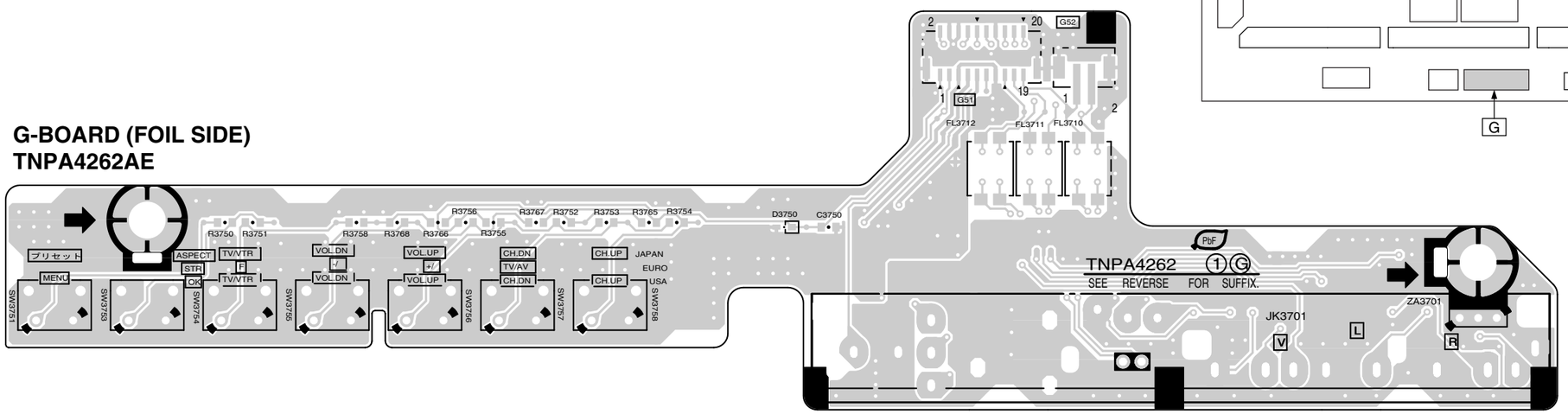


TH-65PY700AZ/H/M/MR, PZ700A
PA-BOARD TNPA4274AJ

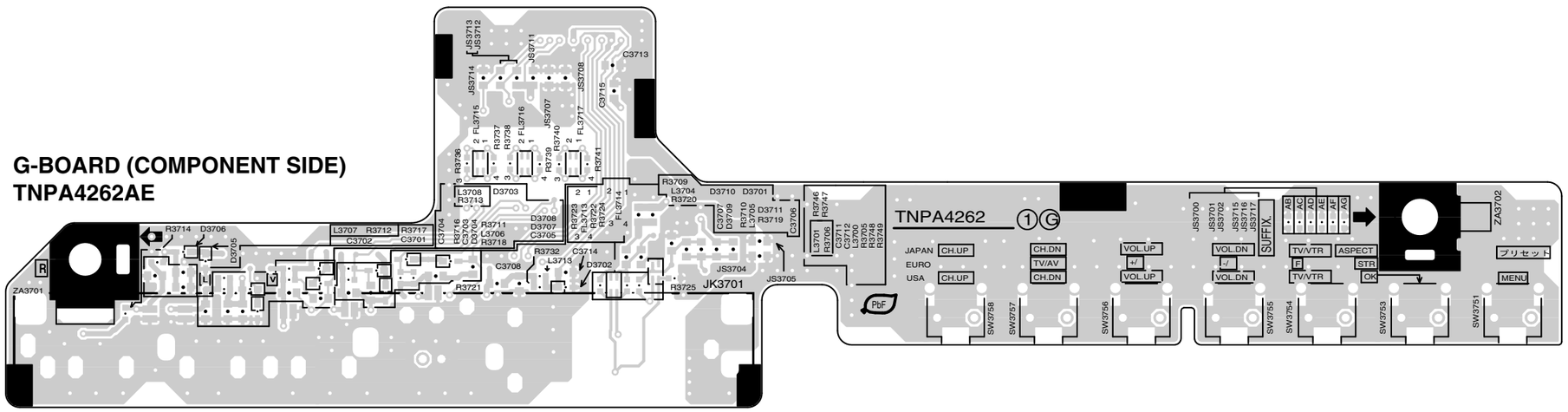
14.4. G-Board



G-BOARD (FOIL SIDE)
TNPA4262AE



G-BOARD (COMPONENT SIDE)
TNPA4262AE

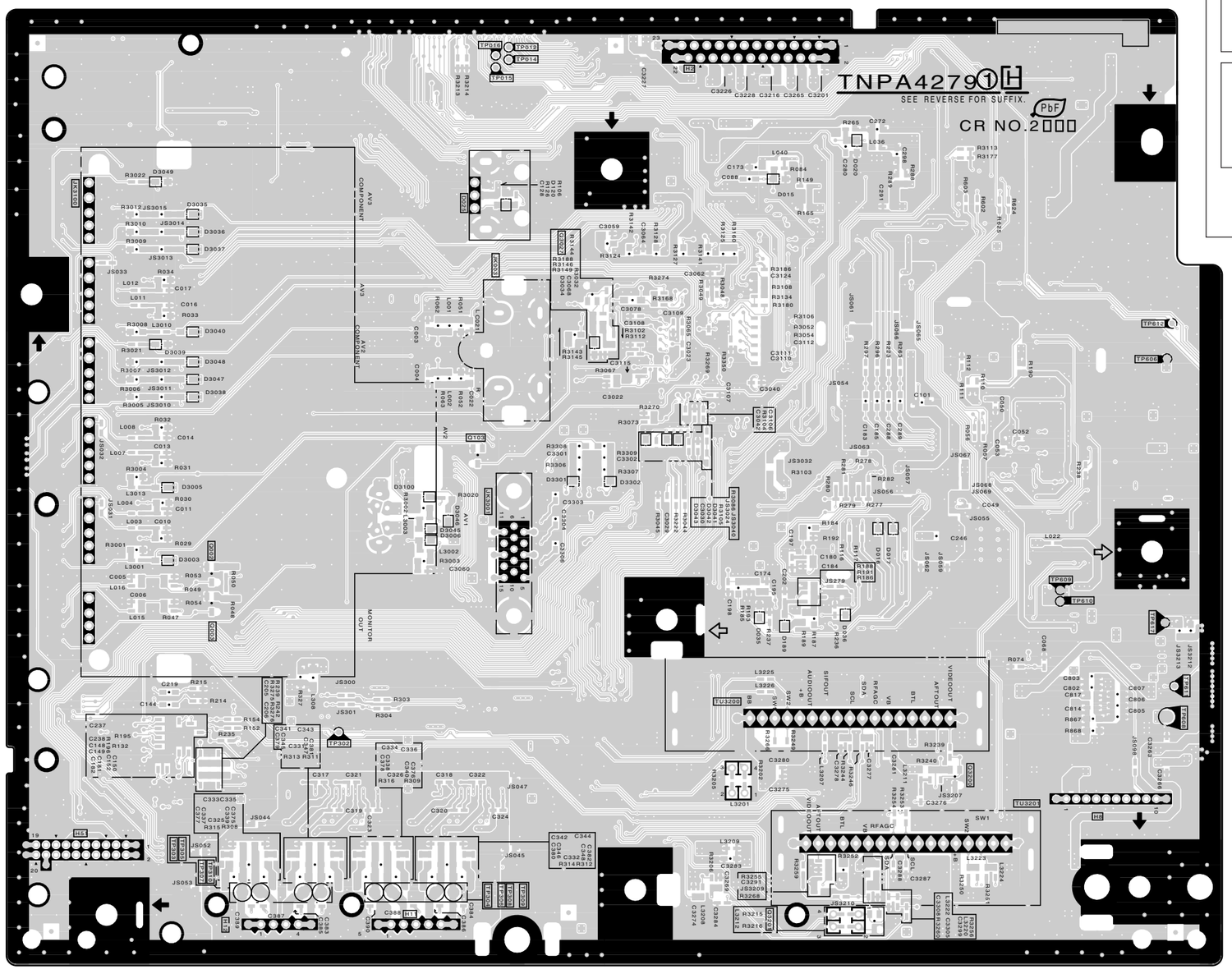


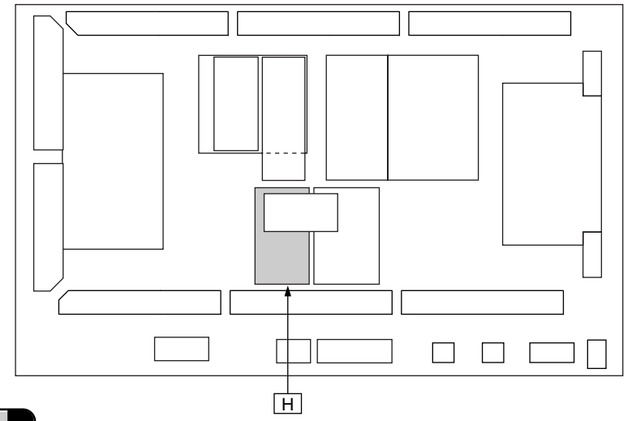
TH-65PY700AZ/H/M/MR, PZ700A
G-BOARD TNPA4262AE

TH-65PY700AZ/H/M/MR, PZ700A
G-BOARD TNPA4262AE

14.5. H-Board

H-BOARD (FOIL SIDE)
TNPA4279AD(700A) TNPA4279AB(700AZ/H/M) TXNPA4279AF(700MR)





Parts Location

H-BOARD (FOIL SIDE)			
TRANSISTOR		**TP**	
Q2002	B-3	TP2012	C-3
Q2003	B-3	TP2014	C-3
Q2103	C-3	TP2015	C-3
Q3027	D-4	TP2016	C-3
Q3200	F-2	TP2302	B-1
Q3201	E-1	TP2302	B-2
		TP2303	B-1
		TP2304	C-1
		TP2305	B-1
		TP2306	C-1
		TP2307	B-1
		TP2308	C-1
		TP2309	C-1
		TP2310	B-1
		TP2606	G-4
		TP2608	G-2
		TP2609	F-3
		TP2610	F-3
		TP2611	G-2
		TP2612	G-4
		TP2617	F-3

TH-65PZ700A
H-BOARD TNPA4279AD

TH-65PY700AZ/H/M
H-BOARD TNPA4279AB

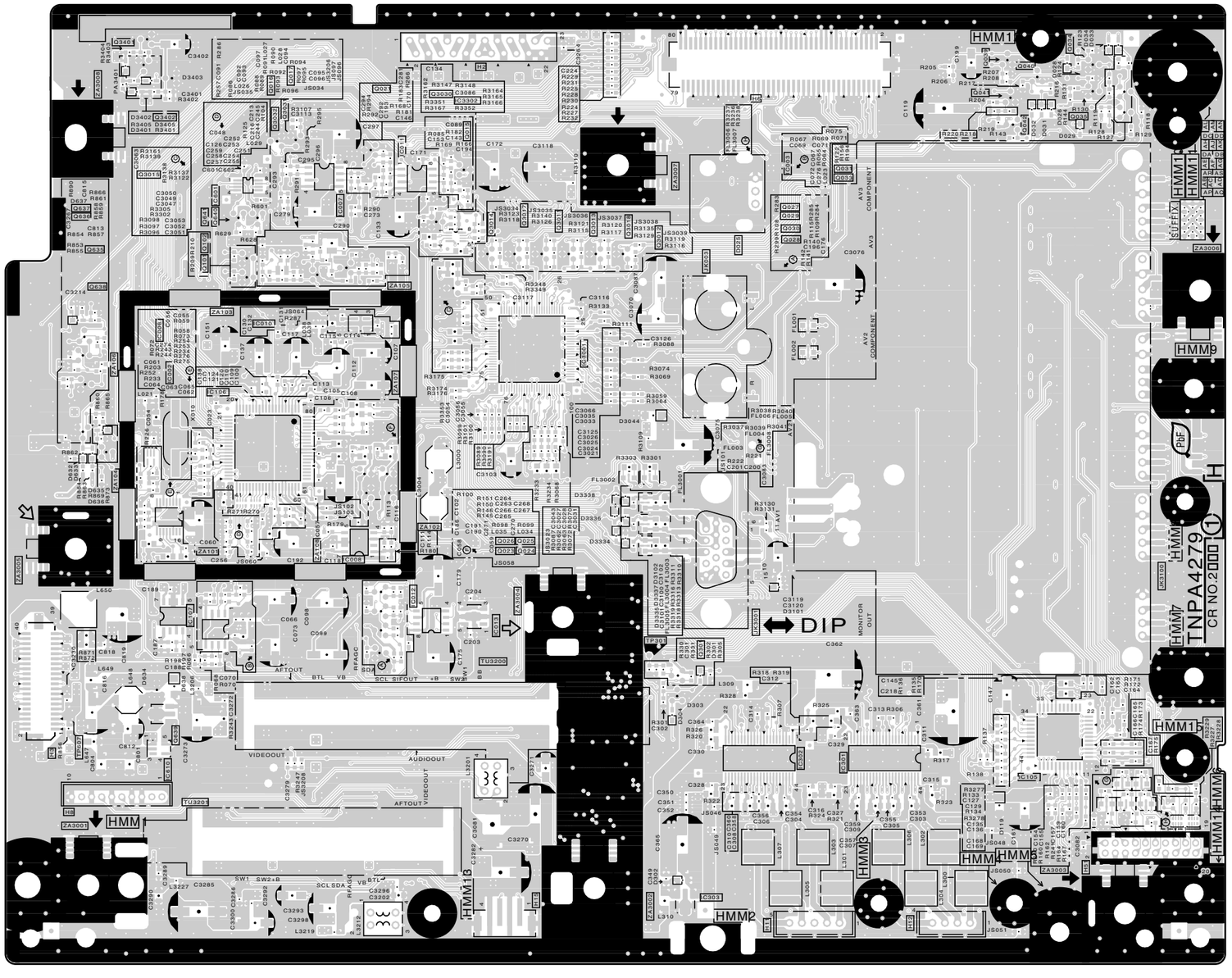
TH-65PY700MR
H-BOARD TNPA4279AF

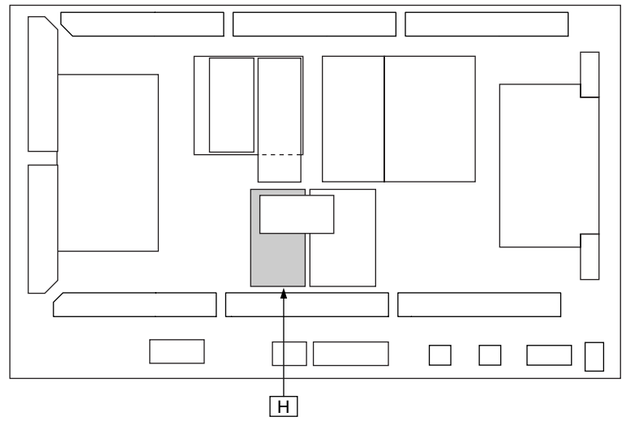
TH-65PZ700A
H-BOARD TNPA4279AD

TH-65PY700AZ/H/M
H-BOARD TNPA4279AB

TH-65PY700MR
H-BOARD TNPA4279AF

H-BOARD (COMPONENT SIDE)
TNPA4279AD(700A) TNPA4279AB(700AZ/H/M) TXNPA4279AF(700MR)





Parts Location

H-BOARD (COMPONENT SIDE)					
IC		**TRANSISTOR**		**TP**	
IC2002	B-4	Q2015	C-5	TP2301	D-2
IC2003	E-5	Q2016	B-5	TP2607	A-2
IC2006	A-4	Q2017	B-5		
IC2007	B-5	Q2021	C-5		
IC2008	B-3	Q2023	C-3		
IC2010	B-4	Q2024	C-3		
IC2011	C-5	Q2025	C-3		
IC2012	C-3	Q2026	C-3		
IC2013	C-3	Q2027	E-5		
IC2105	F-2	Q2028	E-4		
IC2106	B-4	Q2029	E-5		
IC2107	B-3	Q2030	E-5		
IC2301	E-2	Q2031	E-5		
IC2302	E-2	Q2033	E-5		
IC2303	D-1	Q2034	F-5		
IC2601	B-5	Q2035	F-5		
IC2610	B-2	Q2039	F-5		
IC3001	D-4	Q2040	F-5		
IC3302	C-5	Q2041	F-5		
		Q2042	F-5		
		Q2101	B-4		
		Q2102	B-4		
		Q2301	D-2		
		Q2635	A-4		
		Q2636	A-5		
		Q2637	A-5		
		Q2638	A-4		
		Q2639	B-2		
		Q2640	B-5		
		Q2641	B-5		
		Q3011	D-4		
		Q3012	D-4		
		Q3013	D-4		
		Q3014	C-5		
		Q3015	A-5		
		Q3017	C-5		
		Q3018	D-4		
		Q3030	C-5		
		Q3031	B-5		
		Q3032	B-5		
		Q3401	A-5		
		Q3402	A-5		

TH-65PZ700A
H-BOARD TNPA4279AD

TH-65PY700AZ/H/M
H-BOARD TNPA4279AB

TH-65PY700MR
H-BOARD TNPA4279AF

TH-65PZ700A
H-BOARD TNPA4279AD

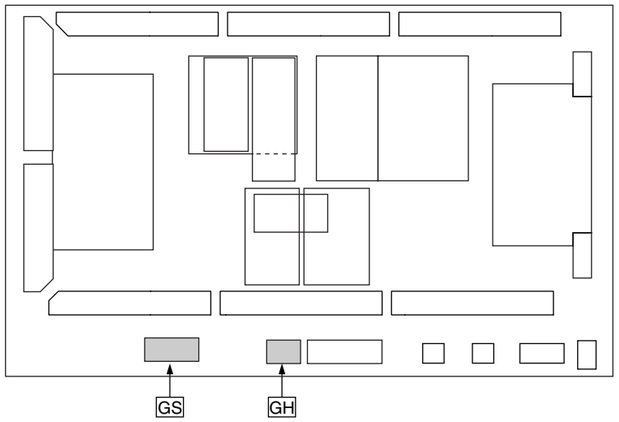
TH-65PY700AZ/H/M
H-BOARD TNPA4279AB

TH-65PY700MR
H-BOARD TNPA4279AF

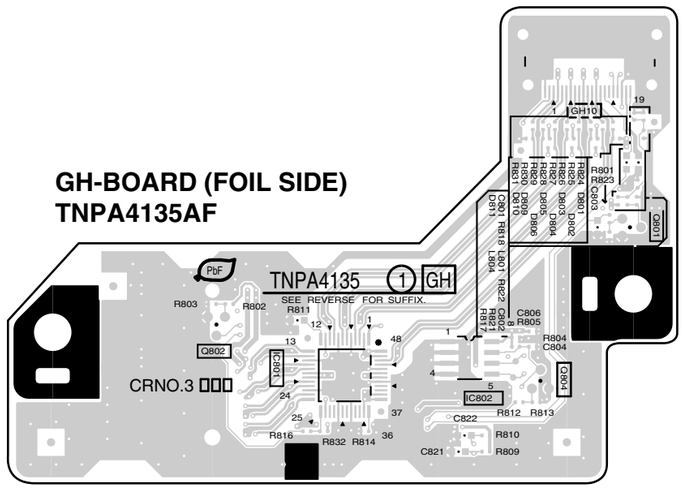
14.6. GH and GS-Board

Parts Location

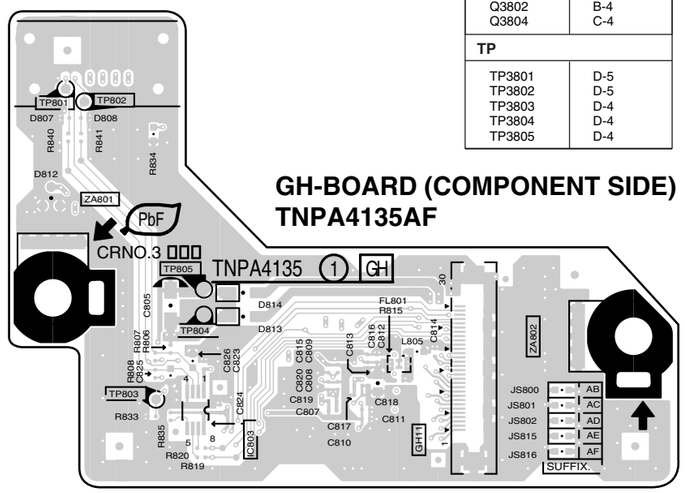
GH-BOARD	
IC	
IC3801	B-4
IC3802	C-4
IC3803	E-4
TRANSISTOR	
Q3801	C-5
Q3802	B-4
Q3804	C-4
TP	
TP3801	D-5
TP3802	D-5
TP3803	D-4
TP3804	D-4
TP3805	D-4



GH-BOARD (FOIL SIDE)
TNPA4135AF



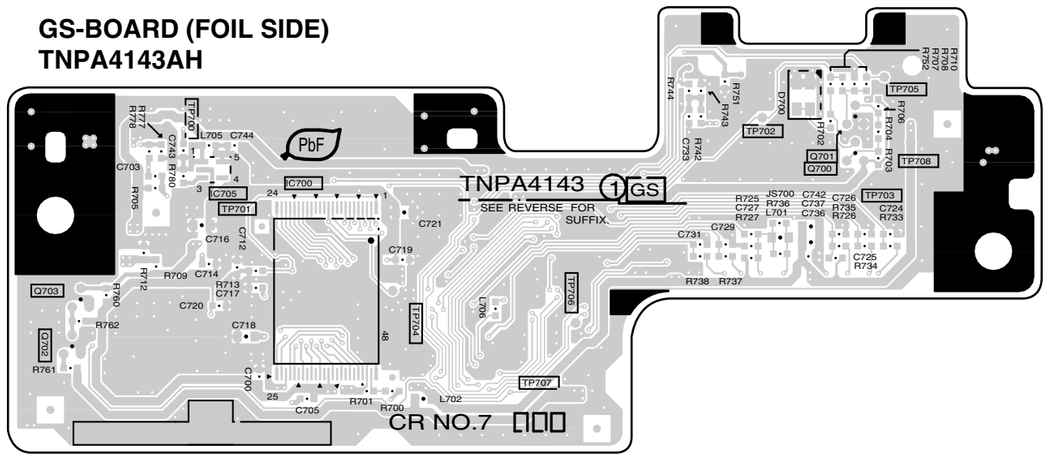
GH-BOARD (COMPONENT SIDE)
TNPA4135AF



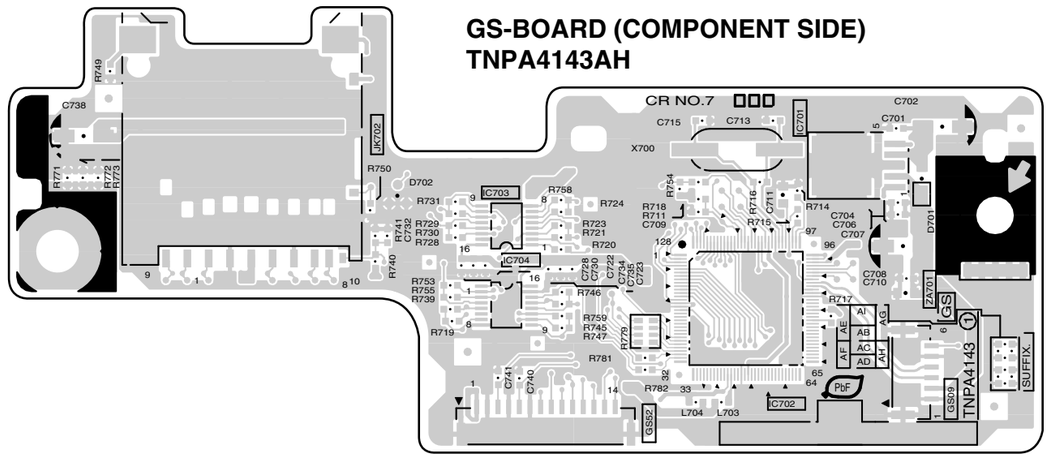
Parts Location

GS-BOARD					
IC		**TRANSISTOR**		**TP**	
IC7700	B-2	Q7700	D-2	TP7700	A-2
IC7701	H-2	Q7701	D-2	TP7701	B-2
IC7702	H-1	Q7702	A-2	TP7702	D-2
IC7703	G-2	Q7703	A-2	TP7703	D-2
IC7704	G-2			TP7705	D-3
IC7705	B-2			TP7706	C-2
				TP7707	C-1
				TP7708	D-2

GS-BOARD (FOIL SIDE)
TNPA4143AH



GS-BOARD (COMPONENT SIDE)
TNPA4143AH

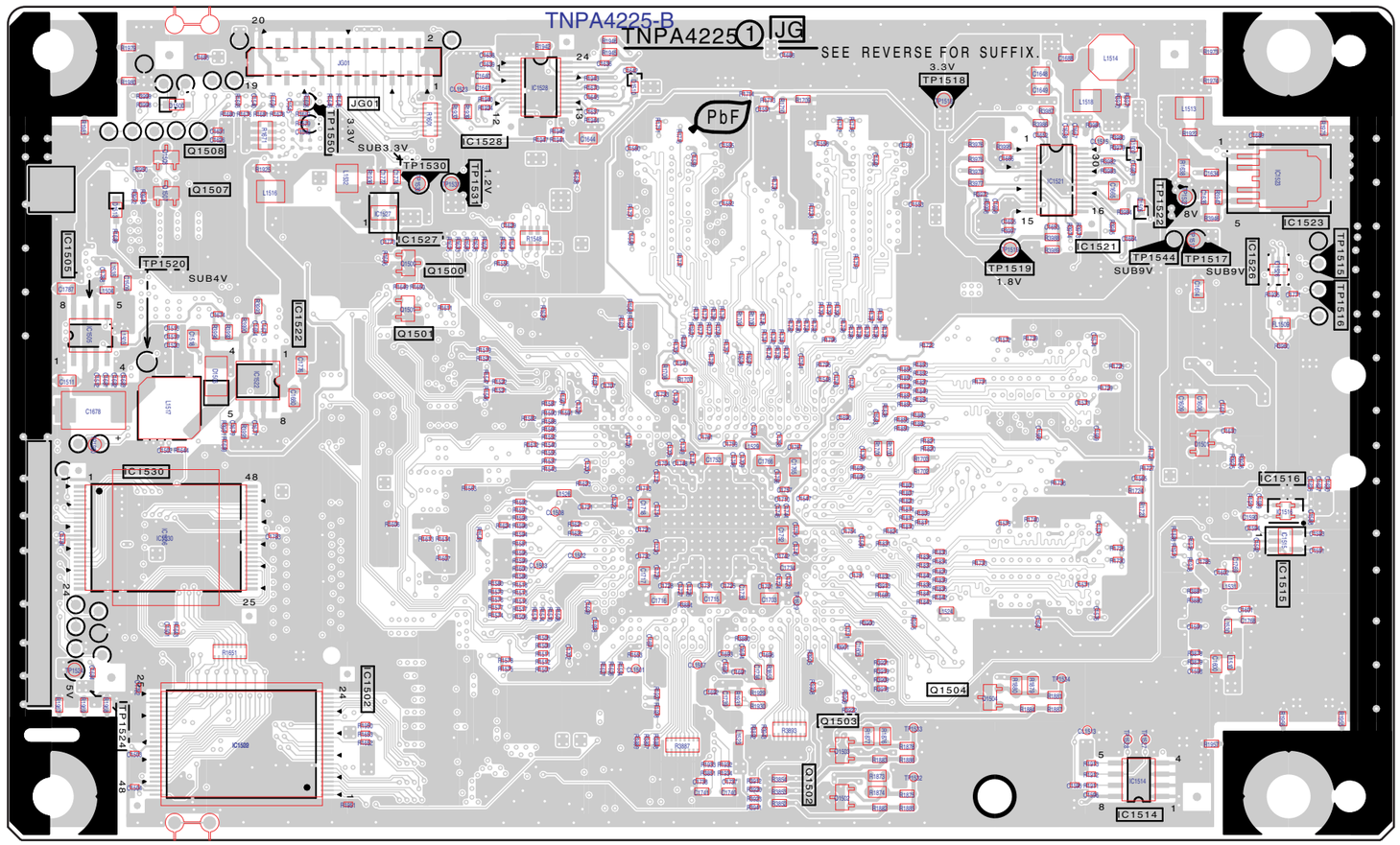


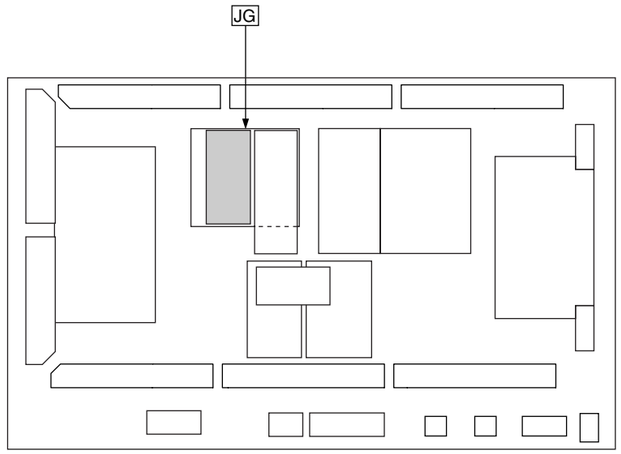
TH-65PY700AZ/H/M/MR, PZ700A
GH-BOARD TNPA4135AF
GS-BOARD TNPA4143AH

TH-65PY700AZ/H/M/MR, PZ700A
GH-BOARD TNPA4135AF
GS-BOARD TNPA4143AH

14.7. JG-Board

JG-BOARD (FOIL SIDE)
TNPA4225AF





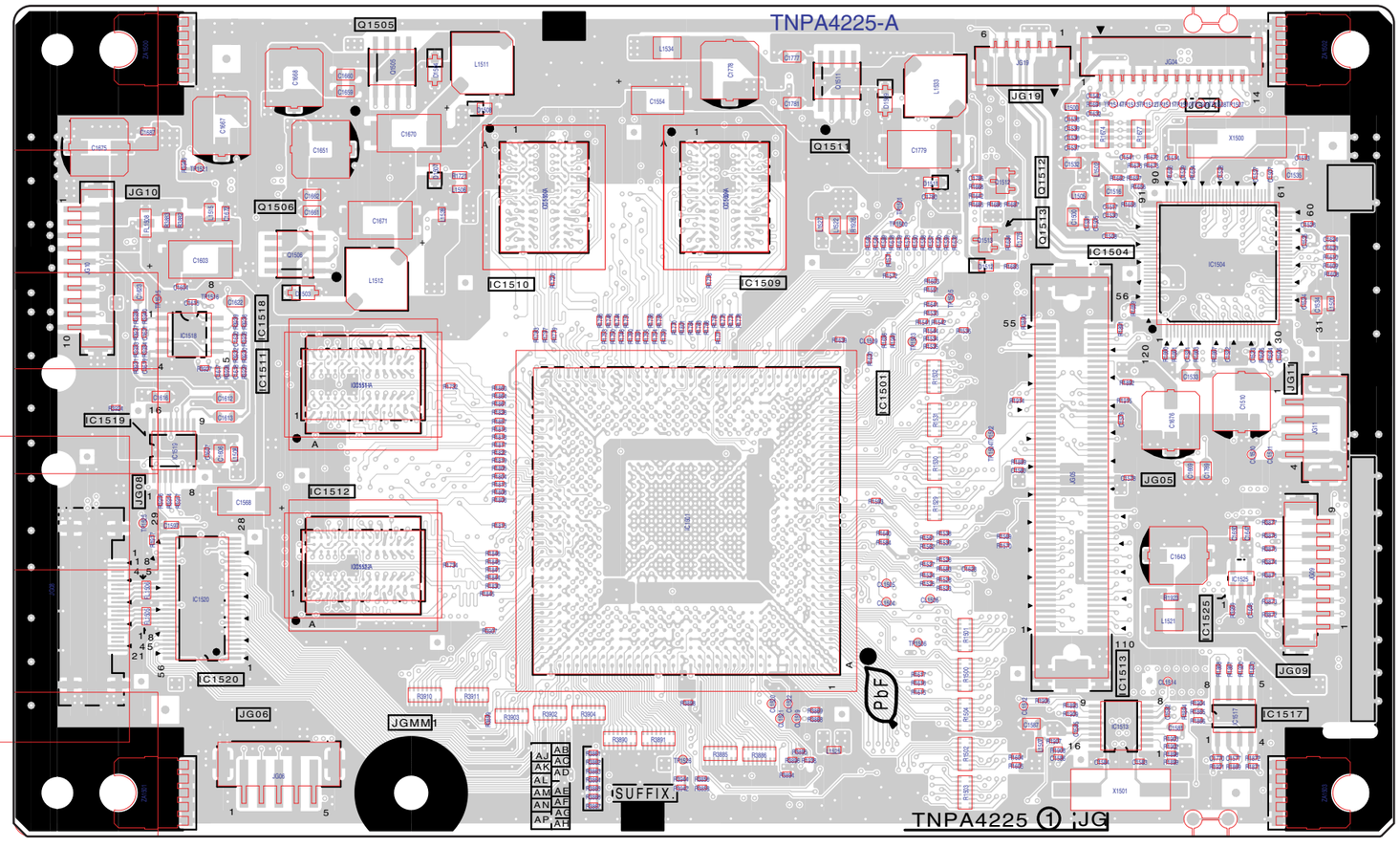
Parts Location

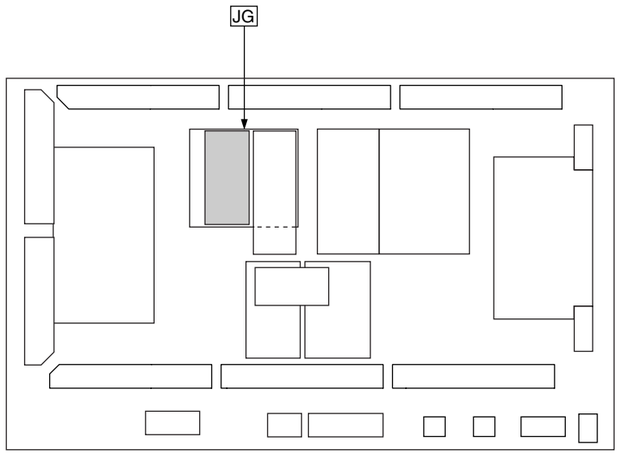
JG-BOARD	
IC	
IC1502	B-2
IC1505	A-4
IC1514	F-1
IC1515	F-2
IC1516	F-3
IC1521	E-4
IC1522	B-3
IC1523	F-4
IC1526	F-4
IC1527	B-4
IC1528	C-4
IC1530	A-3
TRANSISTOR	
Q1500	C-4
Q1501	B-3
Q1502	D-1
Q1503	D-2
Q1504	E-2
Q1507	B-4
Q1508	B-4
TP	
TP1515	F-4
TP1516	F-3
TP1517	F-4
TP1518	E-4
TP1519	E-4
TP1520	A-3
TP1522	F-4
TP1524	A-2
TP1530	B-4
TP1531	C-4
TP1544	F-4
TP1550	B-4

TH-65PY700AZ/H/M/MR, PZ700A
JG-BOARD TNPA4225AF

TH-65PY700AZ/H/M/MR, PZ700A
JG-BOARD TNPA4225AF

JG-BOARD (COMPONENT SIDE)
TNPA4225AF





Parts Location

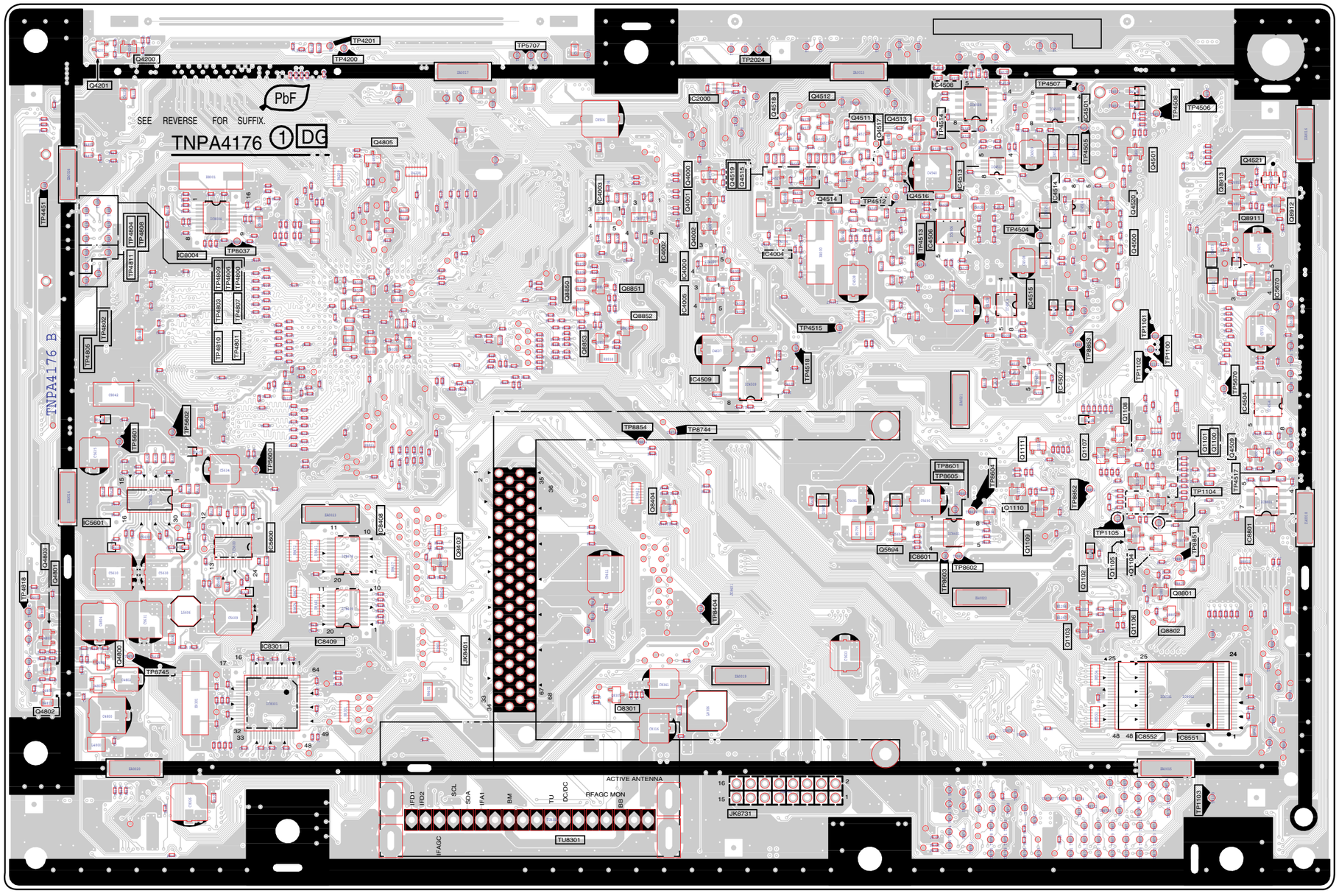
JG-BOARD	
IC	
IC1501	E-3
IC1504	F-4
IC1509	D-3
IC1510	C-3
IC1511	B-3
IC1512	B-3
IC1513	F-2
IC1517	F-2
IC1518	B-3
IC1519	A-3
IC1520	B-2
IC1525	F-2
TRANSISTOR	
Q1505	B-4
Q1506	B-4
Q1511	D-4
Q1512	E-4
Q1513	E-4

TH-65PY700AZ/H/M/MR, PZ700A
JG-BOARD TNPA4225AF

TH-65PY700AZ/H/M/MR, PZ700A
JG-BOARD TNPA4225AF

14.8. DG-Board

DG-BOARD (FOIL SIDE)
TXNDG1HGTA (700A) **TXNDG1HGTM (700M)**
TXNDG1HGTP (700AZ) **TXNDG1HGTX (700MR)**
TXNDG1HFTH (700H)



TH-65PY700AZ
DG-BOARD TXNDG1HGTP
TH-65PY700MR
DG-BOARD TXNDG1HGTX

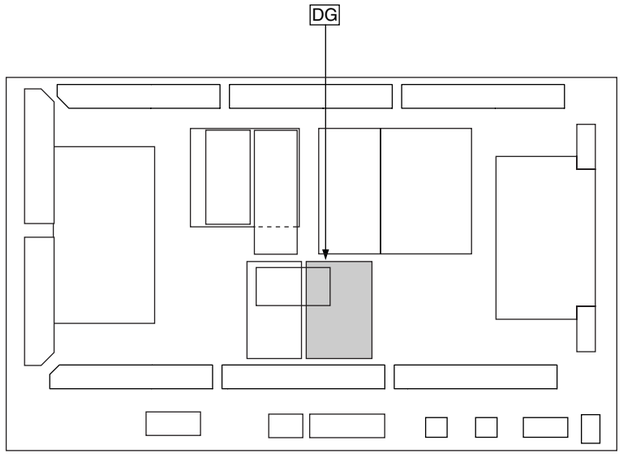
TH-65PY700H
DG-BOARD TXNDG1HFTH
TH-65PZ700A
DG-BOARD TXNDG1HGTA

TH-65PY700M
DG-BOARD TXNDG1HGTM

TH-65PY700AZ
DG-BOARD TXNDG1HGTP
TH-65PY700MR
DG-BOARD TXNDG1HGTX

TH-65PY700H
DG-BOARD TXNDG1HFTH
TH-65PZ700A
DG-BOARD TXNDG1HGTA

TH-65PY700M
DG-BOARD TXNDG1HGTM



Parts Location

DG-BOARD (FOIL SIDE)					
IC		**TRANSISTOR**		**TP**	
IC2000	E-5	Q1100	H-3	TP1100	H-4
IC4000	E-4	Q1101	H-3	TP1101	H-4
IC4002	E-4	Q1102	G-3	TP1102	G-4
IC4003	D-5	Q1103	G-2	TP1103	H-1
IC4004	E-4	Q1104	G-3	TP1104	H-3
IC4005	E-4	Q1105	G-3	TP1105	G-3
IC4501	G-5	Q1106	G-2	TP2024	E-6
IC4504	H-4	Q1107	G-3	TP4200	C-6
IC4506	F-4	Q1108	G-3	TP4201	C-6
IC4507	G-4	Q1109	G-3	TP4451	A-5
IC4508	F-5	Q1110	G-3	TP4504	G-5
IC4509	E-4	Q1111	G-3	TP4505	G-5
IC4513	F-5	Q4000	E-5	TP4506	H-5
IC4514	G-5	Q4001	E-5	TP4507	G-5
IC4515	G-4	Q4002	E-4	TP4508	H-5
IC5600	C-3	Q4200	B-6	TP4512	F-5
IC5601	B-3	Q4201	B-5	TP4513	F-4
IC5670	H-4	Q4500	G-4	TP4514	F-5
IC8004	B-4	Q4501	H-5	TP4515	F-4
IC8301	C-2	Q4509	H-3	TP4517	H-3
IC8408	C-3	Q4511	F-5	TP4518	F-4
IC8409	C-2	Q4512	F-5	TP4800	B-4
IC8601	F-3	Q4513	F-5	TP4801	B-4
IC8801	H-3	Q4514	F-5	TP4802	B-4
IC8851	H-2	Q4515	E-5	TP4803	B-4
IC8852	H-2	Q4516	F-5	TP4804	B-5
		Q4517	F-5	TP4805	B-4
		Q4518	E-5	TP4806	B-4
		Q4519	E-5	TP4807	B-4
		Q4520	G-5	TP4808	B-5
		Q4521	H-5	TP4809	B-4
		Q4800	B-2	TP4810	B-4
		Q4801	A-3	TP4811	B-4
		Q4802	A-2	TP4818	A-2
		Q4803	A-3	TP5600	C-3
		Q4805	C-5	TP5601	B-3
		Q5694	F-3	TP5602	B-3
		Q8301	E-2	TP5670	H-4
		Q8403	D-3	TP5707	D-6
		Q8404	E-3	TP8037	B-4
		Q8801	H-3	TP8404	E-2
		Q8802	H-2	TP8601	F-3
		Q8850	D-4	TP8602	F-3
		Q8851	E-4	TP8603	F-3
		Q8852	E-4	TP8604	G-3
		Q8853	D-4	TP8605	F-3
		Q8911	H-5	TP8744	E-3
		Q8912	H-5	TP8745	B-2
		Q8913	H-5	TP8851	H-3
				TP8852	G-3
				TP8853	G-4
				TP8854	E-3

Parts Location

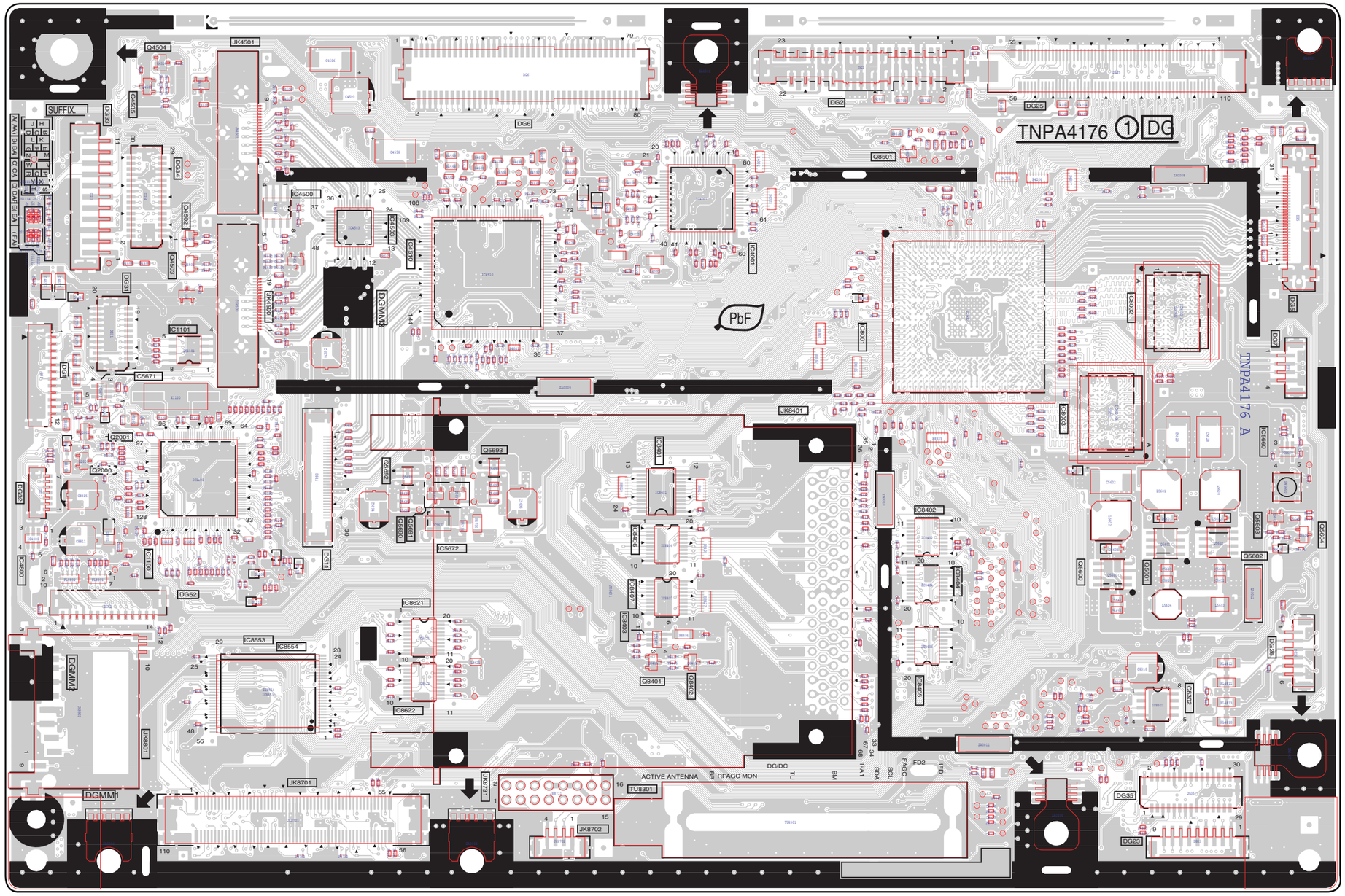
DG-BOARD (COMPONENT SIDE)			
IC		**TRANSISTOR**	
IC1100	B-3	Q2000	B-3
IC1101	B-4	Q2001	B-3
IC4001	E-4	Q4502	B-5
IC4500	C-5	Q4503	B-4
IC4503	C-5	Q4504	B-6
IC4510	C-4	Q4505	B-5
IC4800	A-3	Q5600	G-3
IC5660	H-3	Q5601	H-3
IC5671	B-4	Q5602	H-3
IC5672	D-3	Q5603	H-3
IC8001	F-4	Q5604	H-3
IC8002	G-4	Q5690	C-3
IC8003	G-4	Q5691	C-3
IC8302	H-2	Q5692	C-3
IC8401	E-3	Q5693	D-3
IC8402	F-3	Q8401	E-2
IC8403	E-2	Q8402	E-2
IC8404	F-3	Q8501	F-5
IC8405	F-2		
IC8406	E-3		
IC8407	E-3		
IC8553	B-2		
IC8621	C-2		
IC8622	C-2		
IC8654	C-2		

TH-65PY700AZ/H/M/MR, PZ700A
DG-BOARD PARTS LOCATION

DG-BOARD (COMPONENT SIDE)

TXNDG1HGTA (700A)
TXNDG1HGTP (700AZ)
TXNDG1HFTH (700H)

TXNDG1HGTM (700M)
TXNDG1HGTX (700MR)



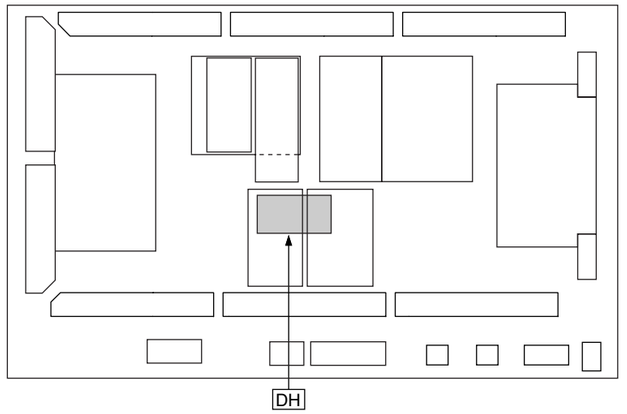
14.9. DH-Board

Parts Location

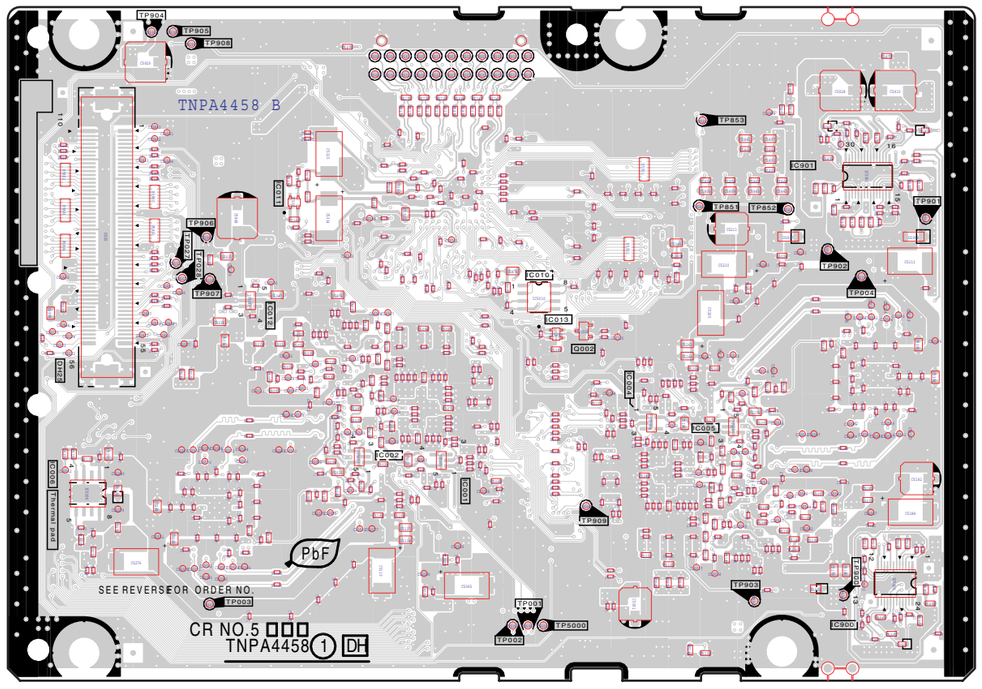
DH-BOARD (FOIL SIDE)			
IC		**TP**	
IC5001	C-2	TP5000	C-1
IC5002	B-2	TP5001	C-1
IC5004	C-2	TP5002	C-1
IC5005	D-2	TP5003	B-1
IC5006	A-2	TP5004	D-2
IC5010	C-3	TP5027	A-2
IC5011	B-3	TP5028	A-2
IC5012	B-2	TP5851	D-3
IC5013	C-2	TP5852	D-3
IC5900	D-1	TP5853	D-3
IC5901	D-3	TP5900	D-1
		TP5901	D-3
TRANSISTOR		TP5902	D-3
Q5002	C-2	TP5903	D-1
		TP5904	A-3
		TP5905	A-3
		TP5906	B-3
		TP5907	B-2
		TP5908	A-3
		TP5909	C-2

Parts Location

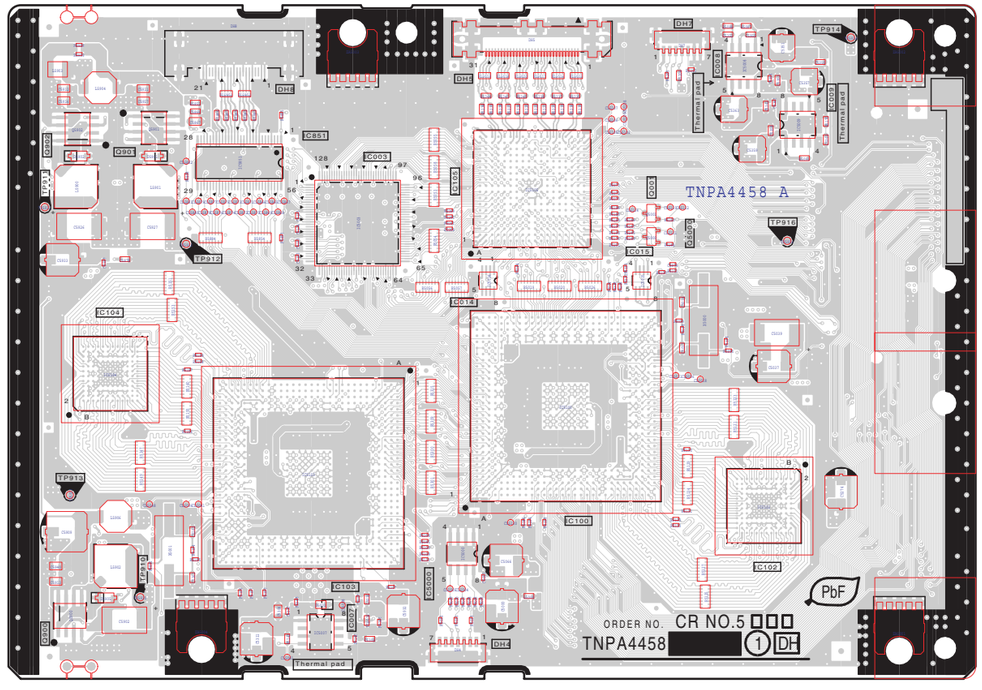
DH-BOARD (COMPONENT SIDE)					
IC		**TRANSISTOR**		**TP**	
IC5000	G-1	Q5000	H-3	TP5910	F-1
IC5003	G-3	Q5001	H-3	TP5911	E-3
IC5007	F-1	Q5900	E-1	TP5912	F-3
IC5008	H-3	Q5901	F-3	TP5913	E-2
IC5009	H-3	Q5902	E-3	TP5914	H-3
IC5014	G-2			TP5916	H-3
IC5015	H-3				
IC5100	G-2				
IC5102	H-1				
IC5103	F-1				
IC5104	E-2				
IC5105	G-3				
IC5851	F-3				



DH-BOARD (FOIL SIDE)
TNPA4458AD



DH-BOARD (COMPONENT SIDE)
TNPA4458AD

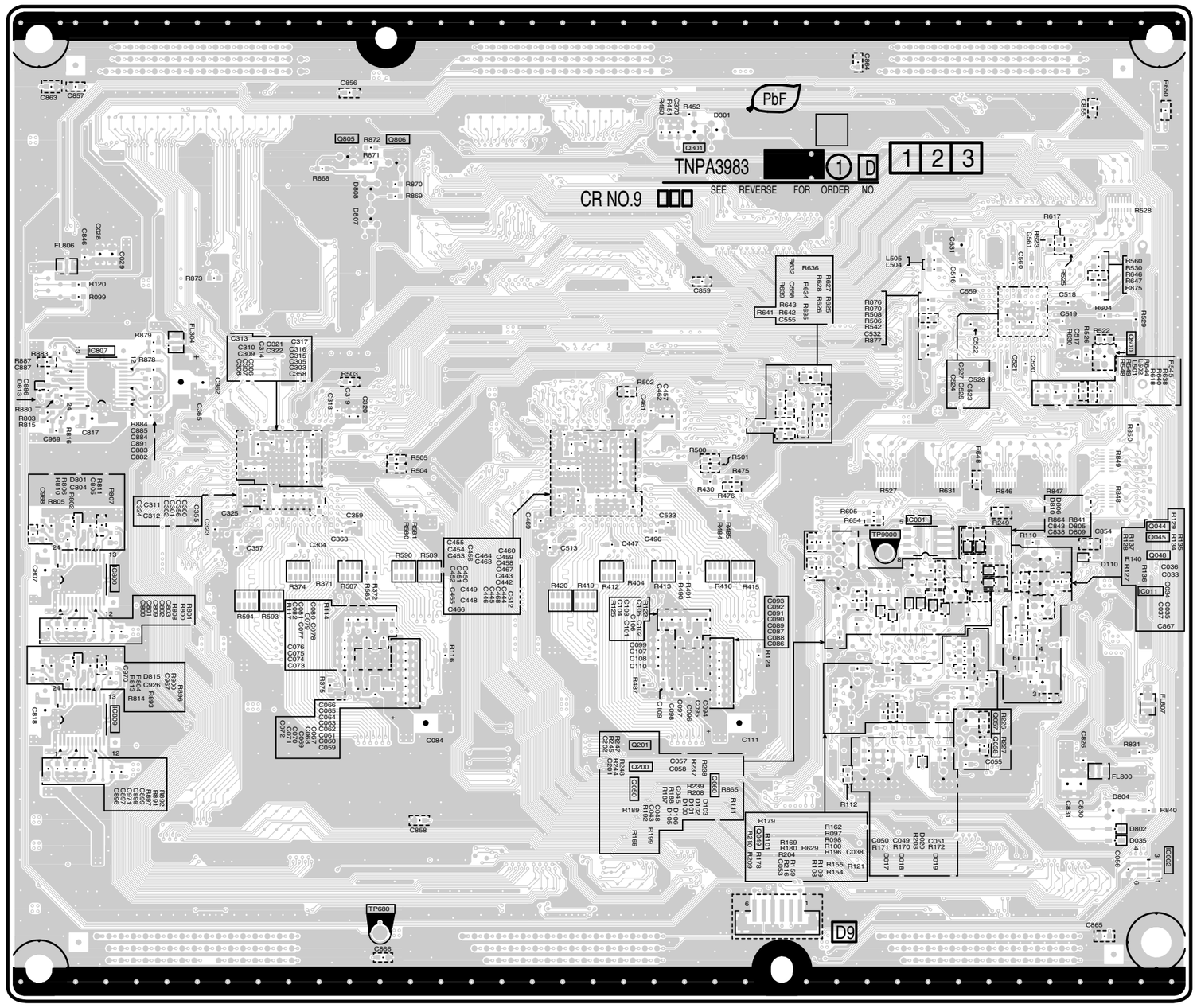


TH-65PY700AZ/H/M/MR, PZ700A
DH-BOARD TNPA4458AD

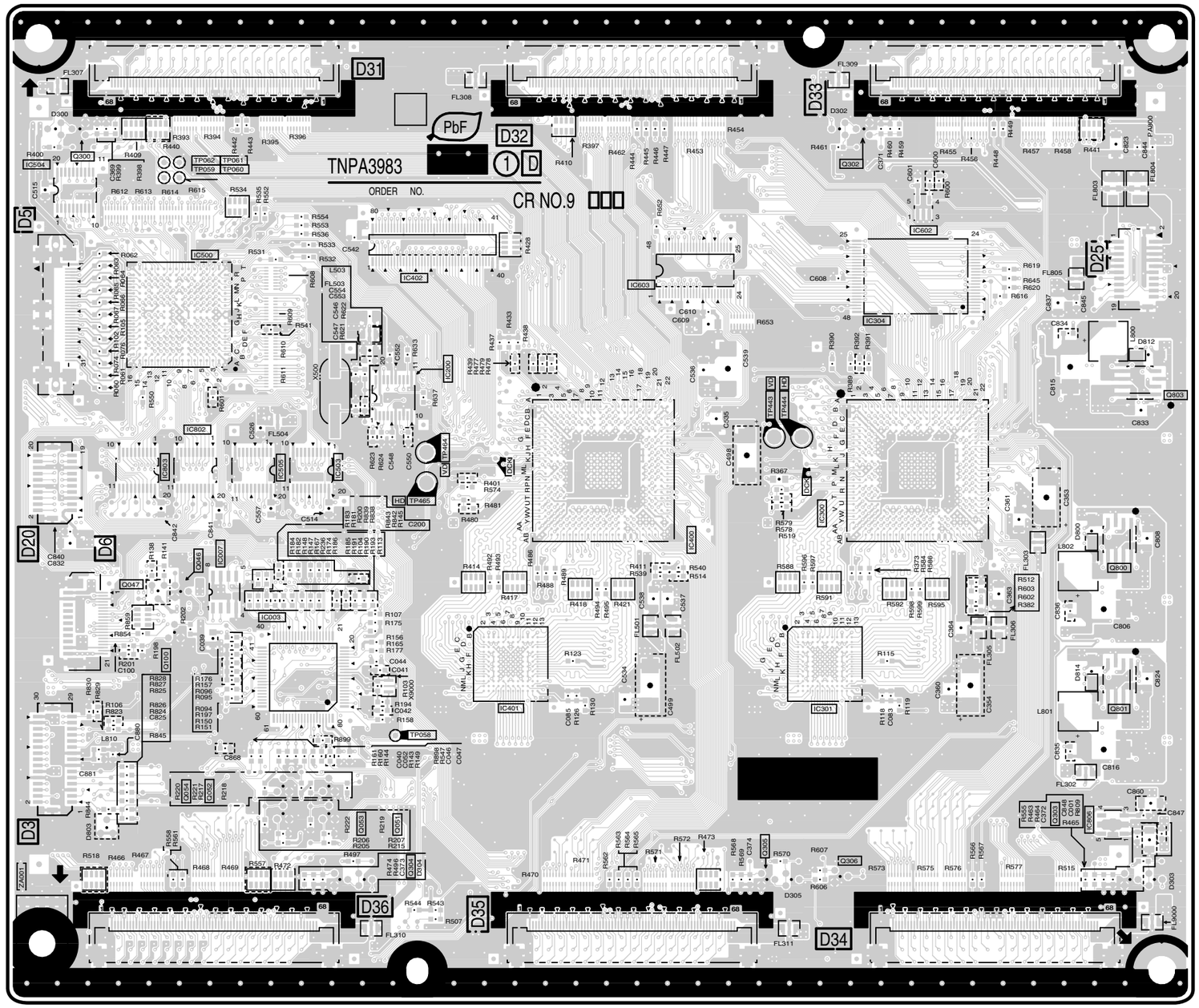
TH-65PY700AZ/H/M/MR, PZ700A
DH-BOARD TNPA4458AD

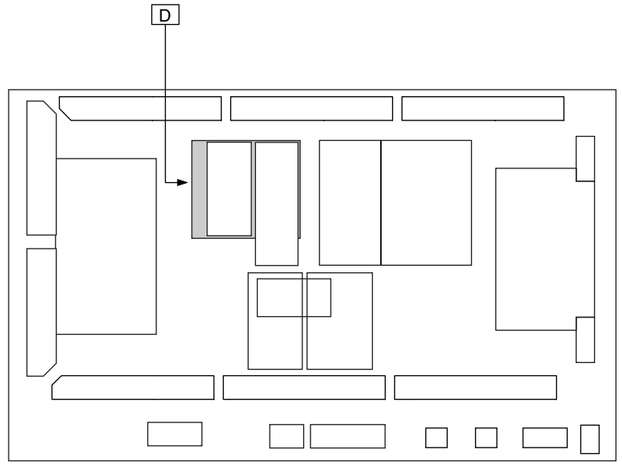
14.10. D-Board

D-BOARD (FOIL SIDE)
TZTNP01HFTA



D-BOARD (COMPONENT SIDE)
TZTNP01HFTA





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	**TP**	
IC9806	F-2	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

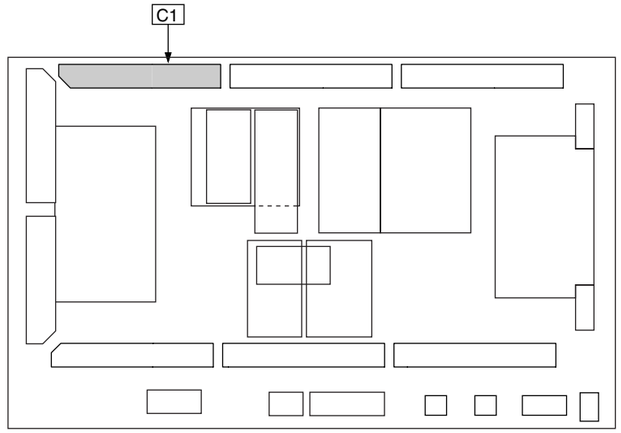
TH-65PY700AZ/H/M/MR, PZ700A
D-BOARD TZTNP01HFTA

TH-65PY700AZ/H/M/MR, PZ700A
D-BOARD TZTNP01HFTA

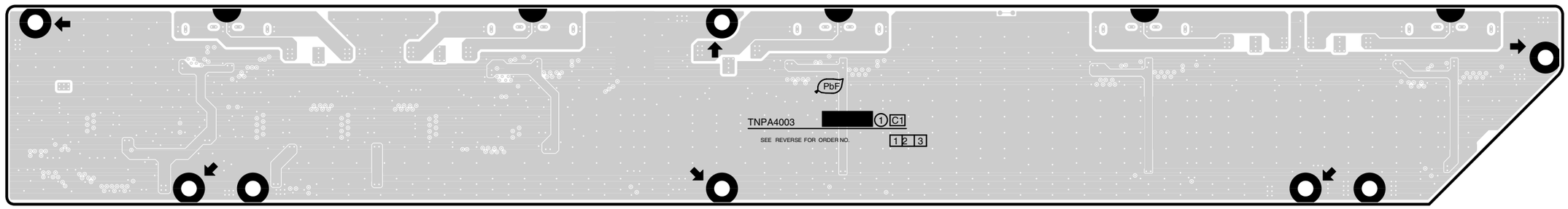
14.11. C1-Board

Parts Location

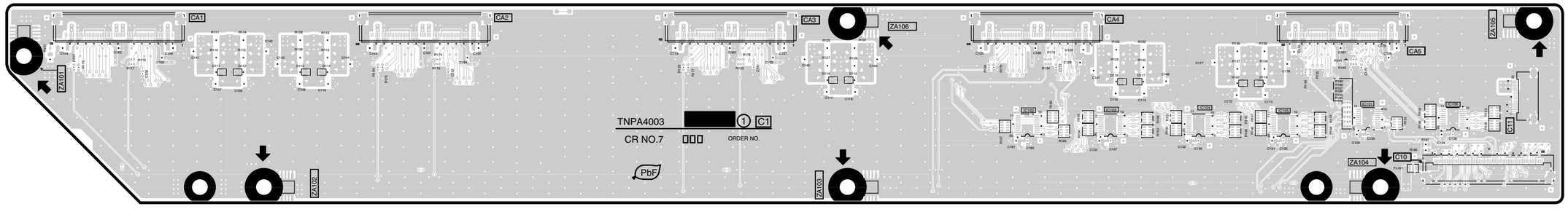
C1-BOARD	
IC	
IC7101	H-2
IC7102	G-2
IC7103	G-2
IC7104	H-2
IC7105	H-5
IC7106	I-2



C1-BOARD (FOIL SIDE)
TNPA4003



C1-BOARD (COMPONENT SIDE)
TNPA4003



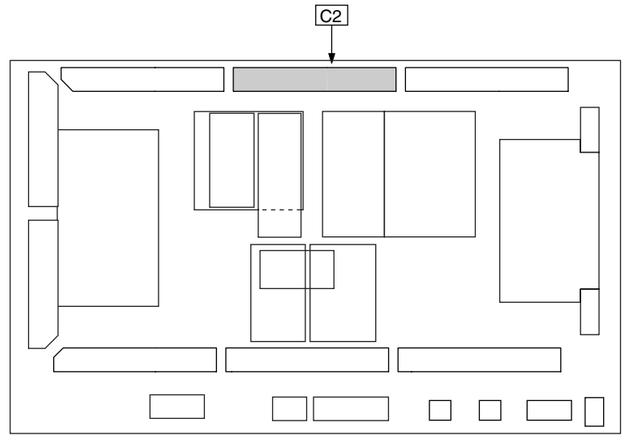
TH-65PY700AZ/H/M/MR, PZ700A
C1-BOARD TNPA4003

TH-65PY700AZ/H/M/MR, PZ700A
C1-BOARD TNPA4003

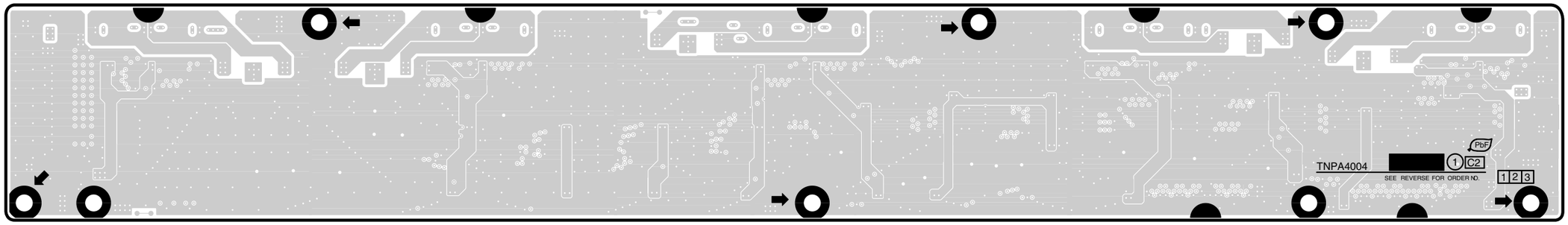
14.12. C2-Board

Parts Location

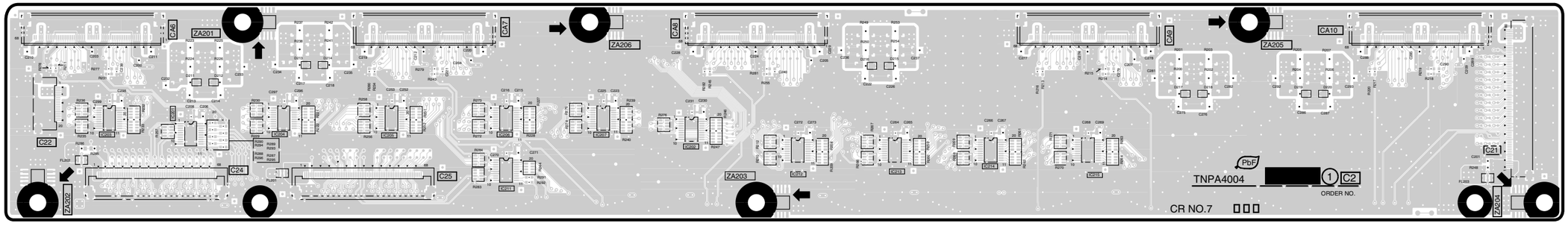
C2-BOARD	
IC	
IC7201	B-2
IC7202	D-1
IC7203	A-2
IC7204	B-2
IC7205	C-2
IC7206	C-2
IC7207	D-2
IC7211	C-1
IC7212	E-1
IC7213	F-1
IC7214	F-1
IC7215	G-1



C2-BOARD (FOIL SIDE)
TNPA4004



C2-BOARD (COMPONENT SIDE)
TNPA4004



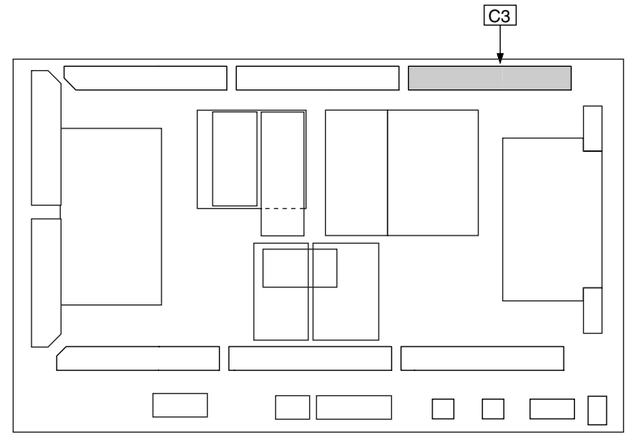
TH-65PY700AZ/H/M/MR, PZ700A
C2-BOARD TNPA4004

TH-65PY700AZ/H/M/MR, PZ700A
C2-BOARD TNPA4004

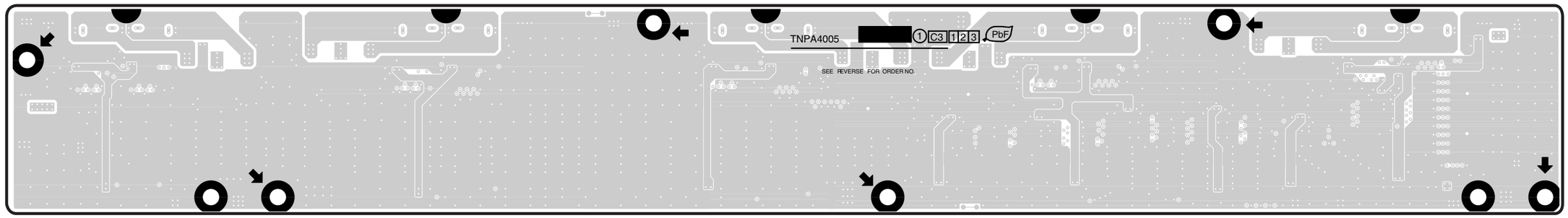
14.13. C3-Board

Parts Location

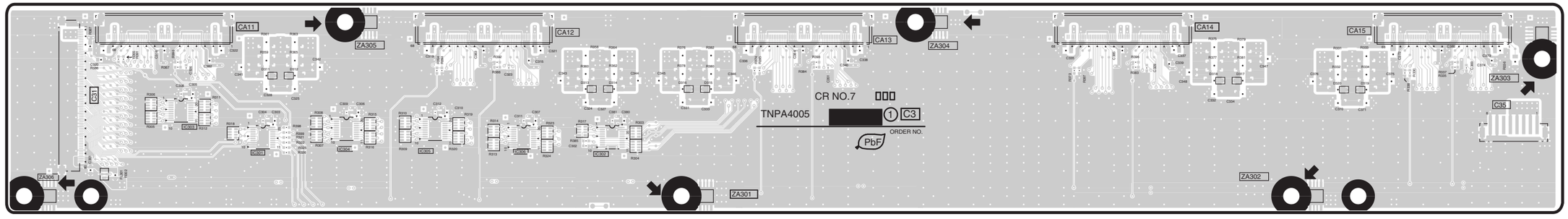
C3-BOARD	
IC	
IC7301	B-1
IC7302	D-1
IC7303	B-2
IC7304	C-1
IC7305	C-1
IC7306	D-1



C3-BOARD (FOIL SIDE)
TNPA4005



C3-BOARD (COMPONENT SIDE)
TNPA4005



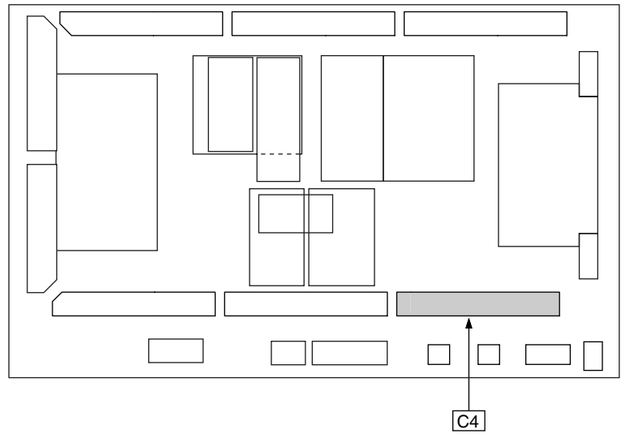
TH-65PY700AZ/H/M/MR, PZ700A
C3-BOARD TNPA4005

TH-65PY700AZ/H/M/MR, PZ700A
C3-BOARD TNPA4005

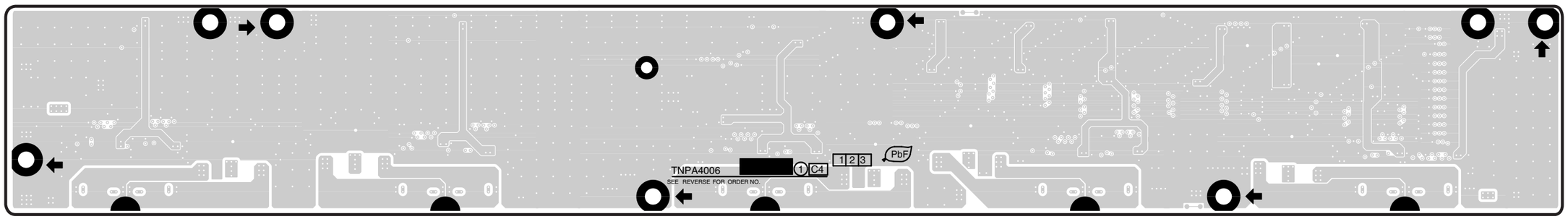
14.14. C4-Board

Parts Location

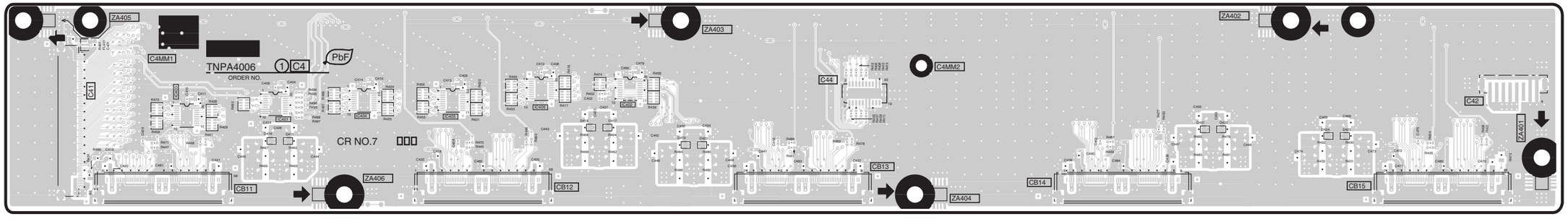
C4-BOARD	
IC	
IC7401	B-2
IC7402	D-2
IC7403	B-2
IC7404	C-2
IC7405	C-2
IC7406	D-2



C4-BOARD (FOIL SIDE)
TNPA4006



C4-BOARD (COMPONENT SIDE)
TNPA4006



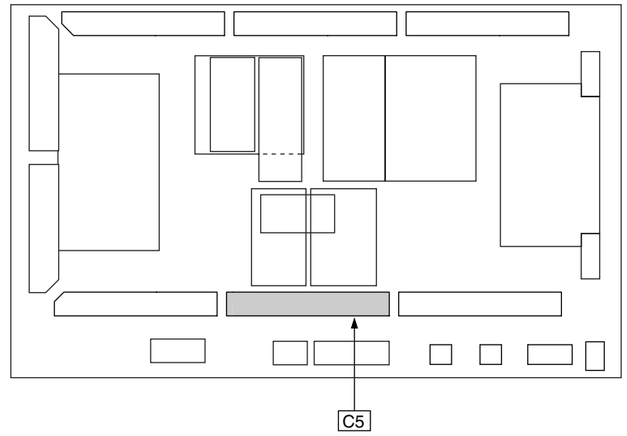
TH-65PY700AZ/H/M/MR, PZ700A
C4-BOARD TNPA4006

TH-65PY700AZ/H/M/MR, PZ700A
C4-BOARD TNPA4006

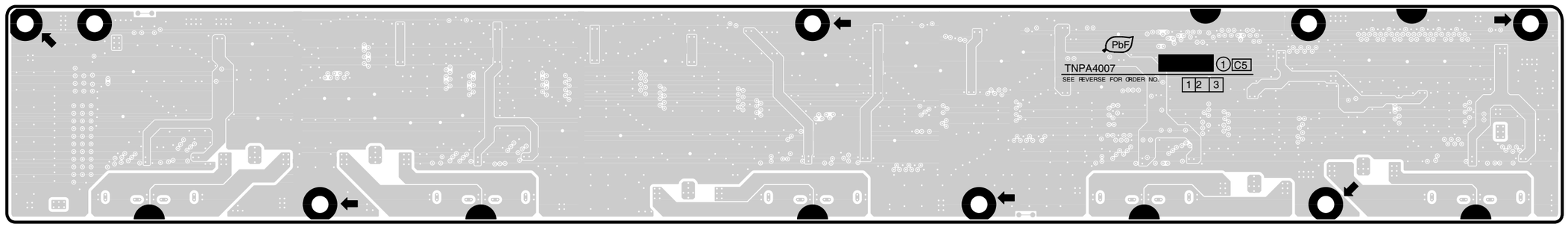
14.15. C5-Board

Parts Location

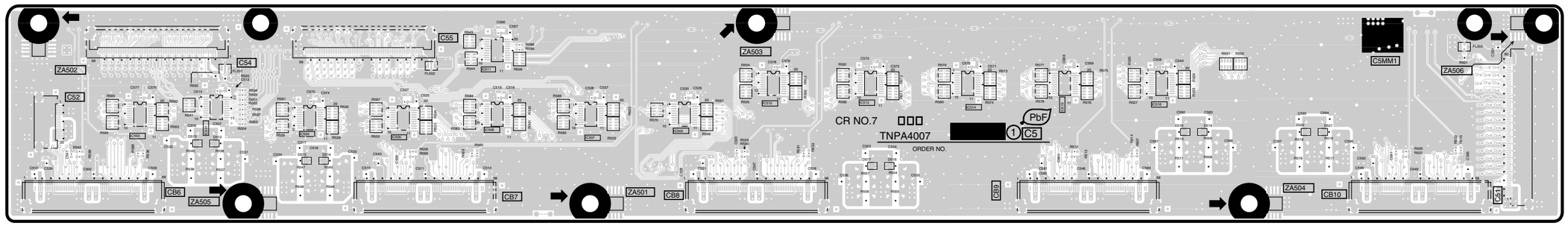
C5-BOARD	
IC	
IC7501	B-2
IC7502	D-2
IC7503	A-2
IC7504	B-2
IC7505	C-2
IC7507	D-2
IC7511	C-2
IC7512	E-2
IC7513	E-2
IC7514	F-2
IC7215	G-2
IC7516	G-2



C5-BOARD (FOIL SIDE)
TNPA4007



C5-BOARD (COMPONENT SIDE)
TNPA4007



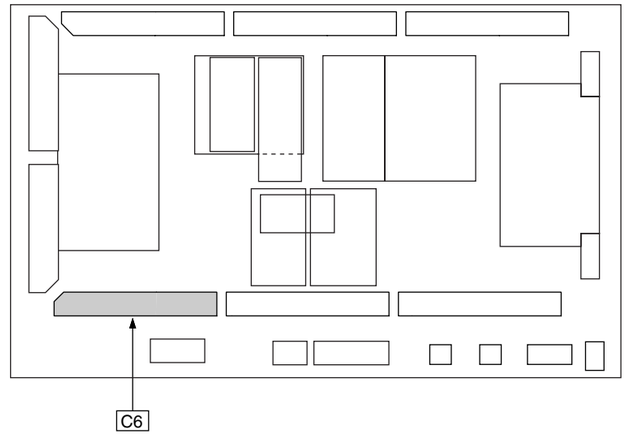
TH-65PY700AZ/H/M/MR, PZ700A
C5-BOARD TNPA4007

TH-65PY700AZ/H/M/MR, PZ700A
C5-BOARD TNPA4007

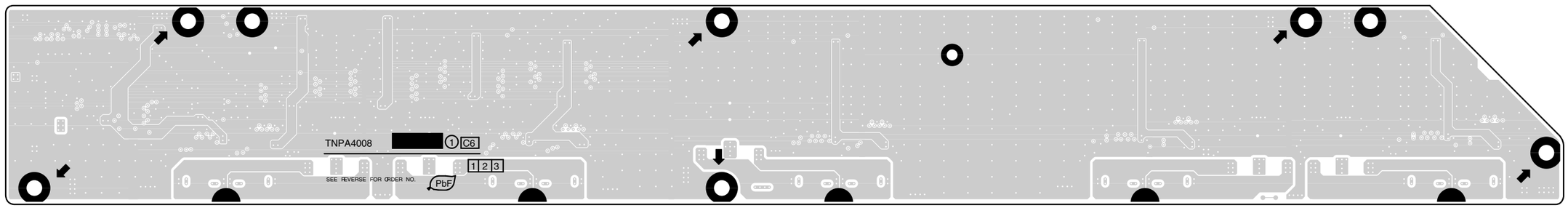
14.16. C6-Board

Parts Location

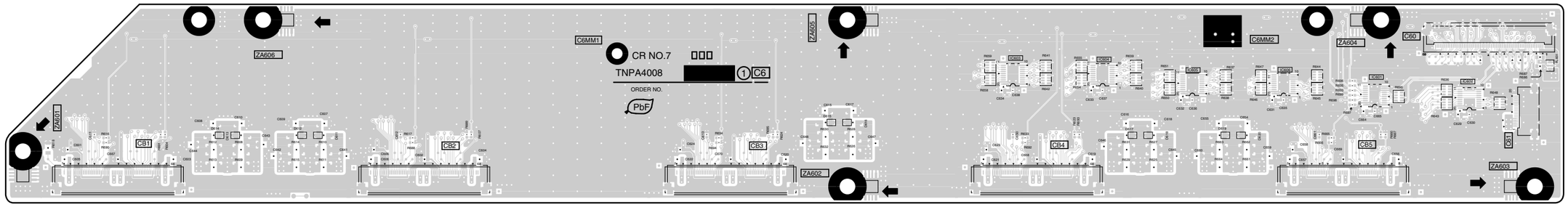
C6-BOARD	
IC	
IC7601	H-2
IC7602	I-2
IC7603	F-2
IC7604	G-2
IC7605	G-5
IC7606	H-2



C6-BOARD (FOIL SIDE)
TNPA4008



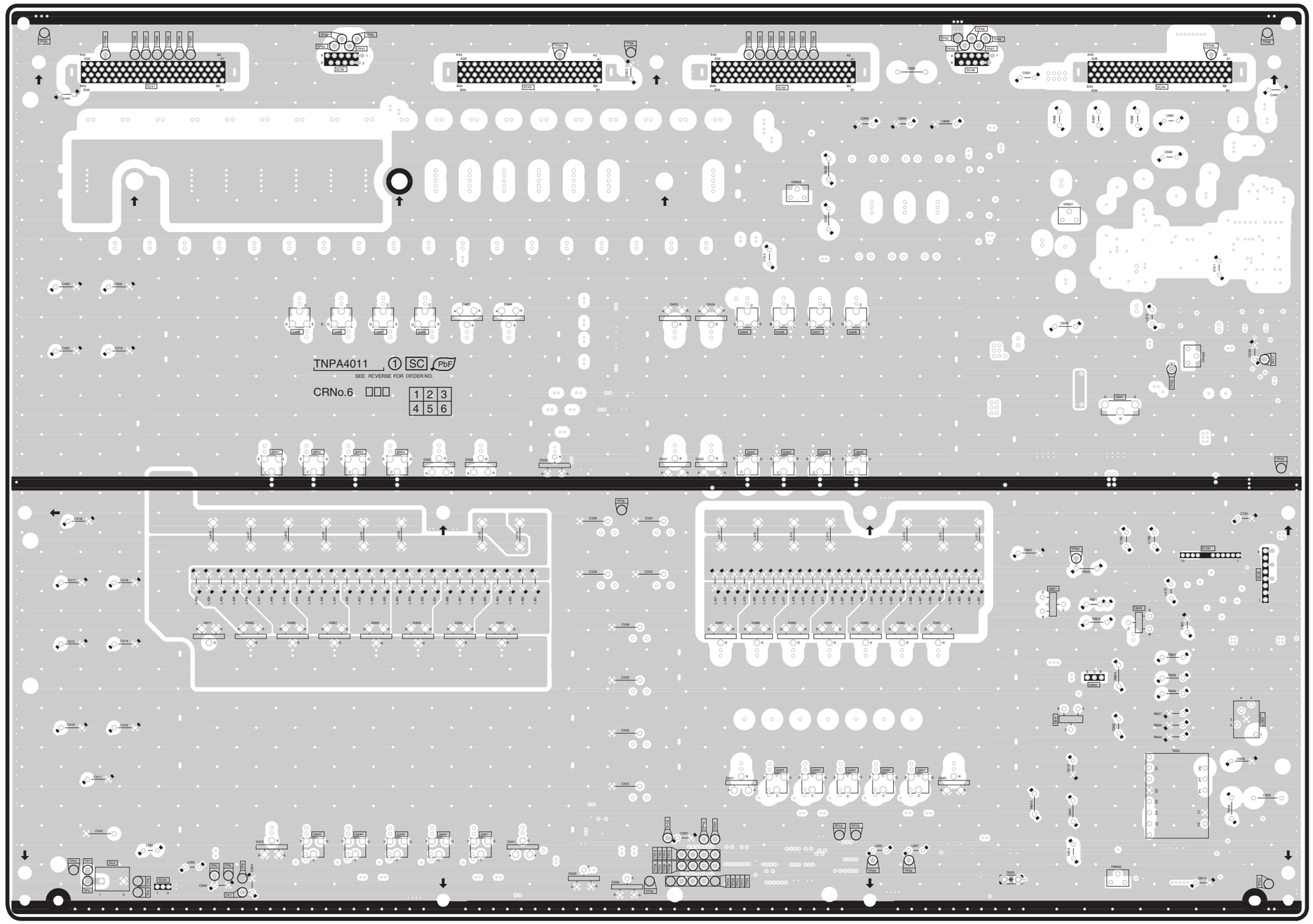
C6-BOARD (COMPONENT SIDE)
TNPA4008



TH-65PY700AZ/H/M/MR, PZ700A
C6-BOARD TNPA4008

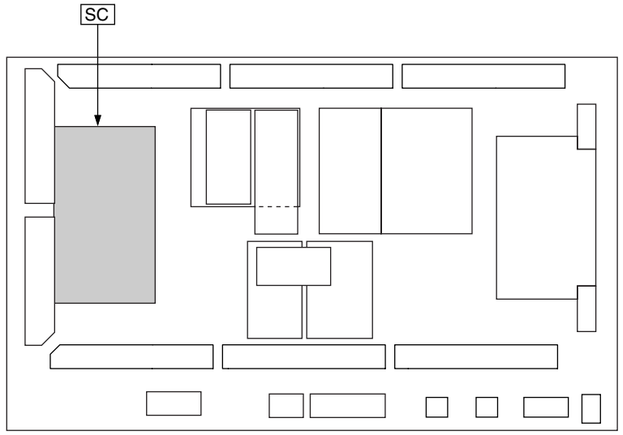
14.17. SC-Board

SC-BOARD (FOIL SIDE)
TNPA4011



TH-65PY700AZ/H/M/MR, PZ700A
SC-BOARD TNPA4011

TH-65PY700AZ/H/M/MR, PZ700A
SC-BOARD TNPA4011



Parts Location

SC-BOARD (FOIL SIDE)

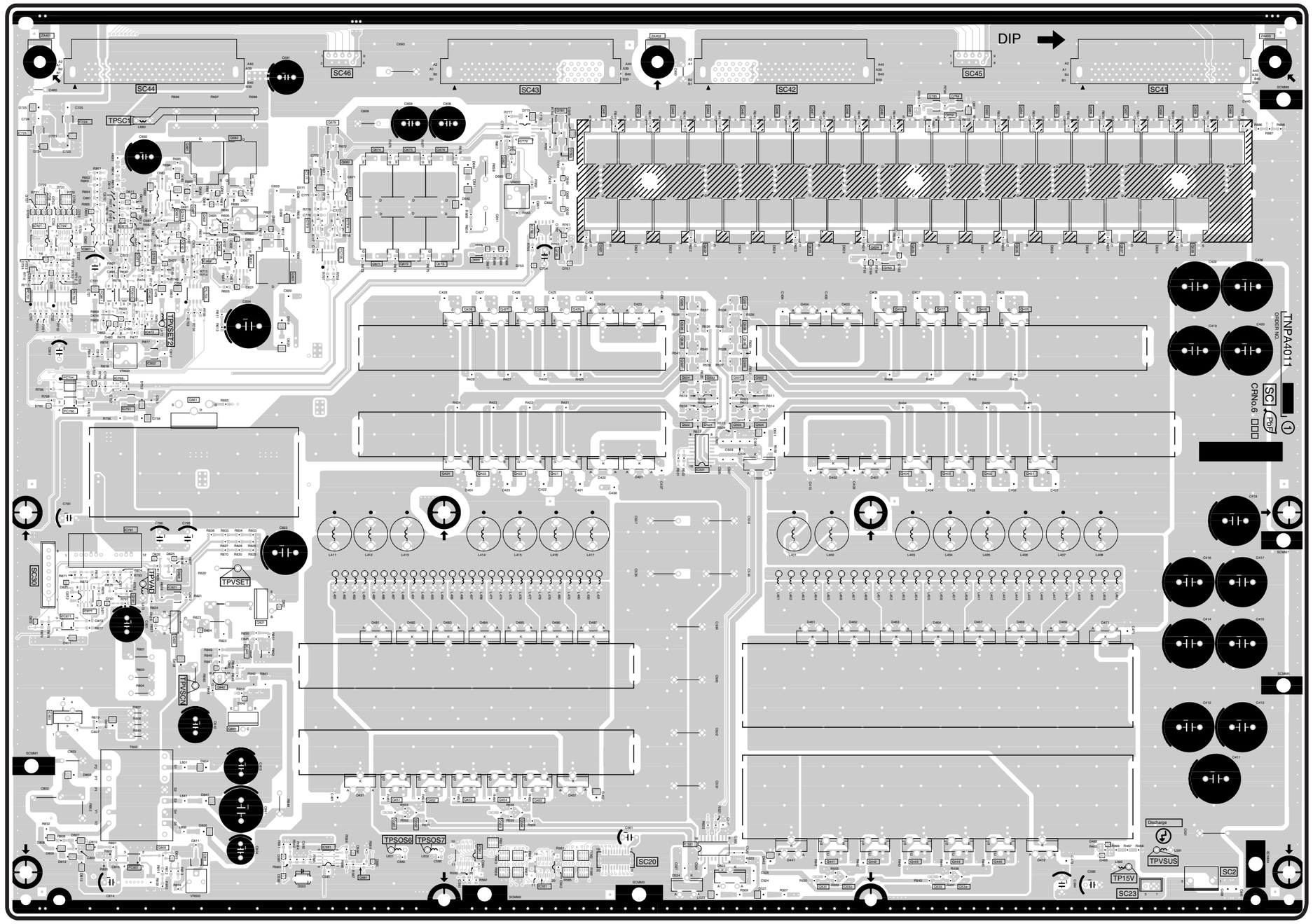
IC		TP			
IC6791	H-3	TP036	B-6	TP23	F-1
IC6803	I-2	TP037	B-6	TP24	E-1
TRANSISTOR		TP042	H-6	TP25	E-1
Q6401	C-4	TP043	F-6	TP26	E-1
Q6402	C-4	TP044	B-6	TP27	E-1
Q6403	C-4	TP045	B-6	TP28	I-6
Q6404	C-4	TP046	B-6	TP29	E-6
Q6405	C-4	TP047	B-6	TP30	A-6
Q6406	C-4	TP048	B-6	TP31	B-1
Q6407	C-4	TP049	F-6	TP32	E-1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

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		

SC-BOARD (COMPONENT SIDE)
TNPA4011



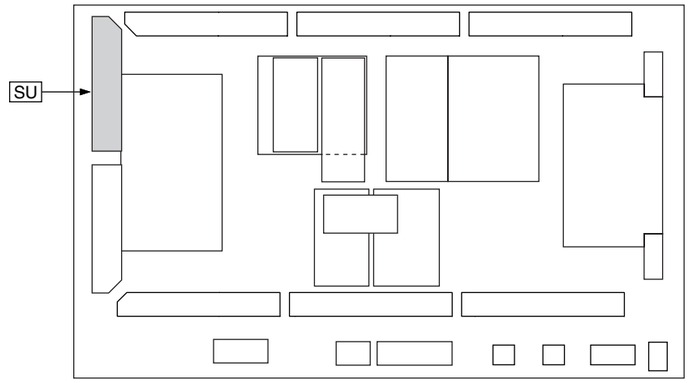
TH-65PY700AZ/H/M/MR, PZ700A
SC-BOARD TNPA4011

TH-65PY700AZ/H/M/MR, PZ700A
SC-BOARD TNPA4011

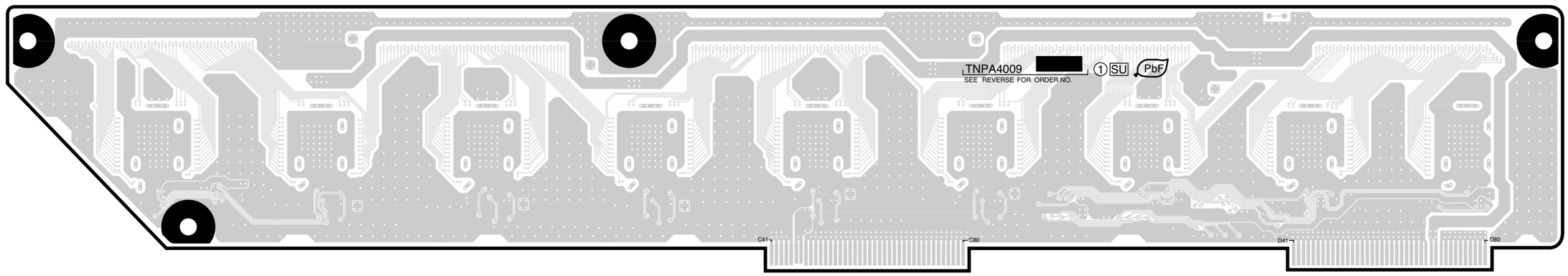
14.18. SU-Board

Parts Location

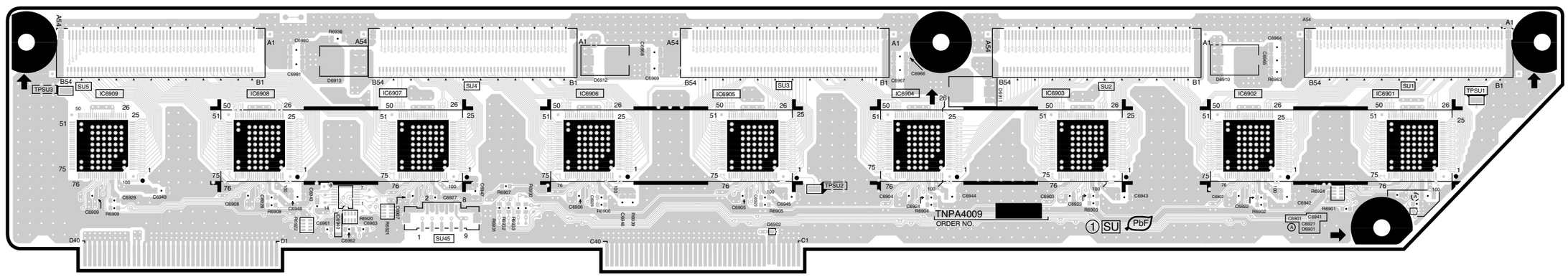
SU-BOARD	
IC	
IC6901	I-2
IC6902	H-2
IC6903	G-2
IC6904	F-2
IC6905	E-2
IC6906	D-2
IC6907	C-2
IC6908	B-2
IC6909	A-2
TP	
TPSU1	I-2
TPSU2	E-1
TPSU3	A-2



SU-BOARD (FOIL SIDE)
TNPA4009AC



SU-BOARD (COMPONENT SIDE)
TNPA4009AC



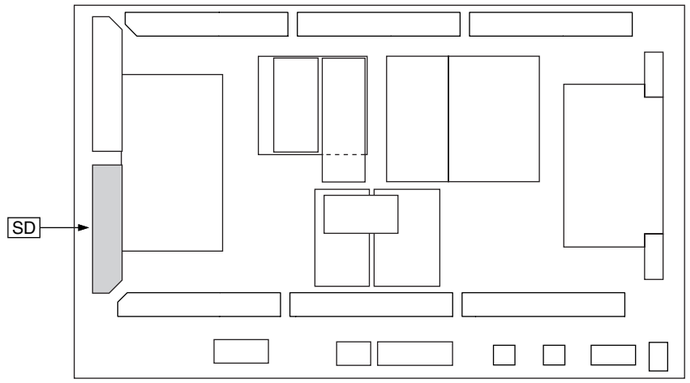
TH-65PY700AZ/H/M/MR, PZ700A
SU-BOARD TNPA4009AC

TH-65PY700AZ/H/M/MR, PZ700A
SU-BOARD TNPA4009AC

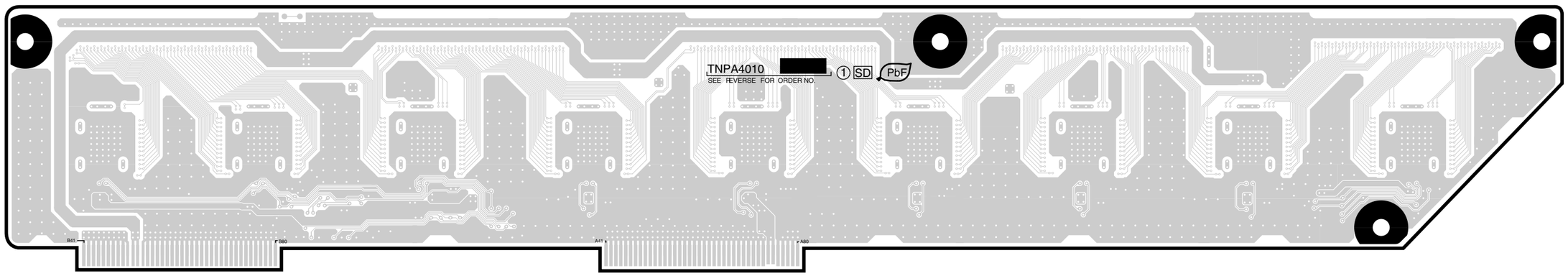
14.19. SD-Board

Parts Location

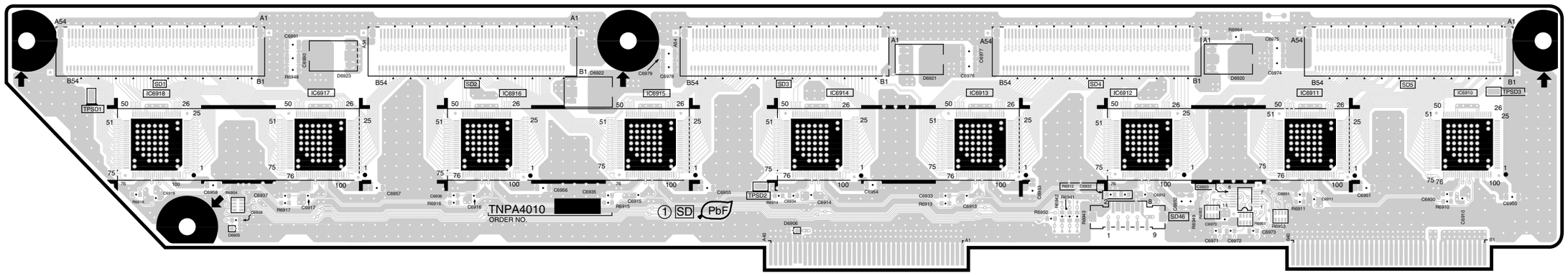
SD-BOARD	
IC	
IC6910	I-2
IC6911	H-2
IC6912	G-2
IC6913	F-2
IC6914	E-2
IC6915	D-2
IC6916	C-2
IC6917	B-2
IC6918	A-2
TP	
TPSD1	A-2
TPSD2	E-1
TPSD3	I-2



SD-BOARD (FOIL SIDE)
TNPA4010AC



SD-BOARD (COMPONENT SIDE)
TNPA4010AC

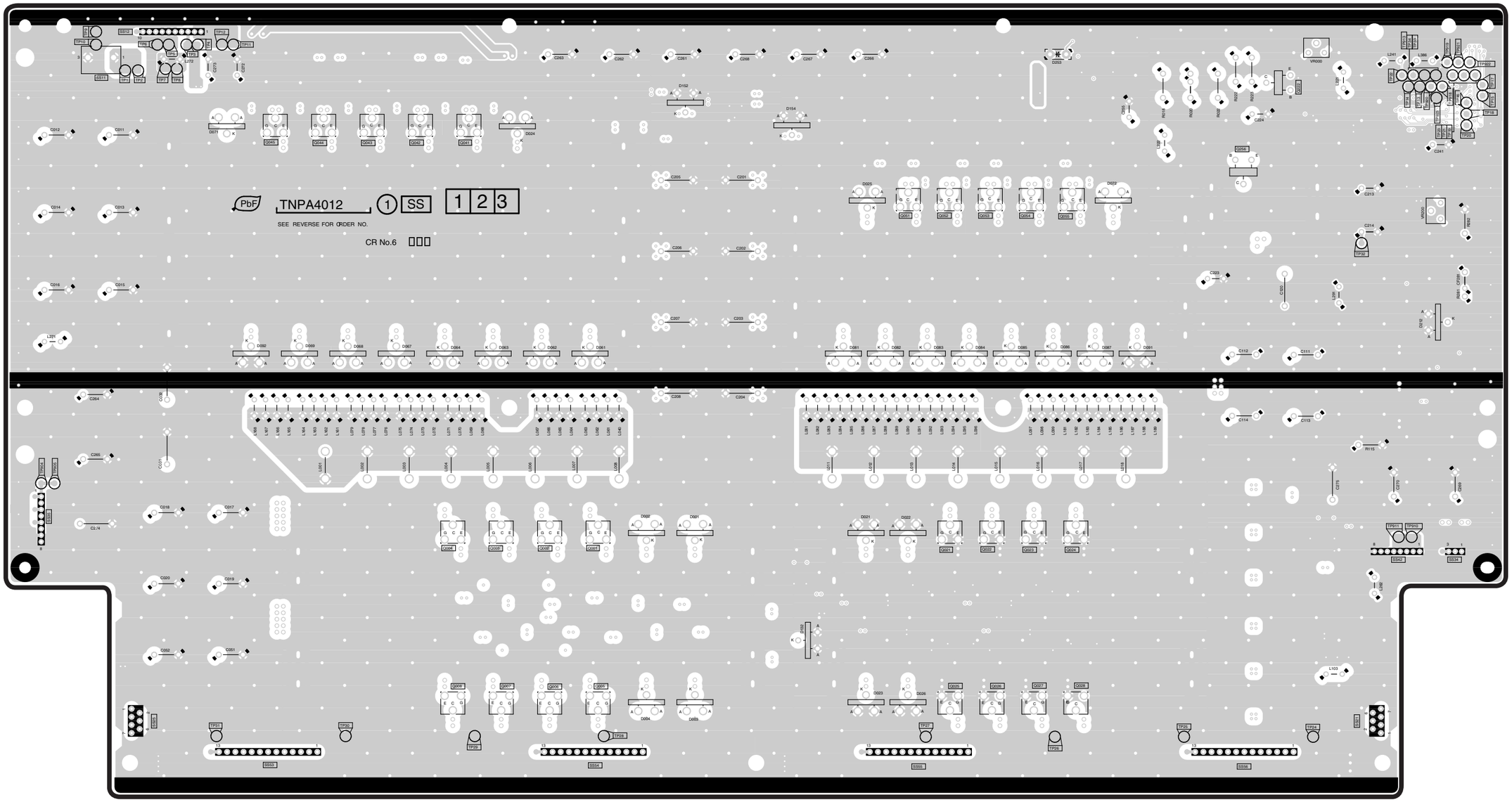


TH-65PY700AZ/H/M/MR, PZ700A
SD-BOARD TNPA4010AC

TH-65PY700AZ/H/M/MR, PZ700A
SD-BOARD TNPA4010AC

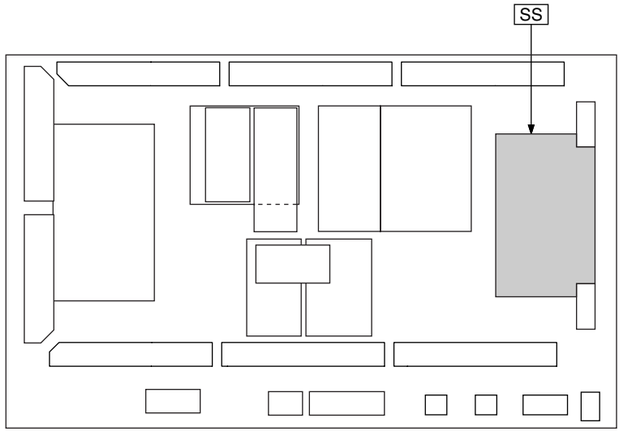
14.20. SS-Board

SS-BOARD (FOIL SIDE)
TNPA4012



TH-65PY700AZ/H/M/MR, PZ700A
SS-BOARD TNPA4012

TH-65PY700AZ/H/M/MR, PZ700A
SS-BOARD TNPA4012



Parts Location

SS-BOARD (FOIL SIDE)

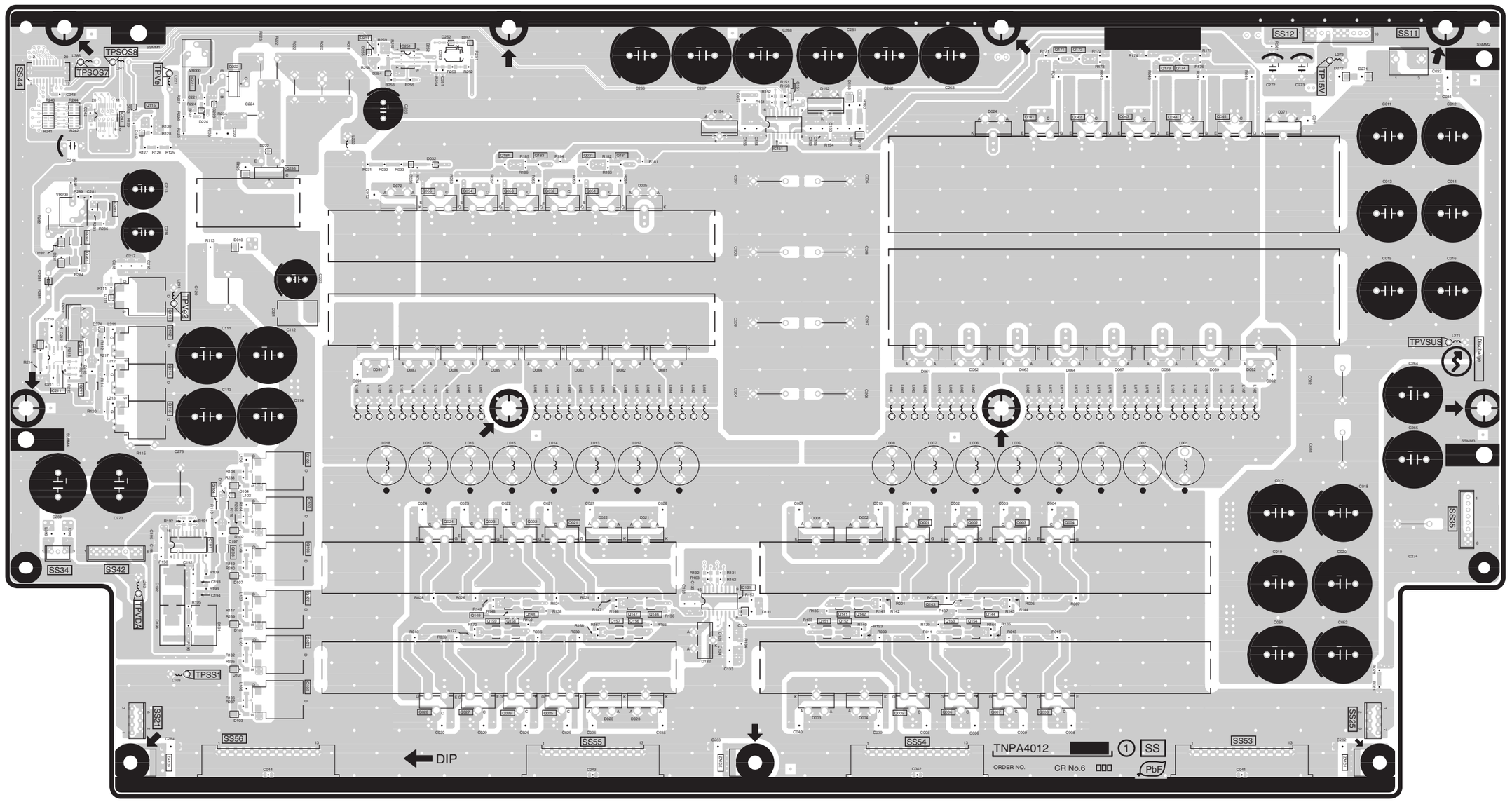
TRANSISTOR		TP		TP6904	A-3
Q6001	D-2	TP1	A-5	TP6905	A-3
Q6002	D-2	TP2	A-5	TP6910	I-2
Q6003	C-2	TP3	B-5	TP6911	I-2
Q6004	C-2	TP4	B-5	TP6913	I-5
Q6005	D-2	TP5	B-5	TP6918	I-5
Q6006	D-2	TP6	A-5	TP6919	I-5
Q6007	C-2	TP7	B-5	TP6920	I-5
Q6008	C-2	TP8	B-5	TP6921	I-5
Q6021	F-2	TP9	A-5	TP6922	I-5
Q6022	F-2	TP10	A-5	TP6923	I-5
Q6023	G-2	TP11	B-5	**VOLUME**	
Q6024	G-2	TP12	B-5	VR6000	H-5
Q6025	F-2	TP13	I-5	VR6200	I-4
Q6026	F-2	TP14	I-5		
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		

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	**VOLUME**	
		Q6022	D-3	Q6153	F-2	VR6000	B-5
		Q6023	C-3	Q6154	F-2	VR6200	A-4
		Q6024	C-3	Q6156	D-2		
		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				

SS-BOARD (COMPONENT SIDE)
TNPA4012

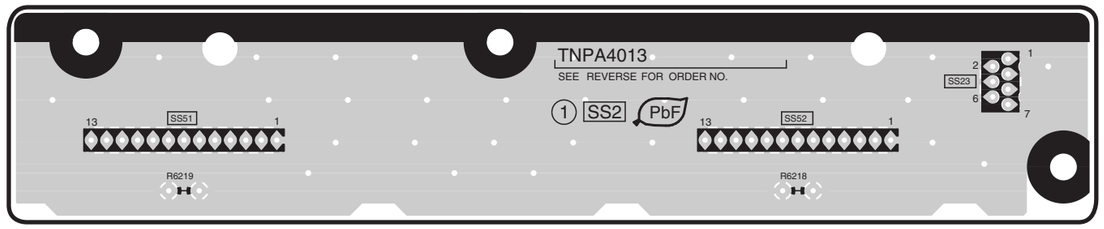


TH-65PY700AZ/H/M/MR, PZ700A
SS-BOARD TNPA4012

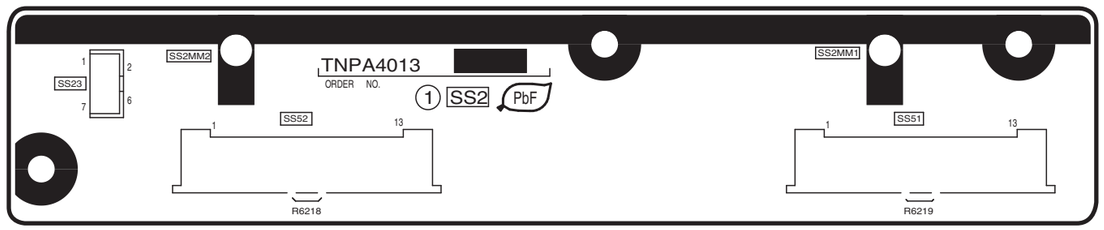
TH-65PY700AZ/H/M/MR, PZ700A
SS-BOARD TNPA4012

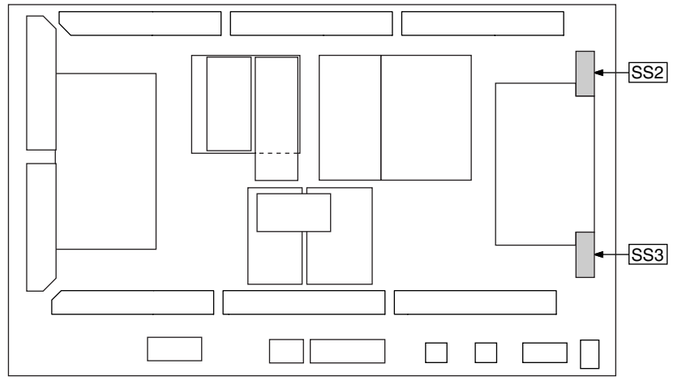
14.21. SS2 and SS3-Board

SS2-BOARD (FOIL SIDE)
TNPA4013

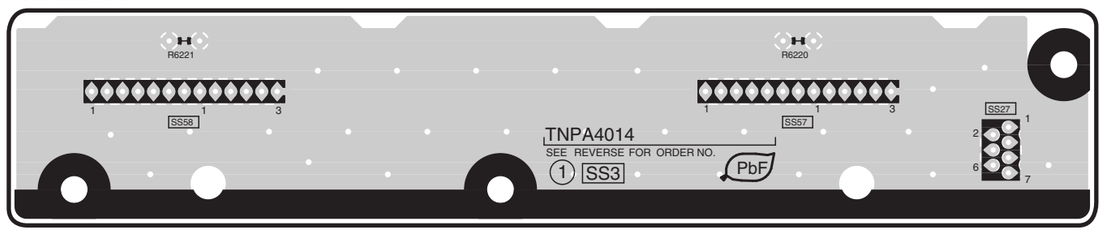


SS2-BOARD (COMPONENT SIDE)
TNPA4013

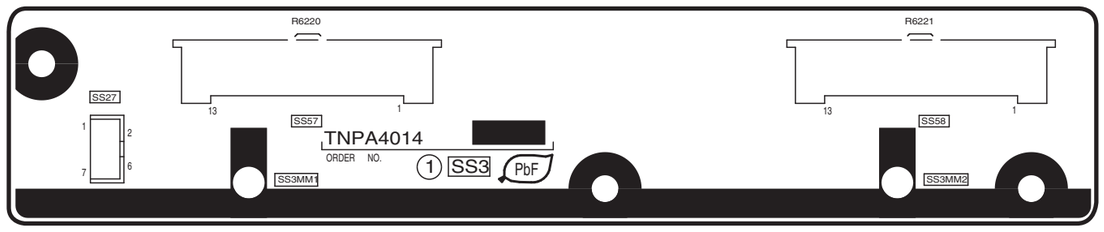




SS3-BOARD (FOIL SIDE)
TNPA4014



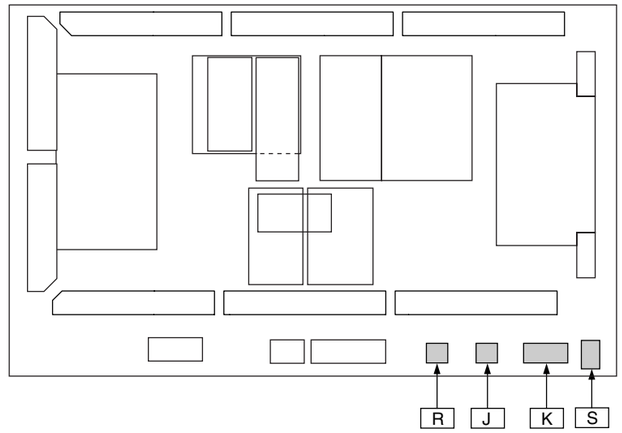
SS3-BOARD (COMPONENT SIDE)
TNPA4014



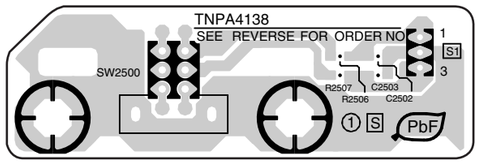
TH-65PY700AZ/H/M/MR, PZ700A
SS2-BOARD TNPA4013 SS3-BOARD TNPA4014

TH-65PY700AZ/H/M/MR, PZ700A
SS2-BOARD TNPA4013 SS3-BOARD TNPA4014

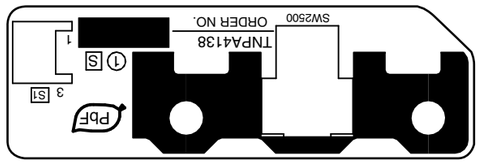
14.22. J,K,R and S-Board



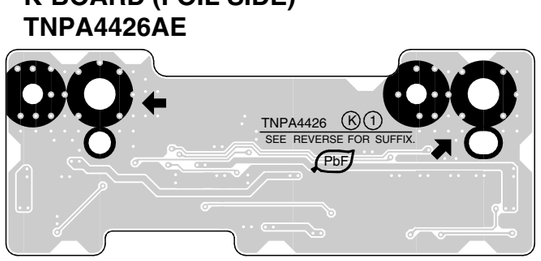
S-BOARD (FOIL SIDE)
TNPA4138AD



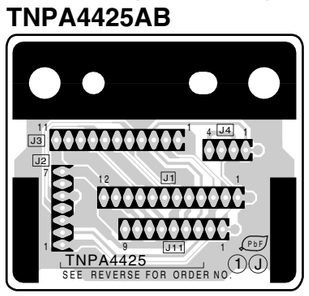
S-BOARD (COMPONENT SIDE)
TNPA4138AD



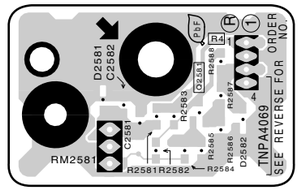
K-BOARD (FOIL SIDE)
TNPA4426AE



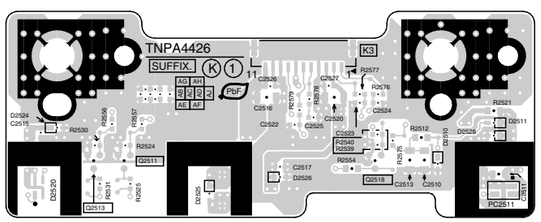
J-BOARD (FOIL SIDE)
TNPA4425AB



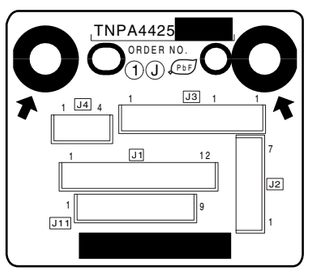
R-BOARD (FOIL SIDE)
TNPA4069



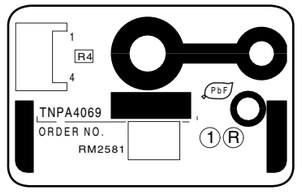
K-BOARD (COMPONENT SIDE)
TNPA4426AE



J-BOARD (COMPONENT SIDE)
TNPA4425AB



R-BOARD (COMPONENT SIDE)
TNPA4069



TH-65PY700AZ/H/M/MR, PZ700A
R-BOARD TNPA4069
J-BOARD TNPA4425AB
S-BOARD TNPA4138AD
K-BOARD TNPA4426AE

TH-65PY700AZ/H/M/MR, PZ700A
R-BOARD TNPA4069
J-BOARD TNPA4425AB
S-BOARD TNPA4138AD
K-BOARD TNPA4426AE

15 Schematic and Block Diagram

15.1. Schematic Diagram Note

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:

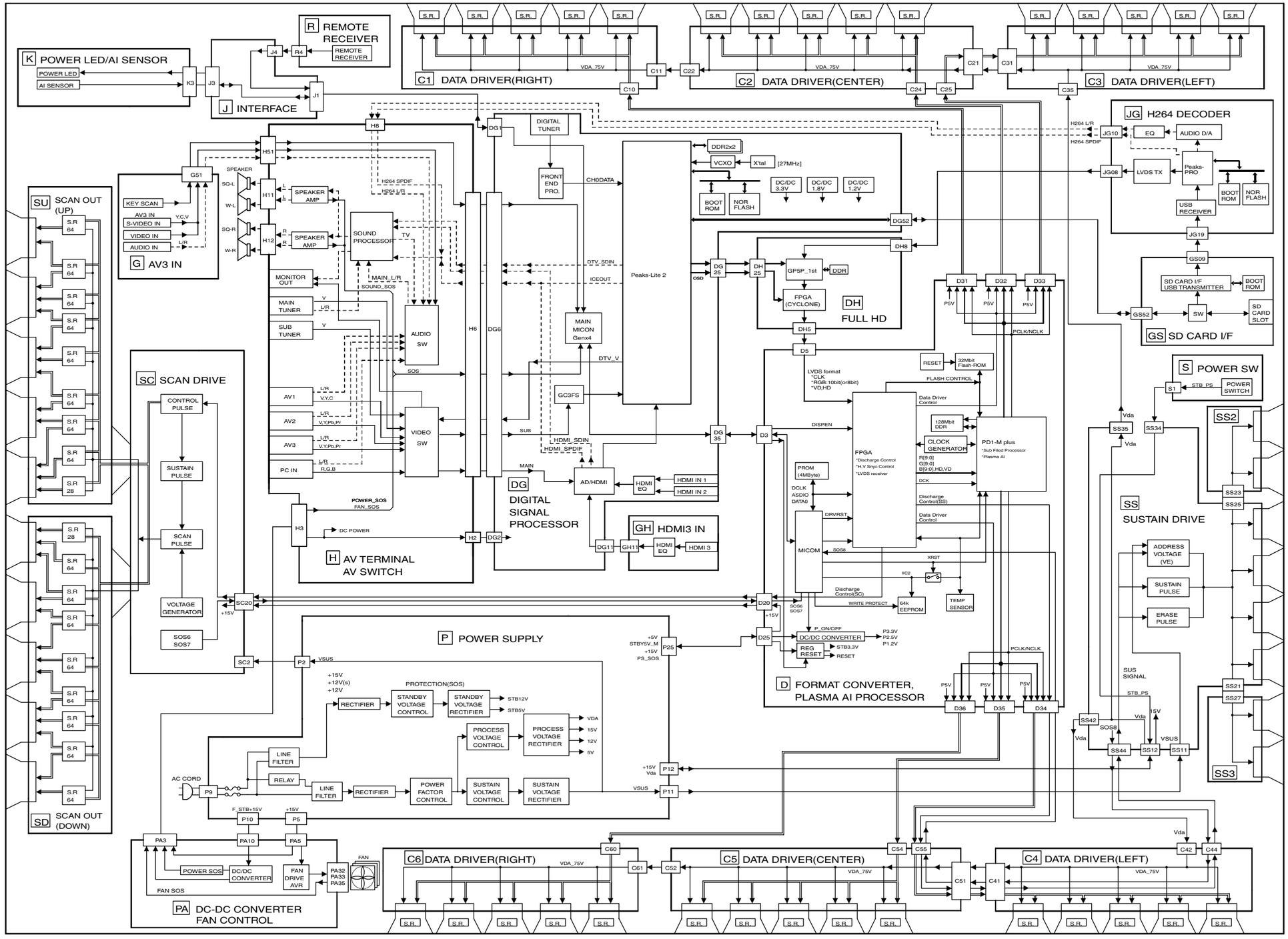
1. **Resistor**
   Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
   Unit of capacitance is μF, unless otherwise noted.
3. Coil
   Unit of inductance is H, unless otherwise noted.
4. Test Point
   ⚲ : Test Point position
5. Earth Symbol
   ⏚ : Chassis Earth (Cold) ⏚ : Line Earth (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-65PY700AZ/H/M/MR, PZ700A
Schematic Diagram Notes

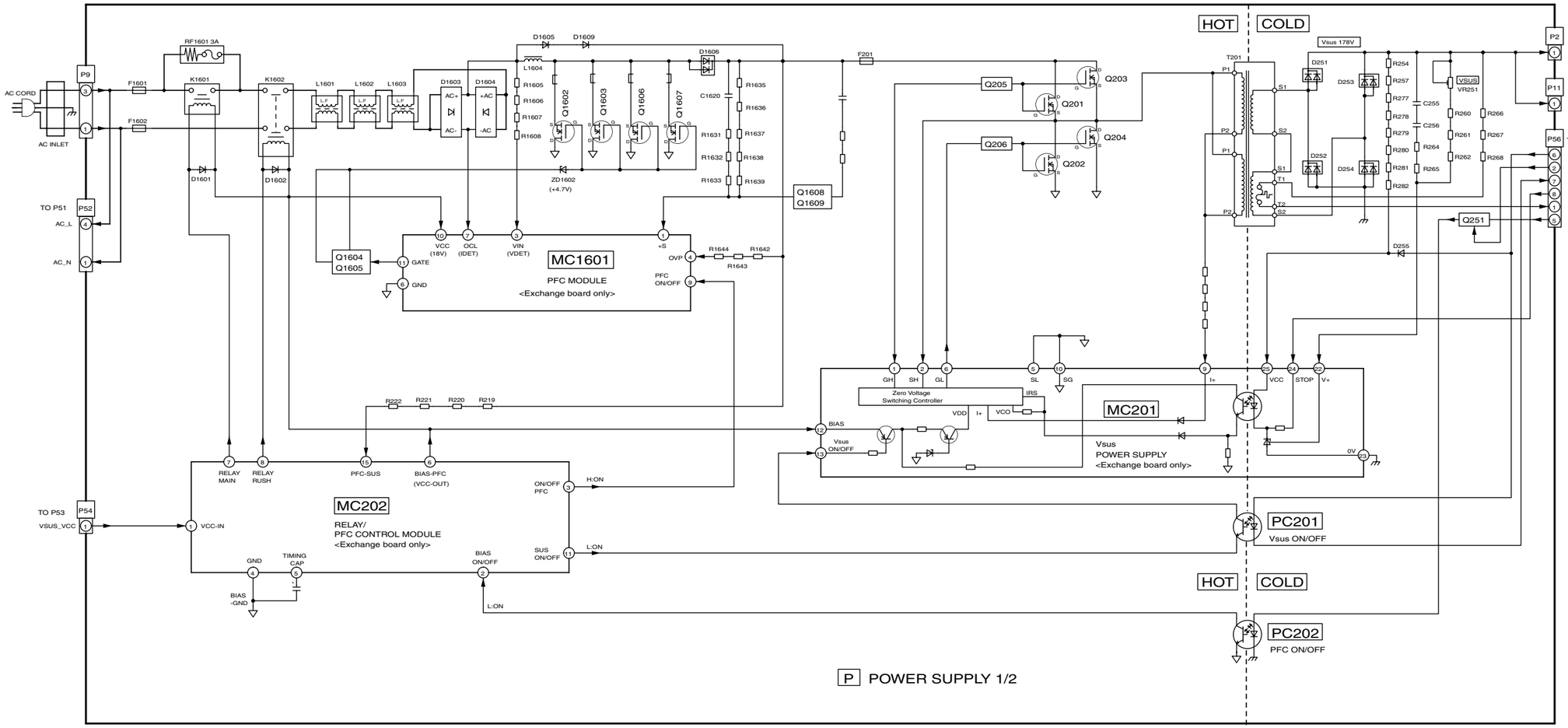
15.2. Main Block Diagram



TH-65PY700AZA/H/M/MR, PZ700A
Main Block Diagram

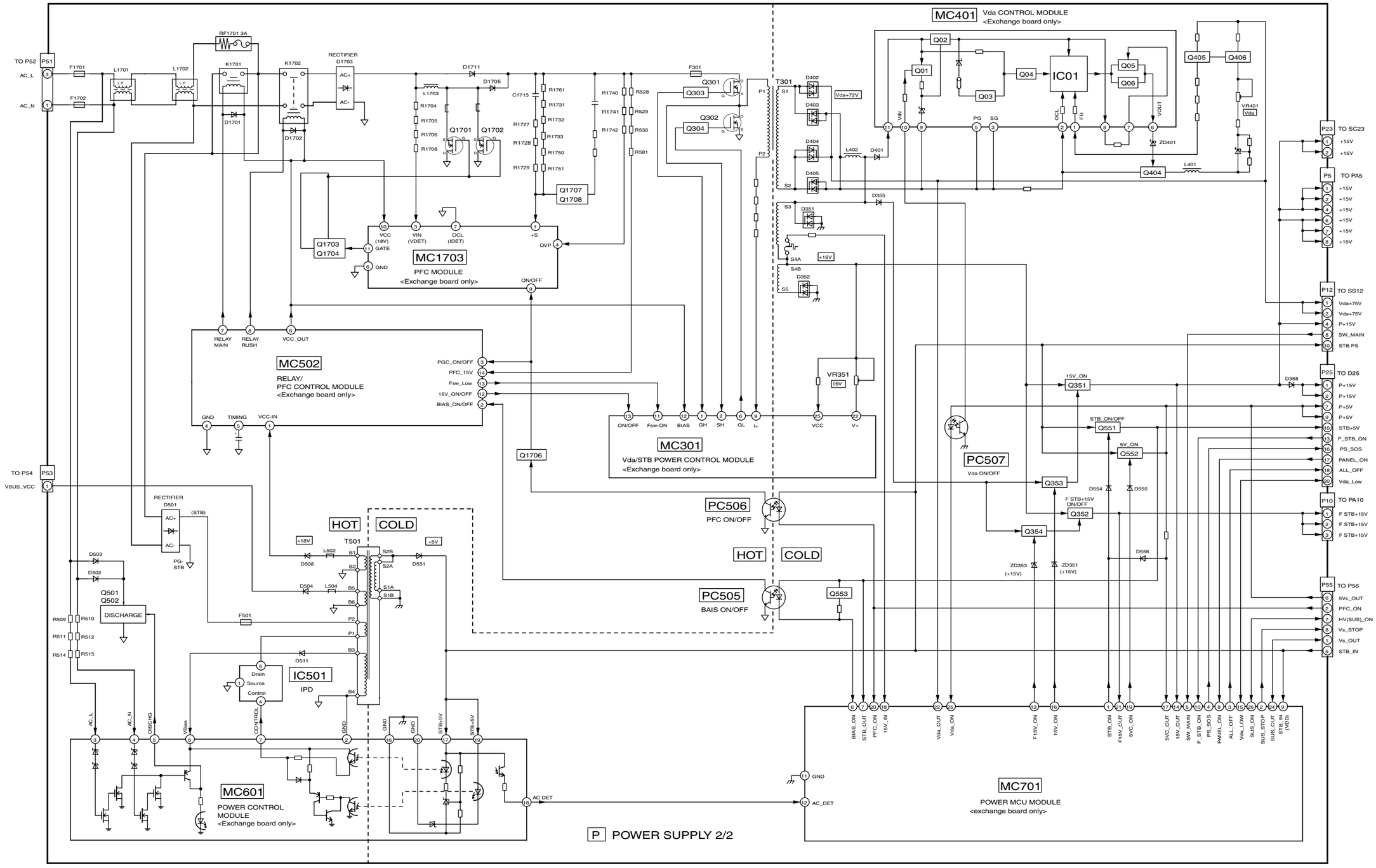
TH-65PY700AZA/H/M/MR, PZ700A
Main Block Diagram

15.3. P-Board (1 of 2) Block Diagram



TH-65PY700AZ/H/M/MR, PZ700A
P-Board (1 of 2) Block Diagram

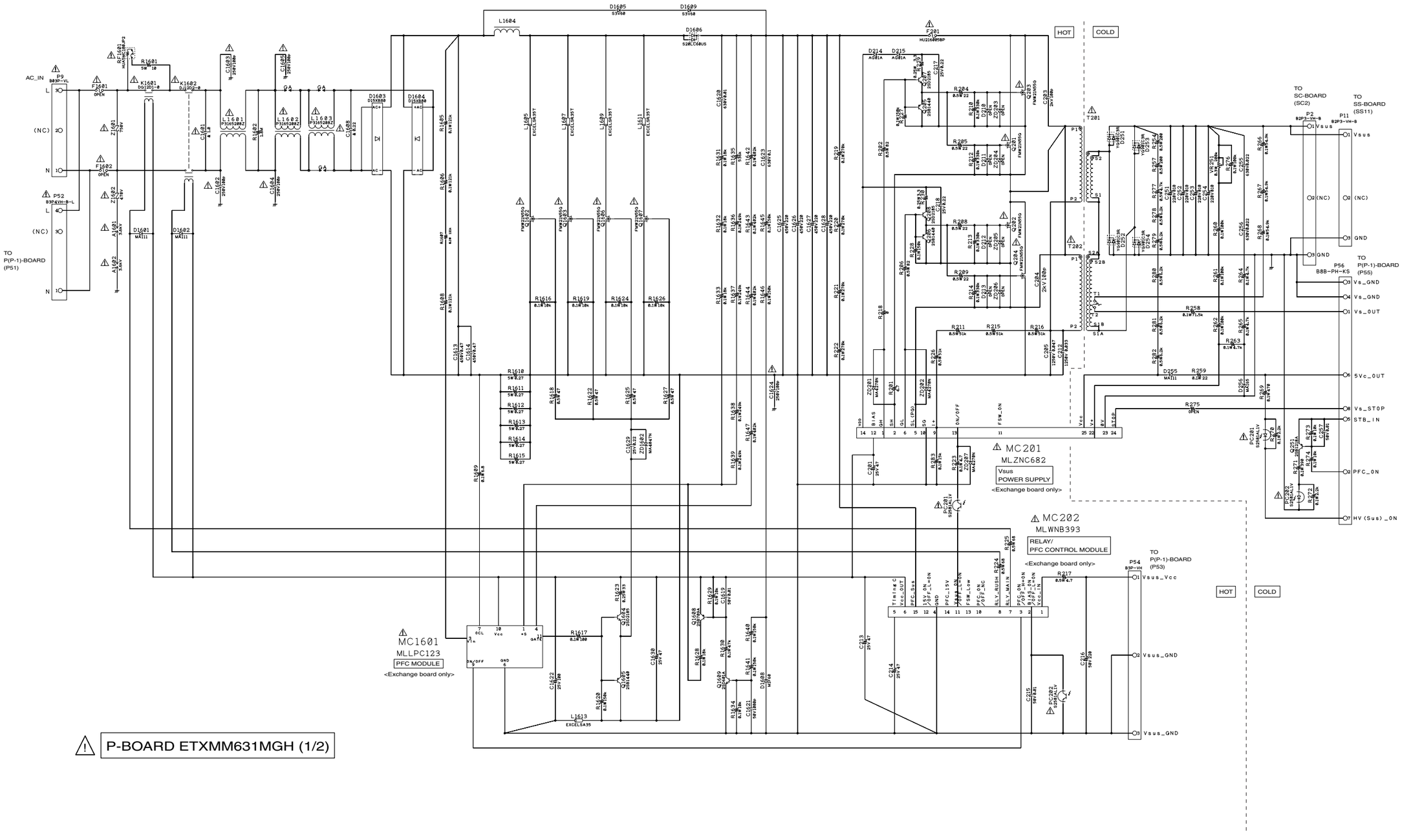
15.4. P-Board (2 of 2) Block Diagram



TH-65PY700AZ/H/M/MR, PZ700A
P-Board (2 of 2) Block Diagram

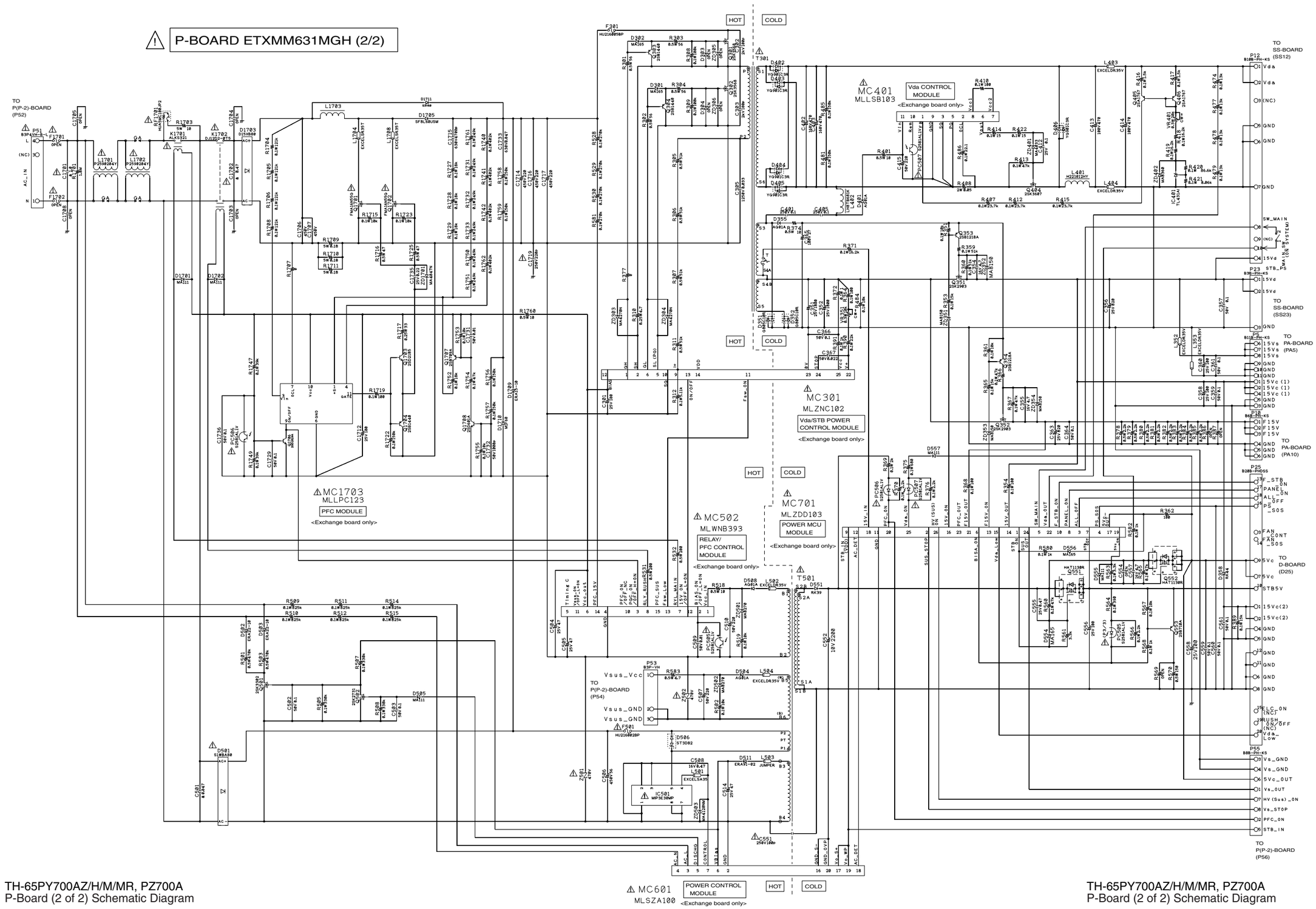
TH-65PY700AZ/H/M/MR, PZ700A
P-Board (2 of 2) Block Diagram

15.5. P-Board (1 of 2) Schematic Diagram



TH-65PY700AZ/H/M/MR, PZ700A
P-Board (1 of 2) Schematic Diagram

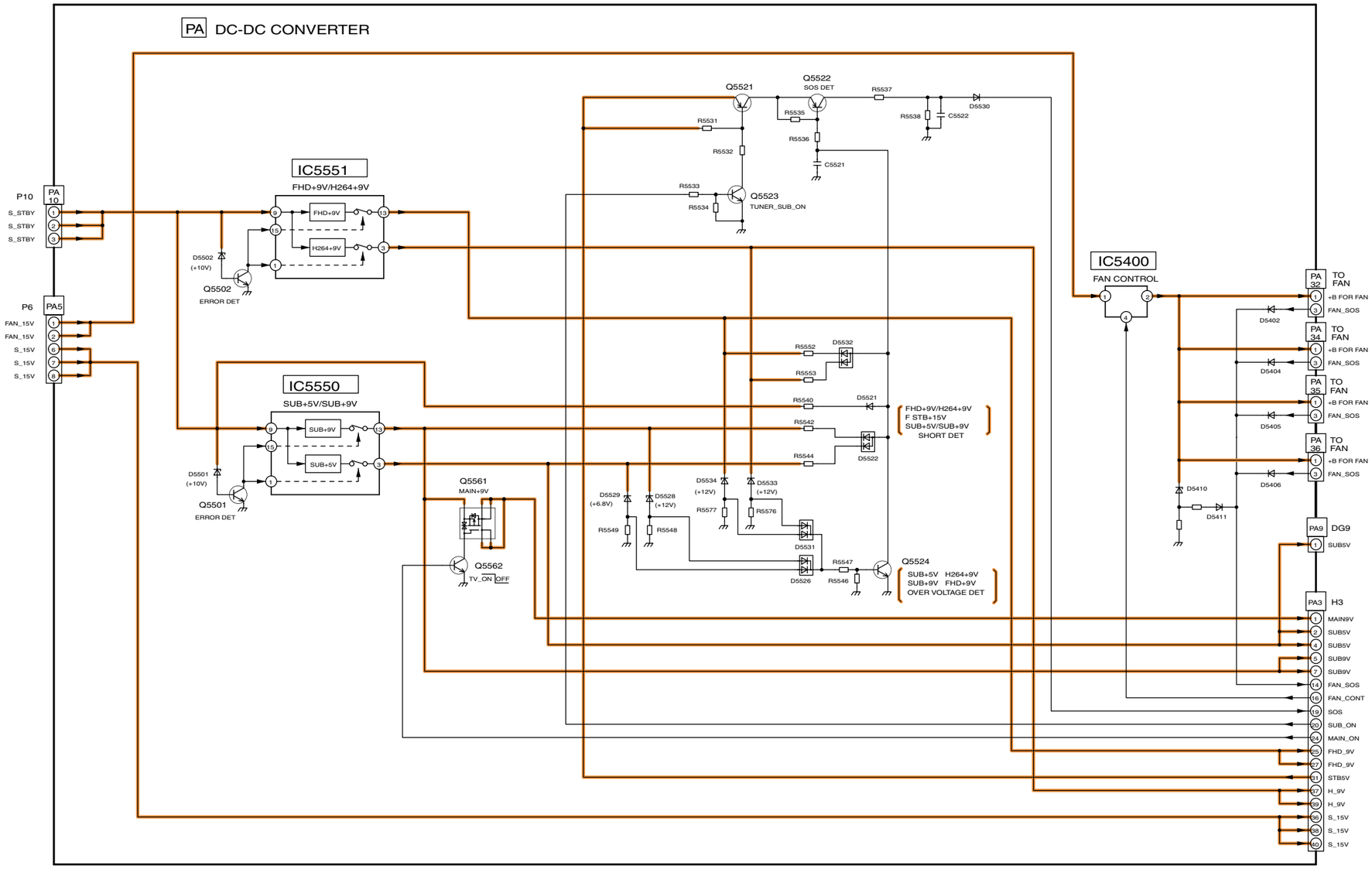
15.6. P-Board (2 of 2) Schematic Diagram



TH-65PY700AZ/H/M/MR, PZ700A
P-Board (2 of 2) Schematic Diagram

TH-65PY700AZ/H/M/MR, PZ700A
P-Board (2 of 2) Schematic Diagram

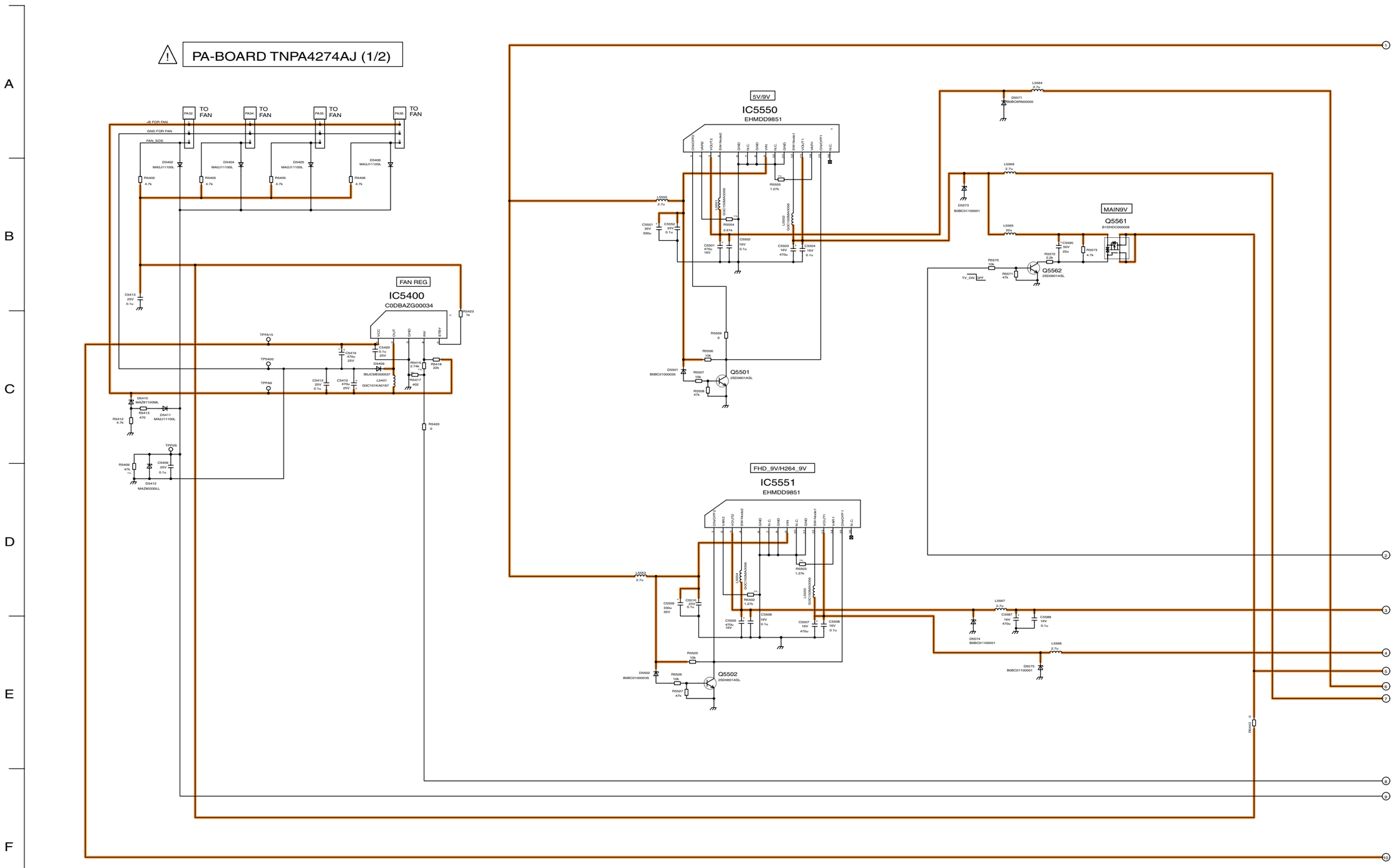
15.7. PA-Board Block Diagram



TH-65PY700AZ/H/M/MR, PZ700A
PA-Board Block Diagram

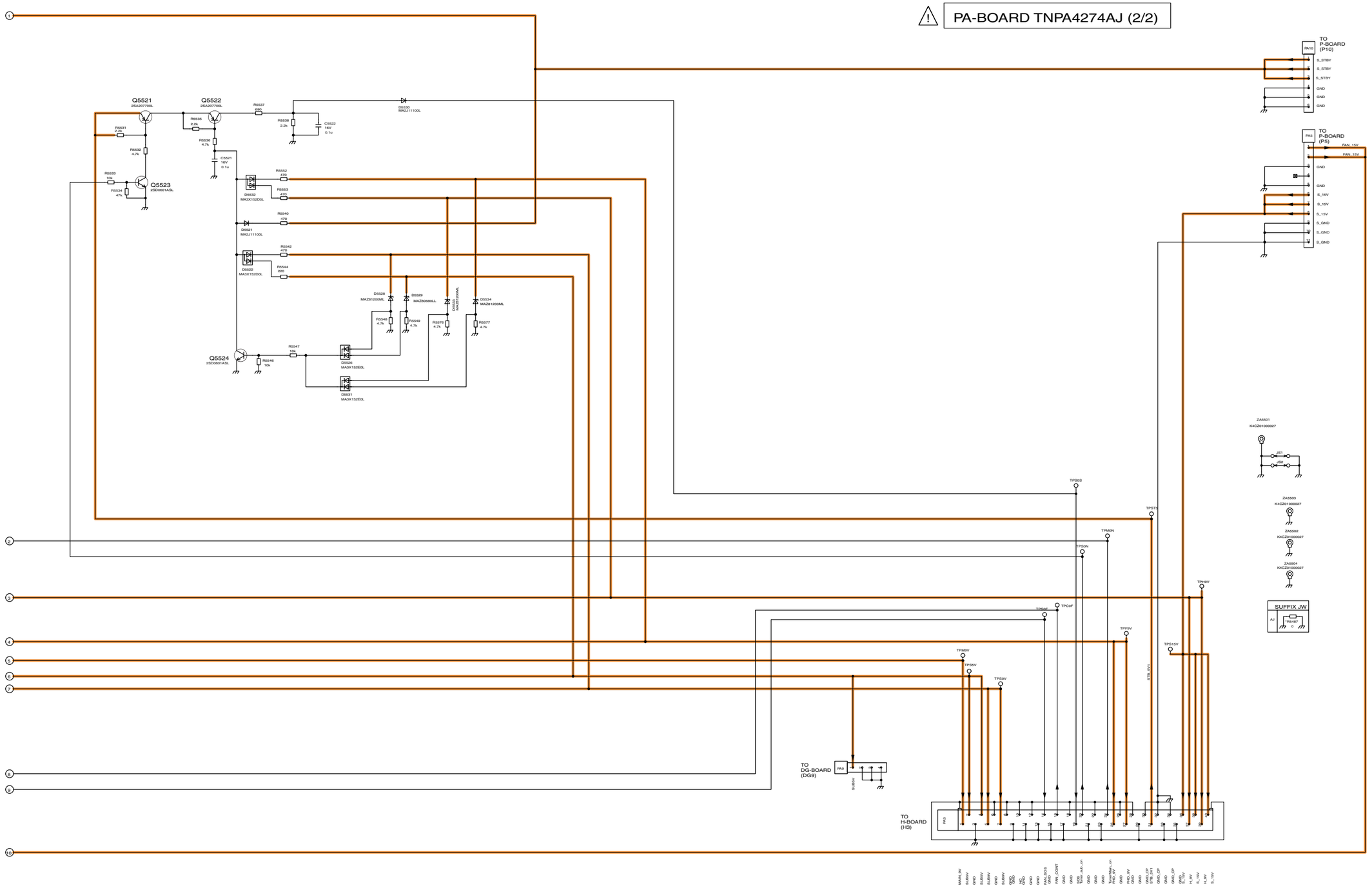
TH-65PY700AZ/H/M/MR, PZ700A
PA-Board Block Diagram

15.8. PA-Board (1 of 2) Schematic Diagram



TH-65PY700AZ/H/M/MR, PZ700A
PA-Board (1 of 2) Schematic Diagram

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

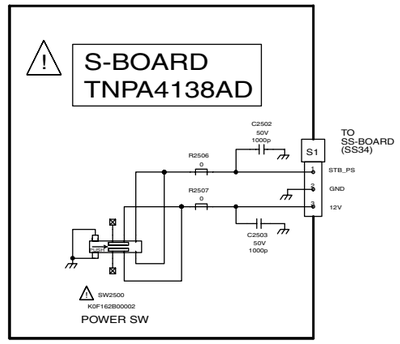


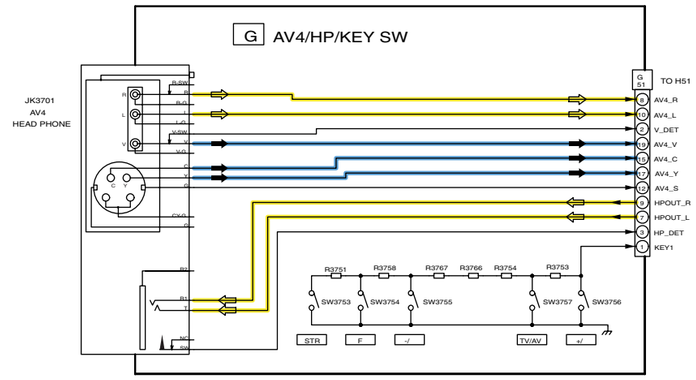
TH-65PY700AZ/H/M/MR, PZ700A
PA-Board (2 of 2) Schematic Diagram

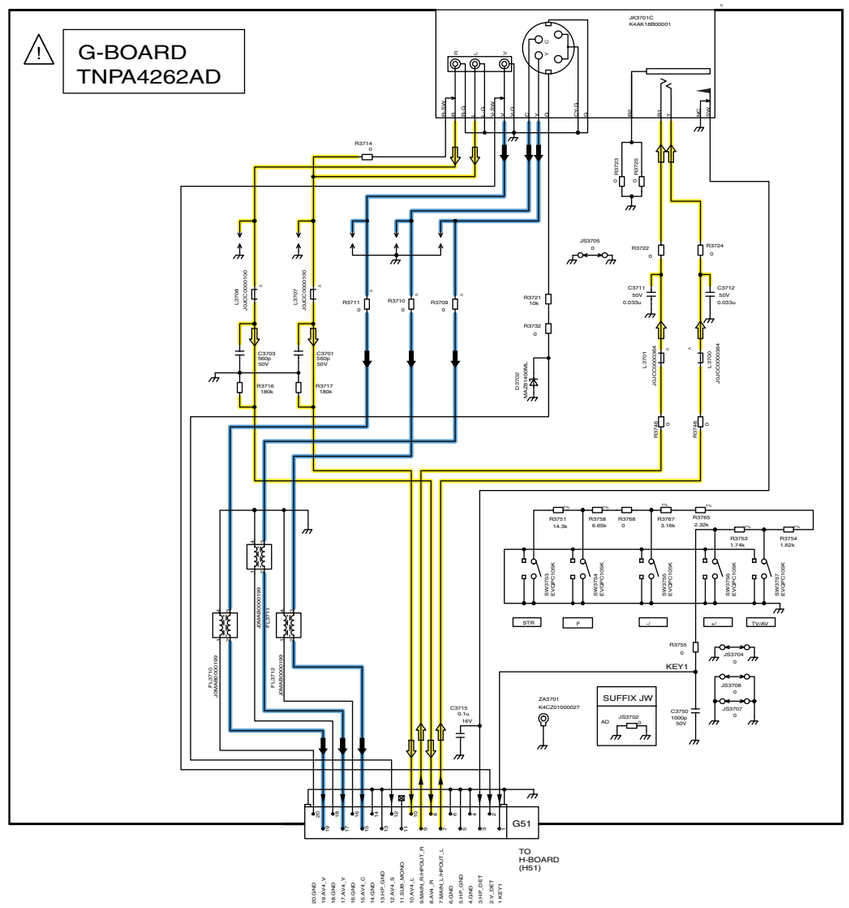
TH-65PY700AZ/H/M/MR, PZ700A
PA-Board (2 of 2) Schematic Diagram

10 11 12 13 14 15 16 17 18

15.10. G, and S-Board Schematic Diagram

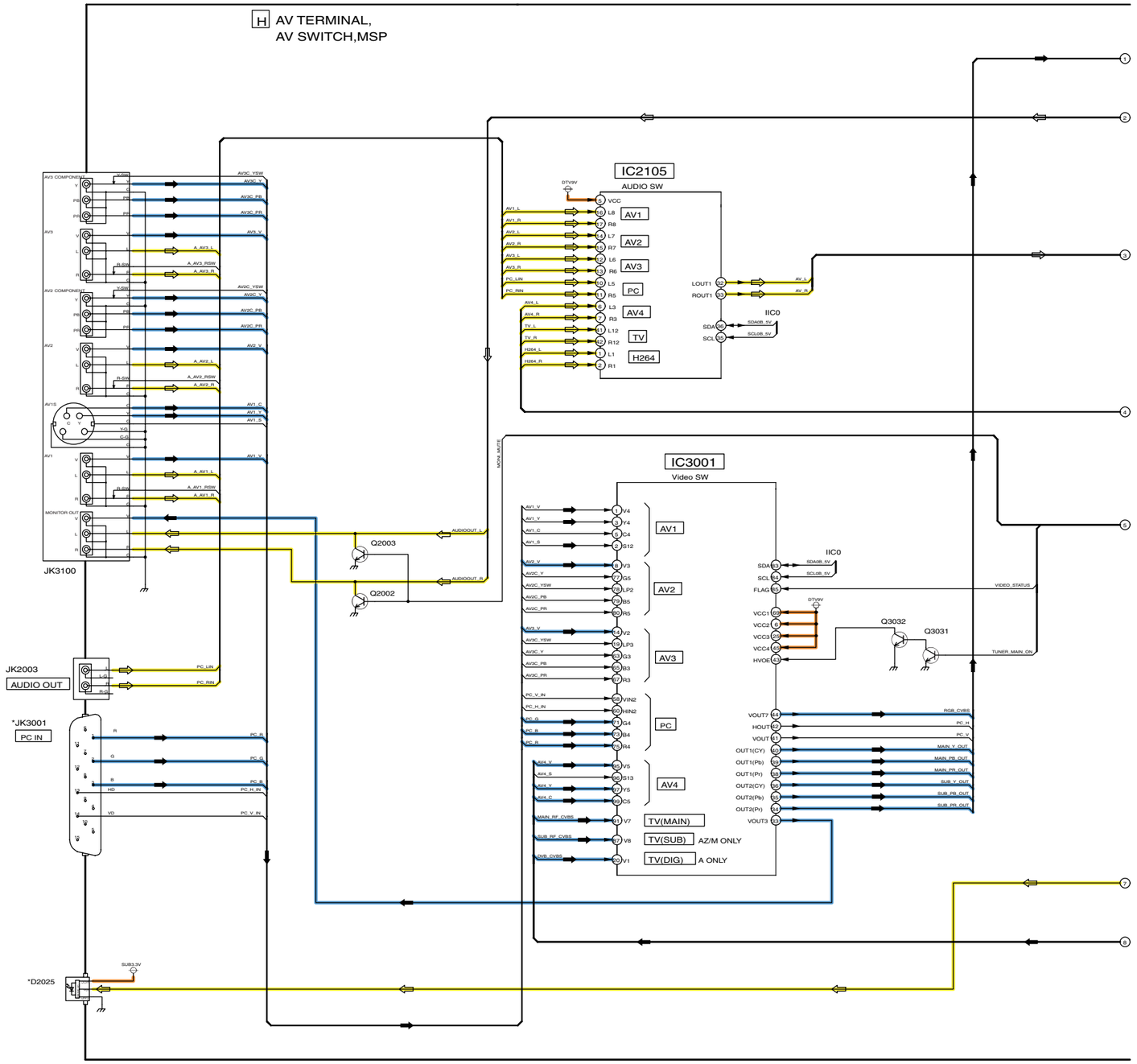






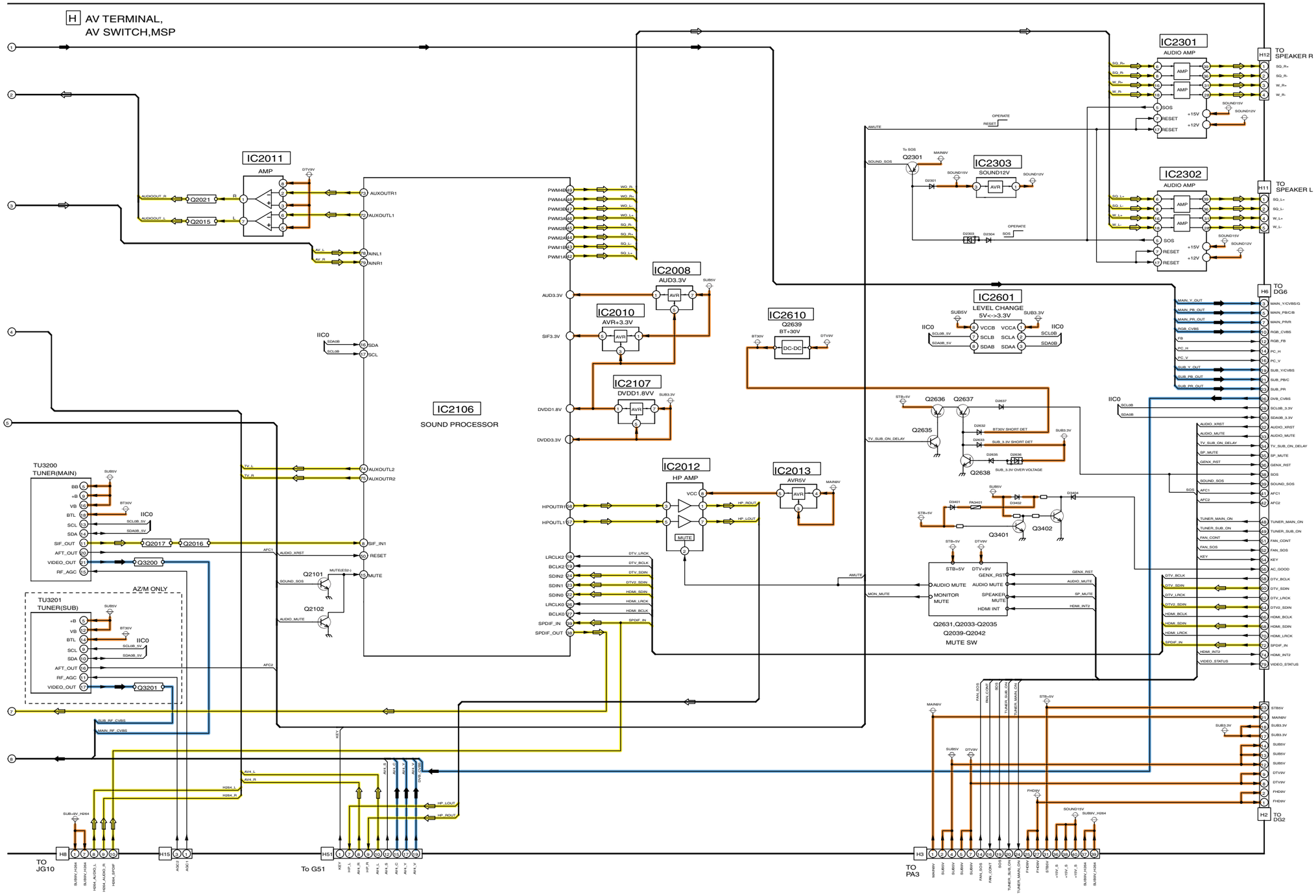
TH-65PY700AZ/H/M/MR, PZ700A
G and S-Board Schematic Diagram

15.11. H-Board (1 of 2) Block Diagram



TH-65PY700AZ/H/M/MR, PZ700A
H-Board (1 of 2) Block Diagram

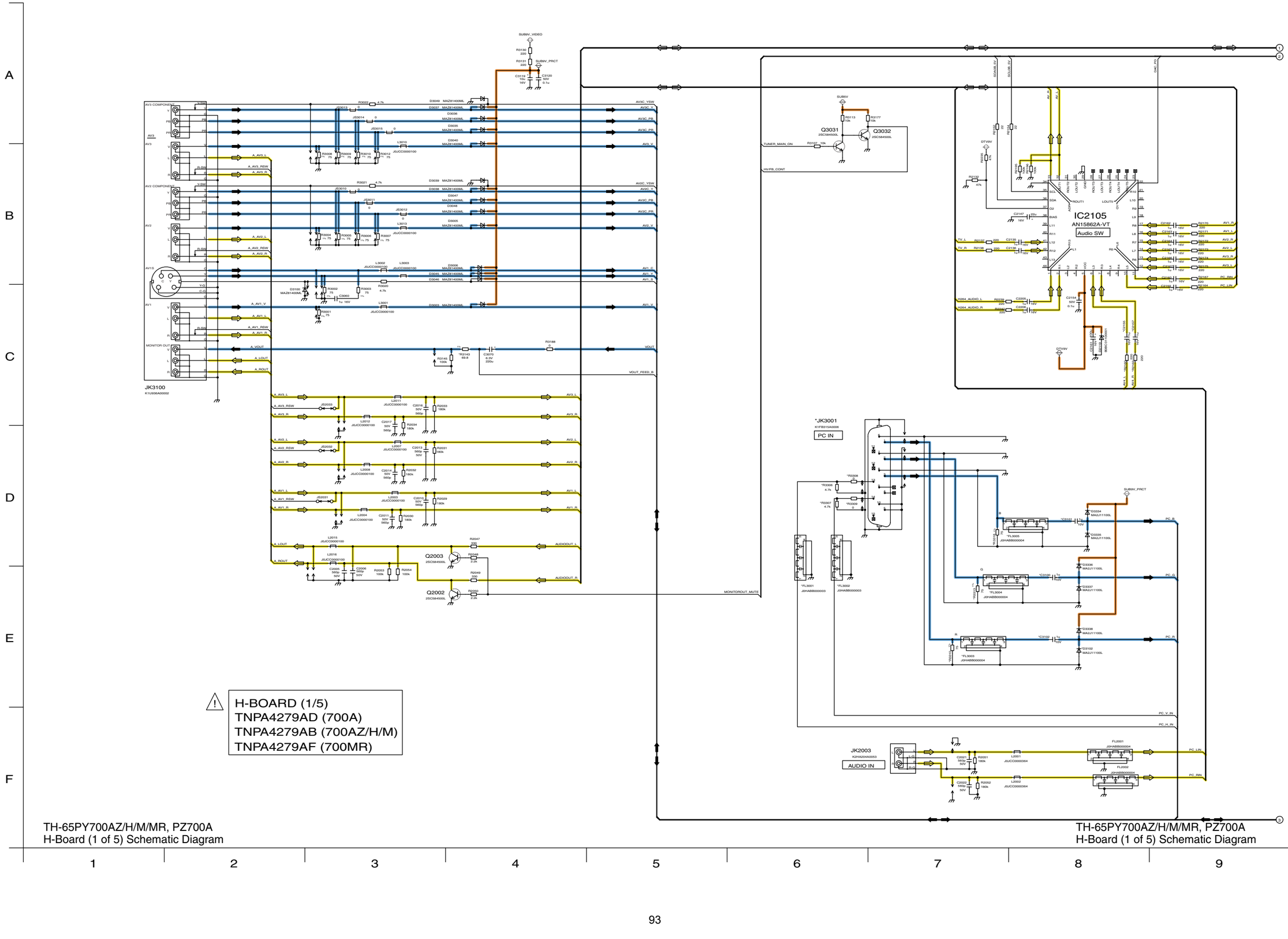
15.12. H-Board (2 of 2) Block Diagram



TH-65PY700AZ/H/M/MR, PZ700A
H-Board (2 of 2) Block Diagram

TH-65PY700AZ/H/M/MR, PZ700A
H-Board (2 of 2) Block Diagram

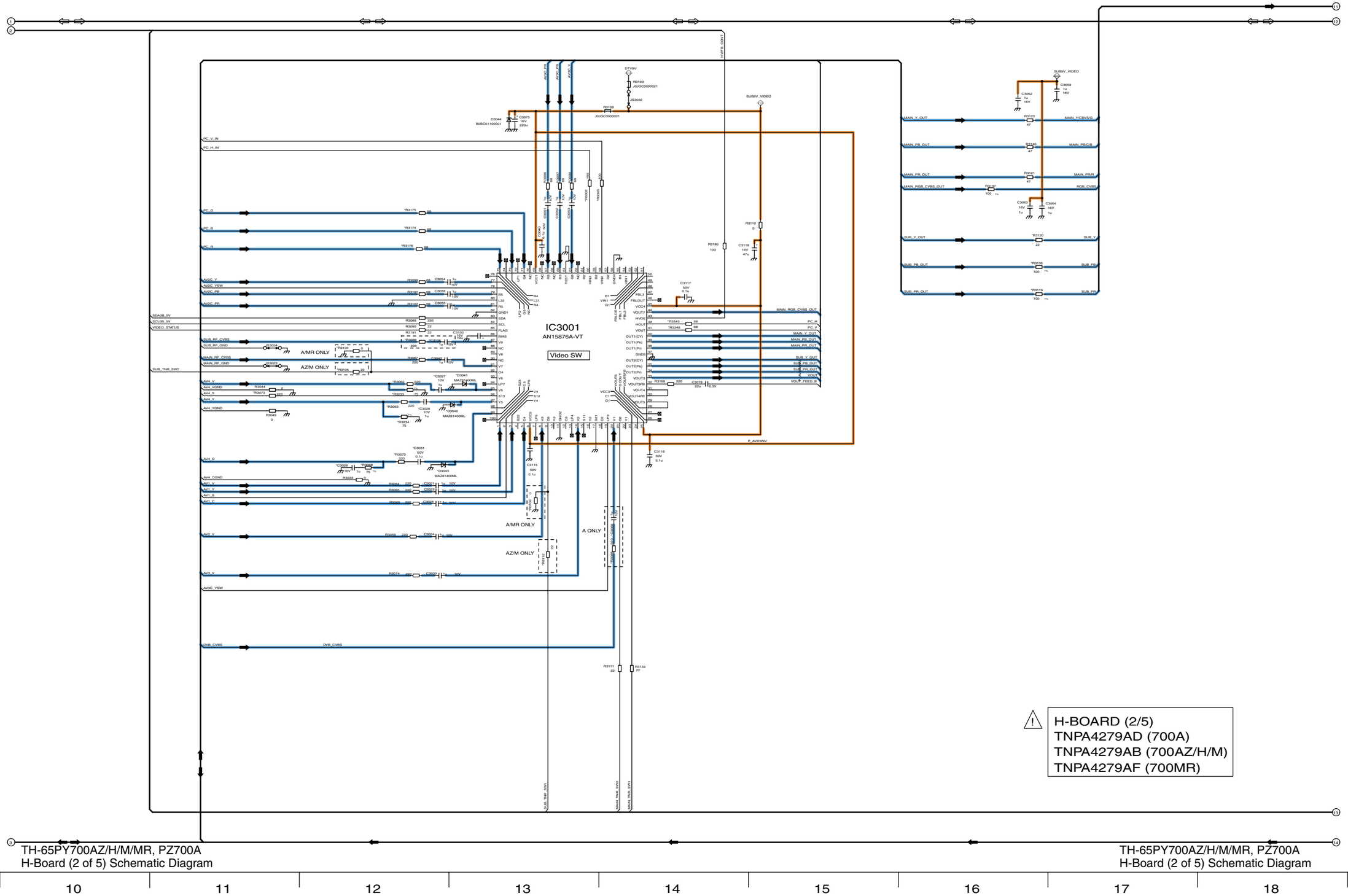
15.13. H-Board (1 of 5) Schematic Diagram



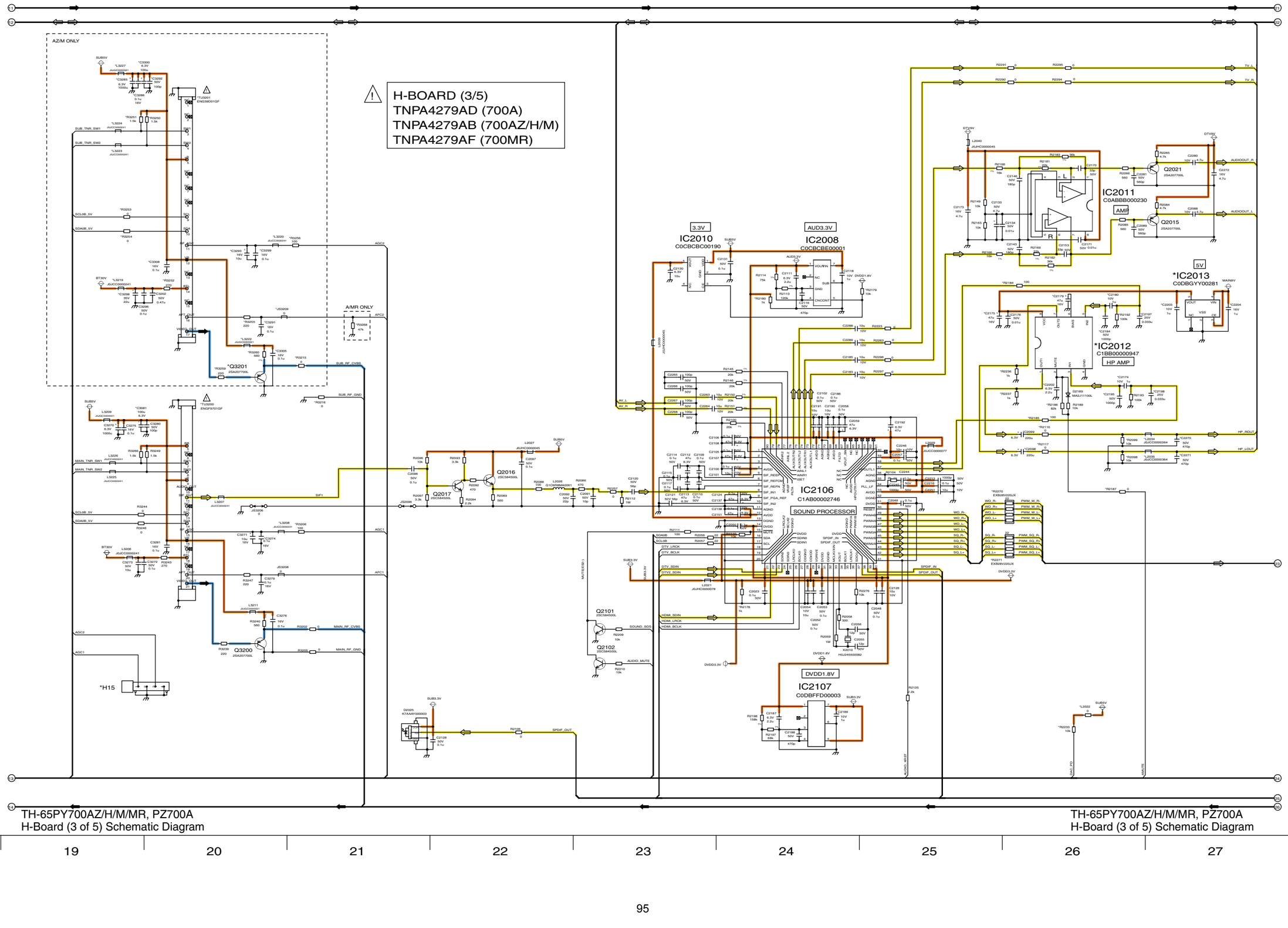
TH-65PY700AZ/H/M/MR, PZ700A
H-Board (1 of 5) Schematic Diagram

TH-65PY700AZ/H/M/MR, PZ700A
H-Board (1 of 5) Schematic Diagram

15.14. H-Board (2 of 5) Schematic Diagram

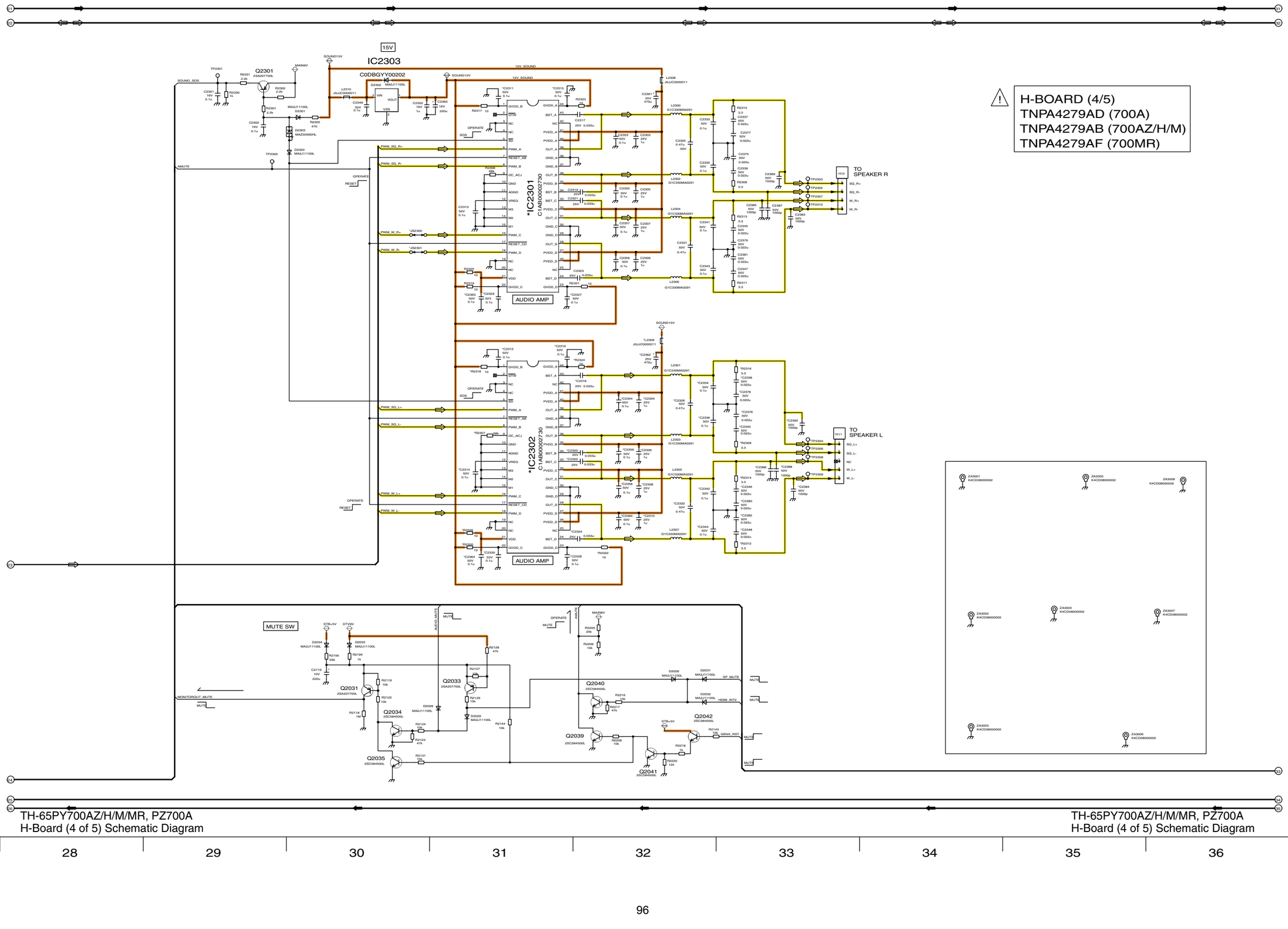


15.15. H-Board (3 of 5) Schematic Diagram

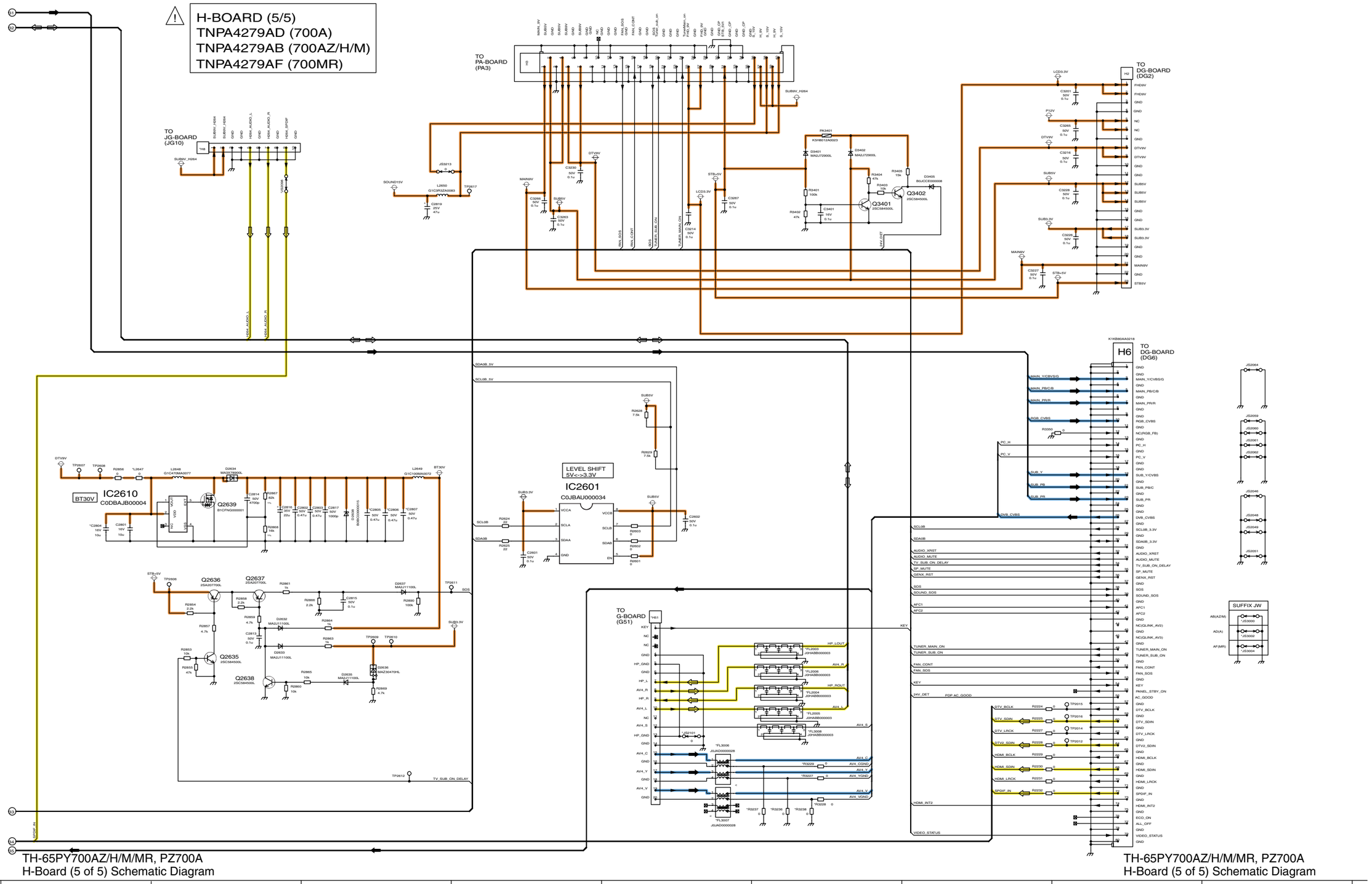


19 20 21 22 23 24 25 26 27

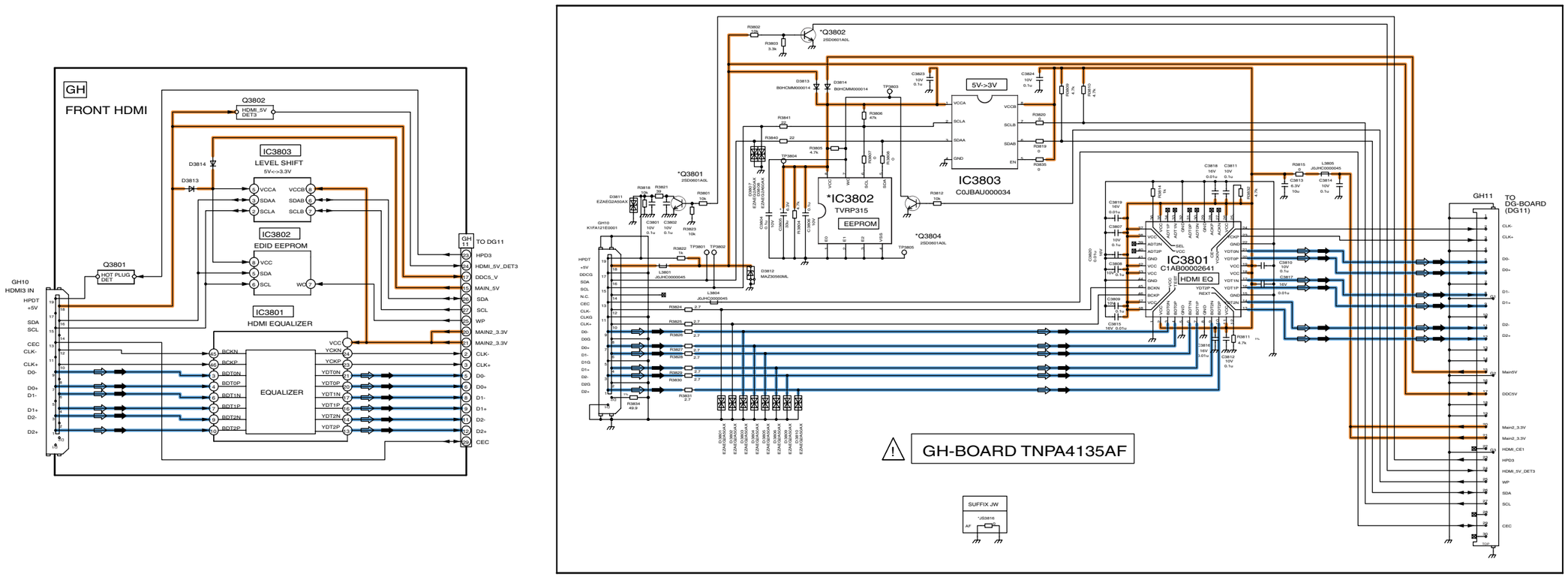
15.16. H-Board (4 of 5) Schematic Diagram



15.17. H-Board (5 of 5) Schematic Diagram



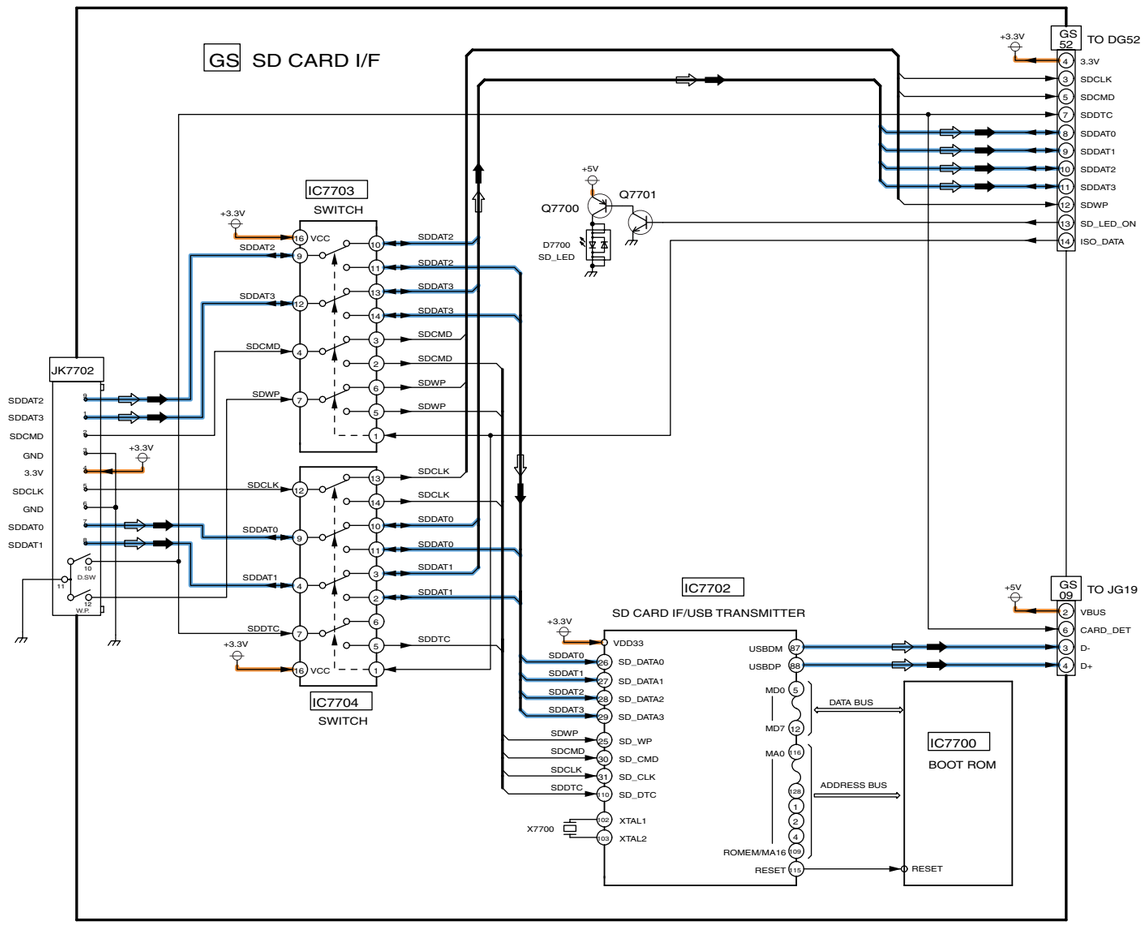
15.18. GH-Board Schematic Diagram



TH-65PY700AZ/H/M/MR, PZ700A
GH-Board Schematic Diagram

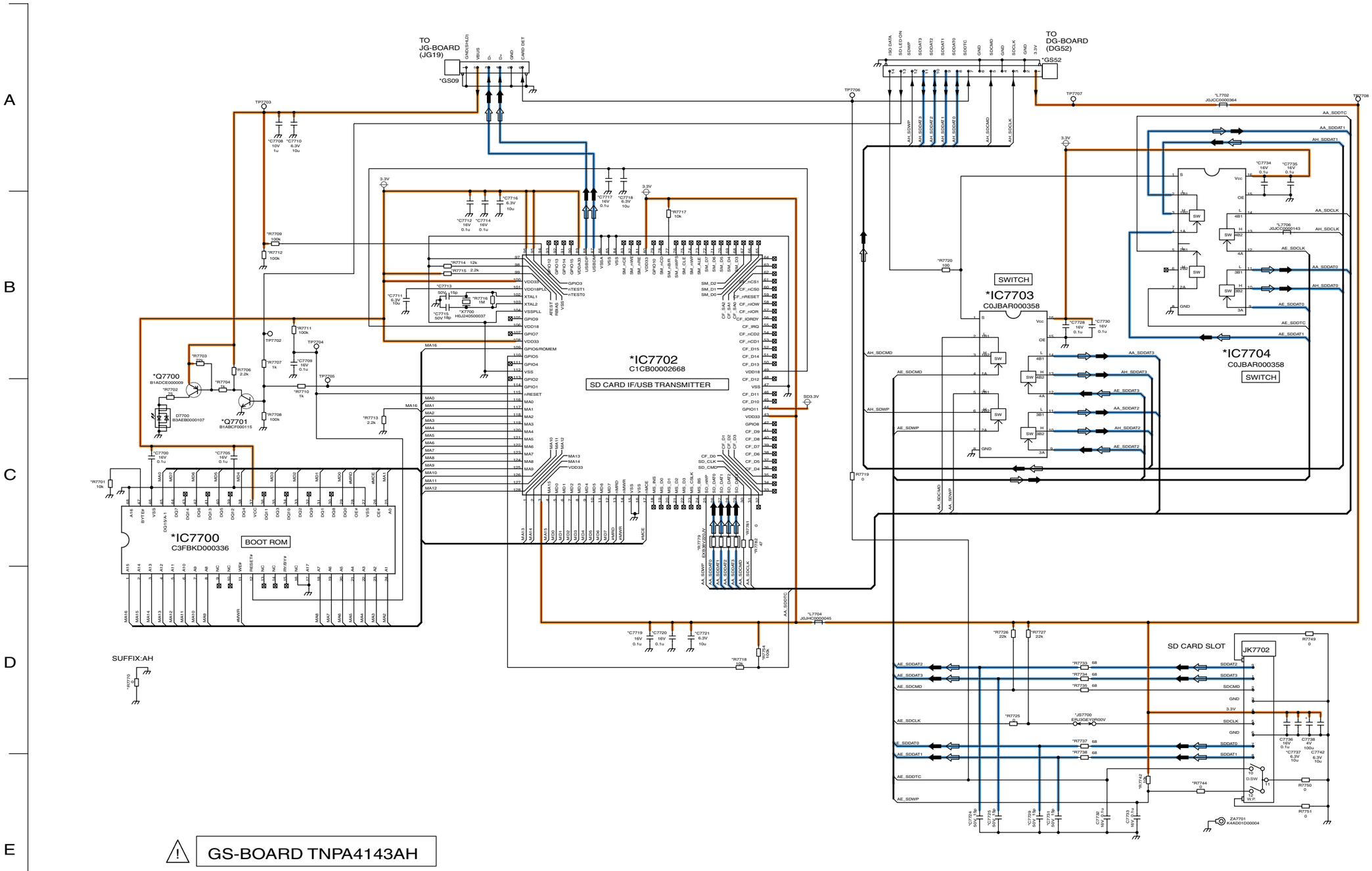
TH-65PY700AZ/H/M/MR, PZ700A
GH-Board Schematic Diagram

15.19. GS-Board Block Diagram

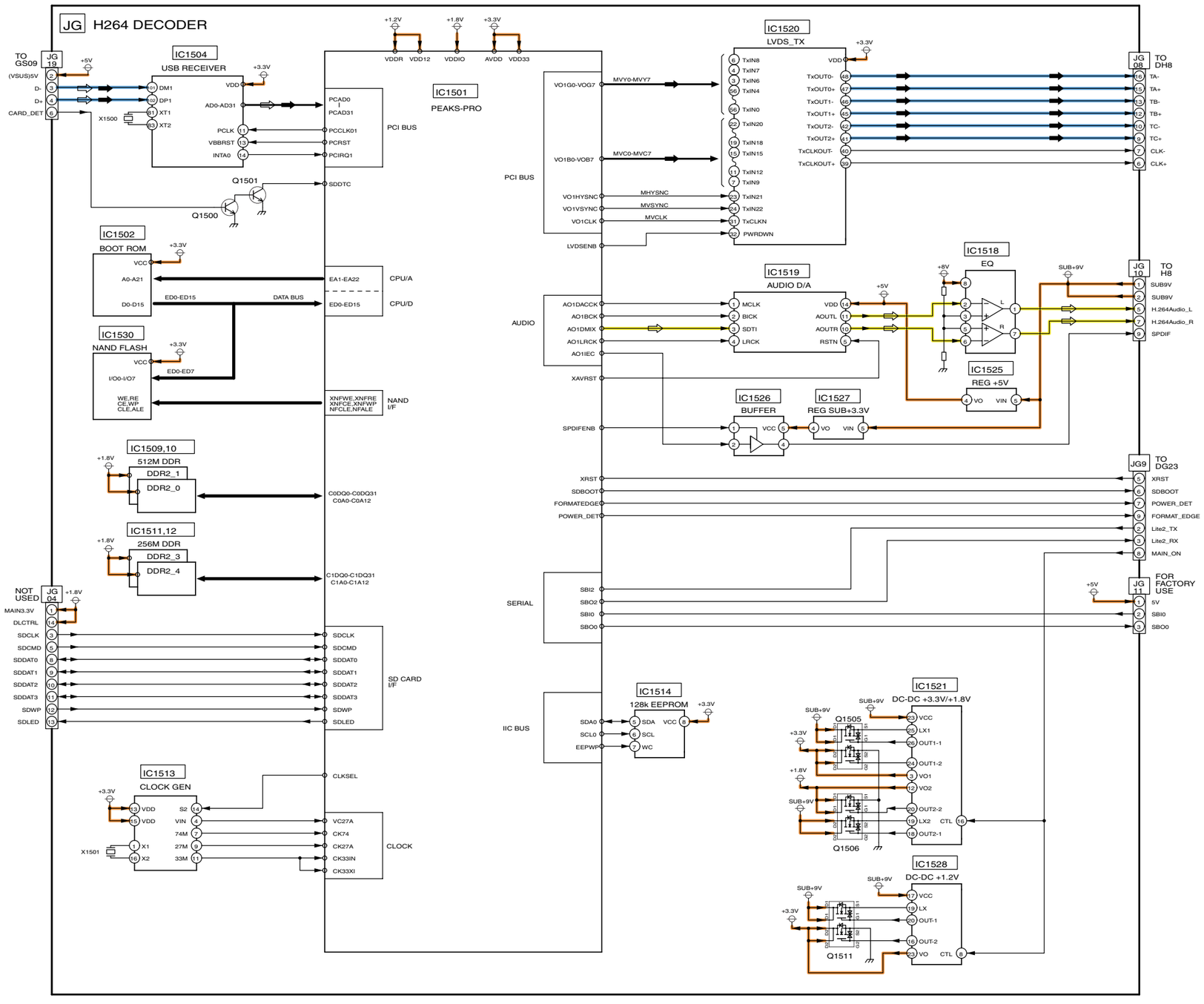


TH-65PY700AZ/H/M/MR, PZ700A
GS-Board Block Diagram

15.20. GS-Board Schematic Diagram



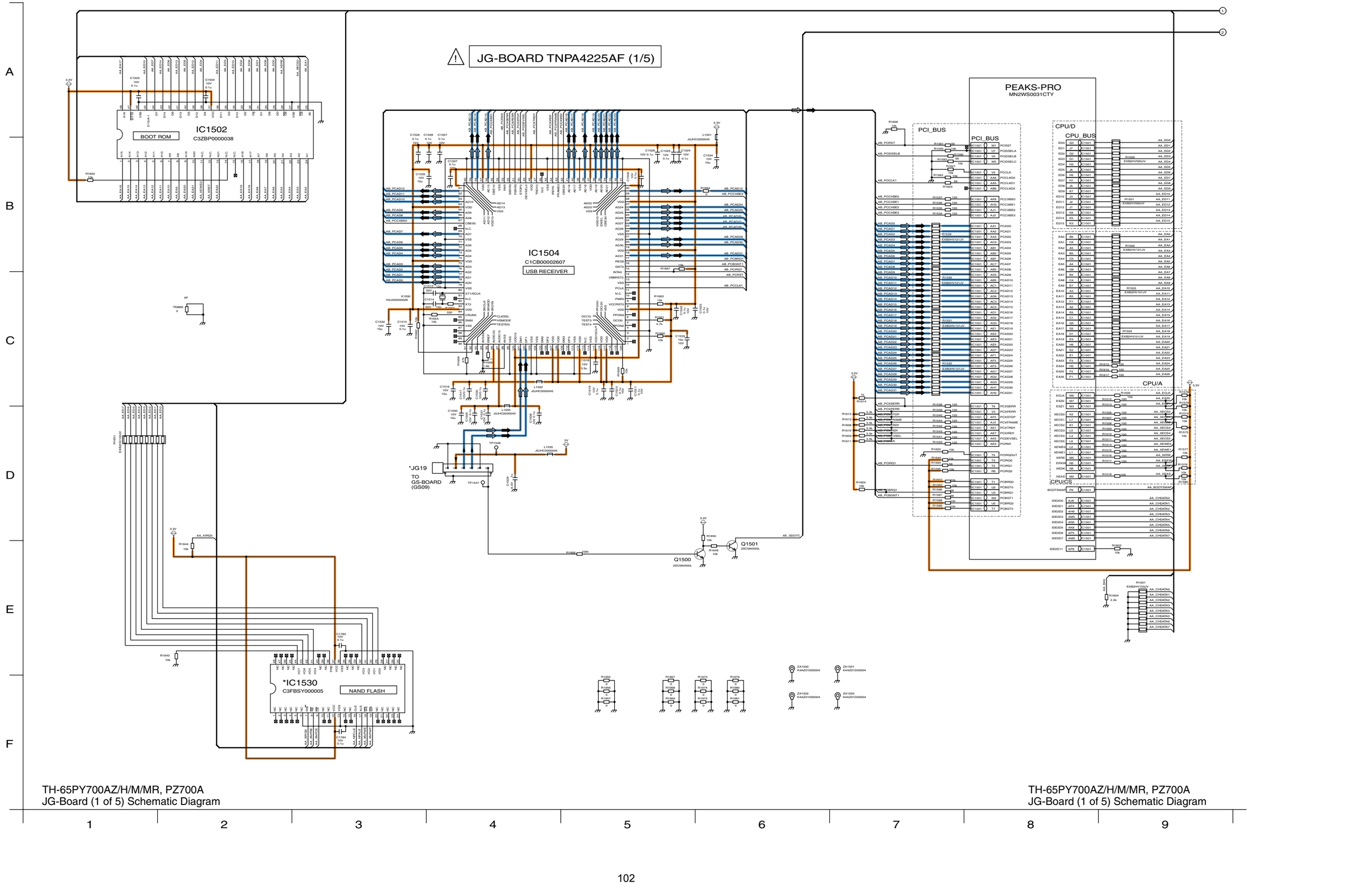
15.21. JG-Board Block Diagram



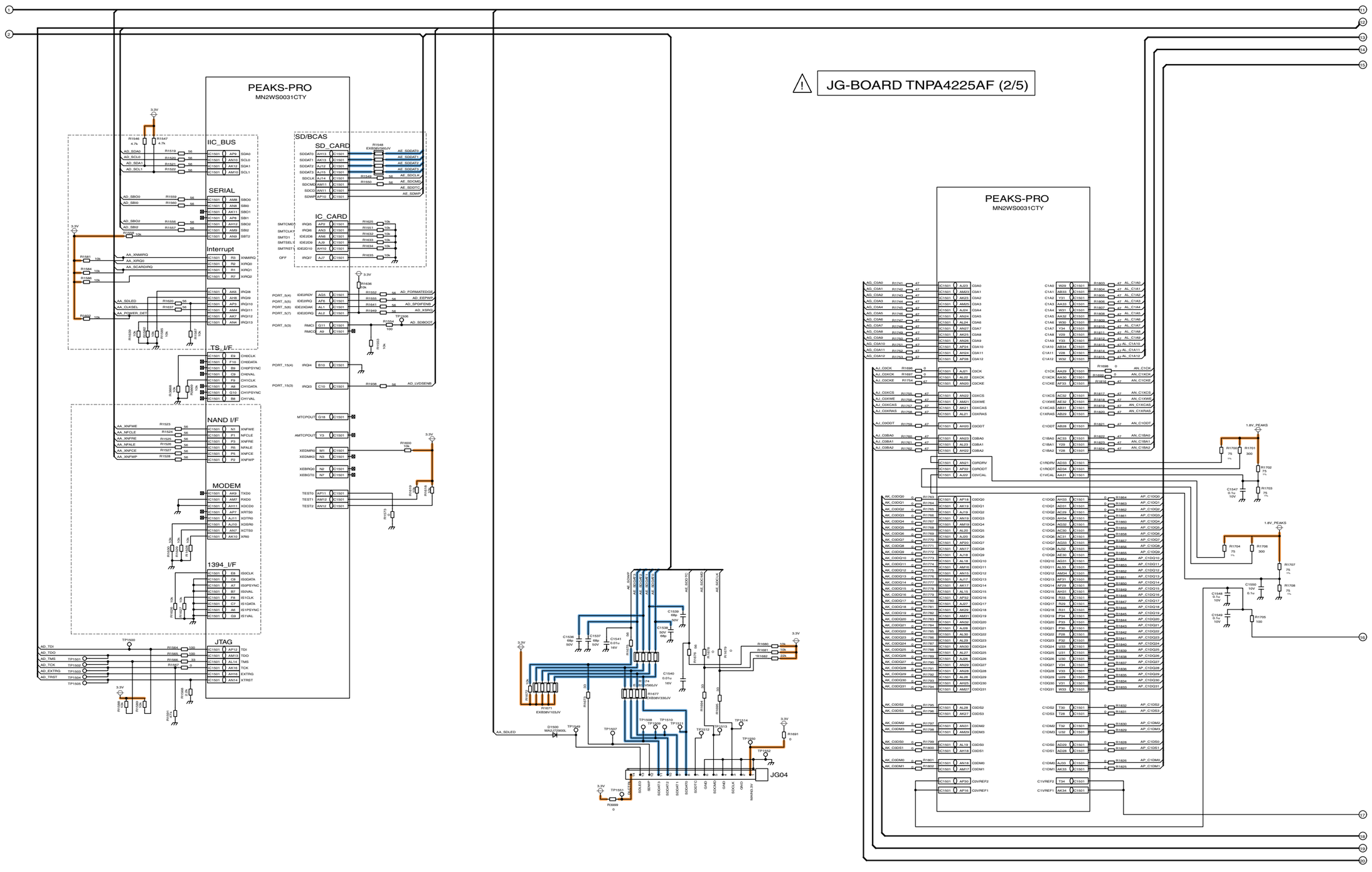
TH-65PY700AZ/H/M/MR, PZ700A
JG-Board Block Diagram

TH-65PY700AZ/H/M/MR, PZ700A
JG-Board Block Diagram

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

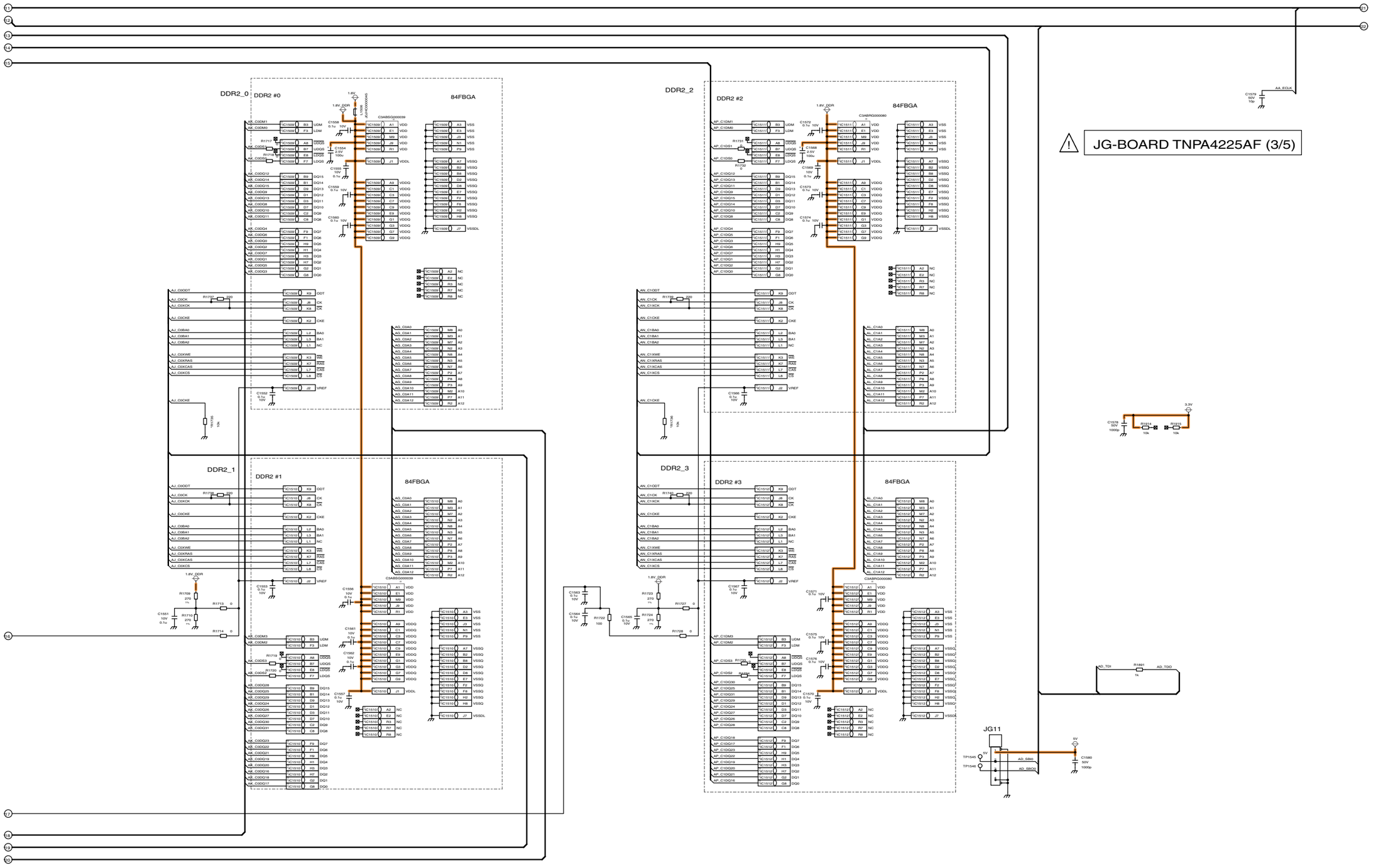


15.23. JG-Board (2 of 5) Schematic Diagram



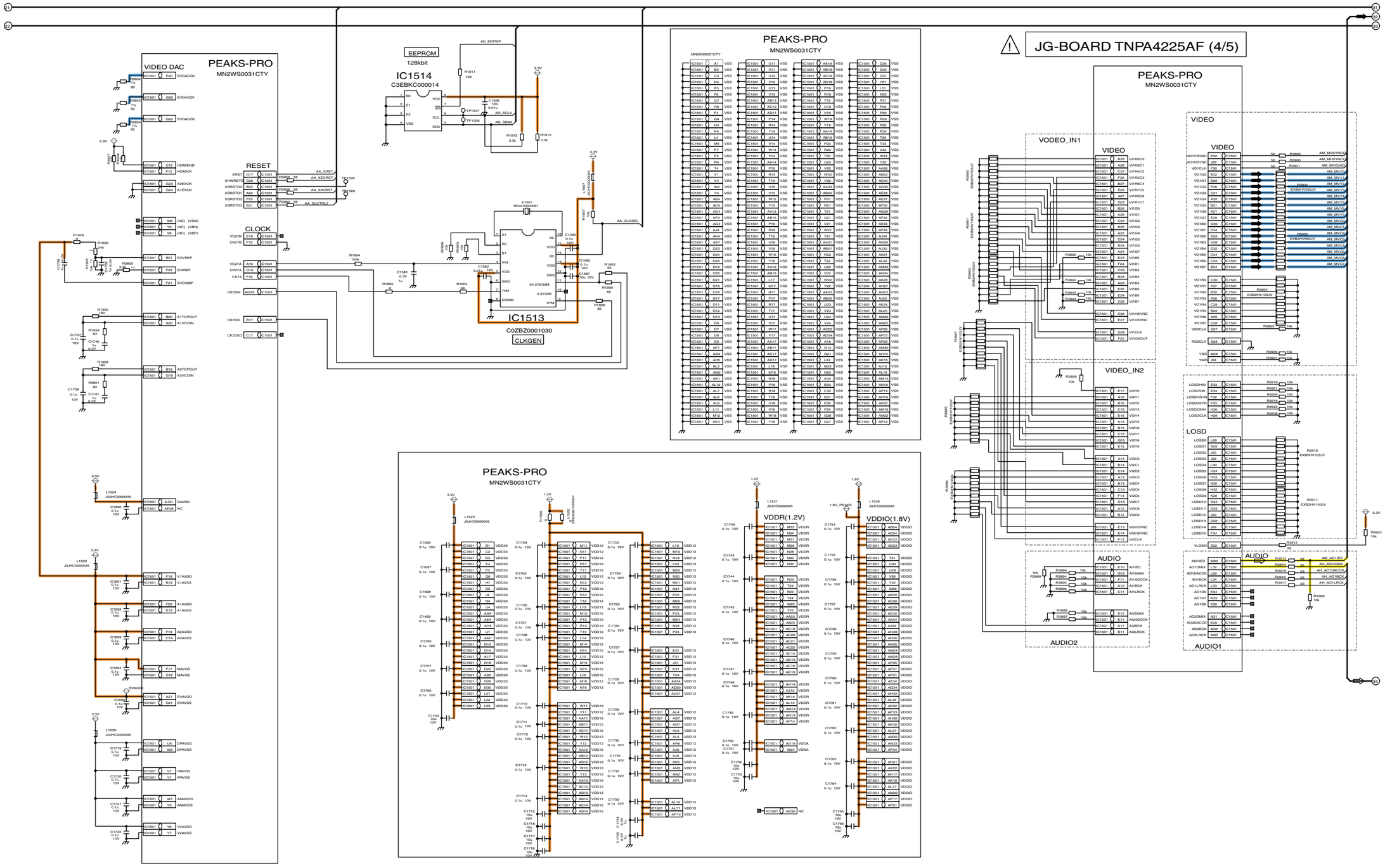
TH-65PY700AZ/H/M/MR, PZ700A
JG-Board (2 of 5) Schematic Diagram

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

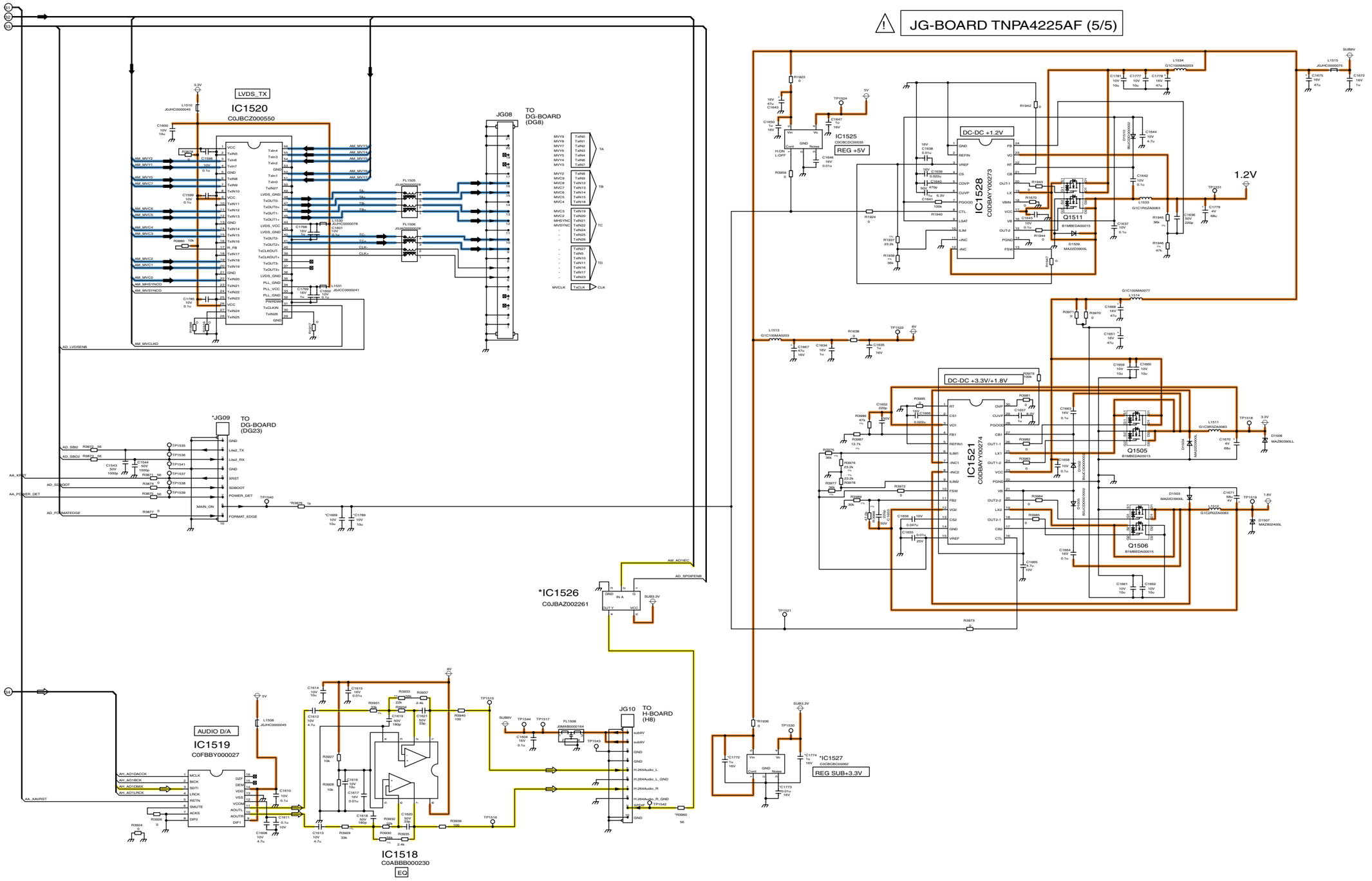


TH-65PY700AZ/H/M/MR, PZ700A
JG-Board (3 of 5) Schematic Diagram

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

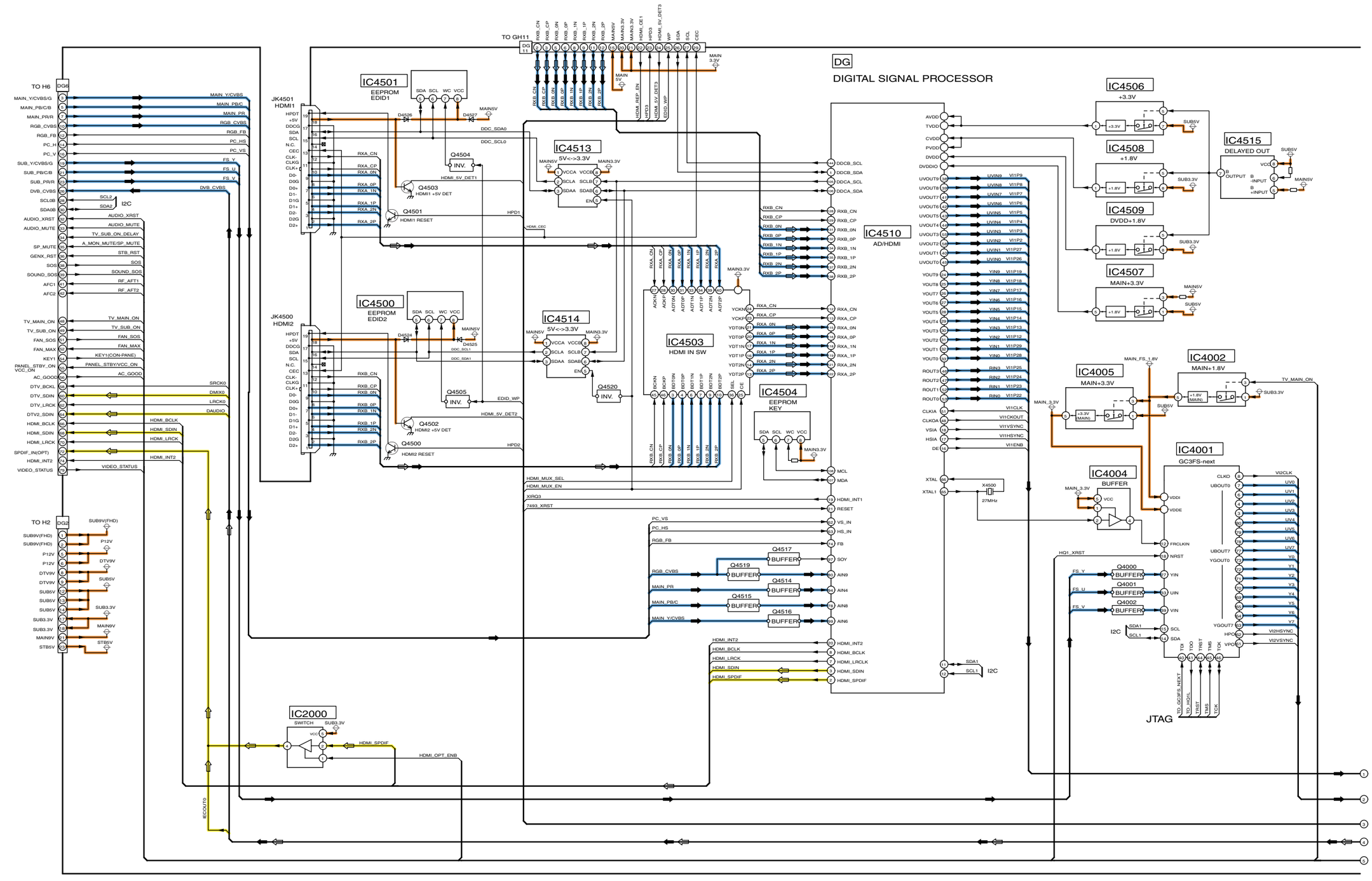


15.26. JG-Board (5 of 5) Schematic Diagram



TH-65PY700AZ/H/M/MR, PZ700A
JG-Board (5 of 5) Schematic Diagram

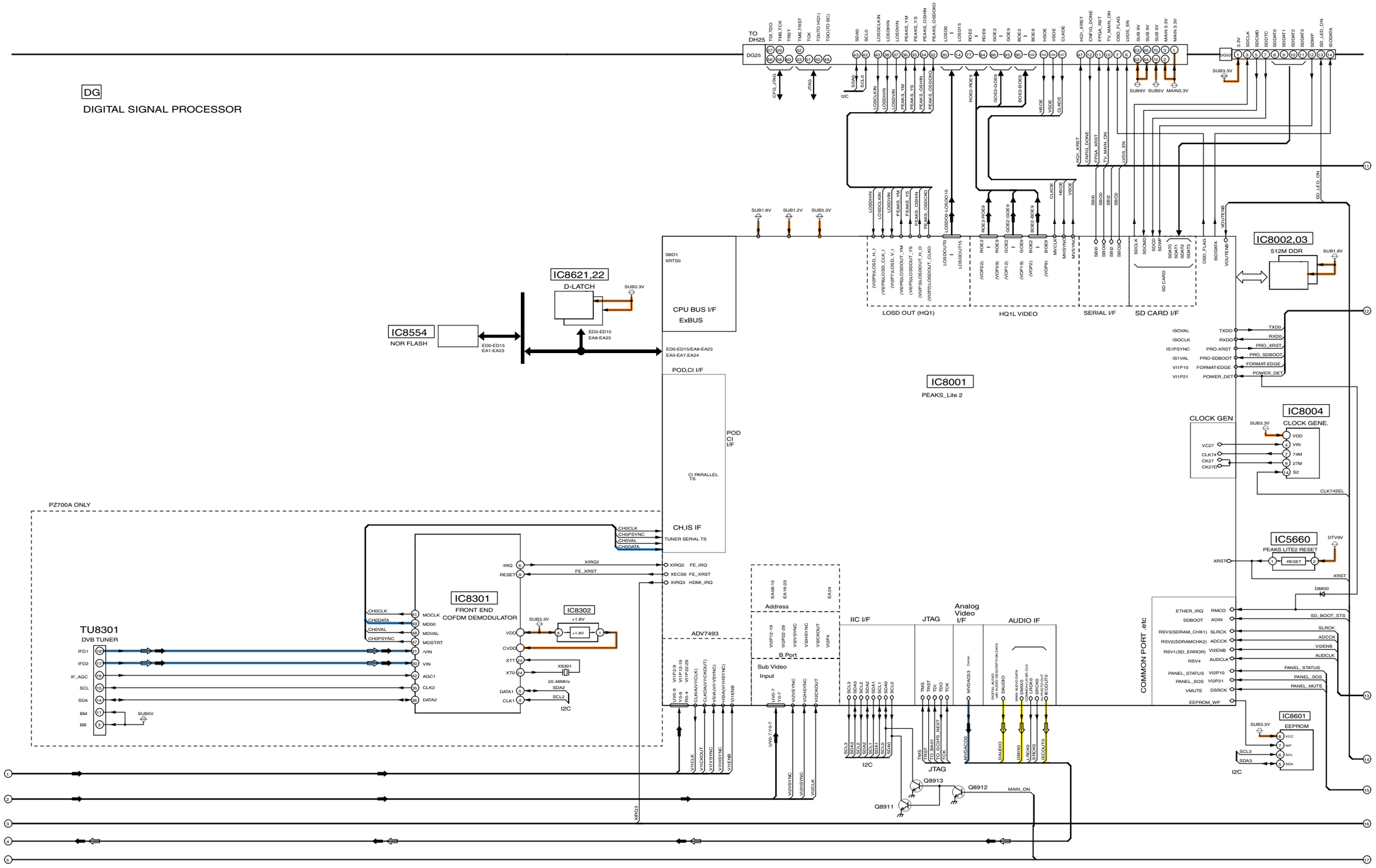
15.27. DG-Board (1 of 3) Block Diagram



TH-65PY700AZ/H/M/MR, PZ700A
DG-Board (1 of 3) Block Diagram

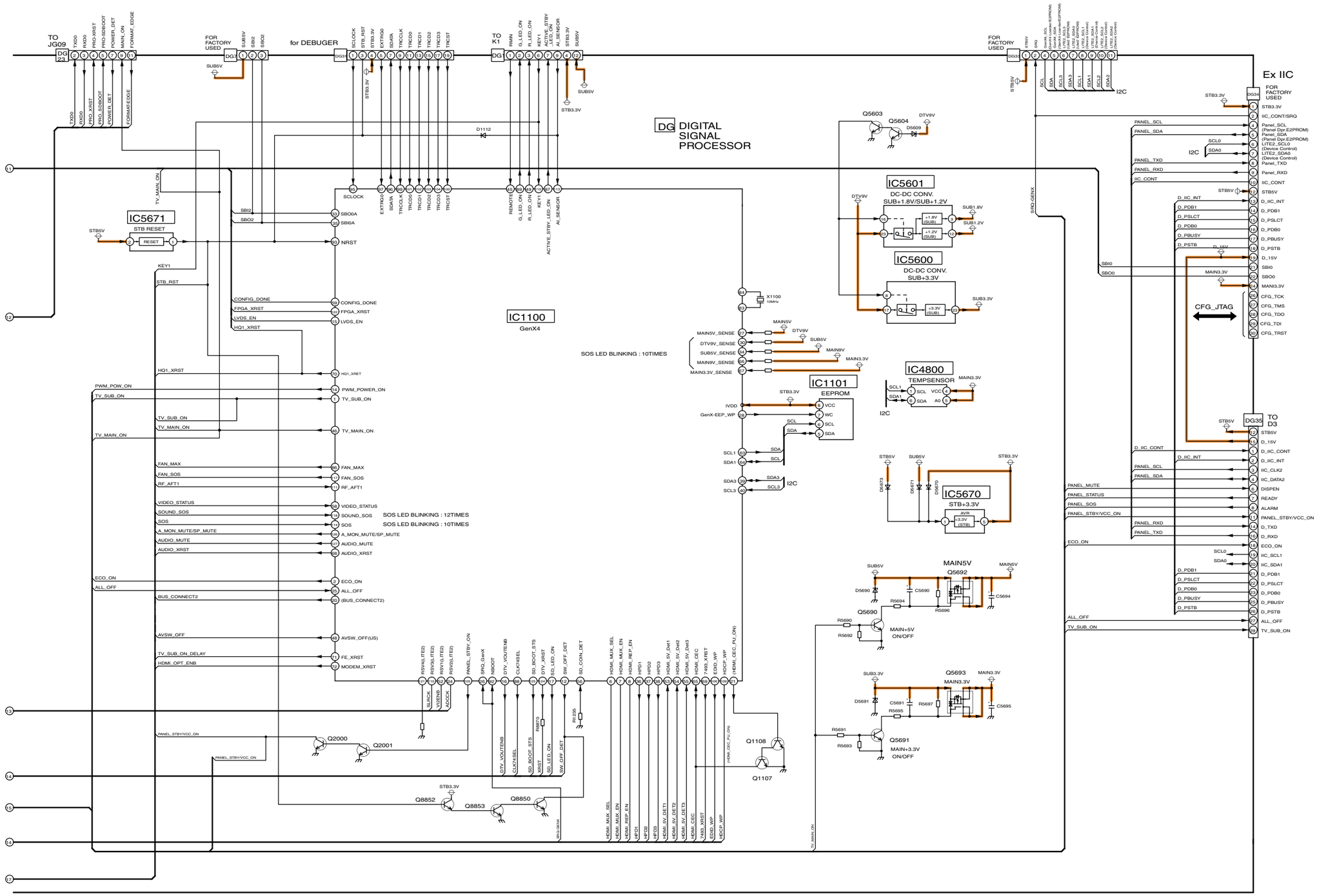
TH-65PY700AZ/H/M/MR, PZ700A
DG-Board (1 of 3) Block Diagram

15.28. DG-Board (2 of 3) Block Diagram



TH-65PY700AZ/H/M/MR, PZ700A
DG-Board (2 of 3) Block Diagram

15.29. DG-Board (3 of 3) Block Diagram



TH-65PY700AZ/H/M/MR, PZ700A
DG-Board (3 of 3) Block Diagram

TH-65PY700AZ/H/M/MR, PZ700A
DG-Board (3 of 3) Block Diagram

15.30. DG-Board (1 of 12) Schematic Diagram

DG-BOARD (1/12)
TXNDG1HGTA (700A)
TXNDG1HGTP (700AZ)
TXNDG1HFTH (700H)
TXNDG1HGTM (700M)
TXNDG1HGTX (700MR)

Peaks-Lite2/DDR2
CRNo.8000-8299

IC8001
MN2WS0039A
Peaks Lite 2

LOSD OUT (for HQ1)
to (9/12)

FOR HQ1L VIDEO
to (9/12)

FOR ADV7493
to (11/12)

B PORT (Sub Video Input or Address)
to (5/12)

CPU BUS I/F
to (3/12)

POD,CI I/F
to (3/12)

LVDS I/F

IIC I/F
to (3/12)

NAND I/F
to (3/12)

Analog Video I/F
to (4/12)

SD CARD I/F
to (4/12)

SERIAL I/F
to (3/12)
to (8/12)

AUDIO IF
to (4/12)

JTAG
to (3/12)

CH,IS I/F
to (3/12)

COMMON PORT .etc

CLOCK GEN

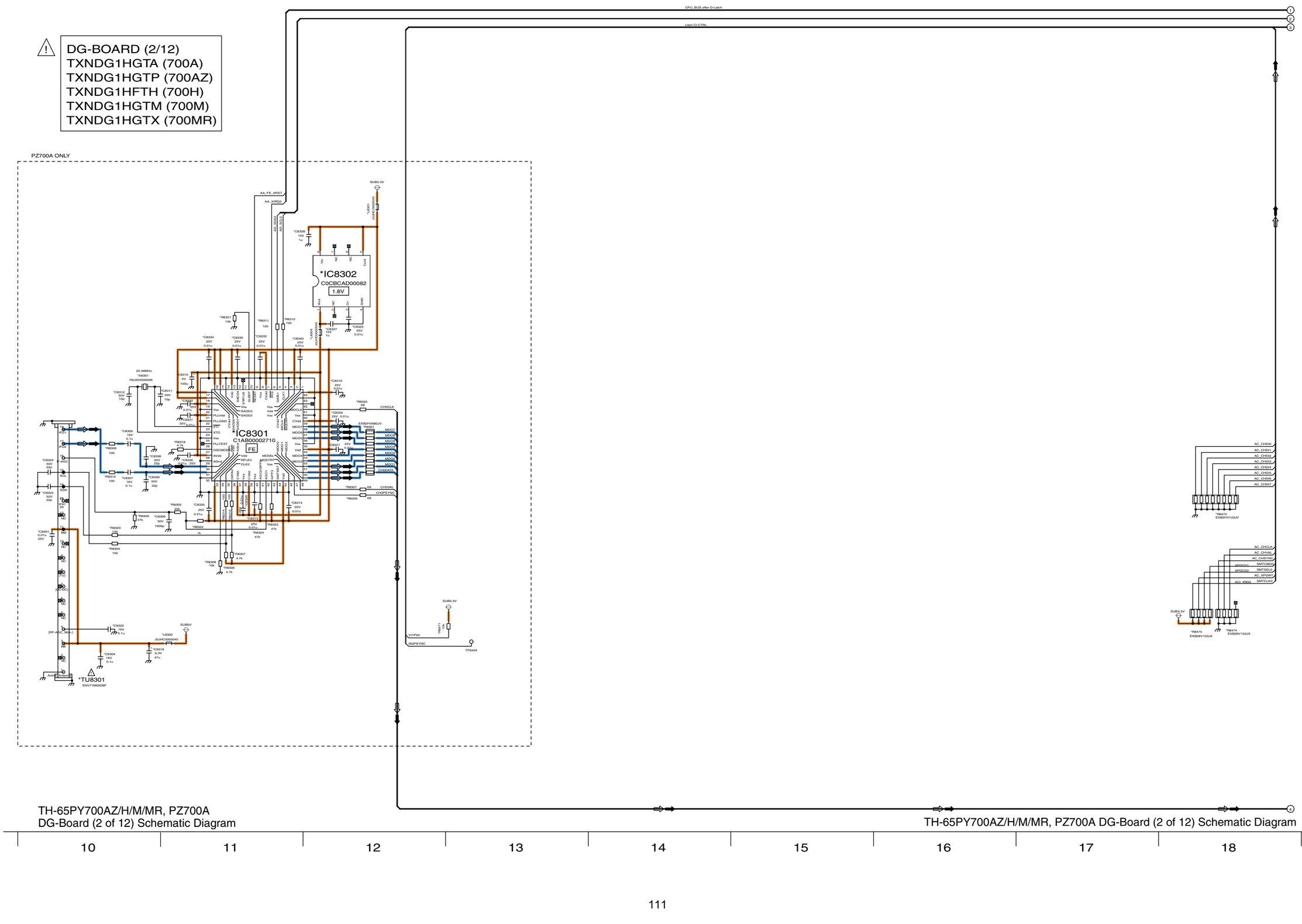
IC8002
C3ABSY000013
DDR2_0

IC8003
C3ABSY000013
DDR2_1

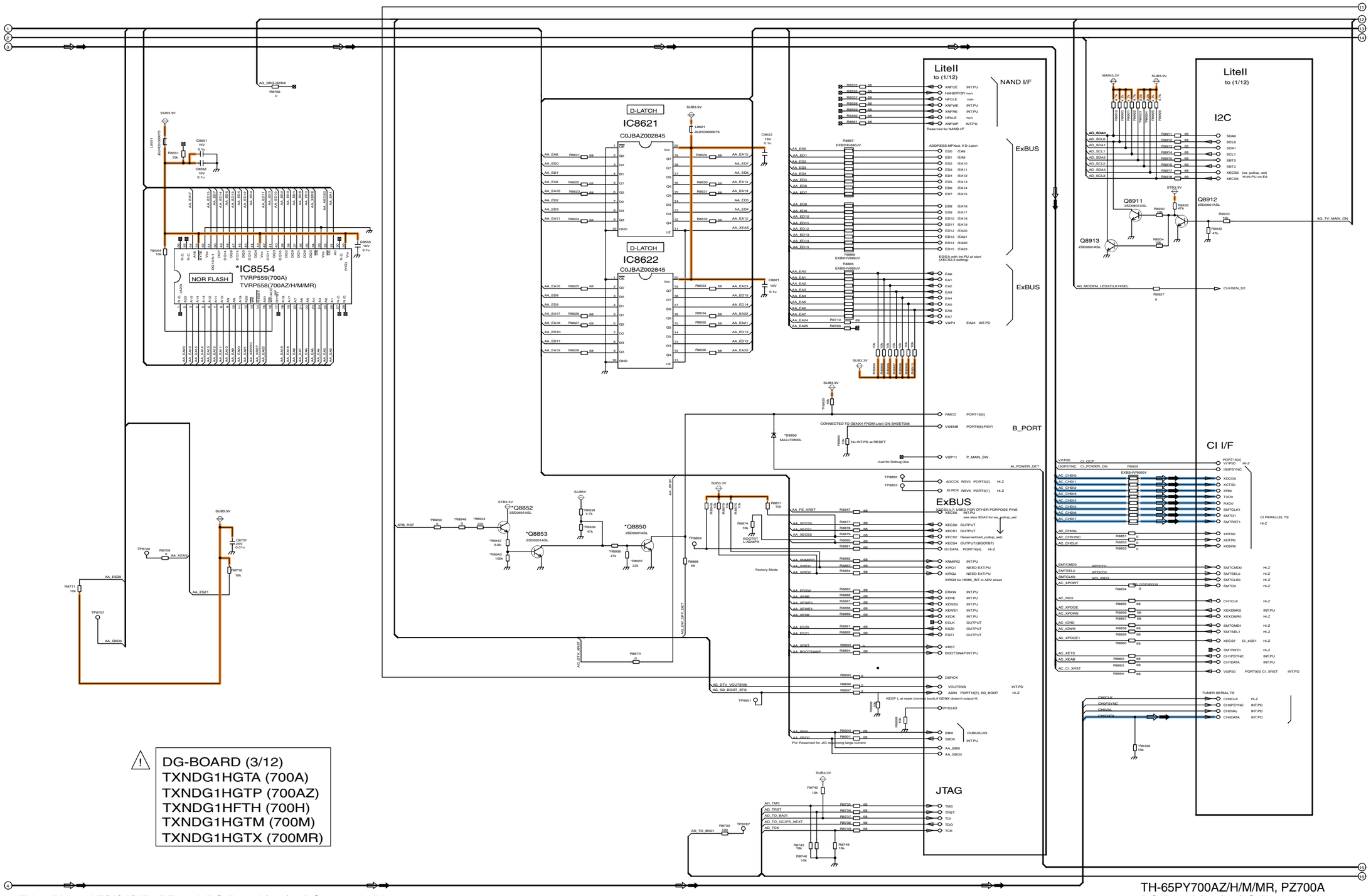
IC8004
C0ZBZ0001030

TH-65PY700AZ/H/M/MR, PZ700A
DG-Board (1 of 12) Schematic Diagram

15.31. DG-Board (2 of 12) Schematic Diagram

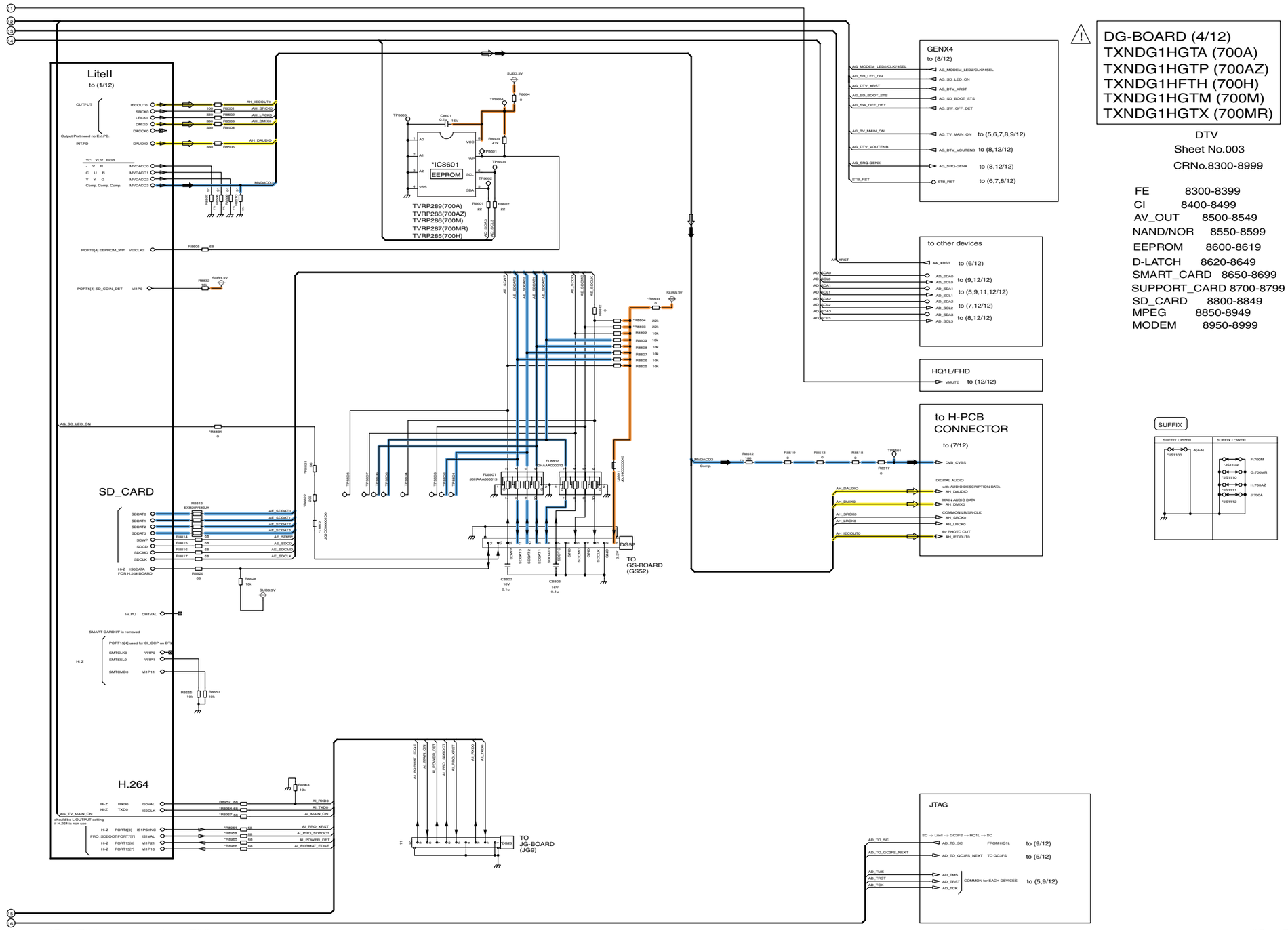


15.32. DG-Board (3 of 12) Schematic Diagram



DG-BOARD (3/12)
TXNDG1HGTA (700A)
TXNDG1HGTP (700AZ)
TXNDG1HFTH (700H)
TXNDG1HGTM (700M)
TXNDG1HGTX (700MR)

15.33. DG-Board (4 of 12) Schematic Diagram



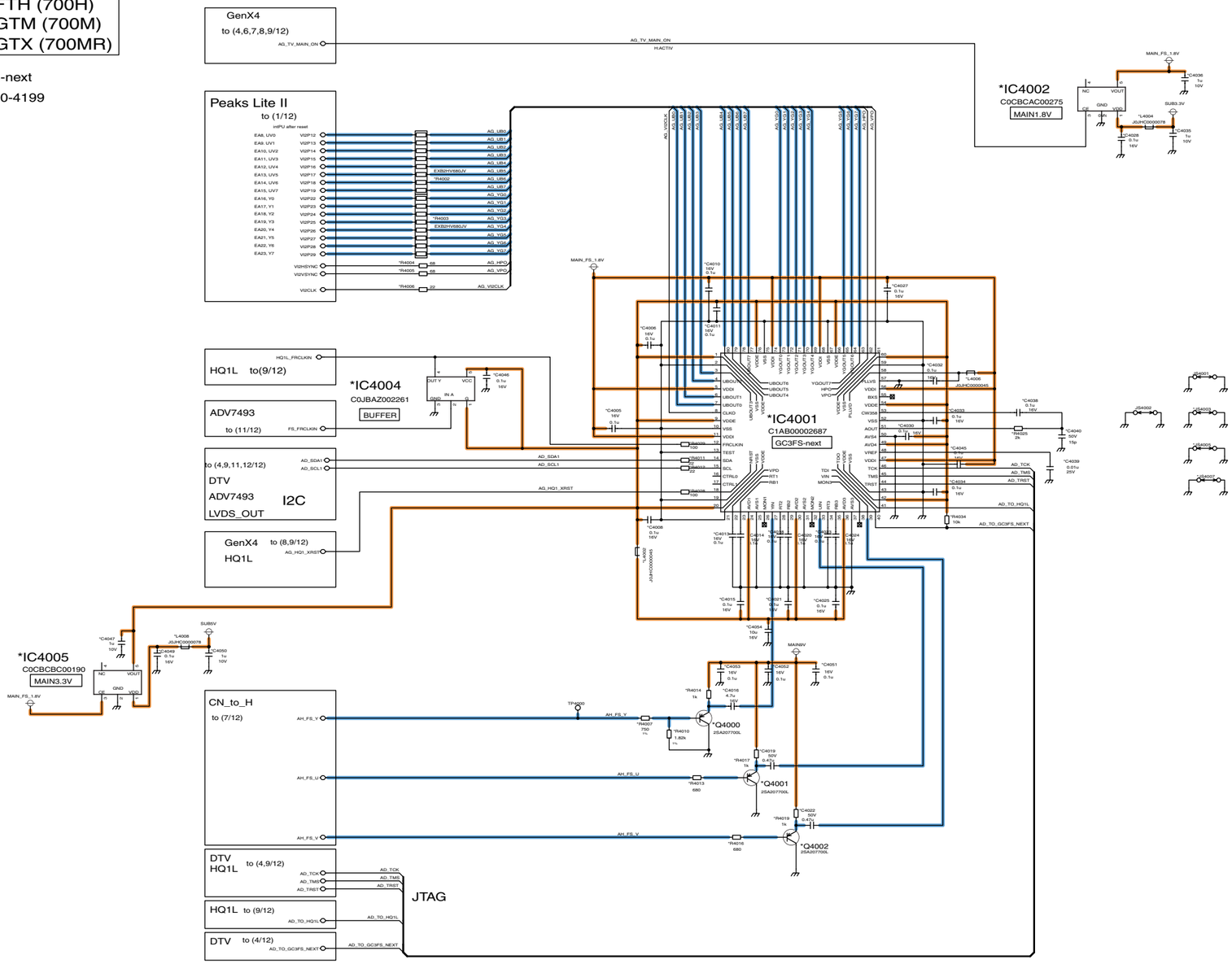
TH-65PY700AZ/H/M/MR, PZ700A
DG-Board (4 of 12) Schematic Diagram

28 29 30 31 32 33 34 35 36

15.34. DG-Board (5 of 12) Schematic Diagram

⚠ DG-BOARD (5/12)
TXNDG1HGTA (700A)
TXNDG1HGTP (700AZ)
TXNDG1HFTH (700H)
TXNDG1HGTM (700M)
TXNDG1HGTX (700MR)

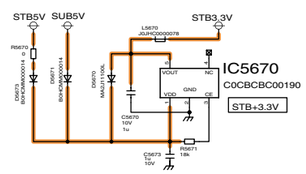
GC3FS-next
CRNo.4000-4199

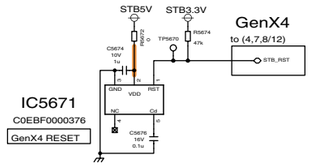


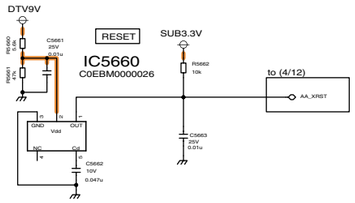
TH-65PY700AZ/H/M/MR, PZ700A
DG-Board (5 of 12) Schematic Diagram

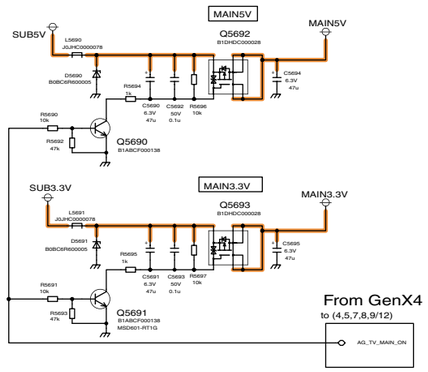
37 38 39 40 41 42 43 44 45

15.35. DG-Board (6 of 12) Schematic Diagram





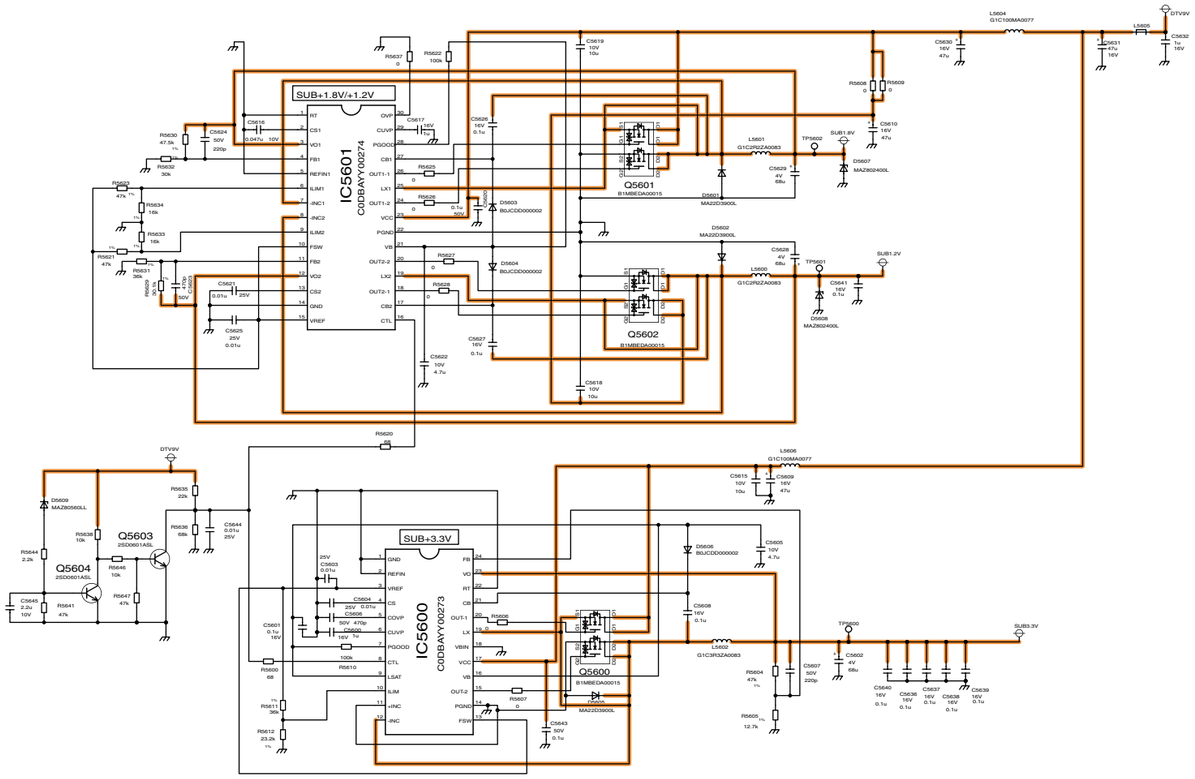


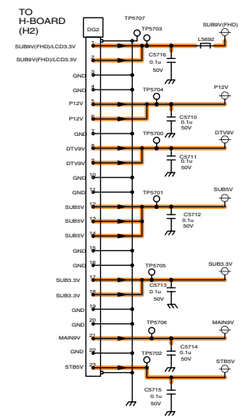


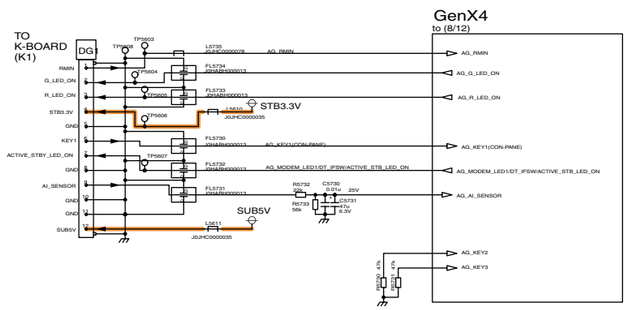
DG-BOARD (6/12)
TXNDG1HGTA (700A)
TXNDG1HGTP (700AZ)
TXNDG1HFTH (700H)
TXNDG1HGTM (700M)
TXNDG1HGTX (700MR)

CRNo.5600-5749

Peaks-LITE2 POWER 5600-5659
Peaks-LITE2 RST 5660-5669
GenX4 POWER/RST 5670-5689
MAIN5V/MAIN3.3V 5690-5709
DG-H Connecter 5710-5729
DG-G Connecter 5730-5749







TH-65PY700AZ/H/M/MR, PZ700A
DG-Board (6 of 12) Schematic Diagram

15.36. DG-Board (7 of 12) Schematic Diagram

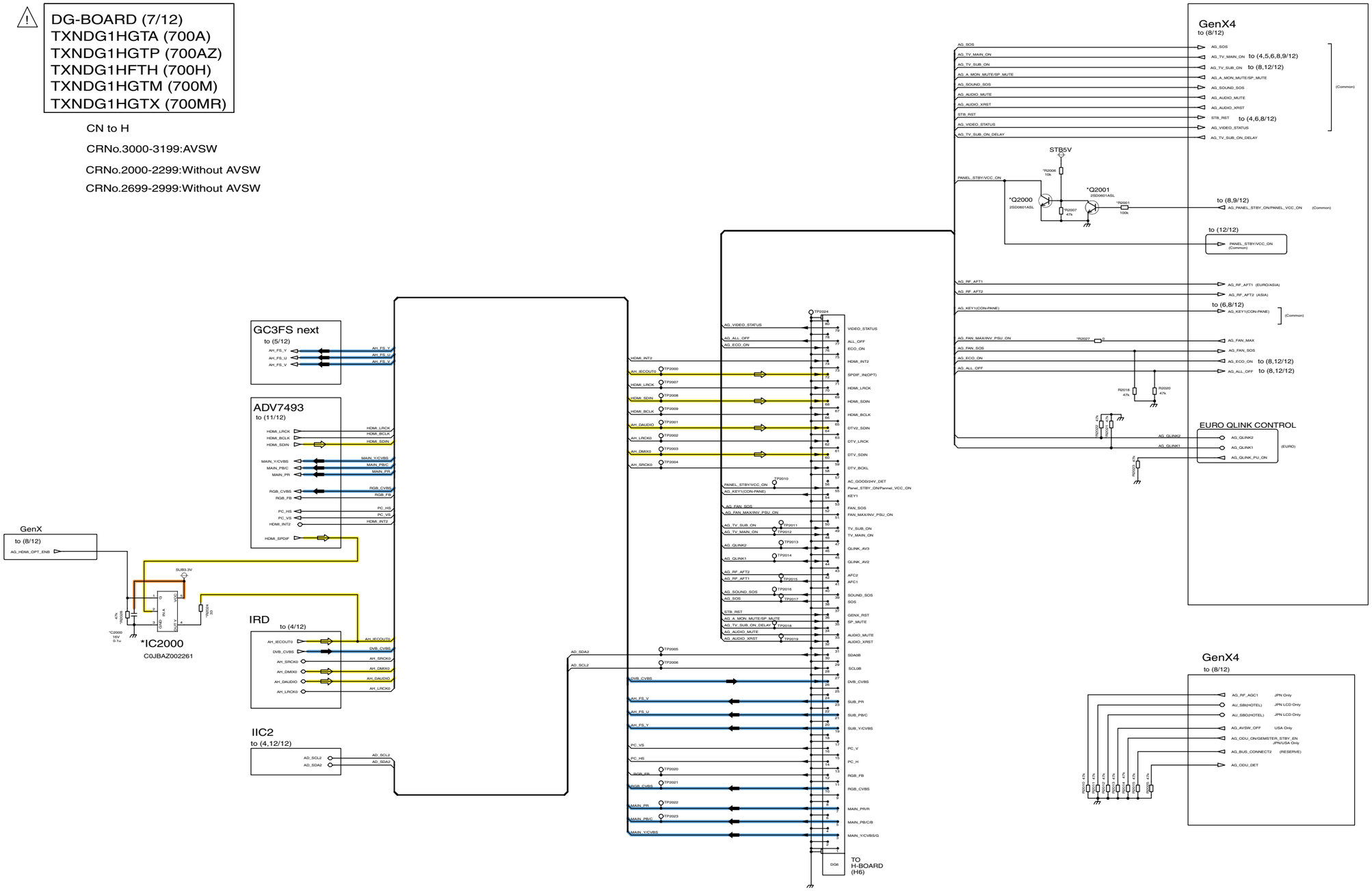
⚠ DG-BOARD (7/12)
TXNDG1HGTA (700A)
TXNDG1HGTP (700AZ)
TXNDG1HFTH (700H)
TXNDG1HGTM (700M)
TXNDG1HGTX (700MR)

CN to H

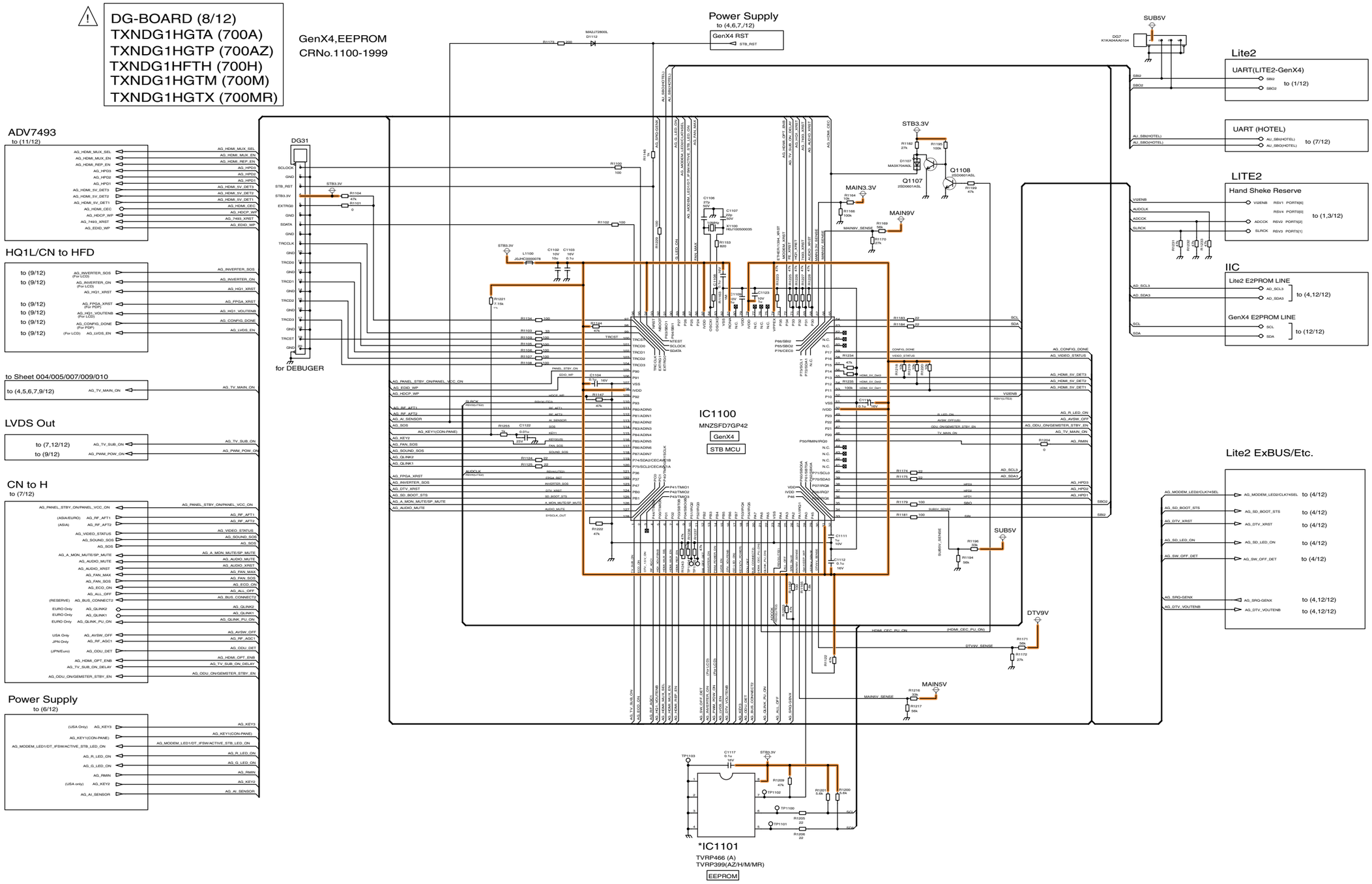
CRNo.3000-3199:AVSW

CRNo.2000-2299:Without AVSW

CRNo.2699-2999:Without AVSW

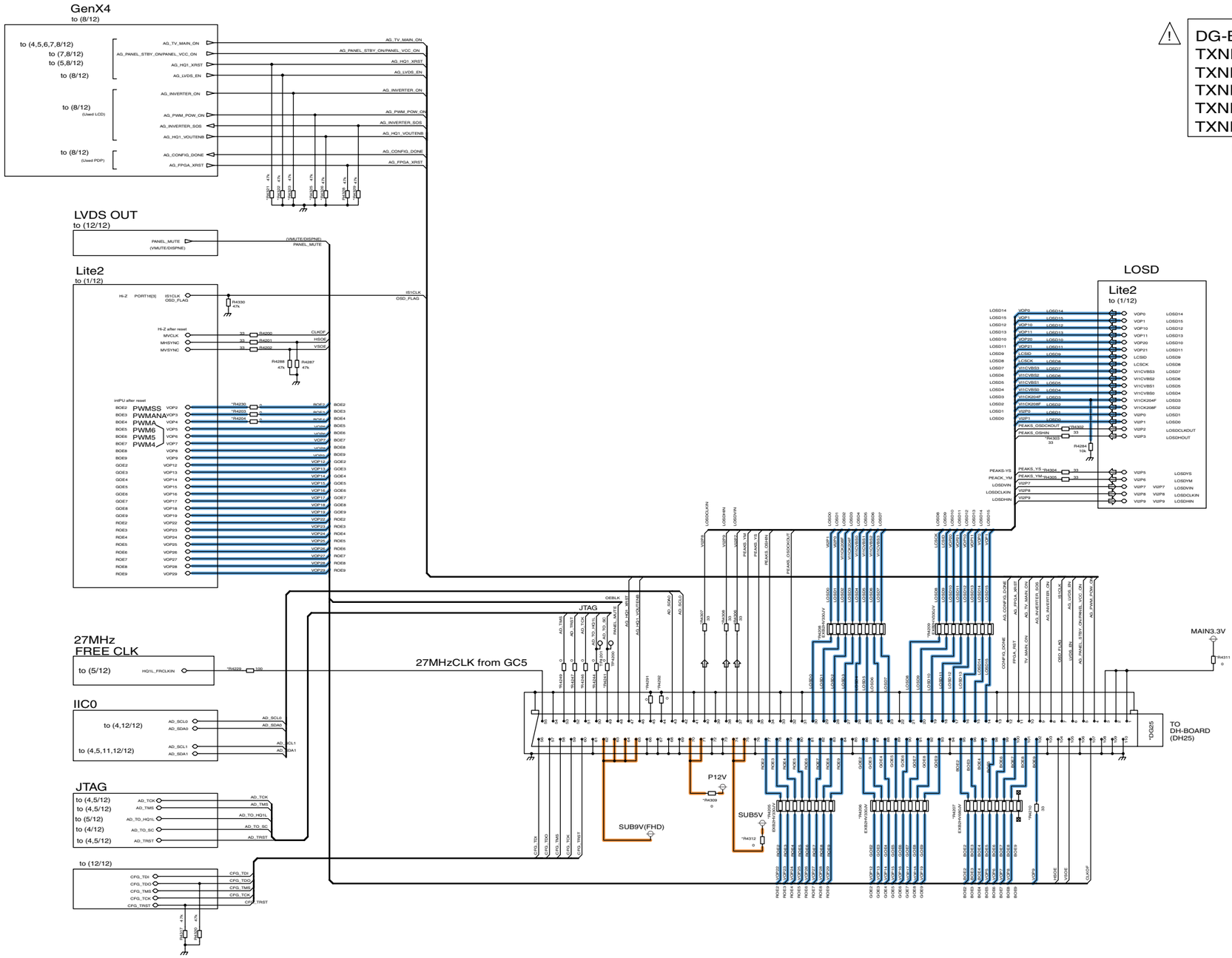


15.37. DG-Board (8 of 12) Schematic Diagram



TH-65PY700AZ/H/M/MR, PZ700A
DG-Board (8 of 12) Schematic Diagram

15.38. DG-Board (9 of 12) Schematic Diagram

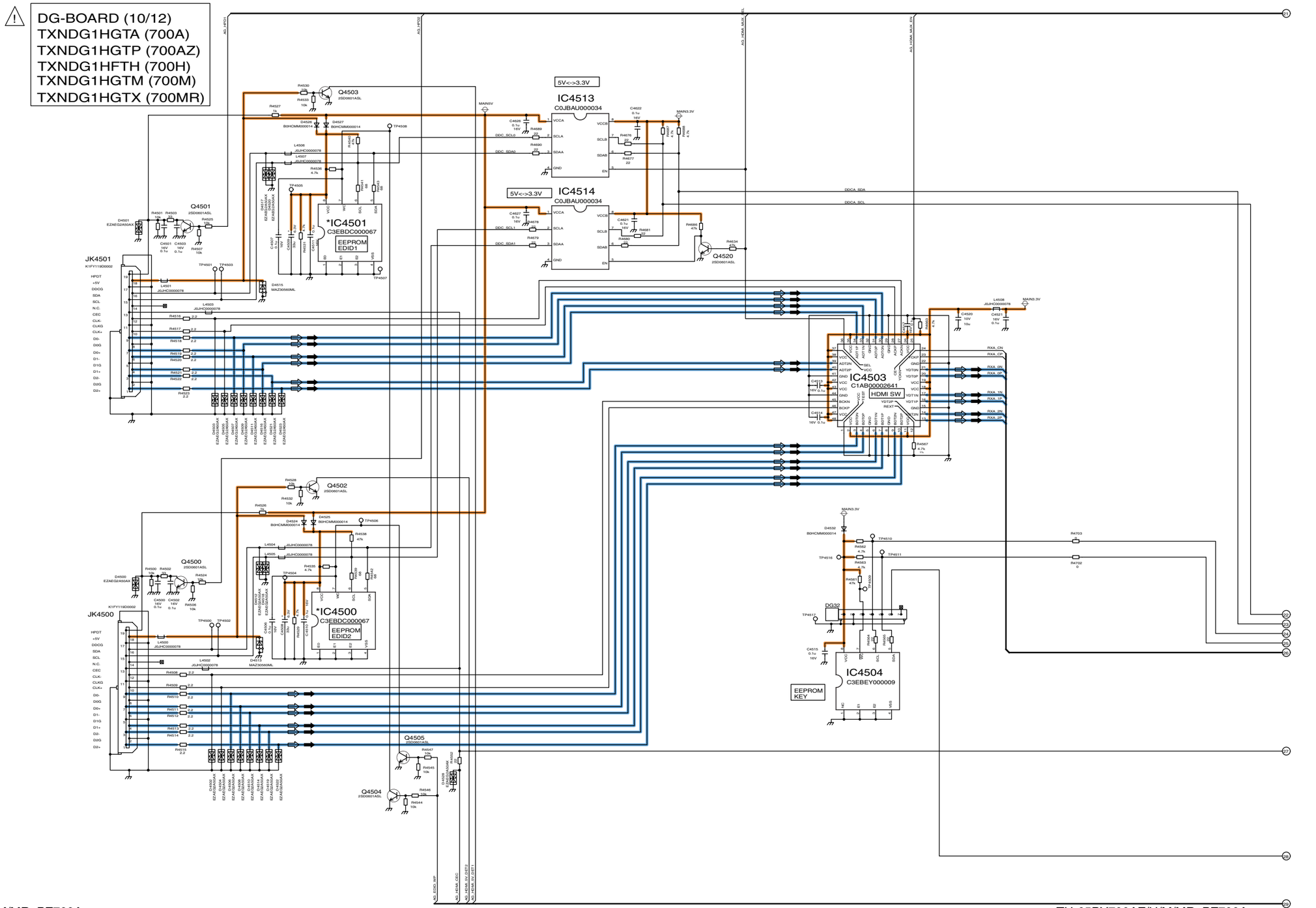


DG-BOARD (9/12)
TXNDG1HGTA (700A)
TXNDG1HGTP (700AZ)
TXNDG1HFTH (700H)
TXNDG1HGTM (700M)
TXNDG1HGTX (700MR)

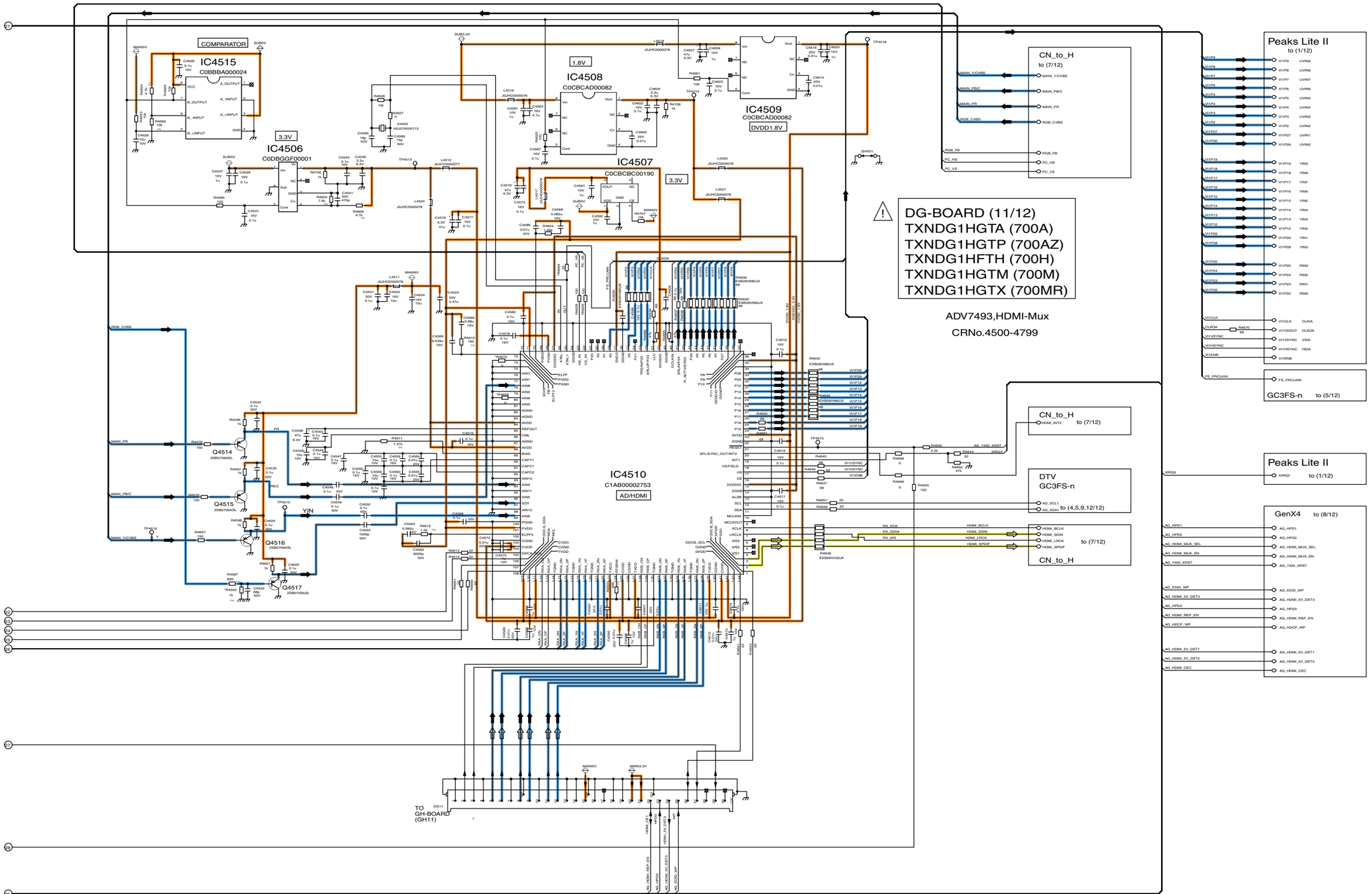
HQ1L/CN to FHD

CRNo.4200-4499

15.39. DG-Board (10 of 12) Schematic Diagram



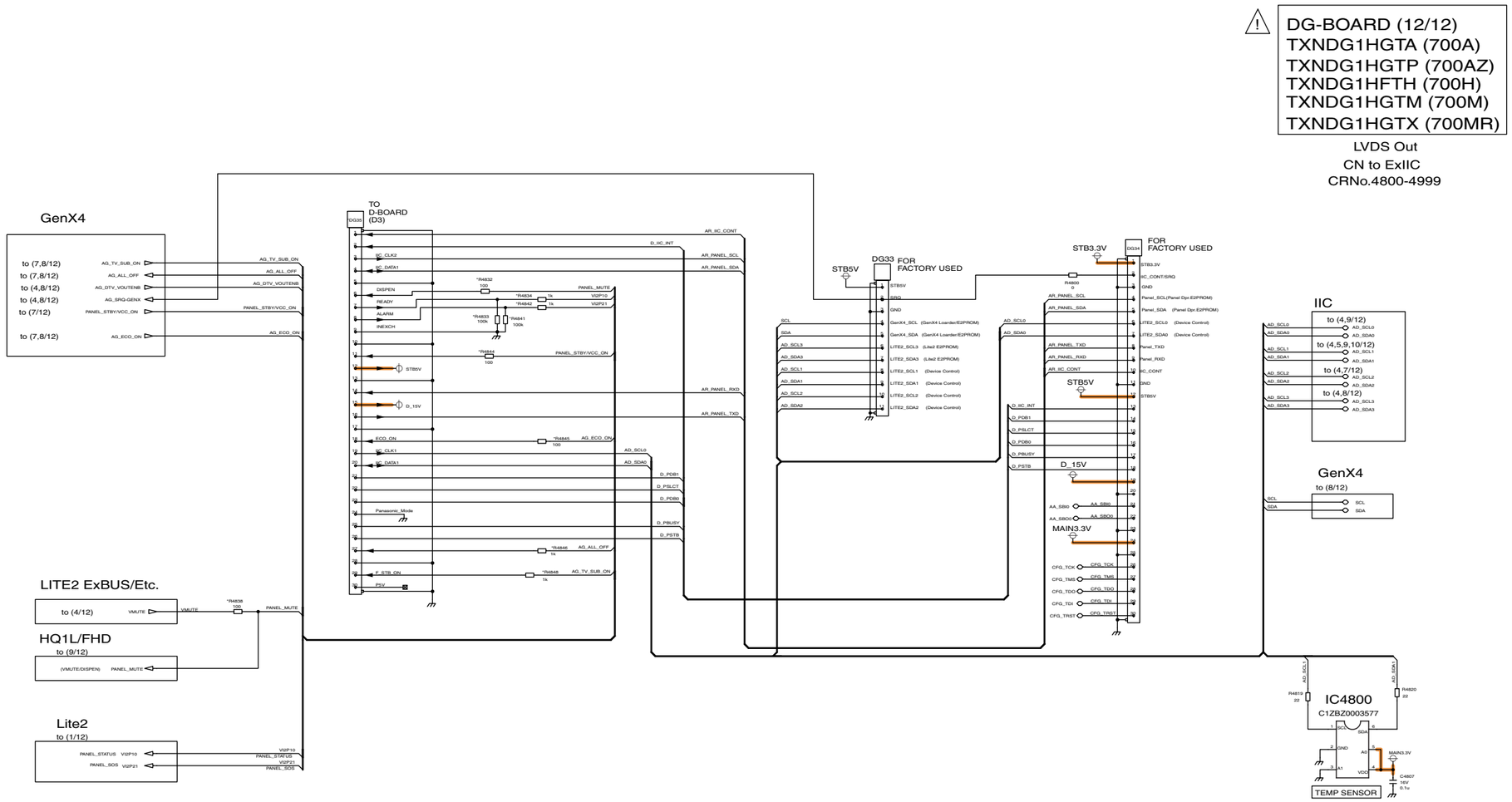
15.40. DG-Board (11 of 12) Schematic Diagram



TH-65PY700AZ/H/M/MR, PZ700A
DG-Board (11 of 12) Schematic Diagram

TH-65PY700AZ/H/M/MR, PZ700A
DG-Board (11 of 12) Schematic Diagram

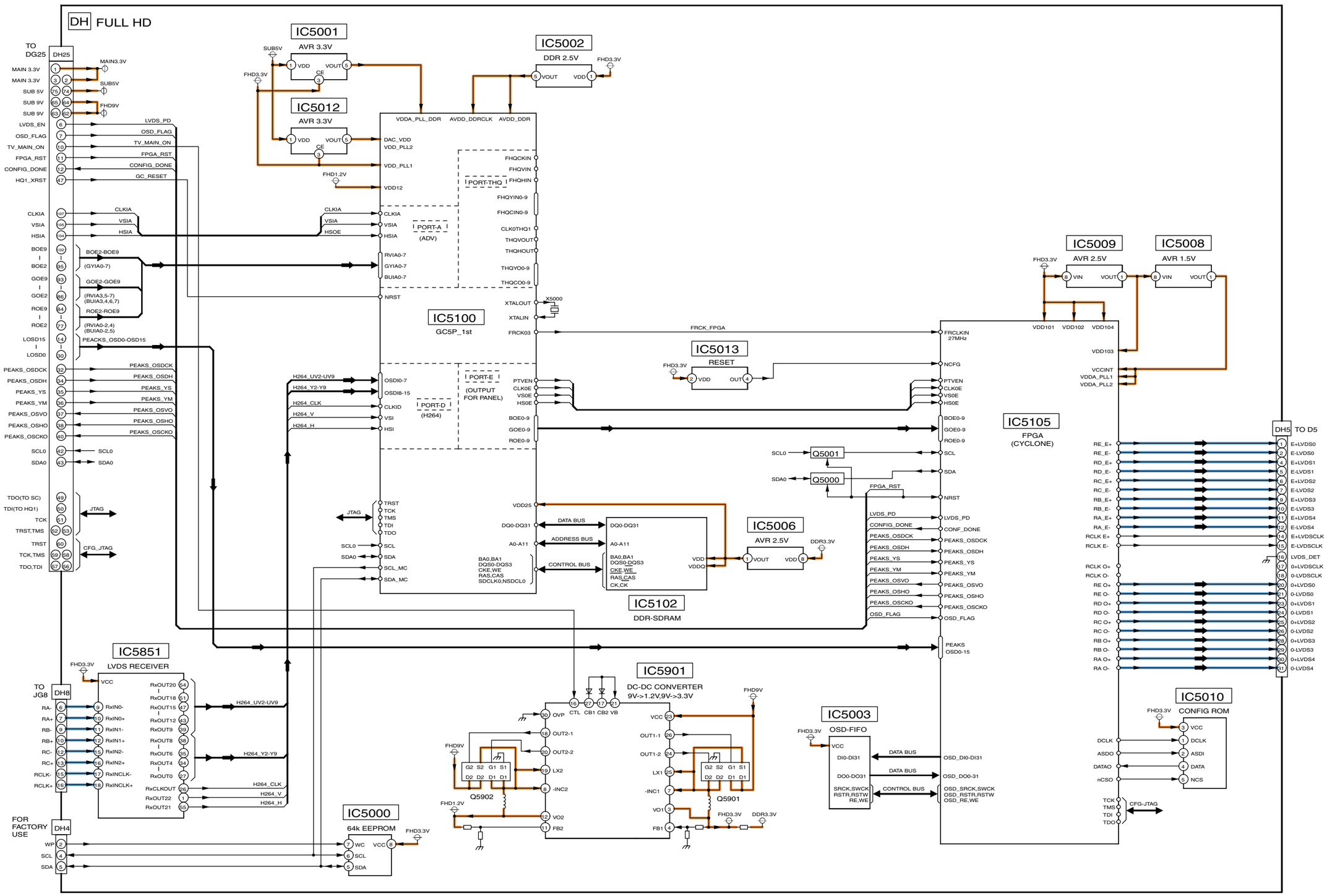
15.41. DG-Board (12 of 12) Schematic Diagram



TH-65PY700AZ/H/M/MR, PZ700A
DG-Board (12 of 12) Schematic Diagram

100 101 102 103 104 105 106 107 108

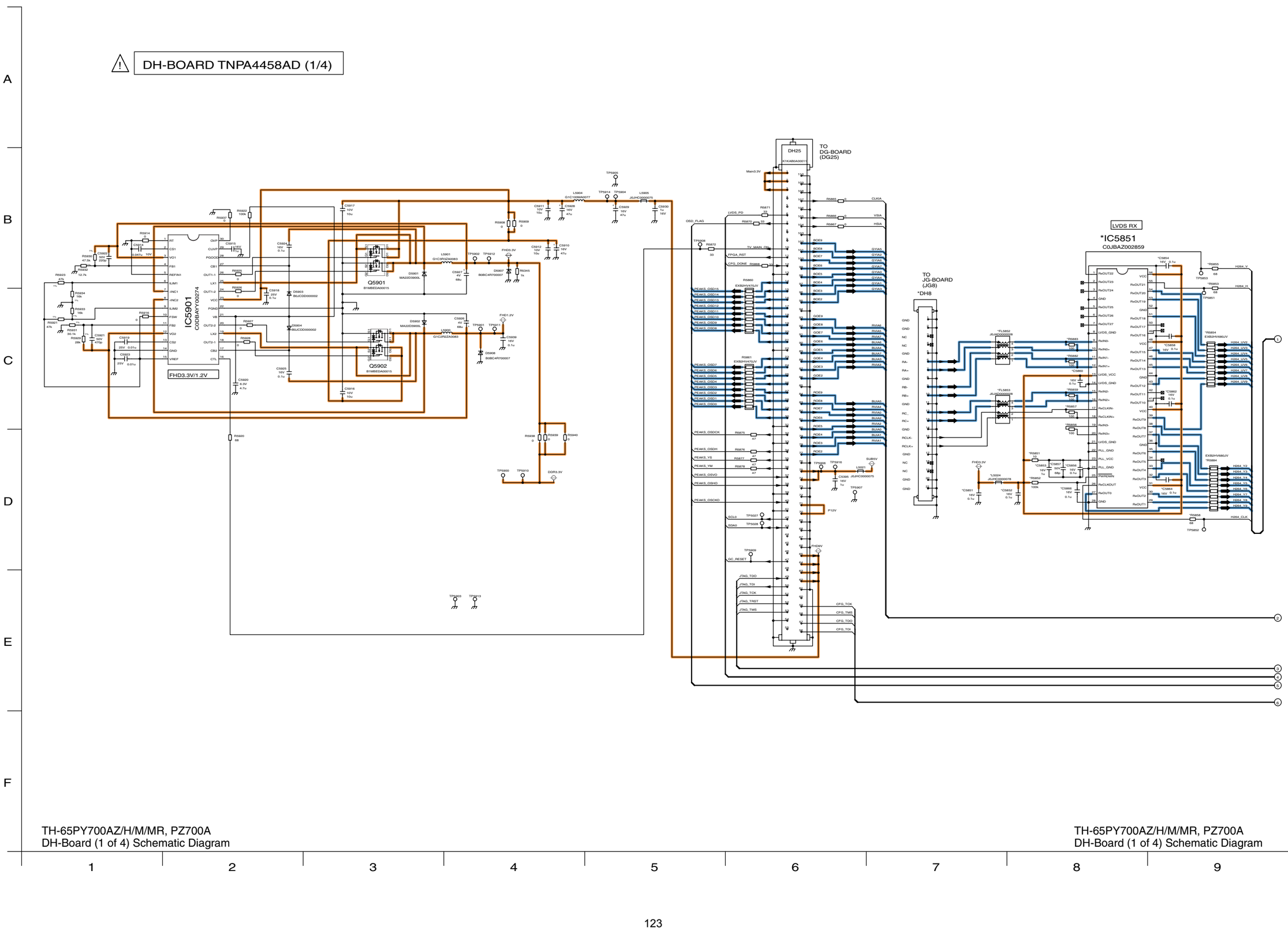
15.42. DH-Board Block Diagram



TH-65PY700AZ/H/M/MR, PZ700A
DH-Board Block Diagram

TH-65PY700AZ/H/M/MR, PZ700A
DH-Board Block Diagram

15.43. DH-Board (1 of 4) Schematic Diagram

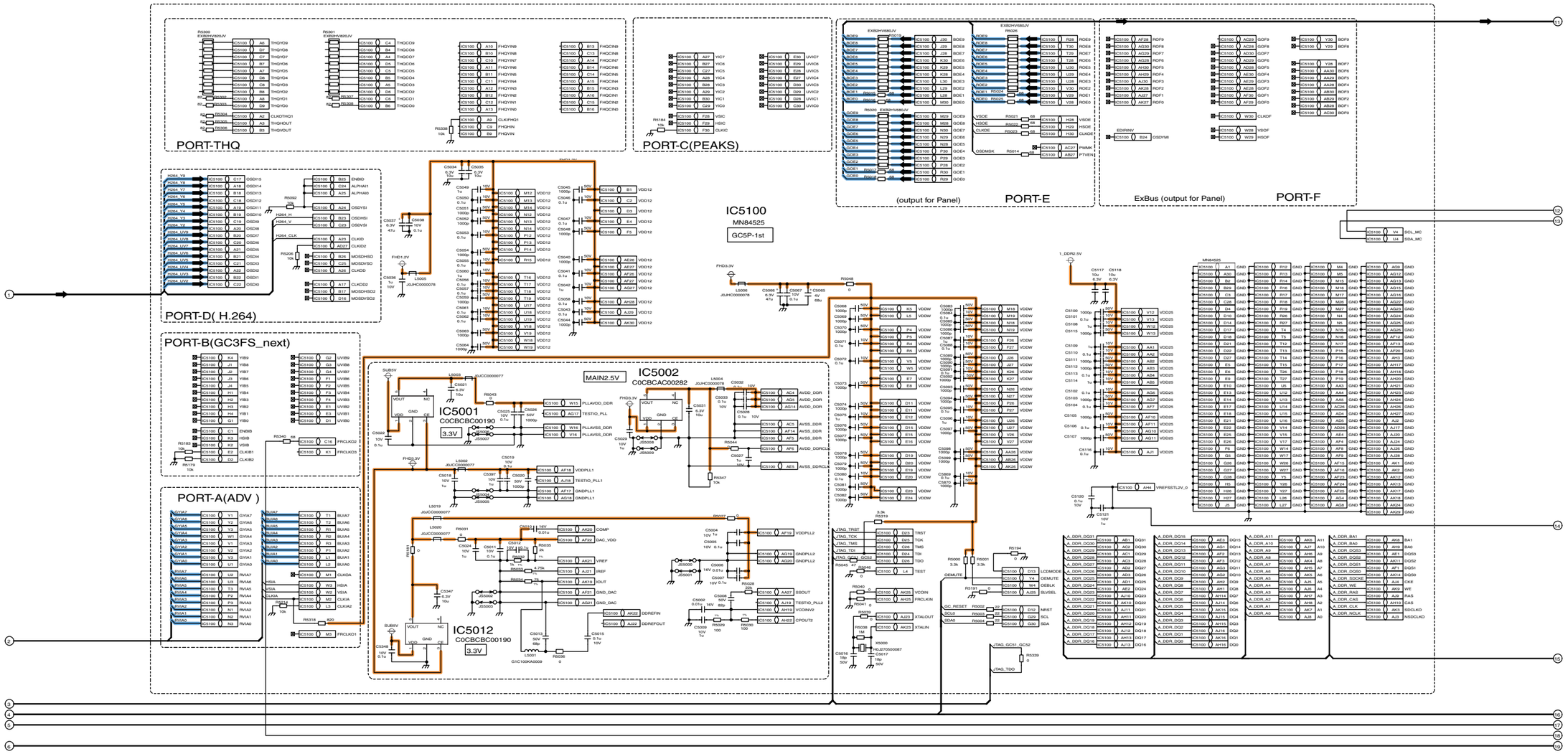


TH-65PY700AZ/H/M/MR, PZ700A
DH-Board (1 of 4) Schematic Diagram

TH-65PY700AZ/H/M/MR, PZ700A
DH-Board (1 of 4) Schematic Diagram

15.44. DH-Board (2 of 4) Schematic Diagram

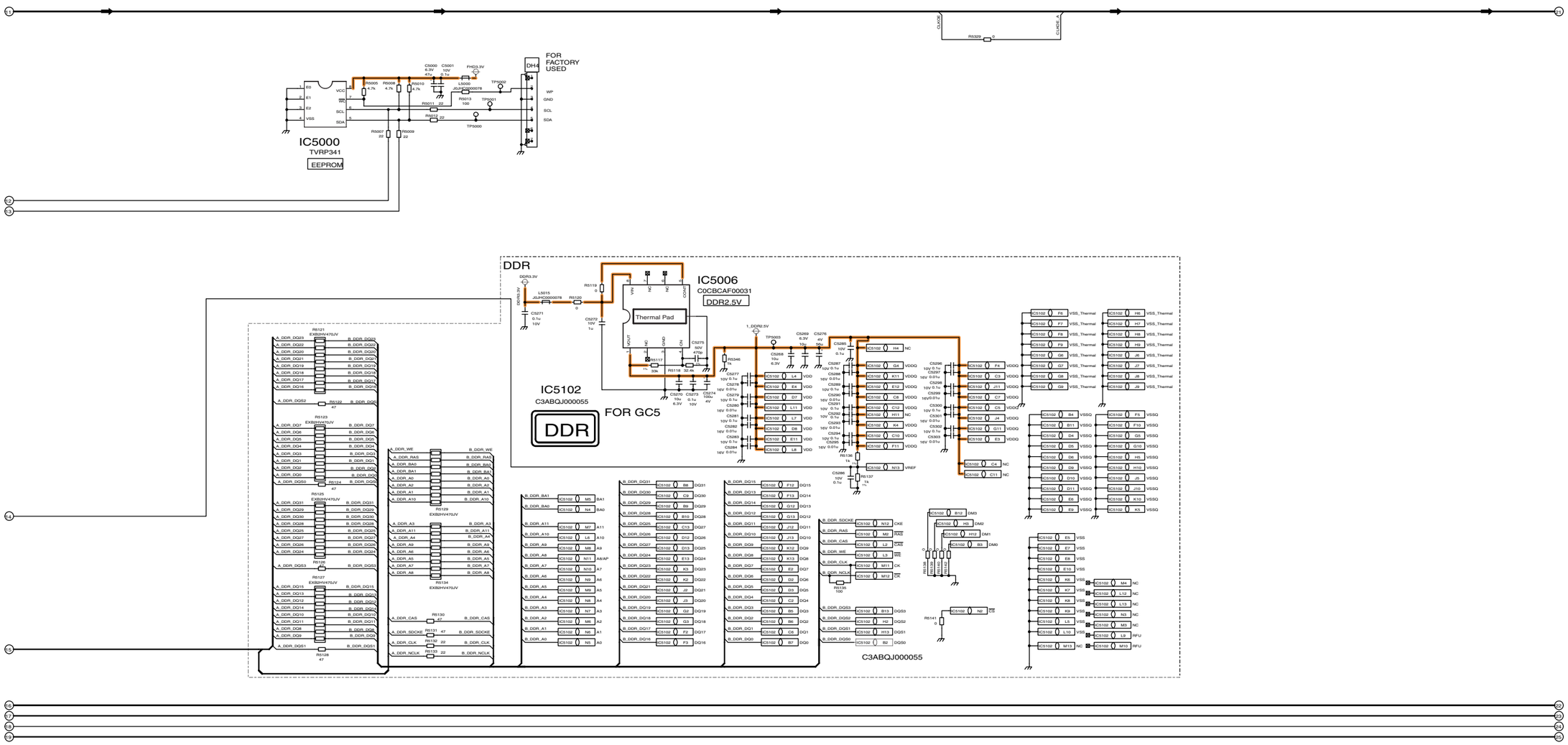
⚠ DH-BOARD TNPA4458AD (2/4)



TH-65PY700AZ/H/M/MR, PZ700A
DH-Board (2 of 4) Schematic Diagram

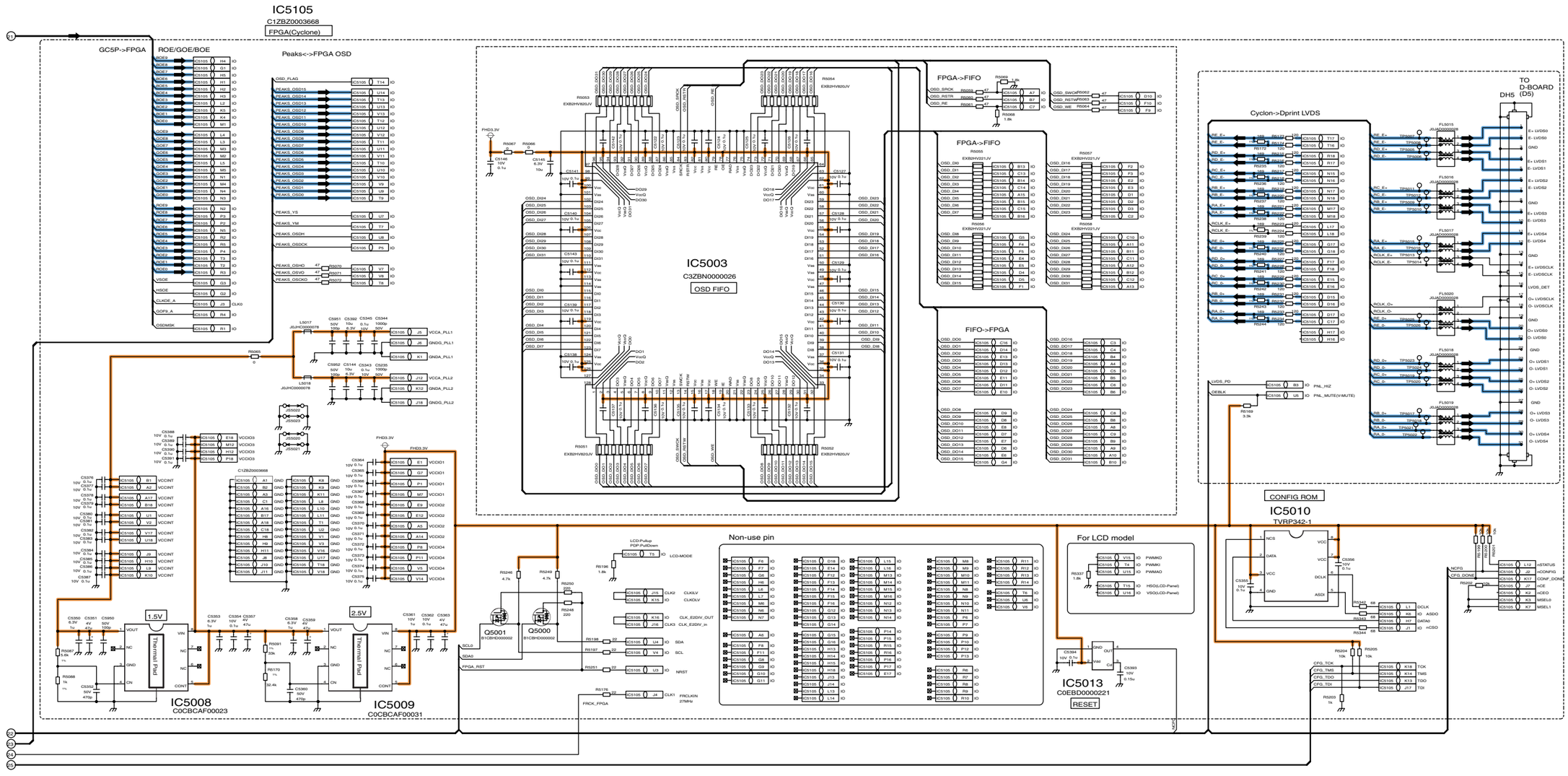
15.45. DH-Board (3 of 4) Schematic Diagram

⚠ DH-BOARD TNPA4458AD (3/4)

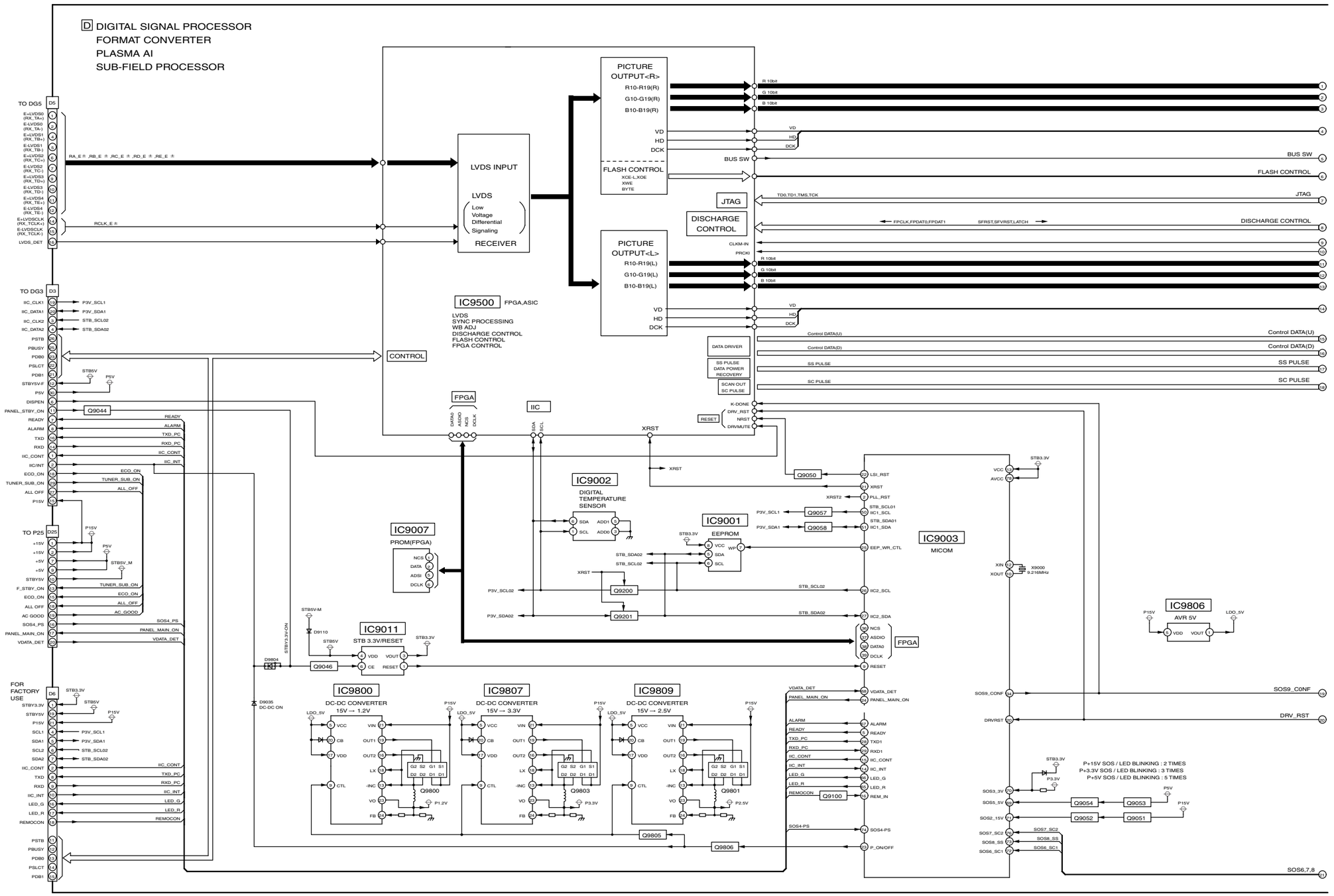


15.46. DH-Board (4 of 4) Schematic Diagram

⚠ DH-BOARD TNPA4458AD (4/4)



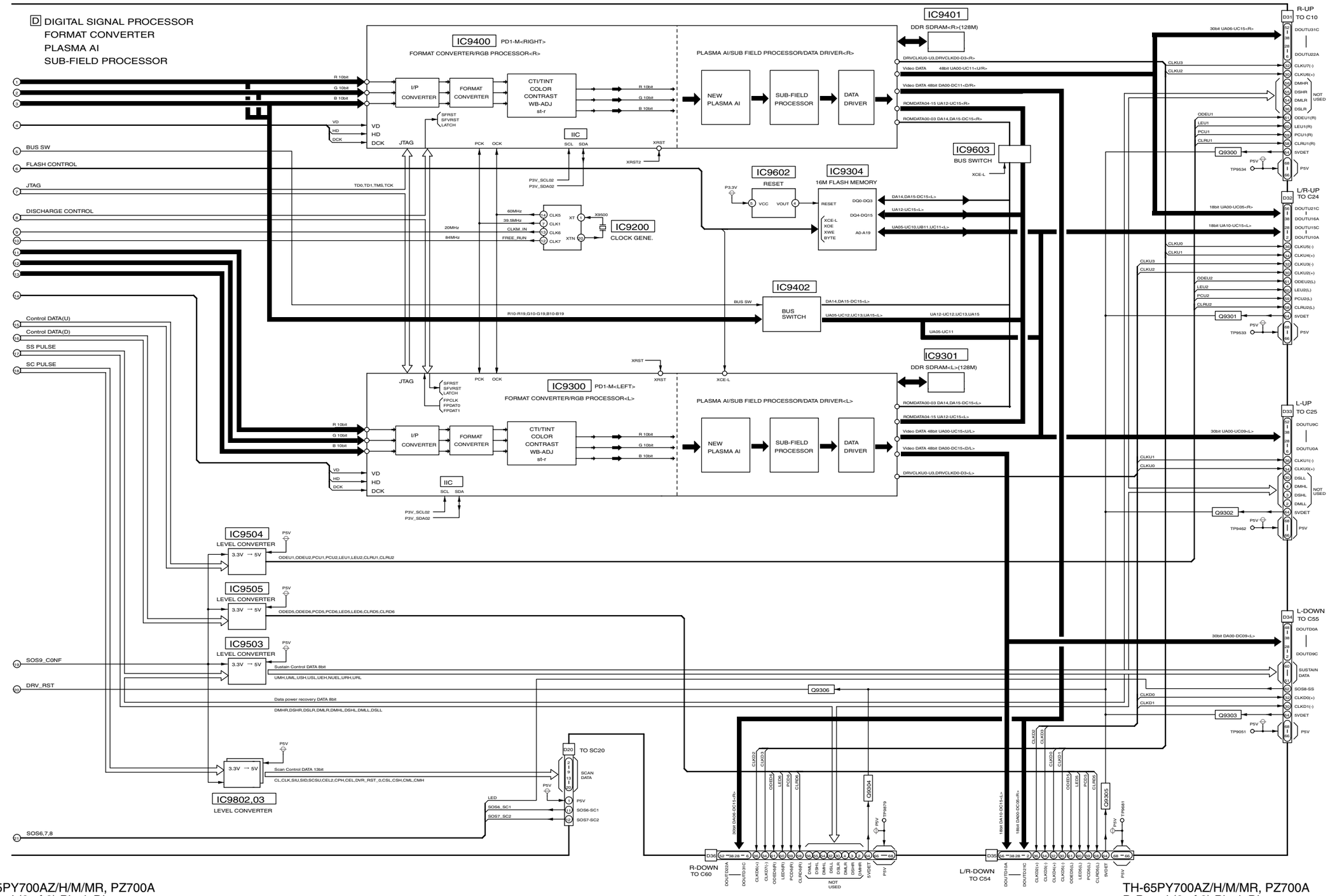
15.47. D-Board (1 of 2) Block Diagram



TH-65PY700AZ/H/M/MR, PZ700A
D-Board (1 of 2) Block Diagram

TH-65PY700AZ/H/M/MR, PZ700A
D-Board (1 of 2) Block Diagram

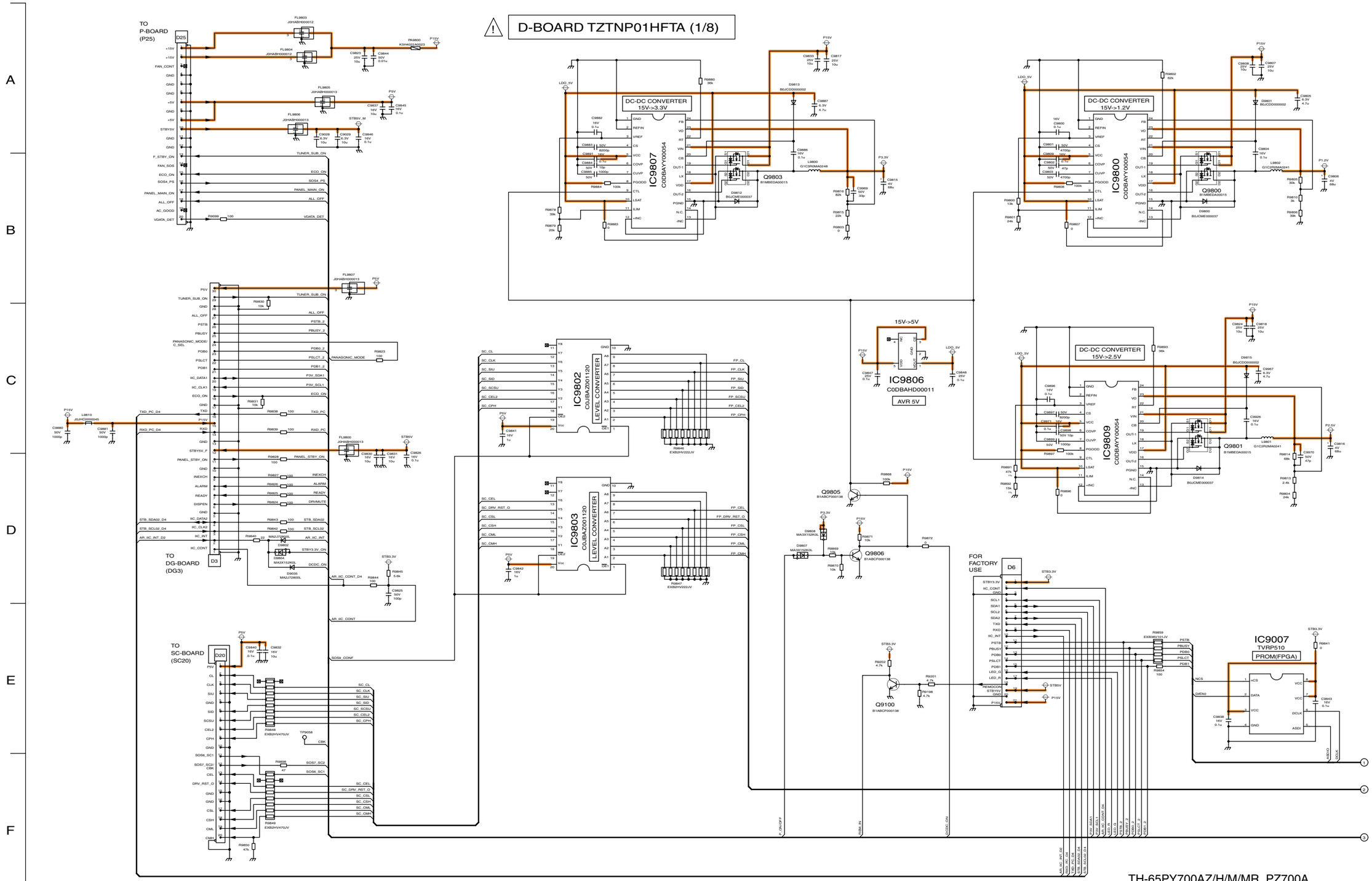
15.48. D-Board (2 of 2) Block Diagram



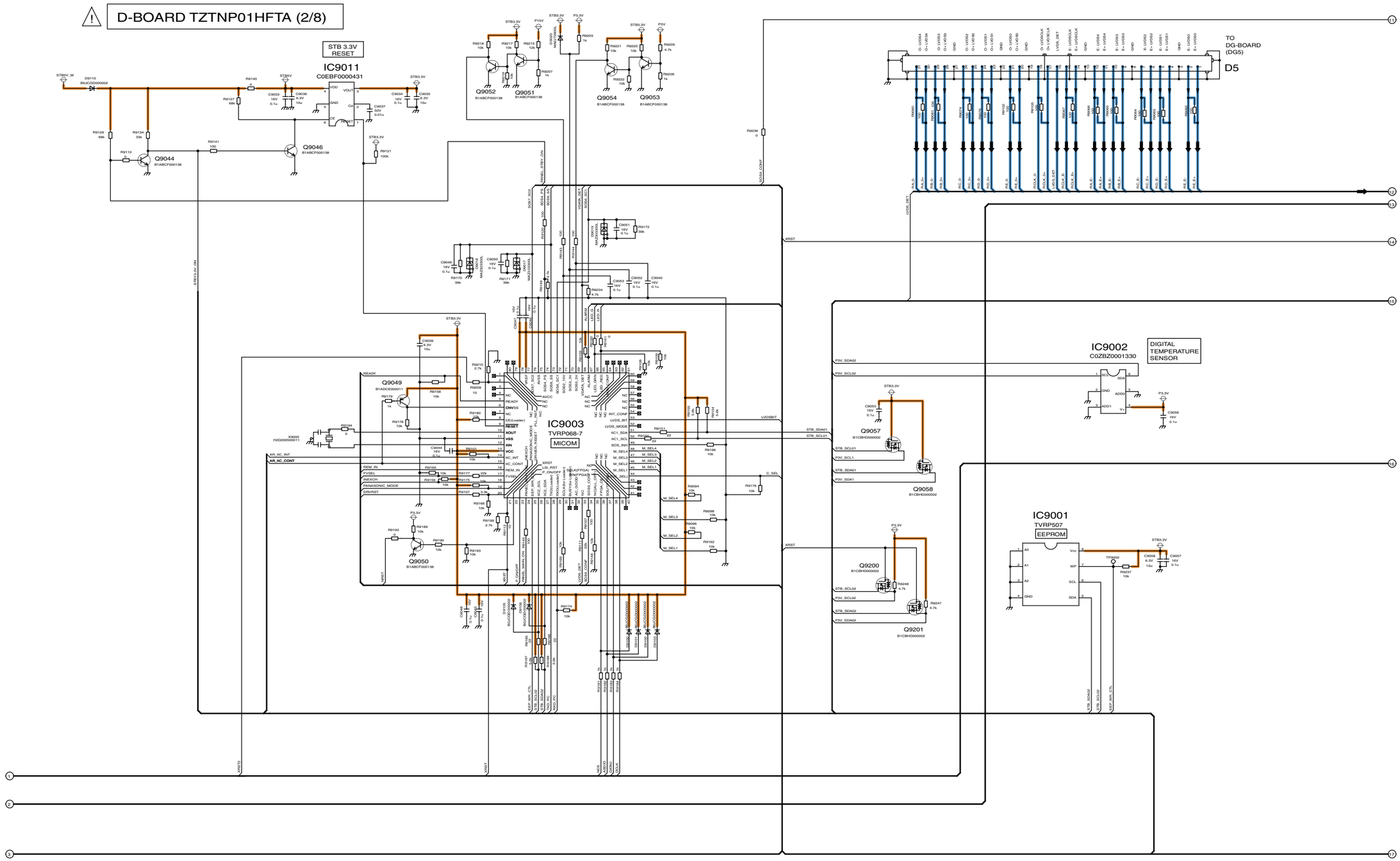
TH-65PY700AZ/H/M/MR, PZ700A
D-Board (2 of 2) Block Diagram

TH-65PY700AZ/H/M/MR, PZ700A
D-Board (2 of 2) Block Diagram

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



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

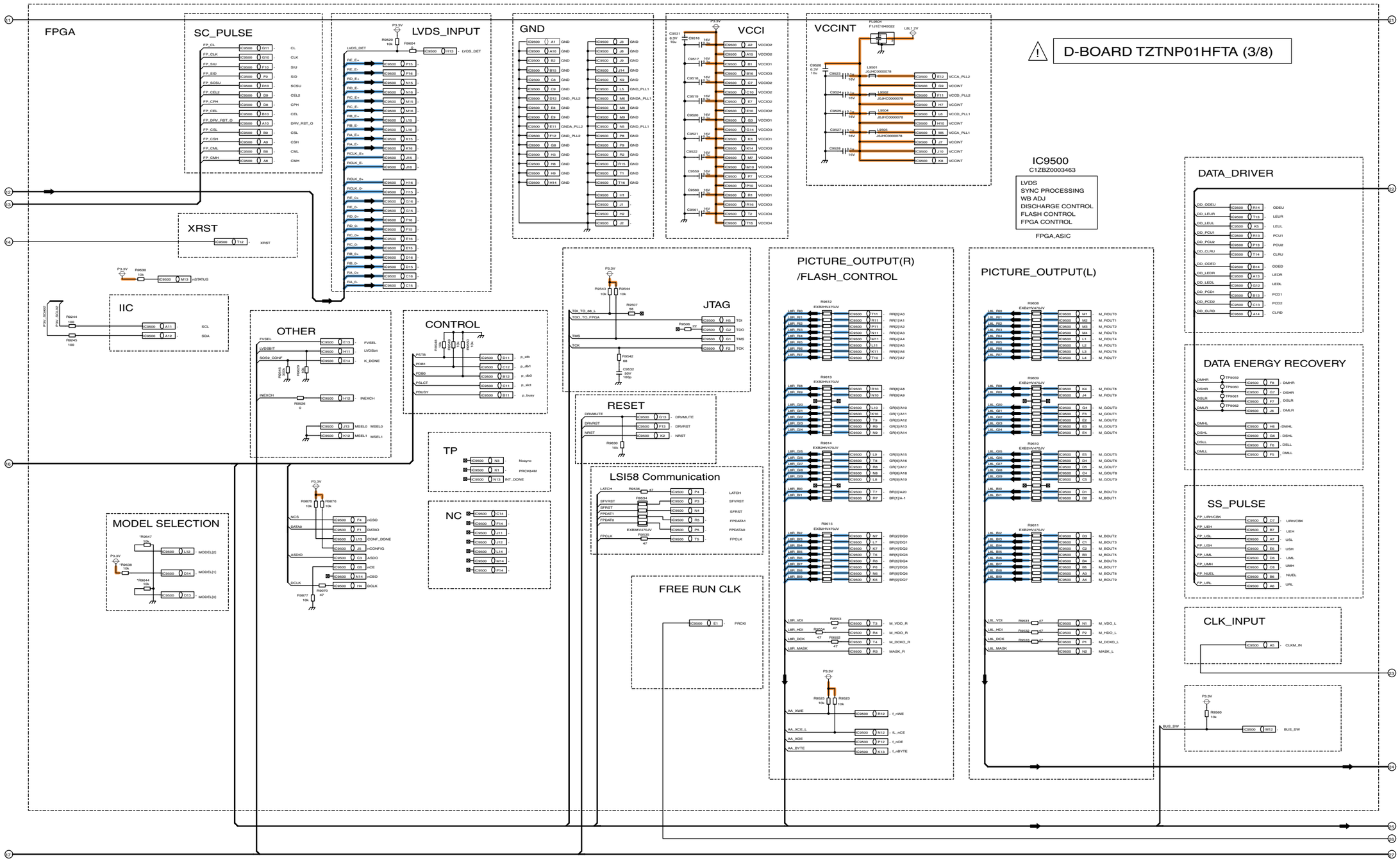


TH-65PY700AZ/H/M/MR, PZ700A
D-Board (2 of 8) Schematic Diagram

TH-65PY700AZ/H/M/MR, PZ700A
D-Board (2 of 8) Schematic Diagram

10 11 12 13 14 15 16 17 18

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



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

D-BOARD TZTNP01HFTA (4/8)

LEVEL CONVERTER

IC9503 C0JBAZ001120 3.3V->5V

IC9504 C0JBAZ001120 3.3V->5V

IC9505 C0JBAZ001120 3.3V->5V

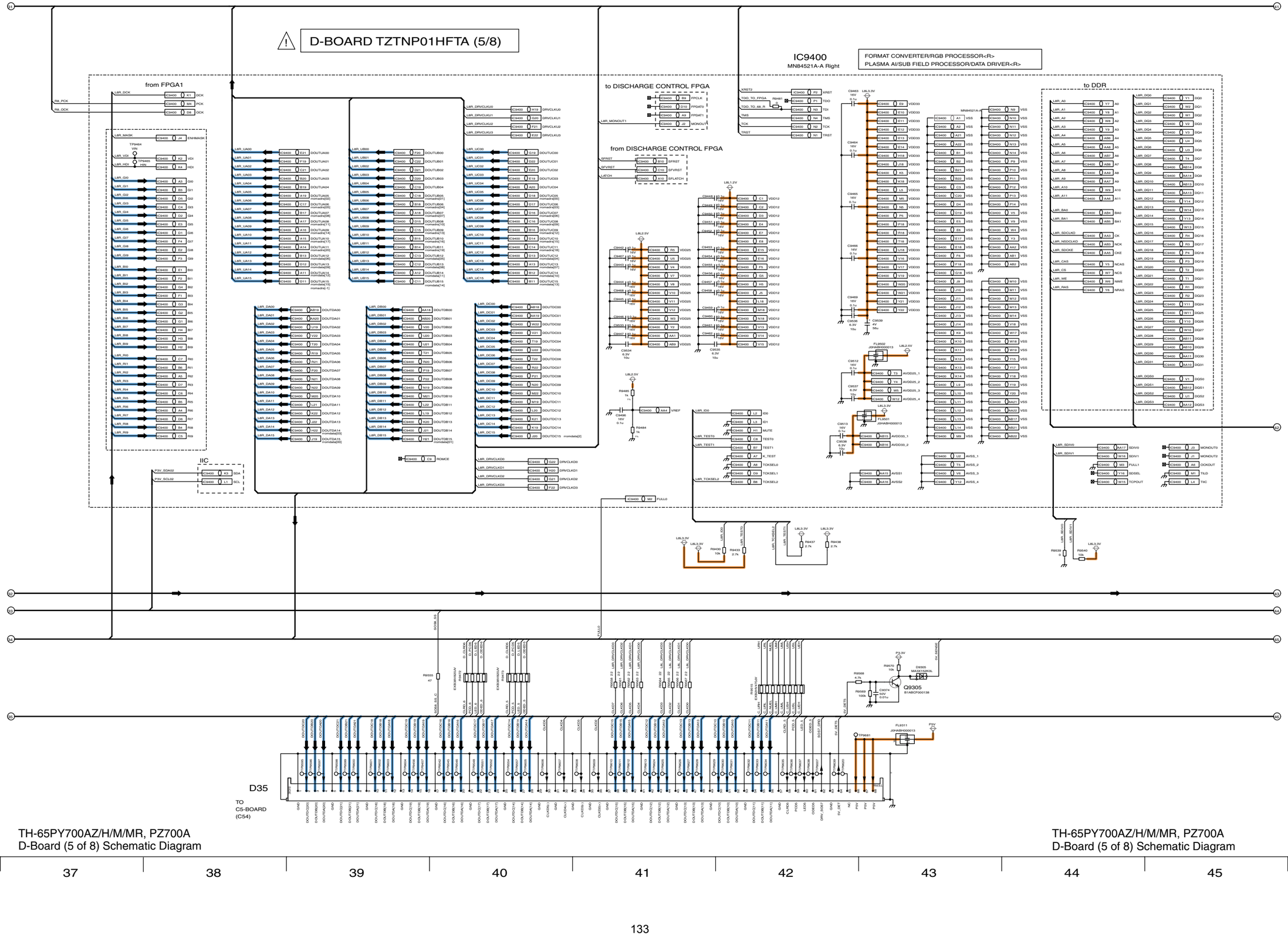
IC9402 C0JBAZ002614 BUS SWITCH

IC9200 C1ZBZ0003473 CLOCK GENE.

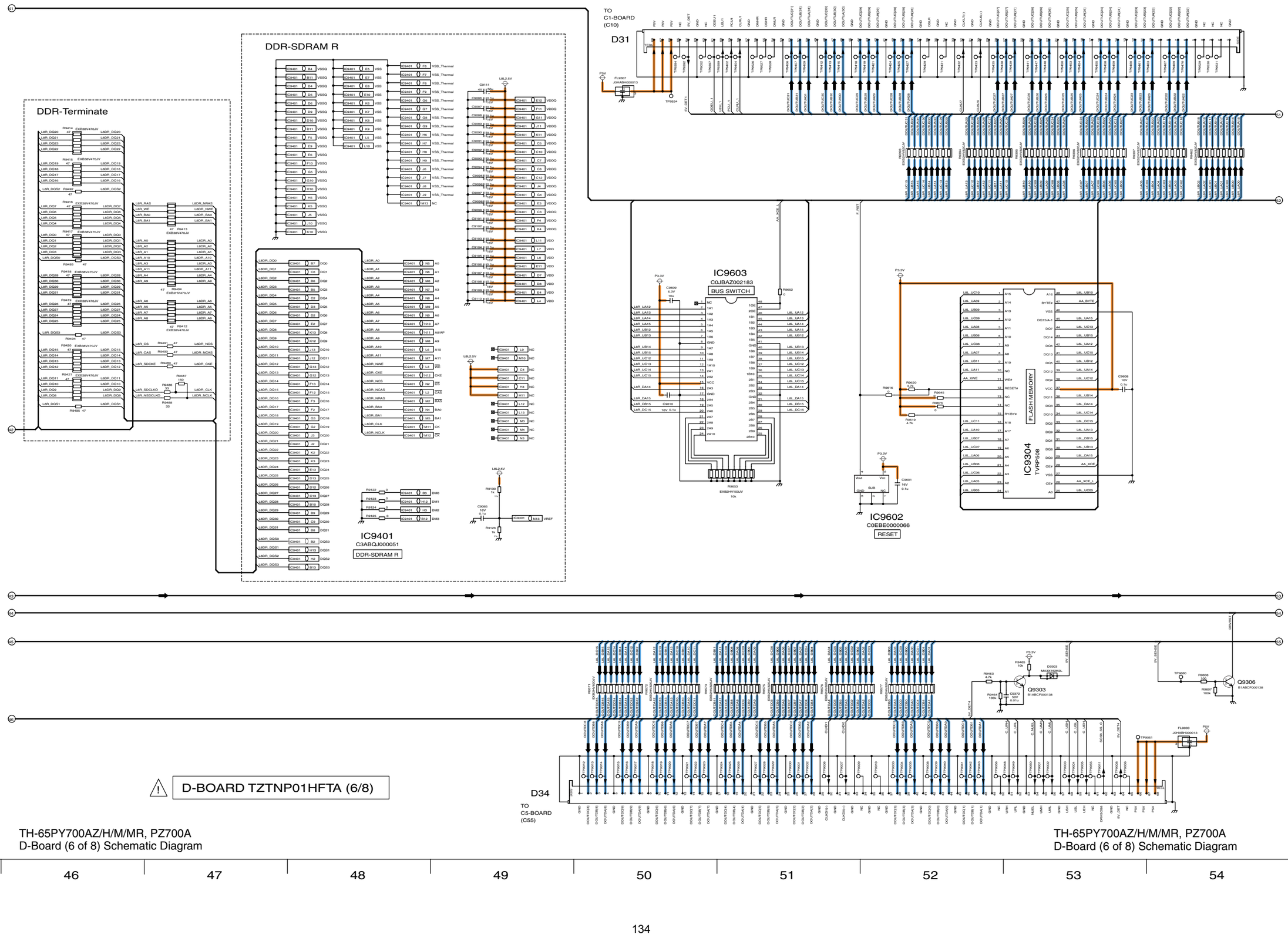
D36 TO C6-BOARD (C60)

TH-65PY700AZ/H/M/MR, PZ700A
D-Board (4 of 8) Schematic Diagram

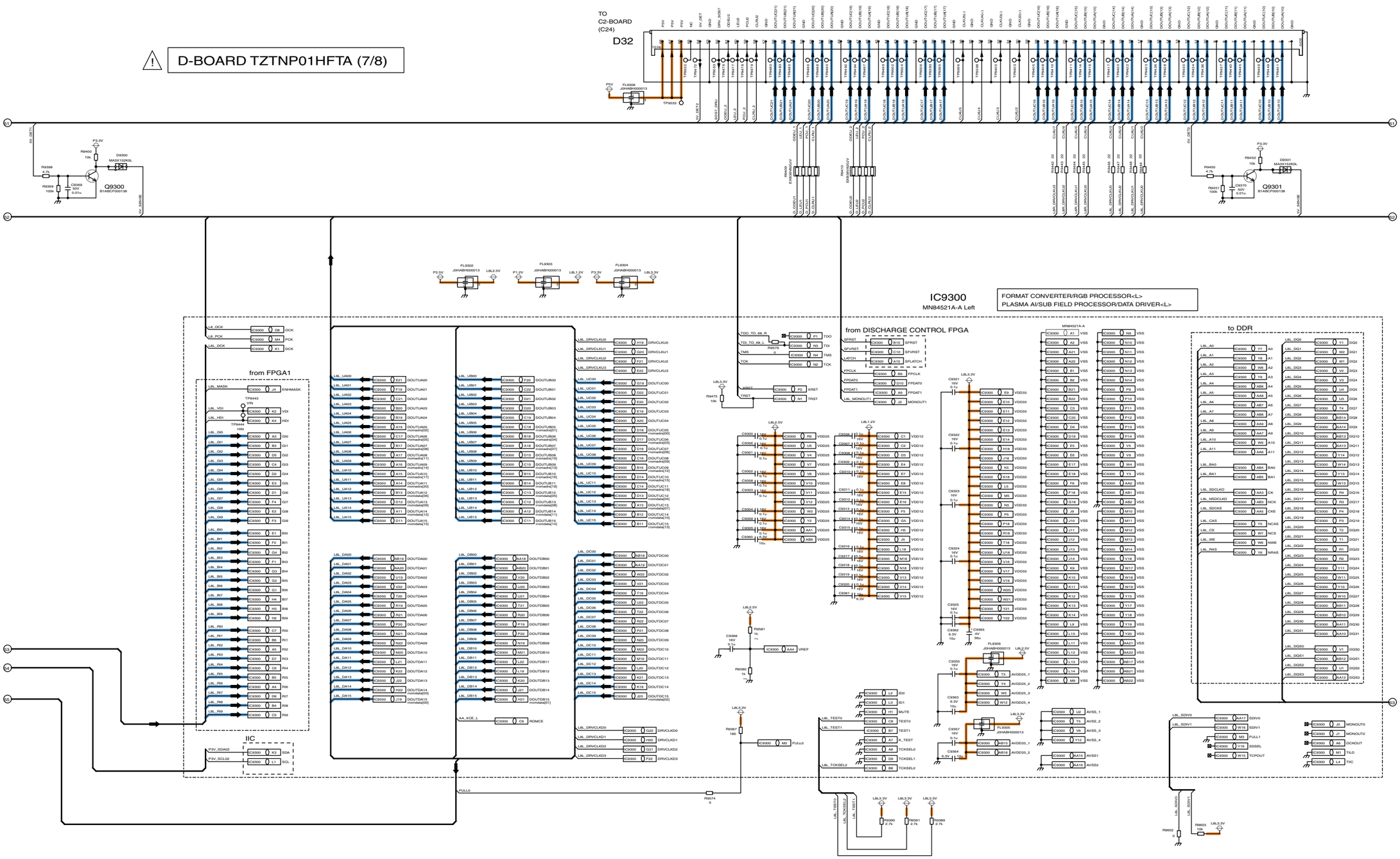
15.53. D-Board (5 of 8) Schematic Diagram



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



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

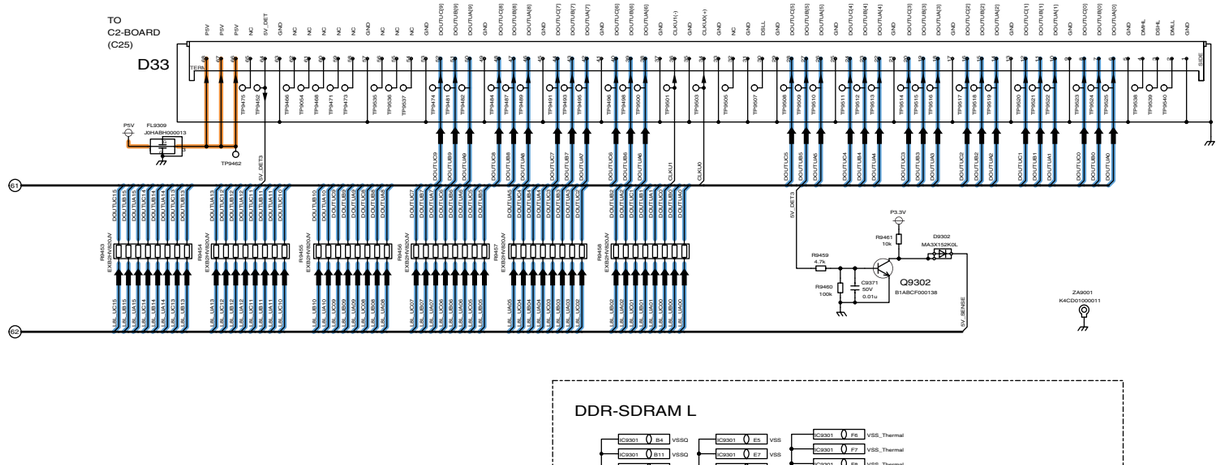


TH-65PY700AZ/H/M/MR, PZ700A
D-Board (7 of 8) Schematic Diagram

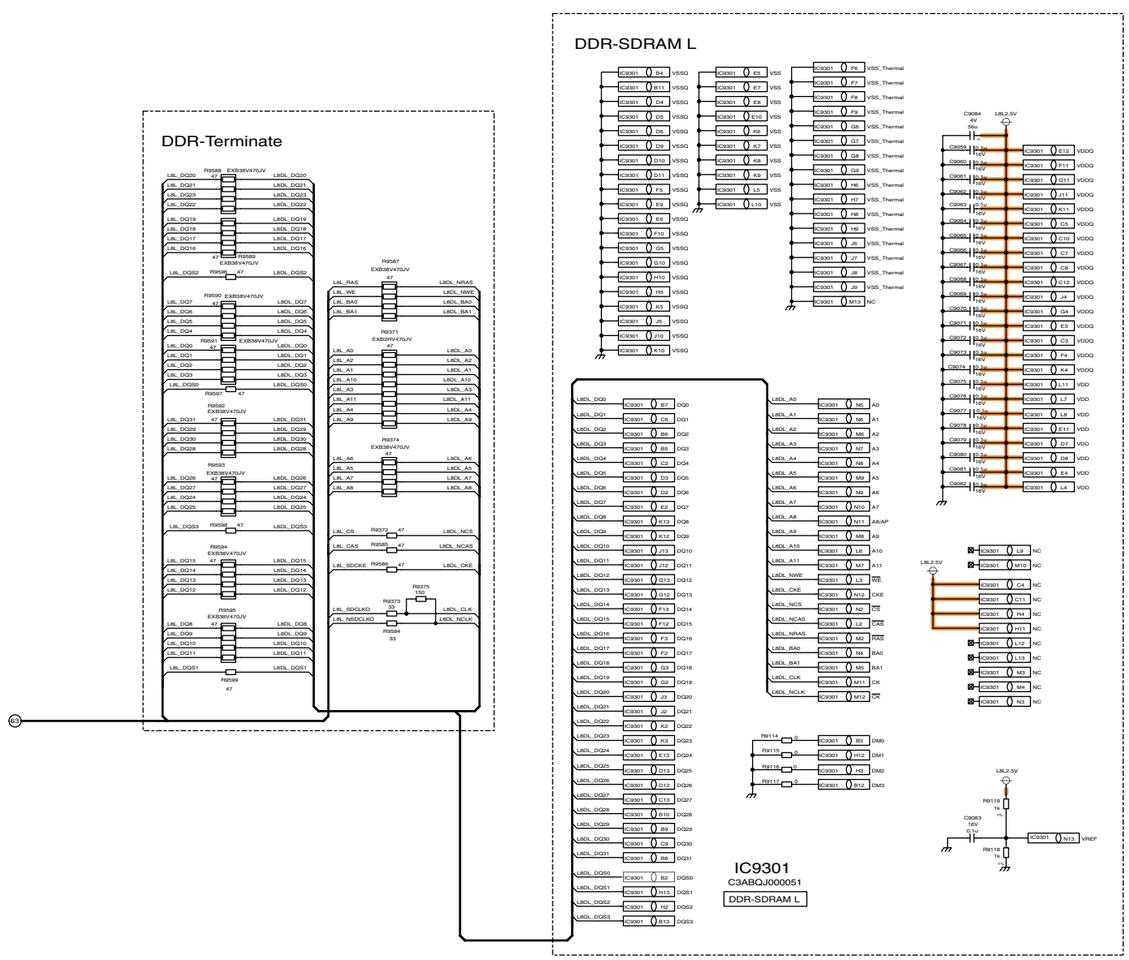
TH-65PY700AZ/H/M/MR, PZ700A
D-Board (7 of 8) Schematic Diagram

55 56 57 58 59 60 61 62 63

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



⚠ D-BOARD TZTNP01HFTA (8/8)

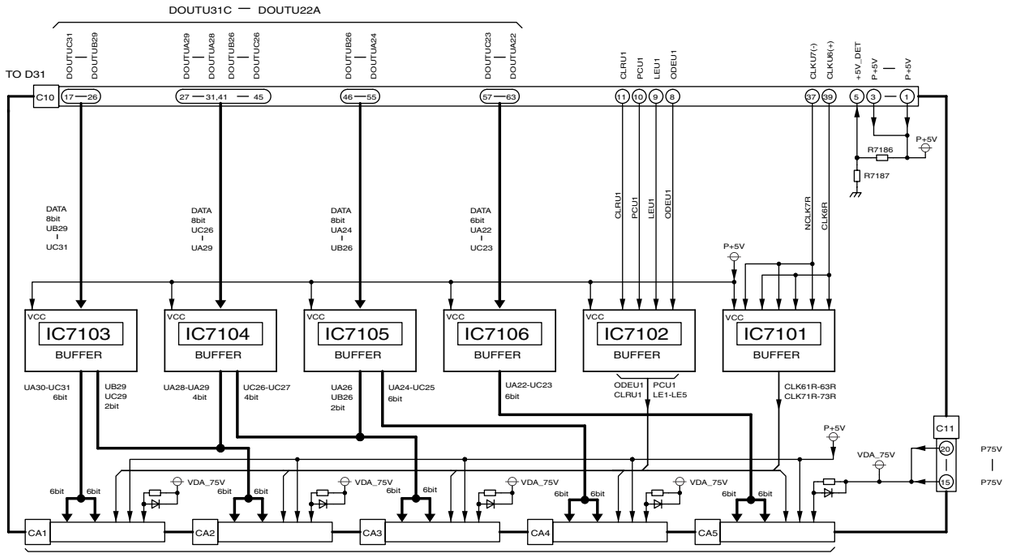


TH-65PY700AZ/H/M/MR, PZ700A
D-Board (8 of 8) Schematic Diagram

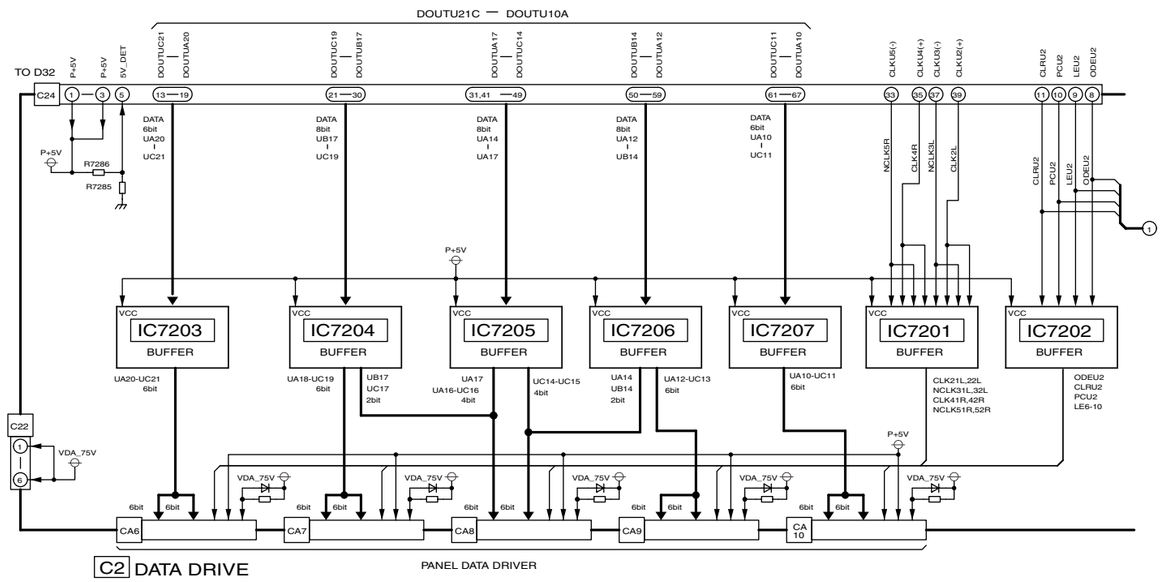
TH-65PY700AZ/H/M/MR, PZ700A
D-Board (8 of 8) Schematic Diagram

64 65 66 67 68 69 70 71 72

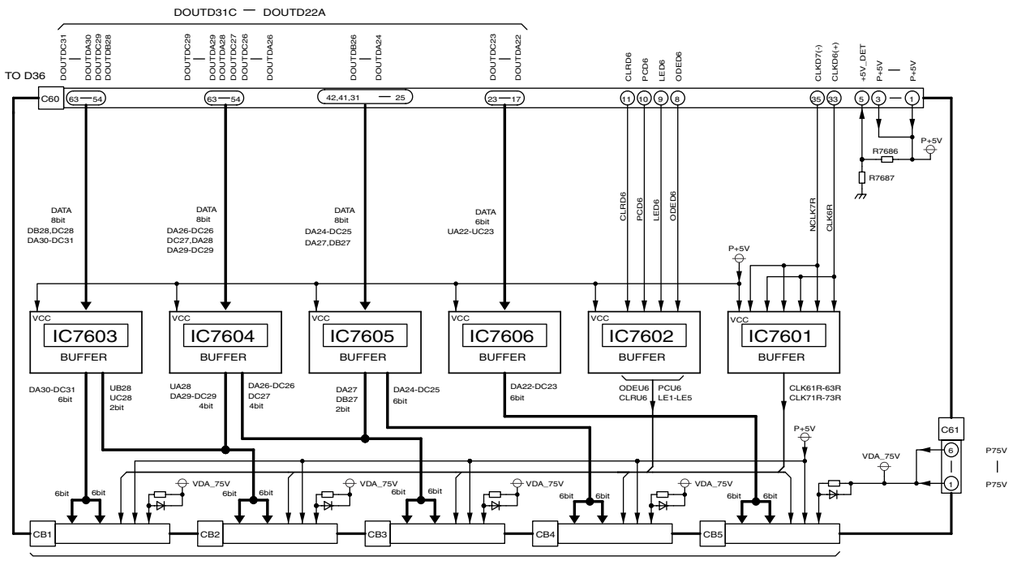
15.57. C1, C2, C5 and C6-Board Block Diagram



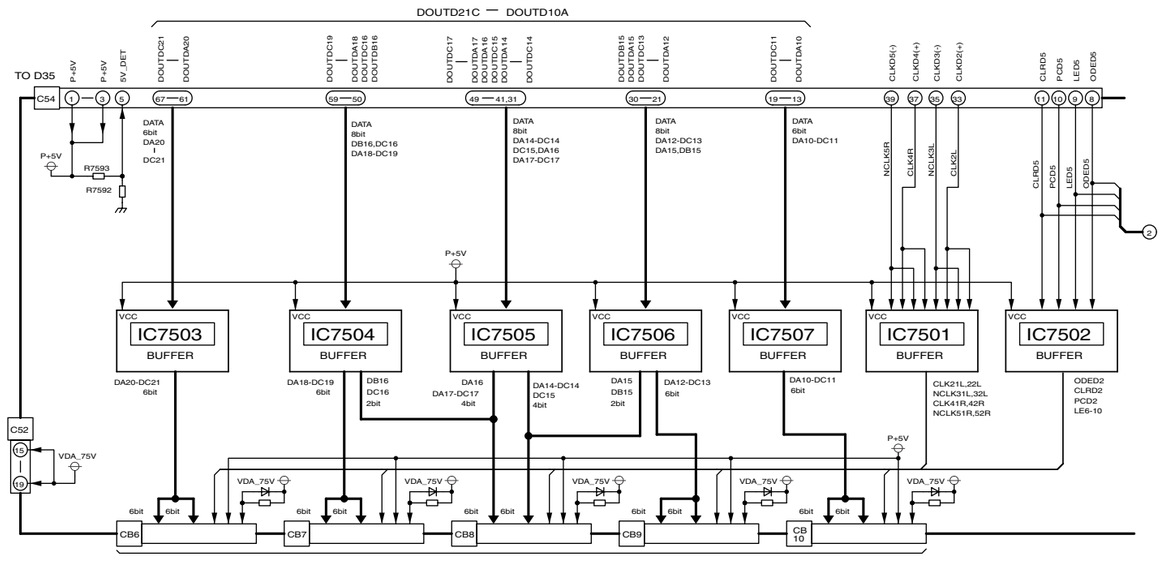
C1 DATA DRIVE
UPPER RIGHT (FRONT VIEW)



C2 DATA DRIVE
UPPER CENTER (FRONT VIEW)



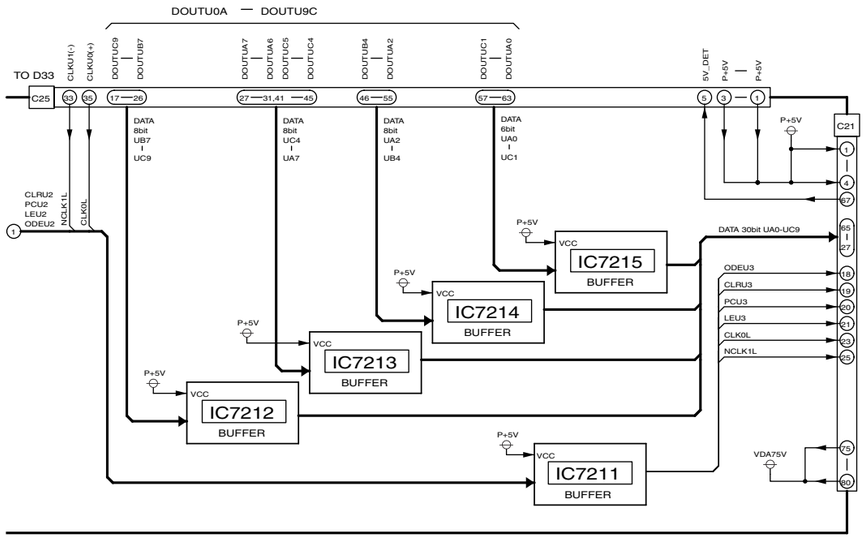
C6 DATA DRIVE
LOWER RIGHT (FRONT VIEW)



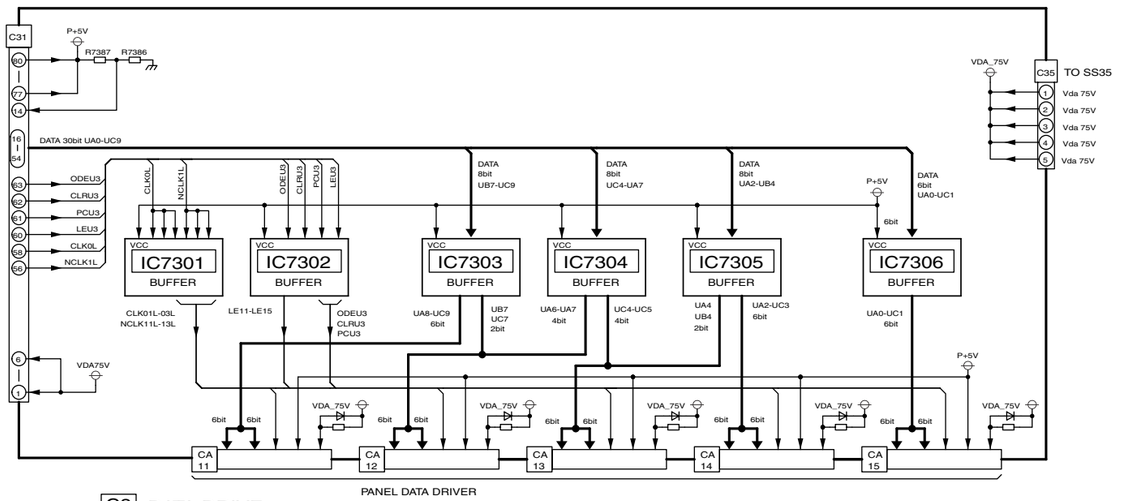
C5 DATA DRIVE
LOWER CENTER (FRONT VIEW)

TH-65PY700AZ/H/M/MR, PZ700A
C1, C2, C5 and C6-Board Block Diagram

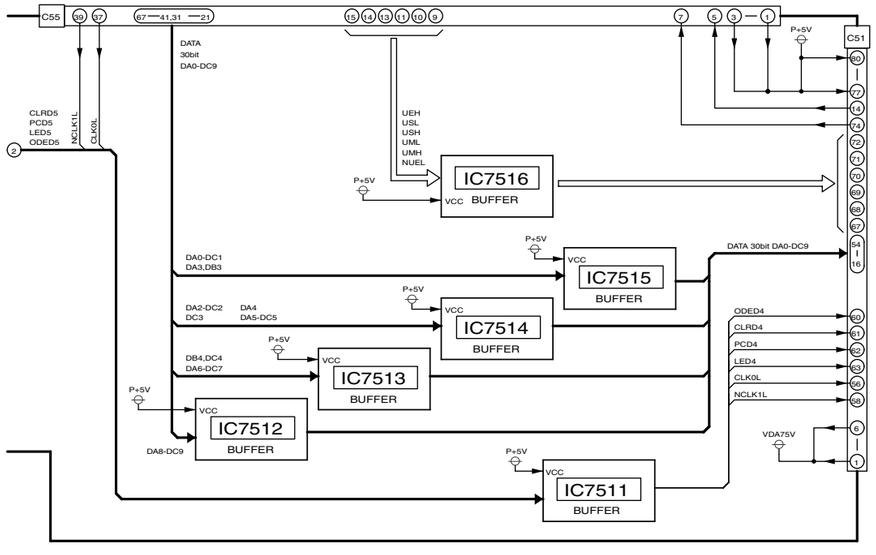
15.58. C2, C3, C4 and C5-Board Block Diagram



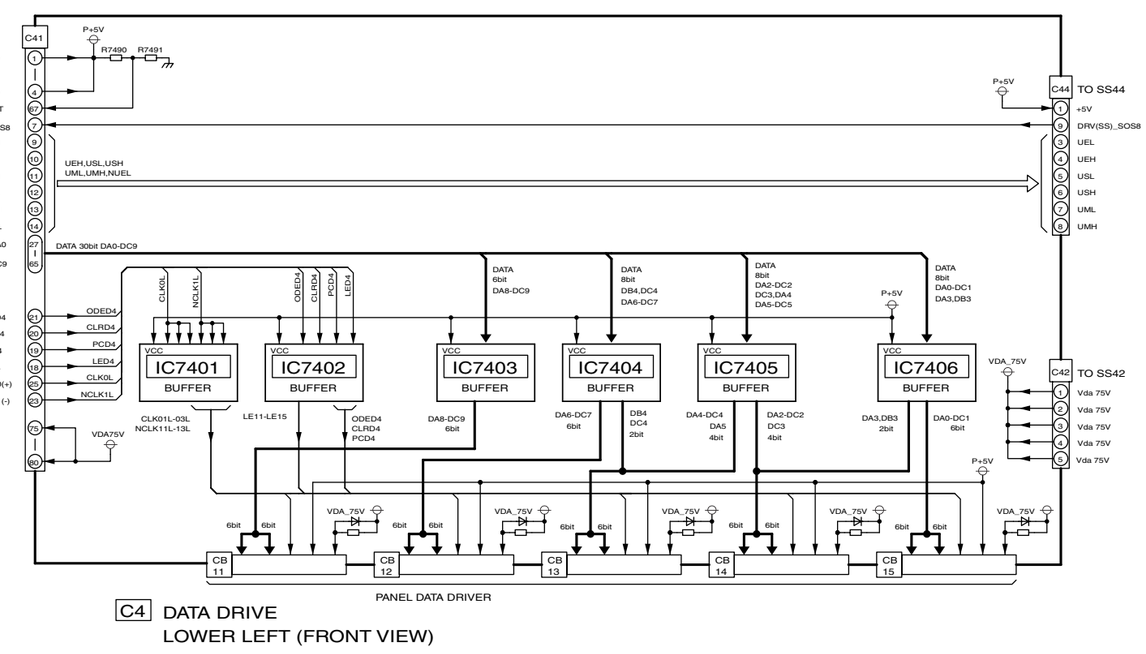
C2 DATA DRIVE
UPPER CENTER (FRONT VIEW)



C3 DATA DRIVE
UPPER LEFT (FRONT VIEW)



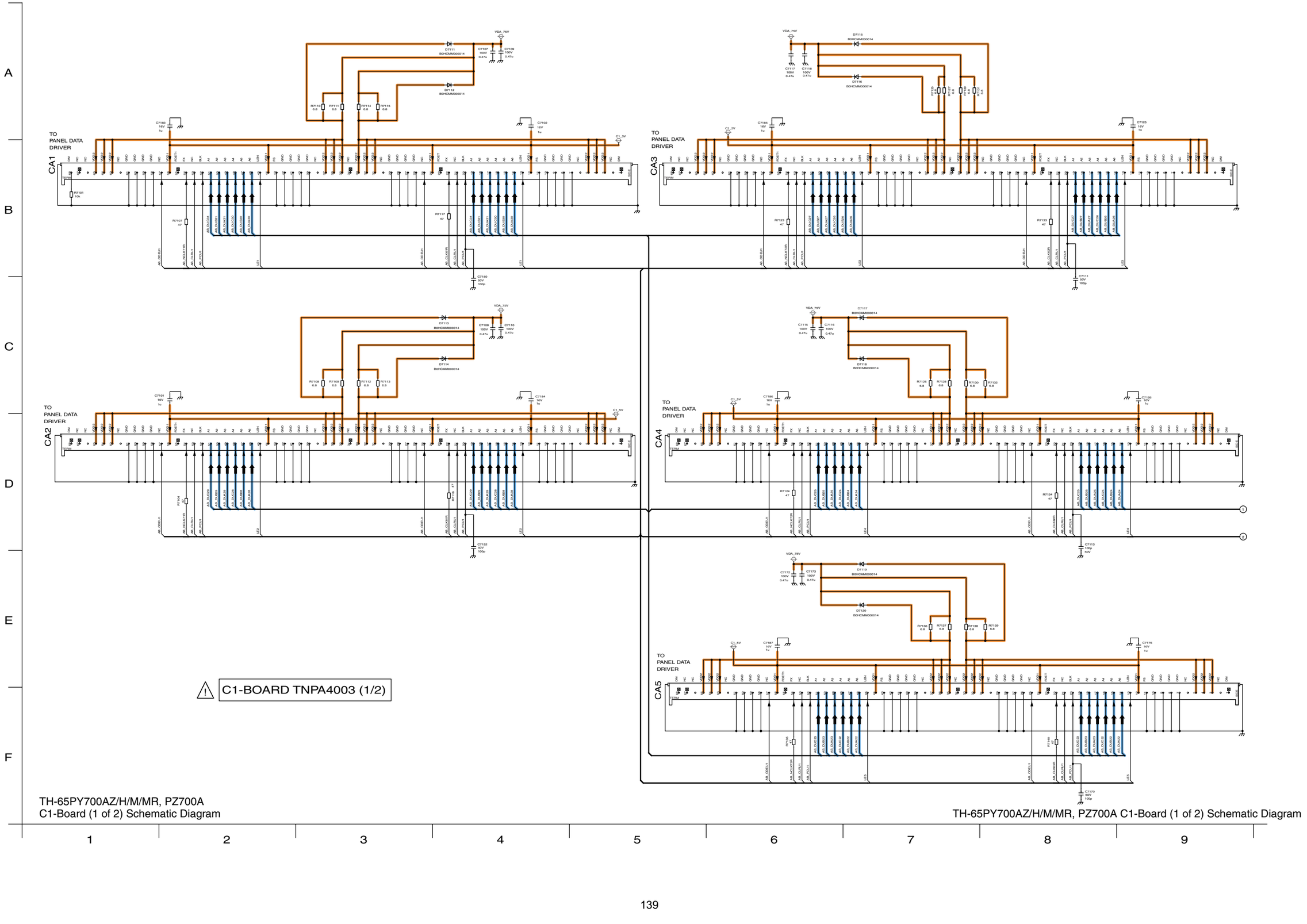
C5 DATA DRIVE
LOWER CENTER (FRONT VIEW)



C4 DATA DRIVE
LOWER LEFT (FRONT VIEW)

TH-65PY700AZ/H/M/MR, PZ700A
C2, C3, C4 and C5-Board Block Diagram

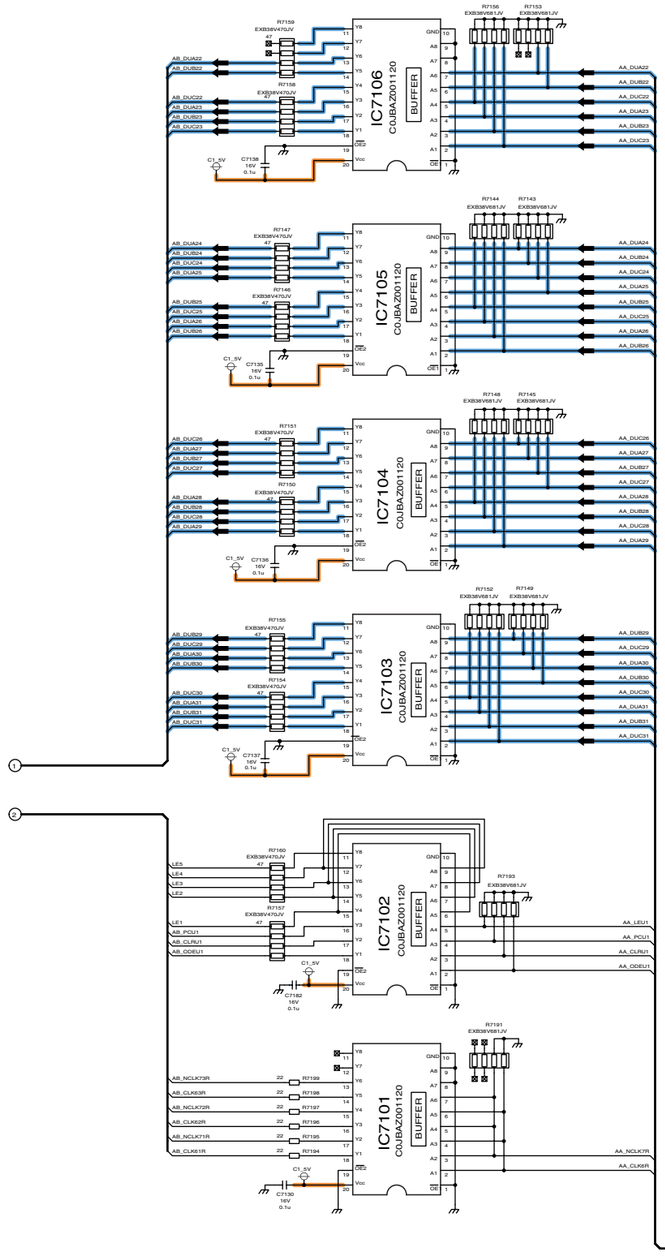
15.59. C1-Board (1 of 2) Schematic Diagram



TH-65PY700AZ/H/M/MR, PZ700A
C1-Board (1 of 2) Schematic Diagram

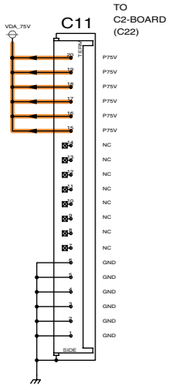
TH-65PY700AZ/H/M/MR, PZ700A C1-Board (1 of 2) Schematic Diagram

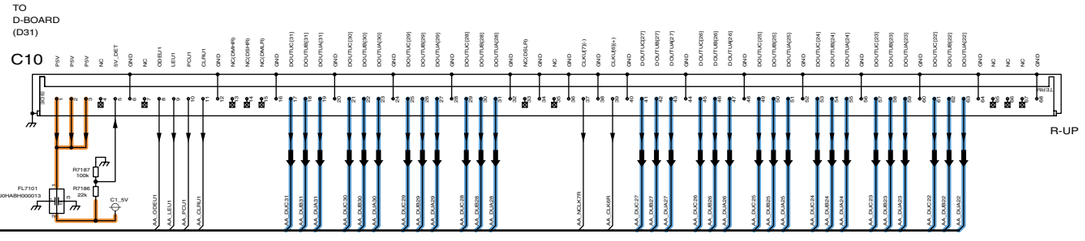
15.60. C1-Board (2 of 2) Schematic Diagram



⚠ C1-BOARD TNPA4003 (2/2)





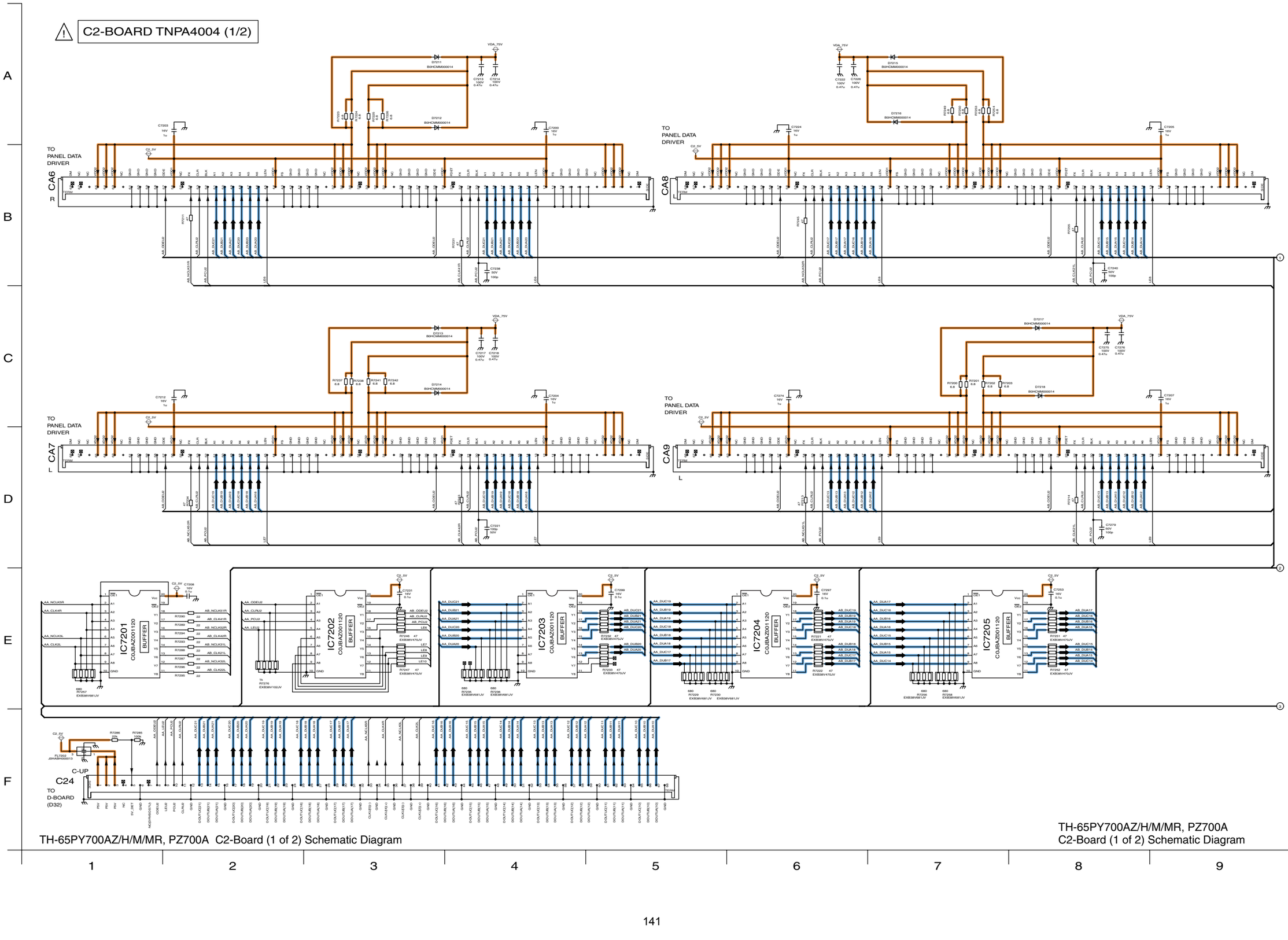


TH-65PY700AZ/H/M/MR, PZ700A
C1-Board (2 of 2) Schematic Diagram

TH-65PY700AZ/H/M/MR, PZ700A
C1-Board (2 of 2) Schematic Diagram

10 11 12 13 14 15 16 17 18

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

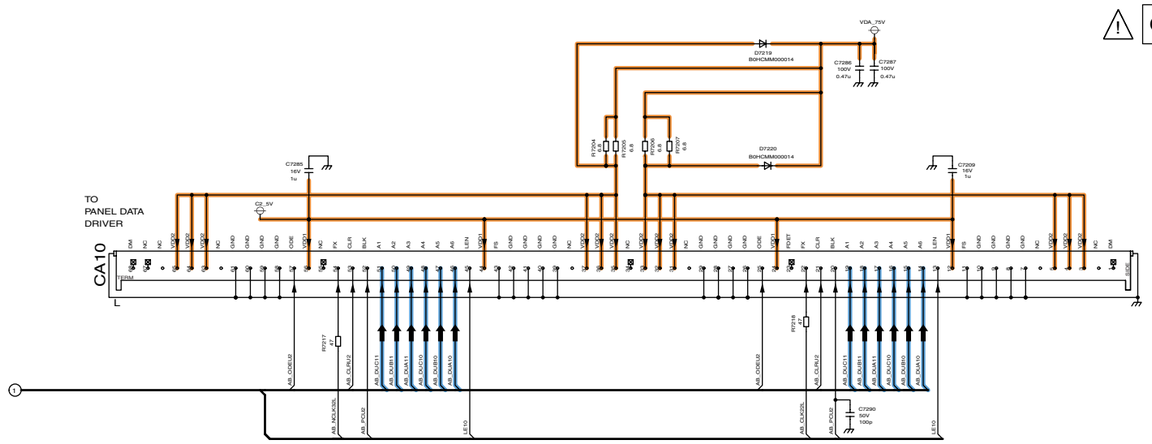


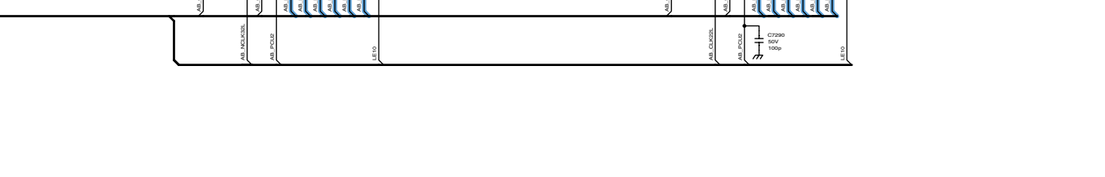
TH-65PY700AZ/H/M/MR, PZ700A C2-Board (1 of 2) Schematic Diagram

TH-65PY700AZ/H/M/MR, PZ700A
C2-Board (1 of 2) Schematic Diagram

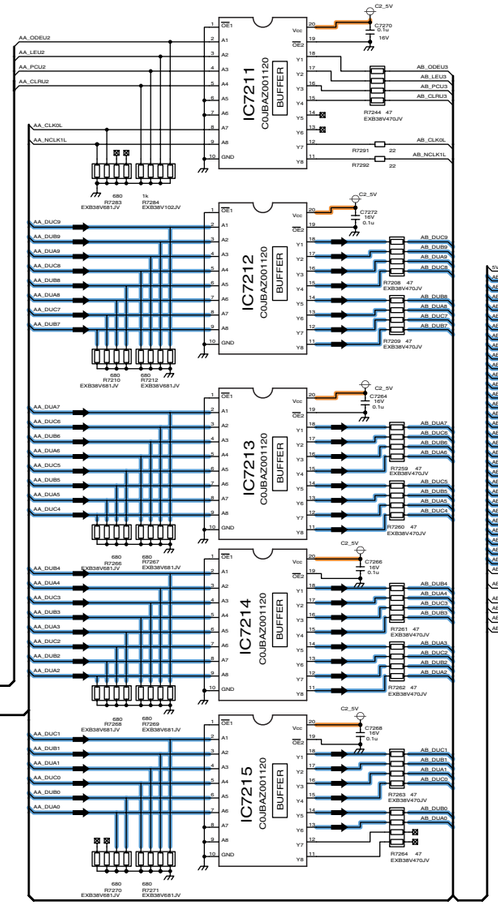
15.62. C2-Board (2 of 2) Schematic Diagram

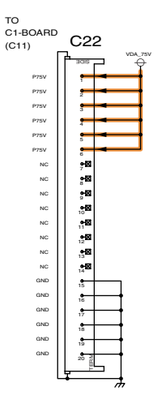
C2-BOARD TNPA4004 (2/2)





TH-65PY700AZ/H/M/MR, PZ700A
C2-Board (2 of 2) Schematic Diagram

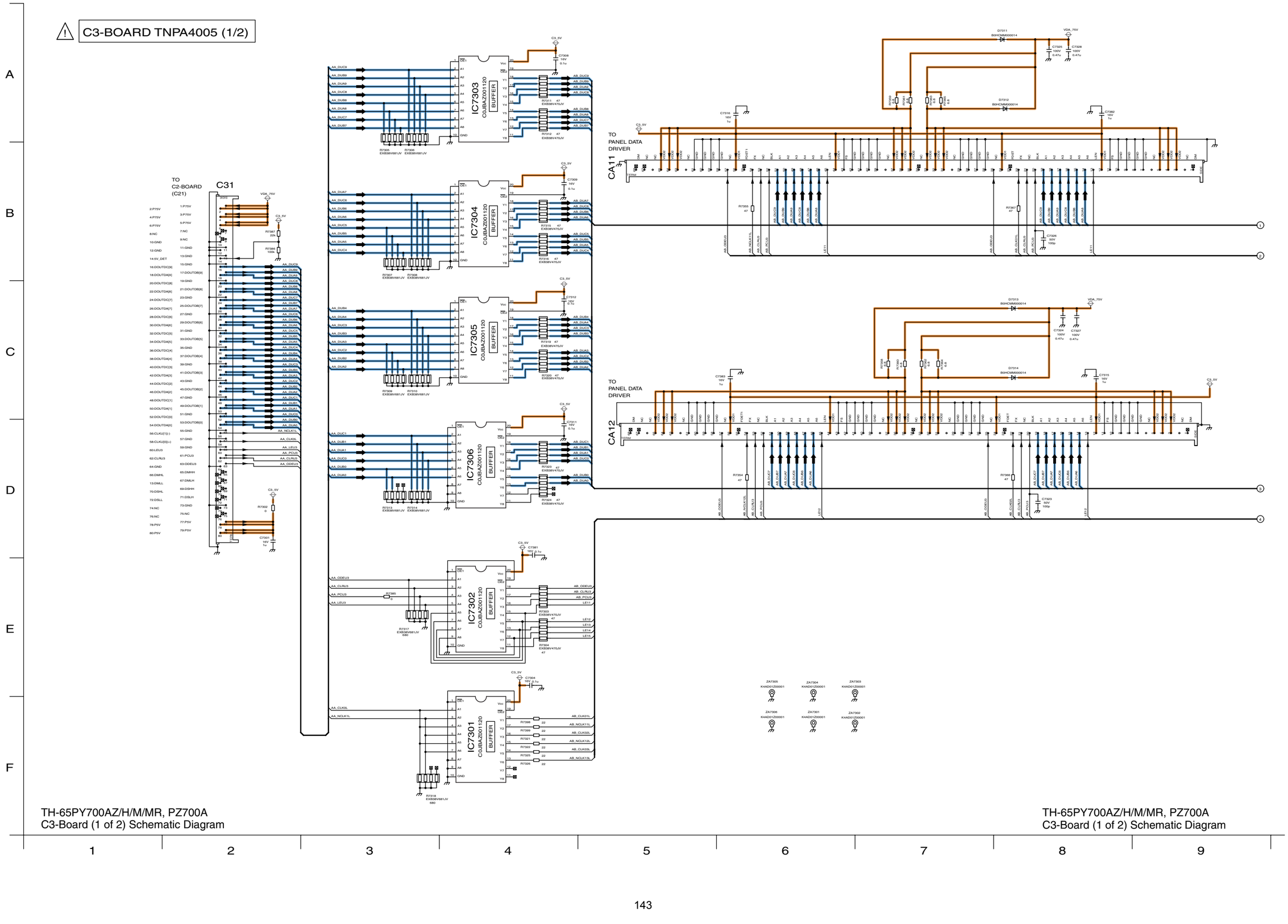




TH-65PY700AZ/H/M/MR, PZ700A
C2-Board (2 of 2) Schematic Diagram

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

C3-BOARD TNPA4005 (1/2)

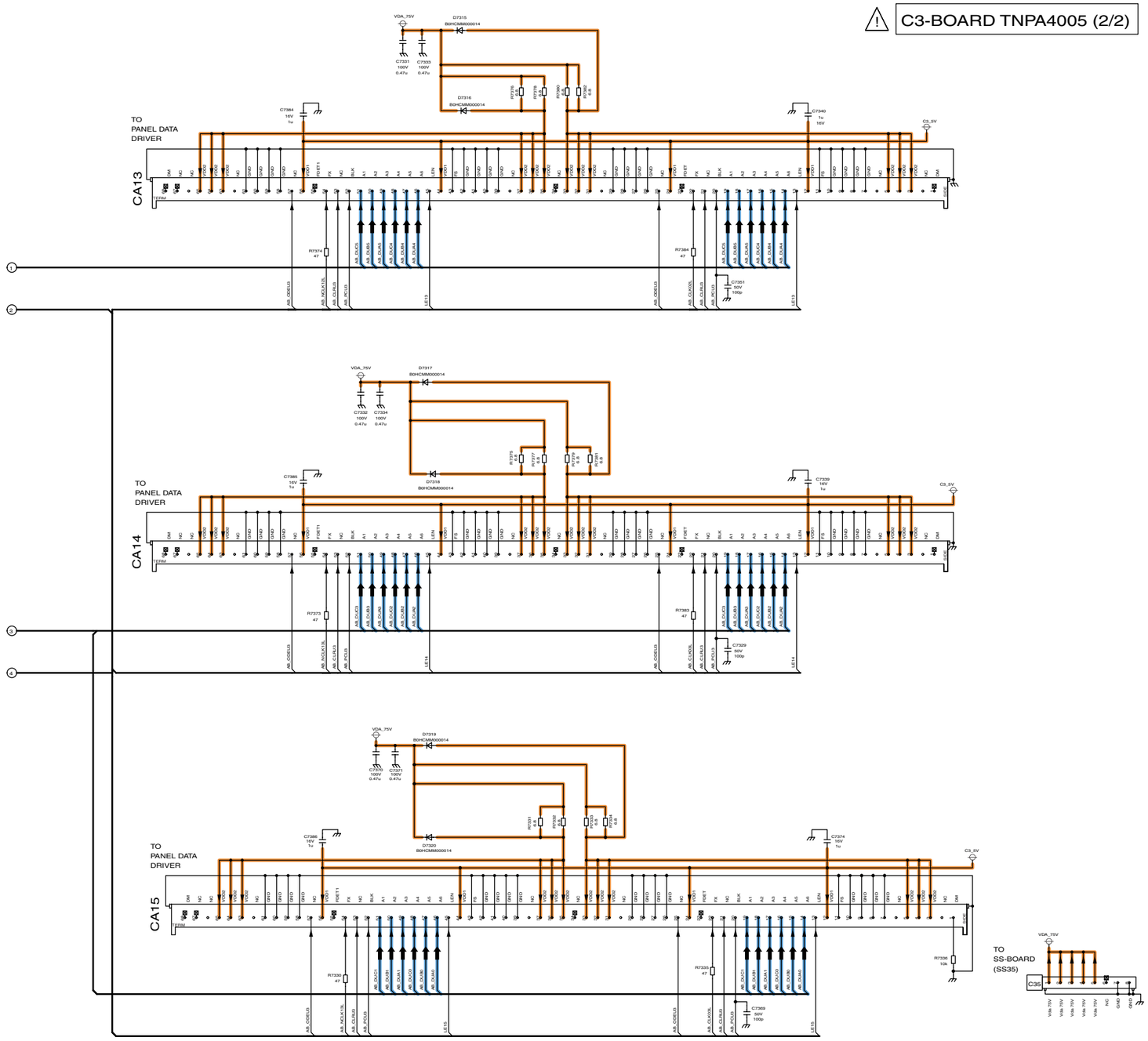


TH-65PY700AZ/H/M/MR, PZ700A
C3-Board (1 of 2) Schematic Diagram

TH-65PY700AZ/H/M/MR, PZ700A
C3-Board (1 of 2) Schematic Diagram

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

C3-BOARD TNPA4005 (2/2)

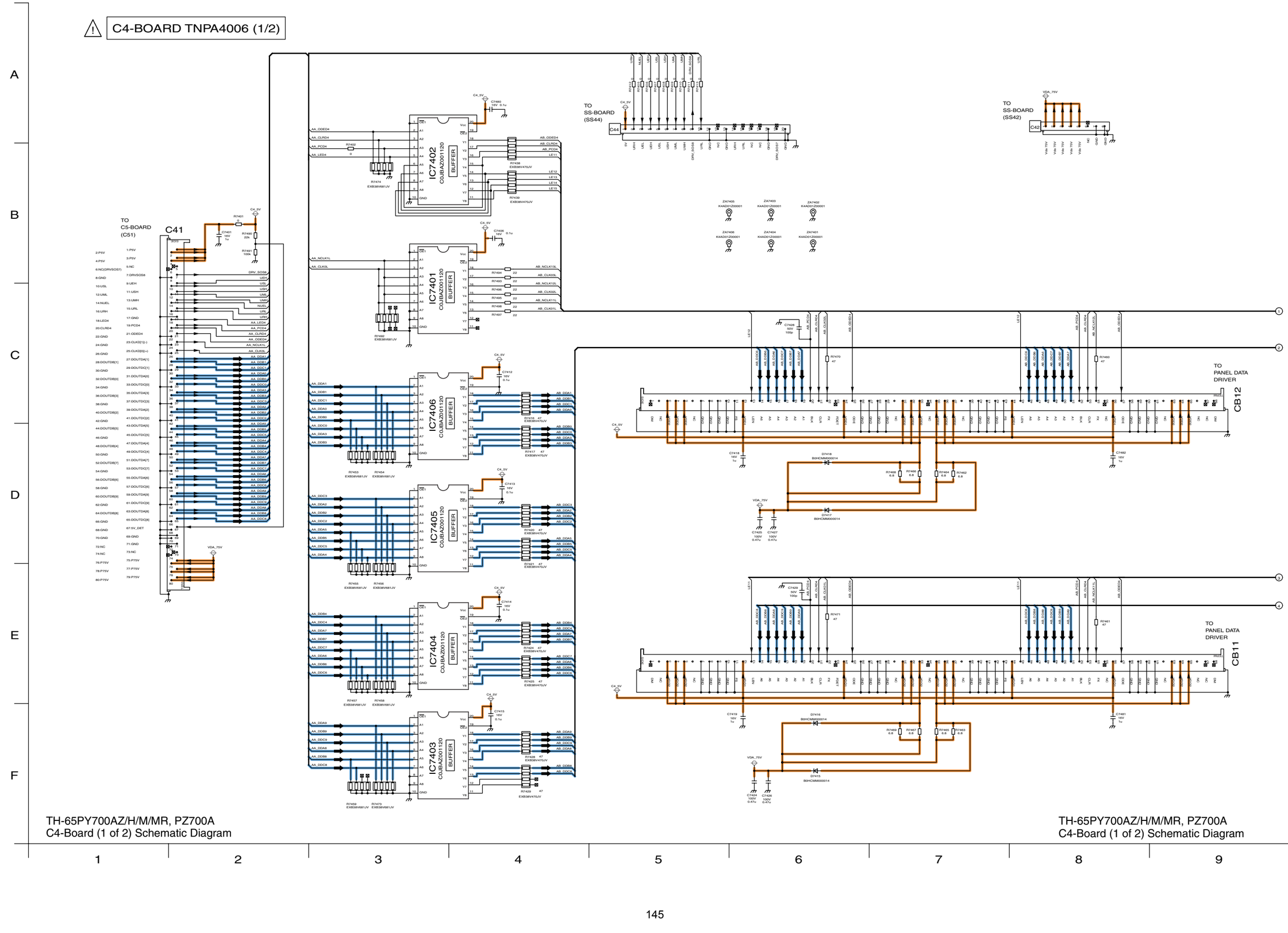


TH-65PY700AZ/H/M/MR, PZ700A
C3-Board (2 of 2) Schematic Diagram

TH-65PY700AZ/H/M/MR, PZ700A
C3-Board (2 of 2) Schematic Diagram

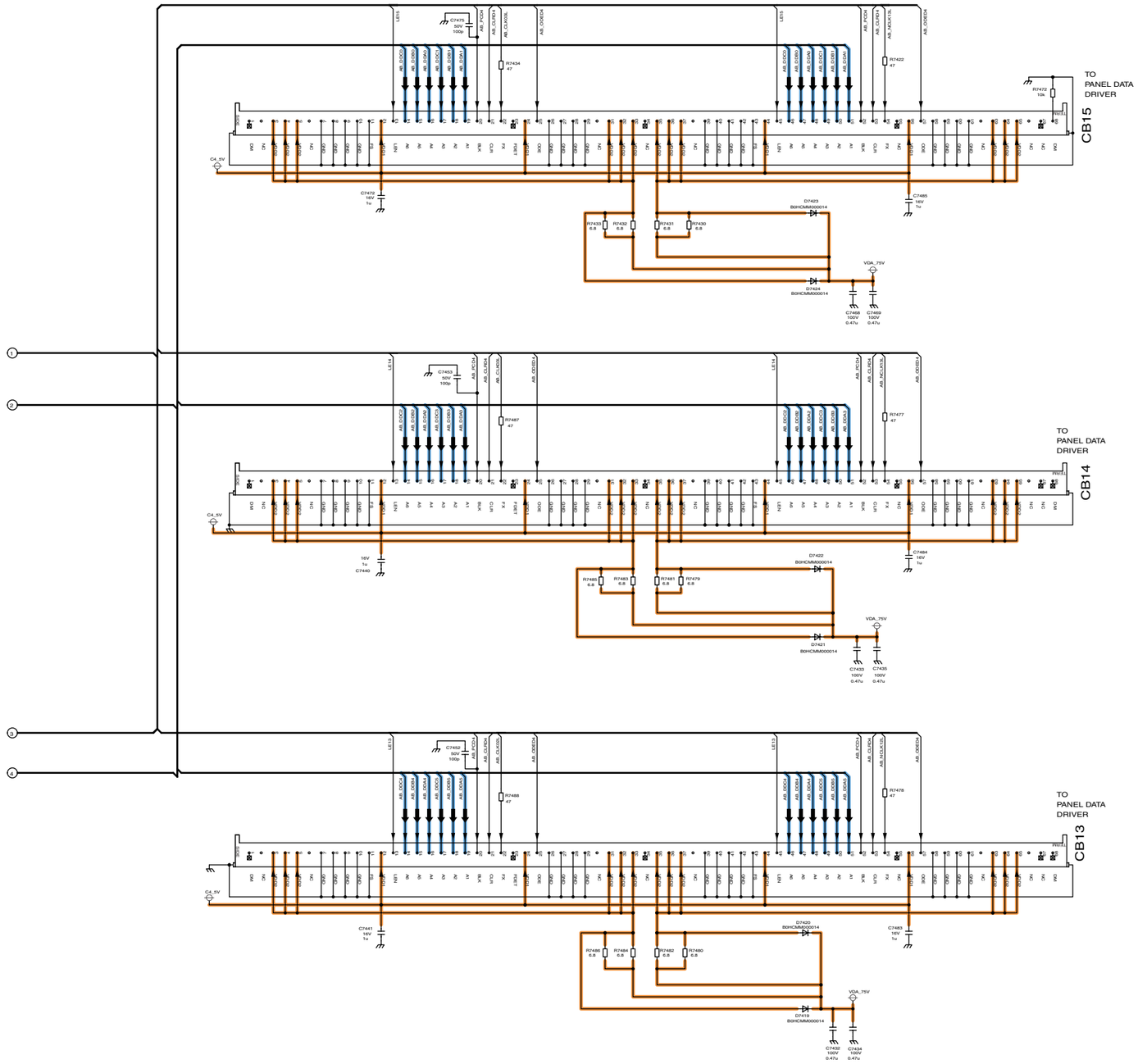
10 11 12 13 14 15 16 17 18

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



TH-65PY700AZ/H/M/MR, PZ700A
C4-Board (1 of 2) Schematic Diagram

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



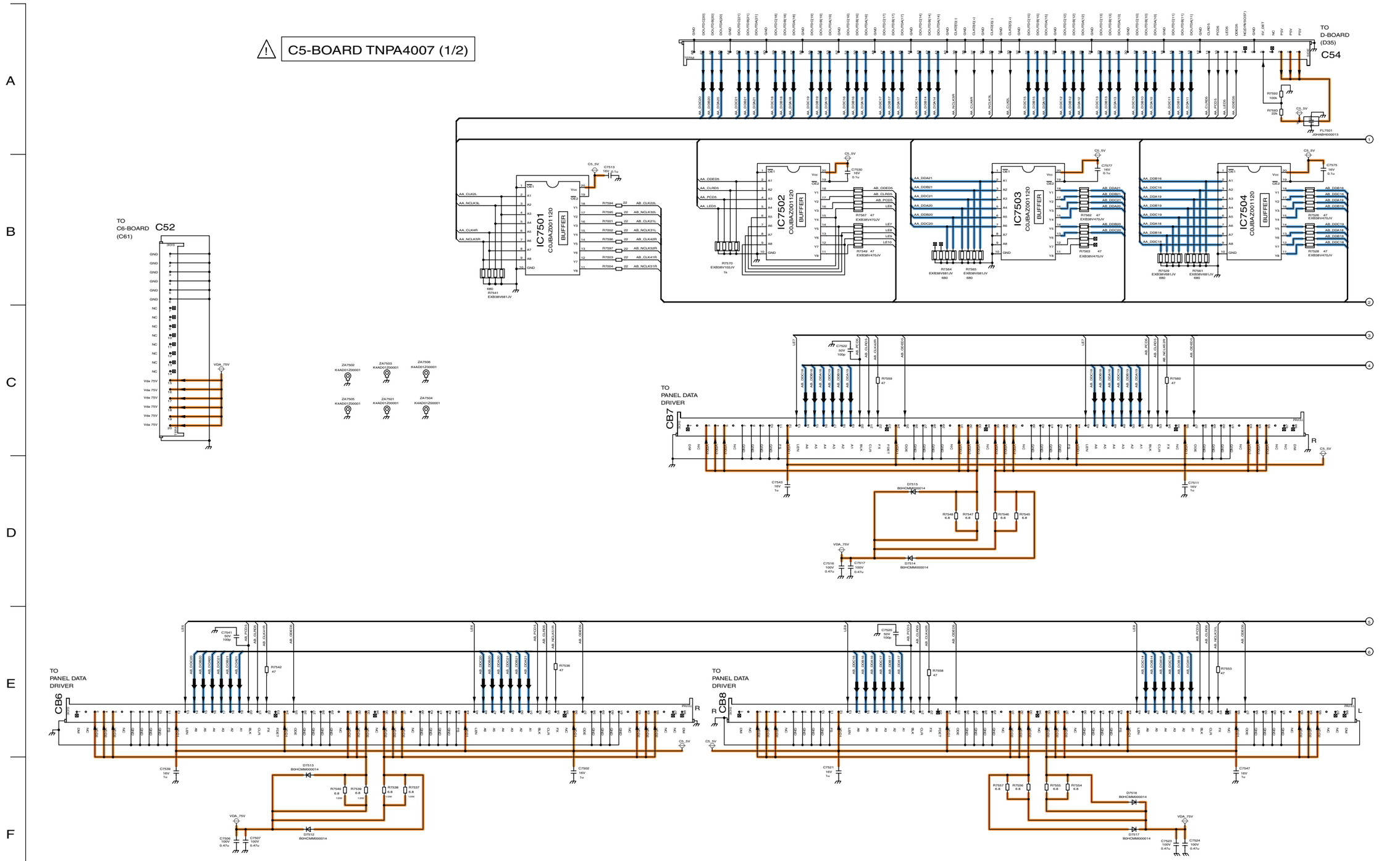
TH-65PY700AZ/H/M/MR, PZ700A
C4-Board (2 of 2) Schematic Diagram

TH-65PY700AZ/H/M/MR, PZ700A
C4-Board (2 of 2) Schematic Diagram

10 11 12 13 14 15 16 17 18

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

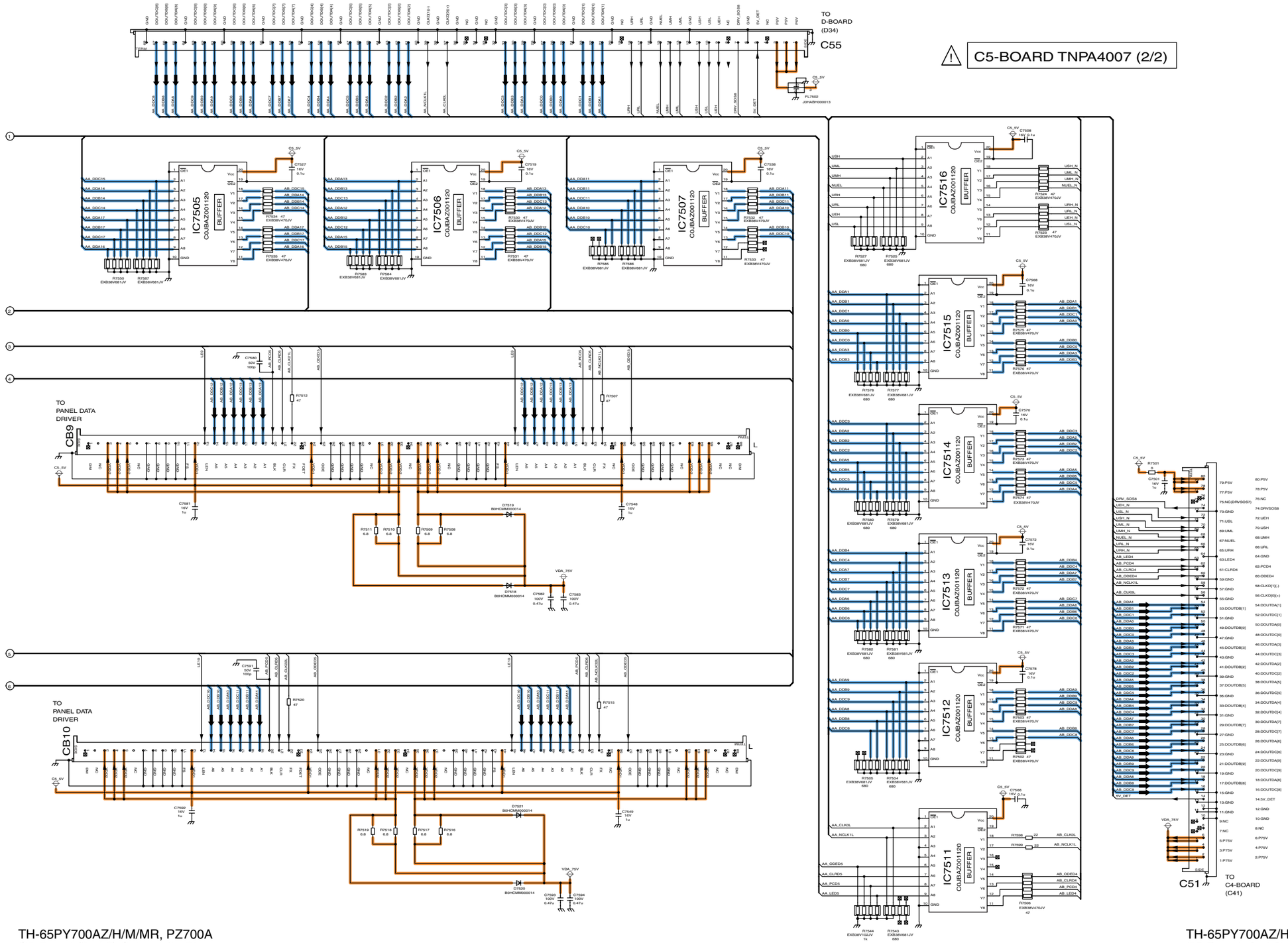
C5-BOARD TNPA4007 (1/2)



TH-65PY700AZ/H/M/MR, PZ700A
C5-Board (1 of 2) Schematic Diagram

TH-65PY700AZ/H/M/MR, PZ700A
C5-Board (1 of 2) Schematic Diagram

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

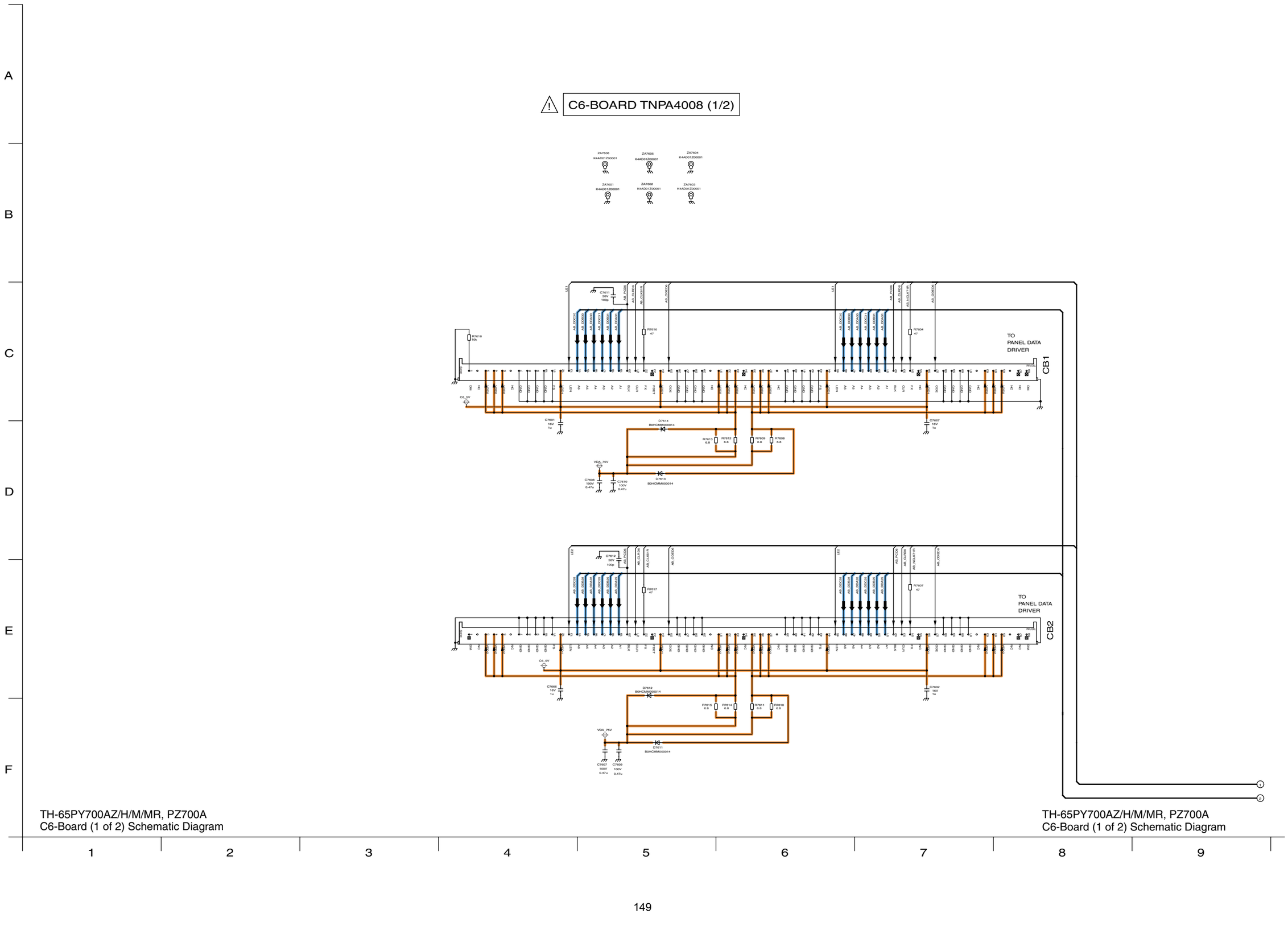


TH-65PY700AZ/H/M/MR, PZ700A
C5-Board (2 of 2) Schematic Diagram

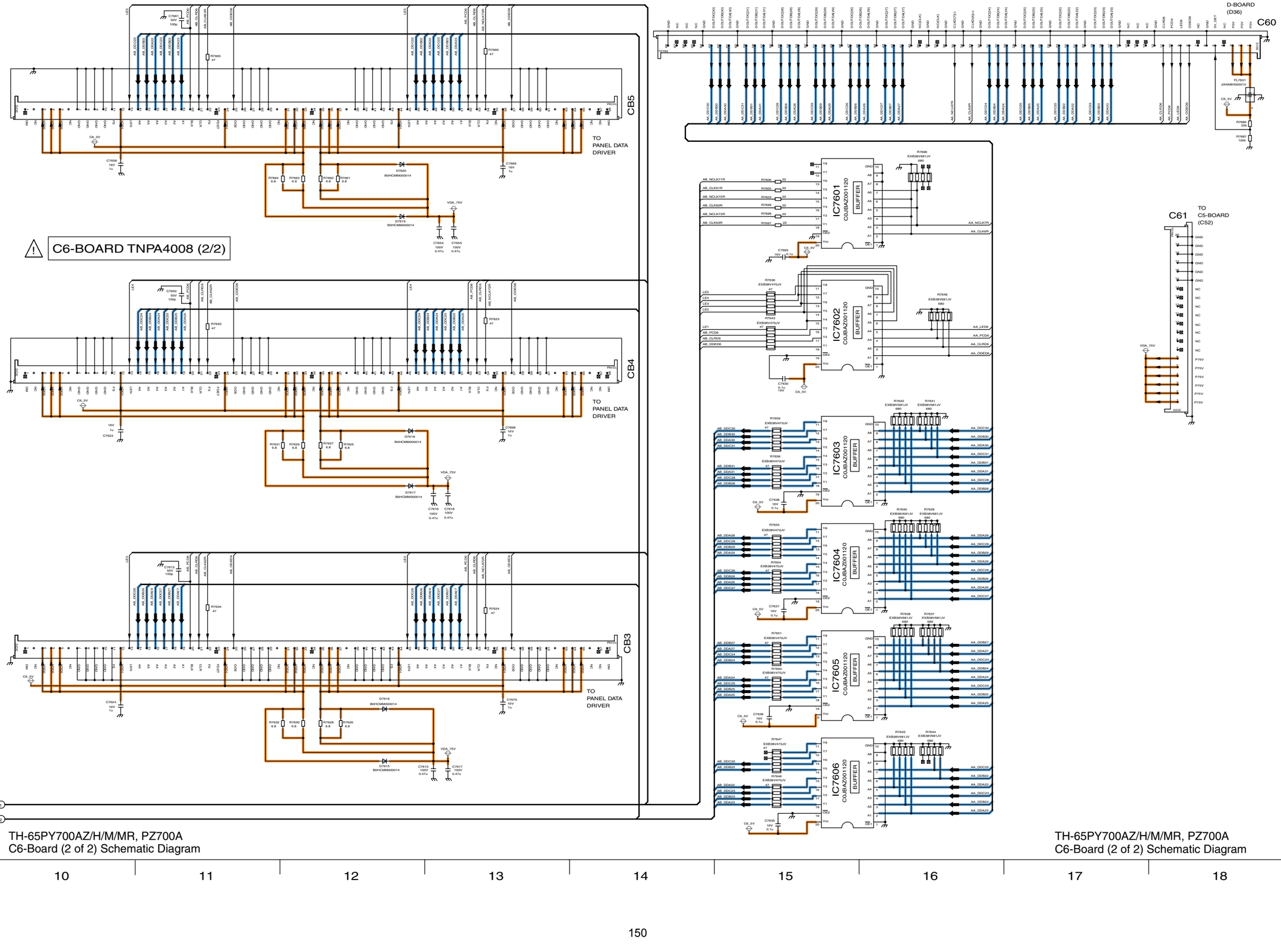
TH-65PY700AZ/H/M/MR, PZ700A
C5-Board (2 of 2) Schematic Diagram

10 11 12 13 14 15 16 17 18

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



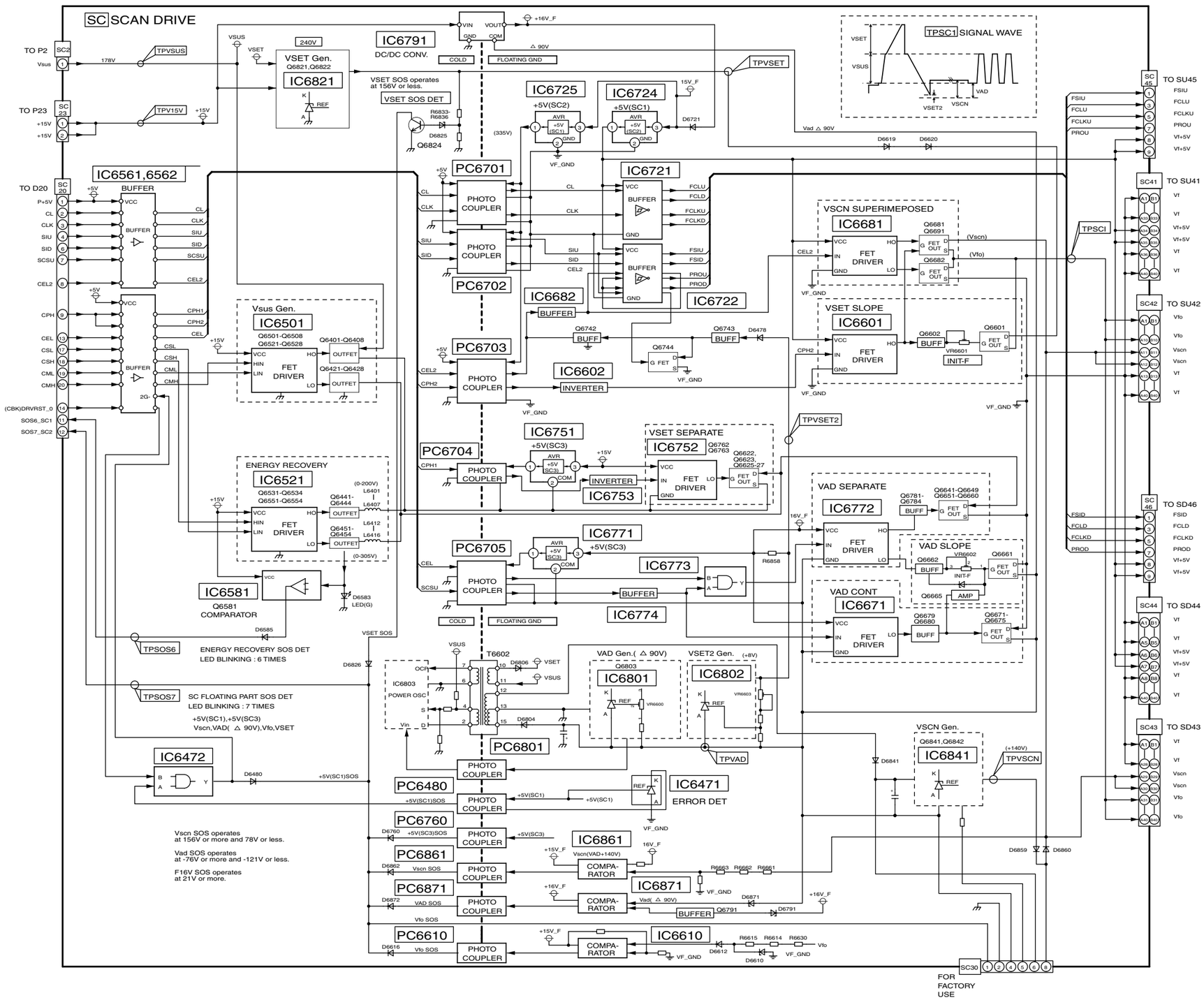
15.70. C6-Board (2 of 2) Schematic Diagram



TH-65PY700AZ/H/M/MR, PZ700A
C6-Board (2 of 2) Schematic Diagram

TH-65PY700AZ/H/M/MR, PZ700A
C6-Board (2 of 2) Schematic Diagram

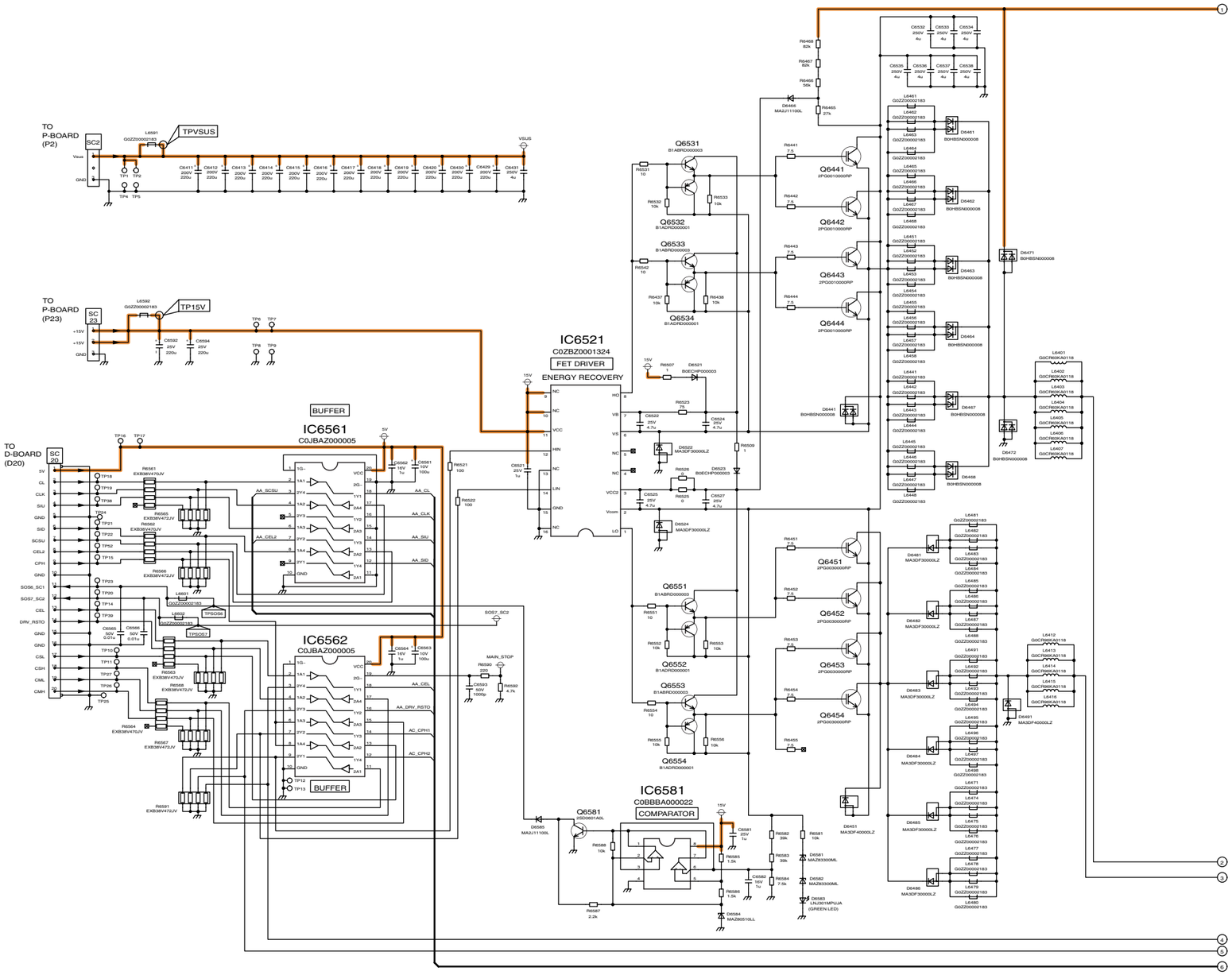
15.71. SC-Board Block Diagram



TH-65PY700AZ/H/M/MR, PZ700A
SC-Board Block Diagram

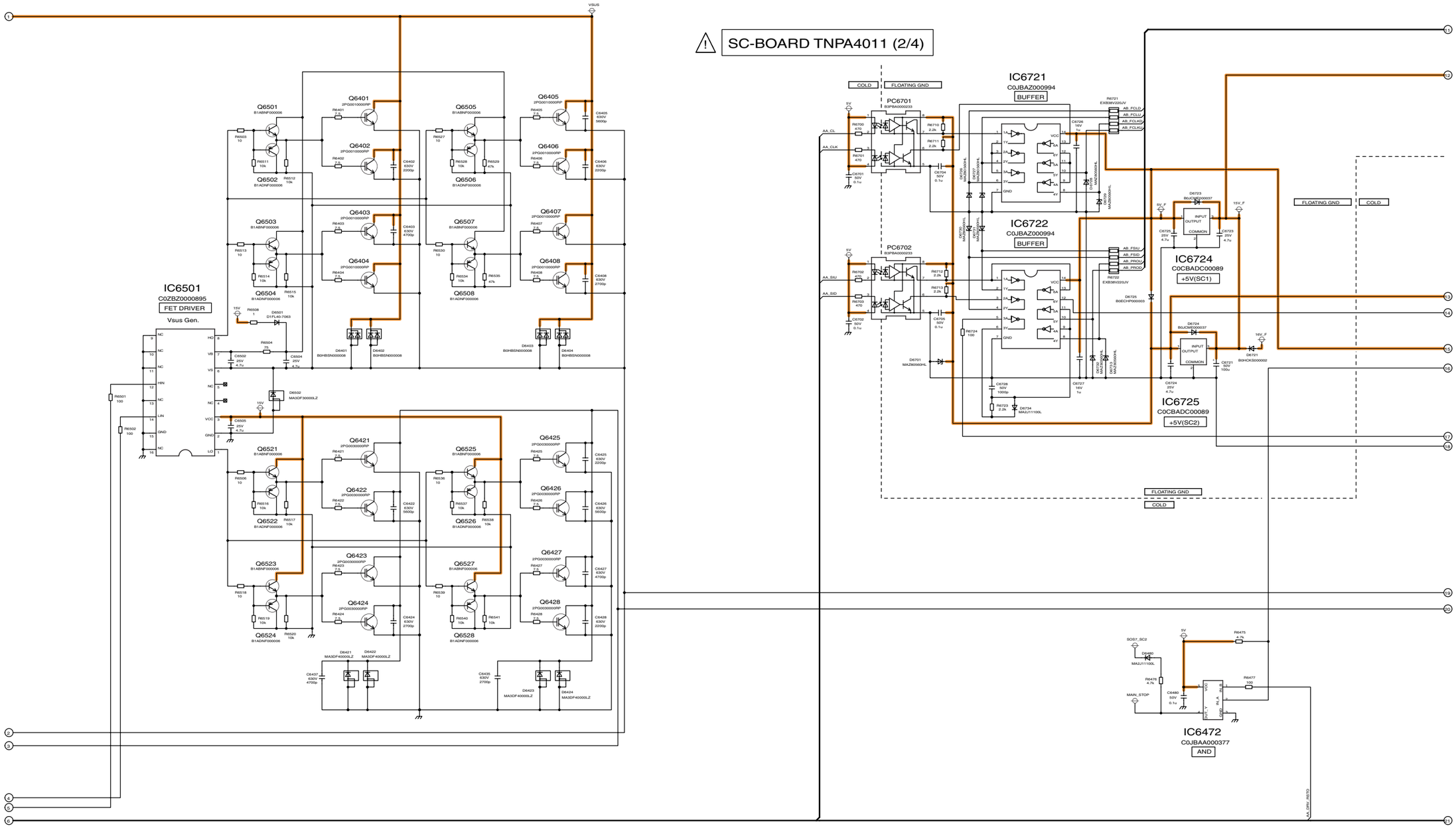
15.72. SC-Board (1 of 4) Schematic Diagram

⚠ SC-BOARD TNPA4011 (1/4)

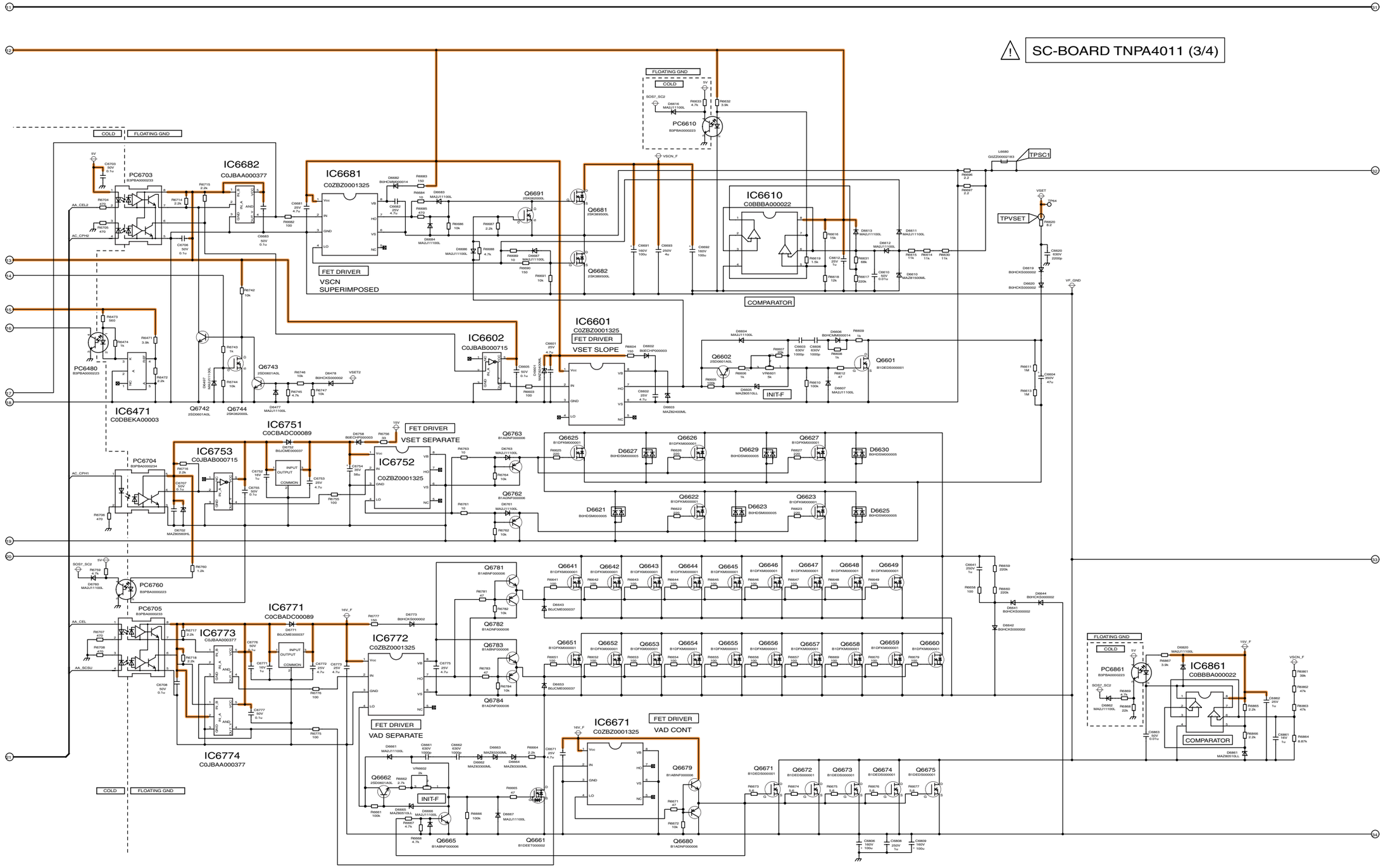


TH-65PY700AZ/H/M/MR, PZ700A
SC-Board (1 of 4) Schematic Diagram

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



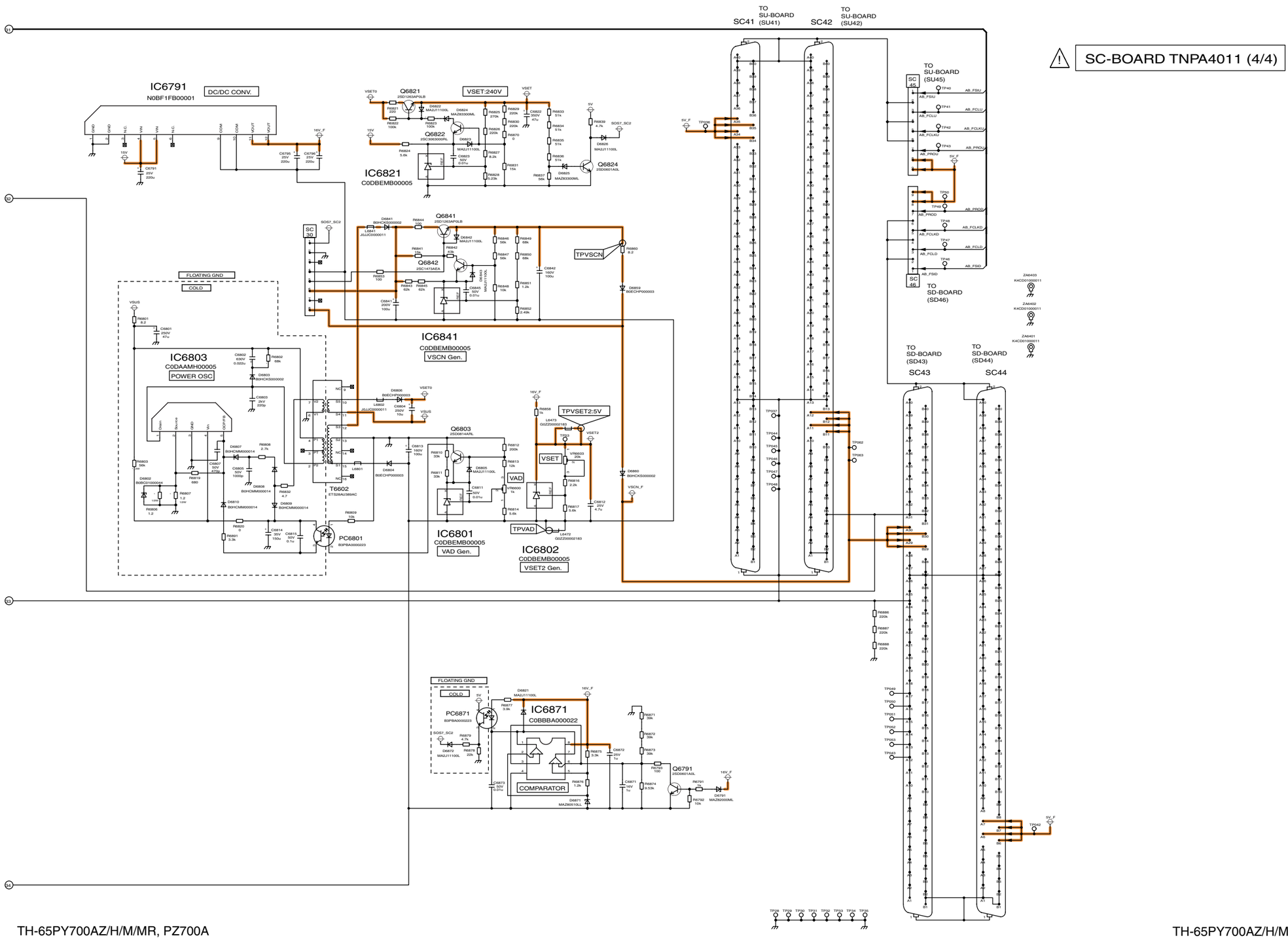
15.74. SC-Board (3 of 4) Schematic Diagram



TH-65PY700AZ/H/M/MR, PZ700A
SC-Board (3 of 4) Schematic Diagram

TH-65PY700AZ/H/M/MR, PZ700A
SC-Board (3 of 4) Schematic Diagram

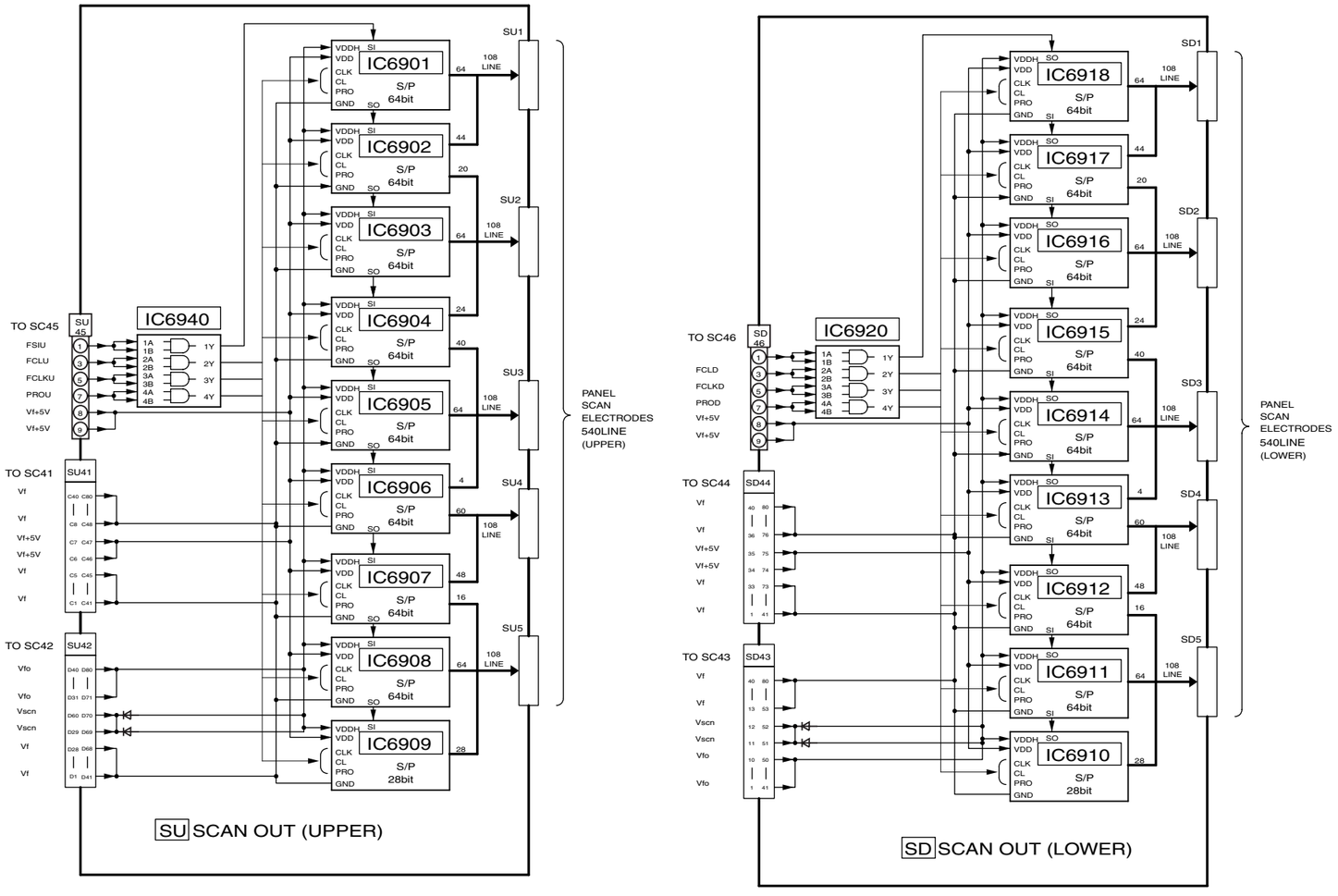
15.75. SC-Board (4 of 4) Schematic Diagram



TH-65PY700AZ/H/M/MR, PZ700A
SC-Board (4 of 4) Schematic Diagram

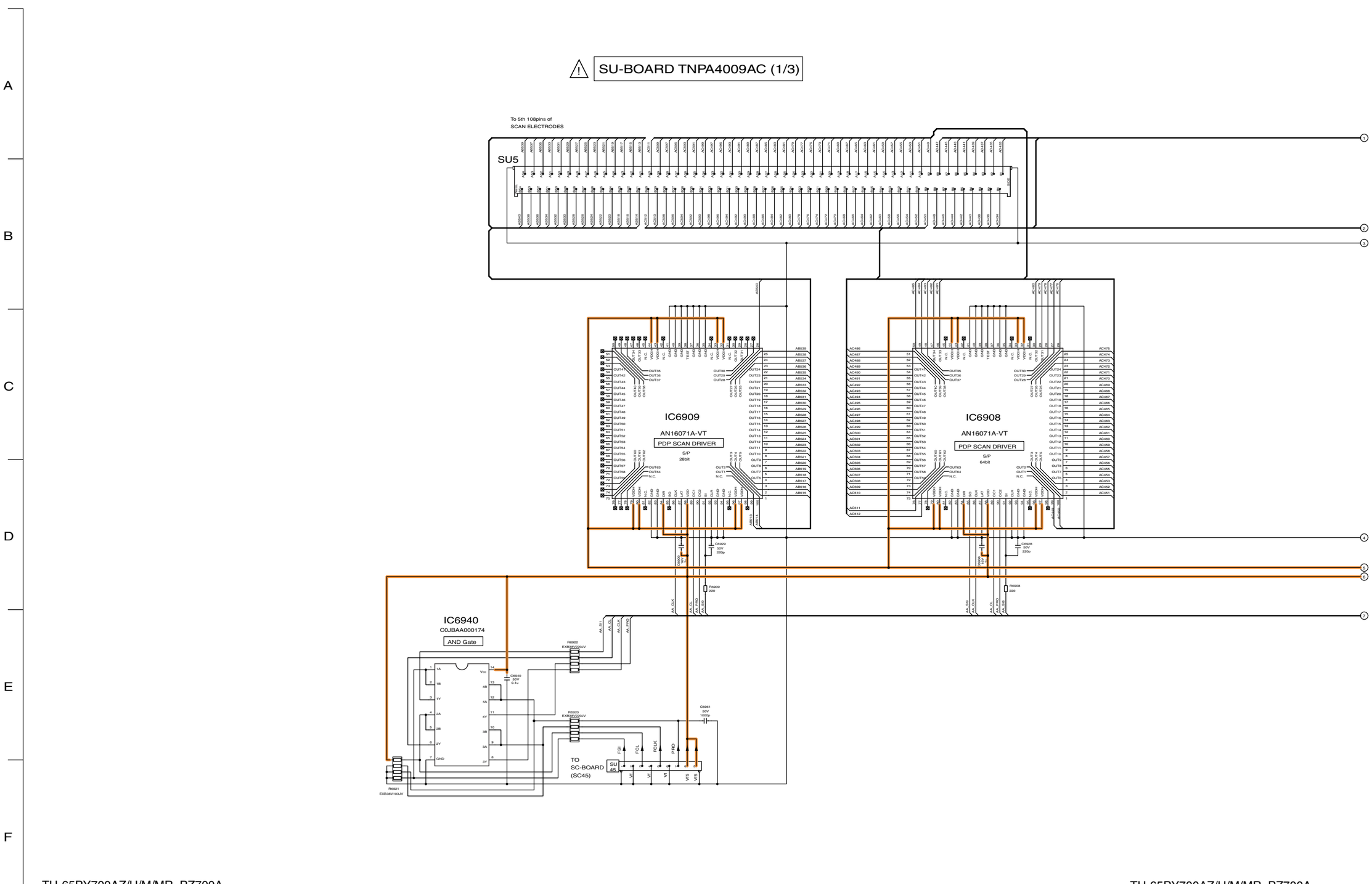
TH-65PY700AZ/H/M/MR, PZ700A
SC-Board (4 of 4) Schematic Diagram

15.76. SU and SD-Board Block Diagram



TH-65PY700AZ/H/M/MR, PZ700A
SU and SD-Board Block Diagram

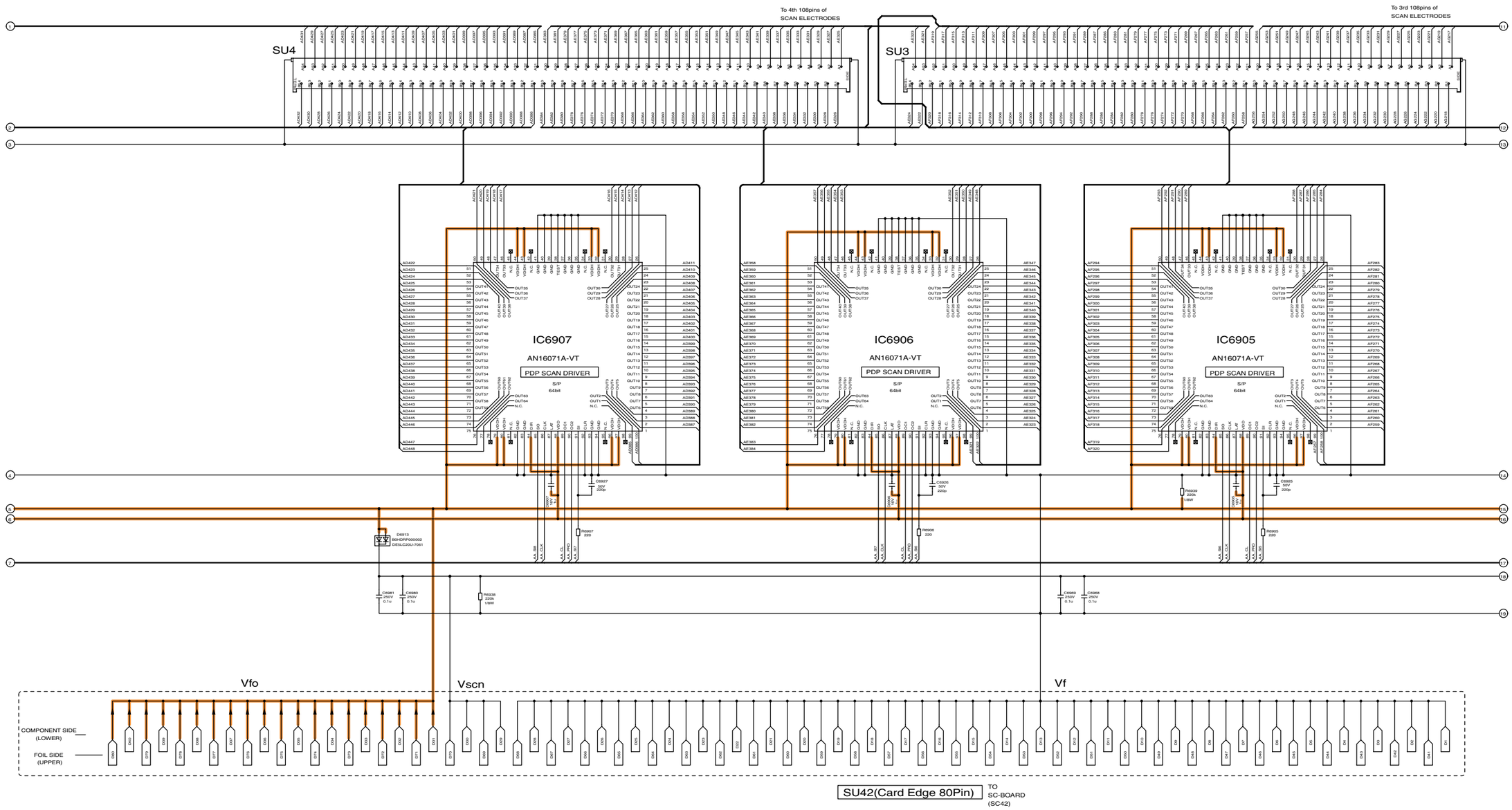
15.77. SU-Board (1 of 3) Schematic Diagram



TH-65PY700AZ/H/M/MR, PZ700A
SU-Board (1 of 3) Schematic Diagram

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

⚠ SU-BOARD TNPA4009AC (2/3)

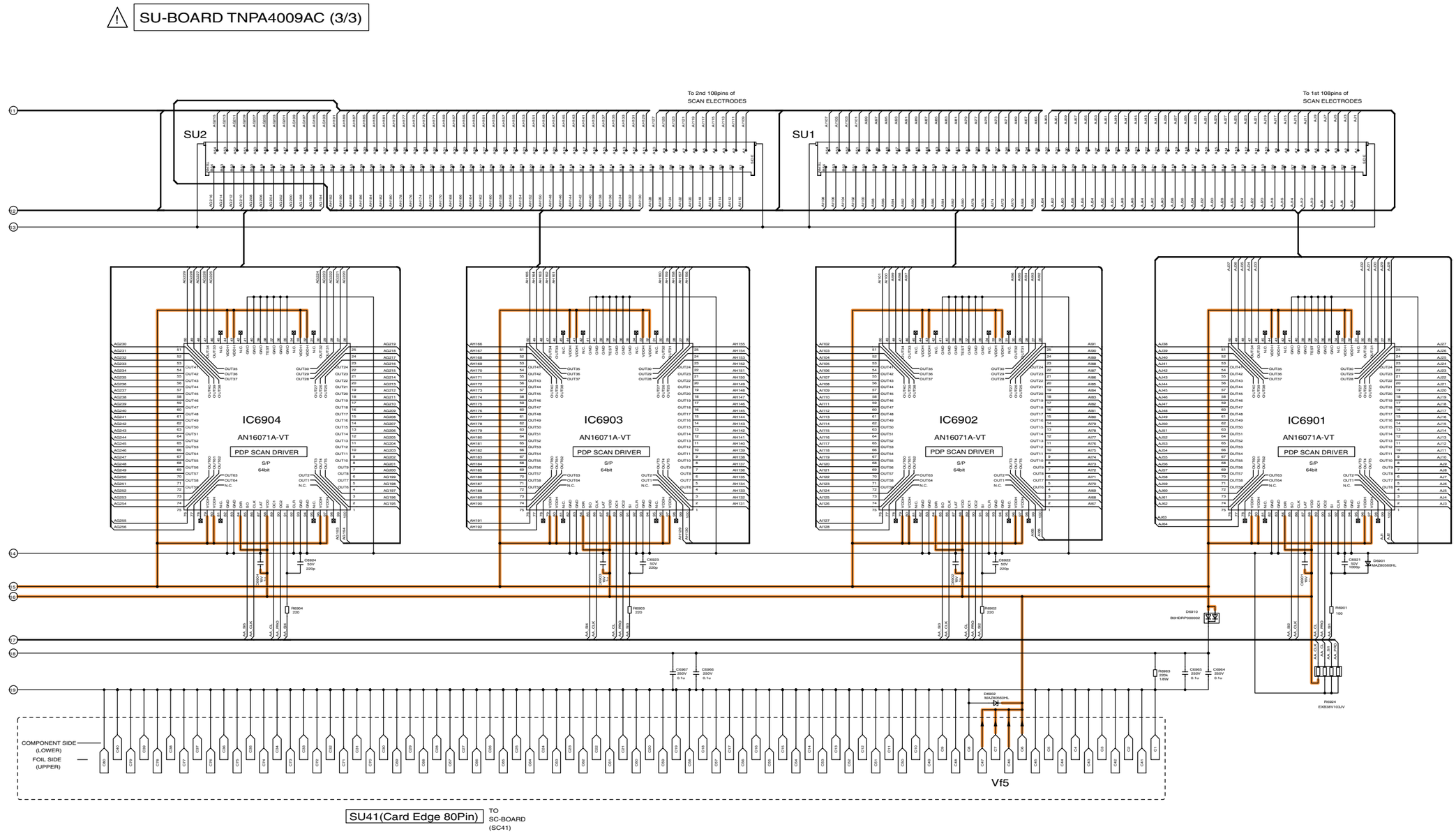


TH-65PY700AZ/H/M/MR, PZ700A
SU-Board (2 of 3) Schematic Diagram

TH-65PY700AZ/H/M/MR, PZ700A
SU-Board (2 of 3) Schematic Diagram

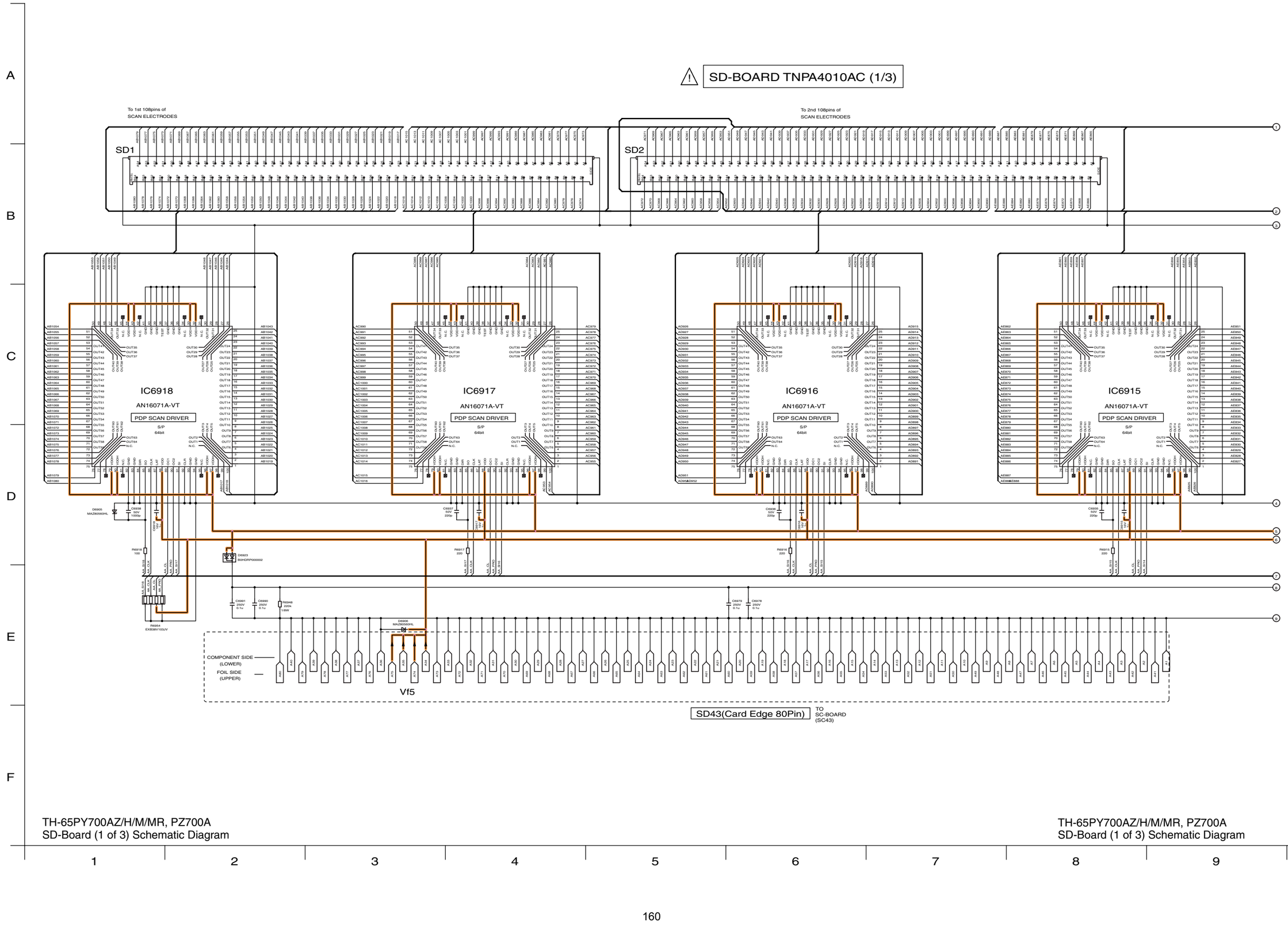
10 11 12 13 14 15 16 17 18

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



TH-65PY700AZ/H/M/MR, PZ700A
SU-Board (3 of 3) Schematic Diagram

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

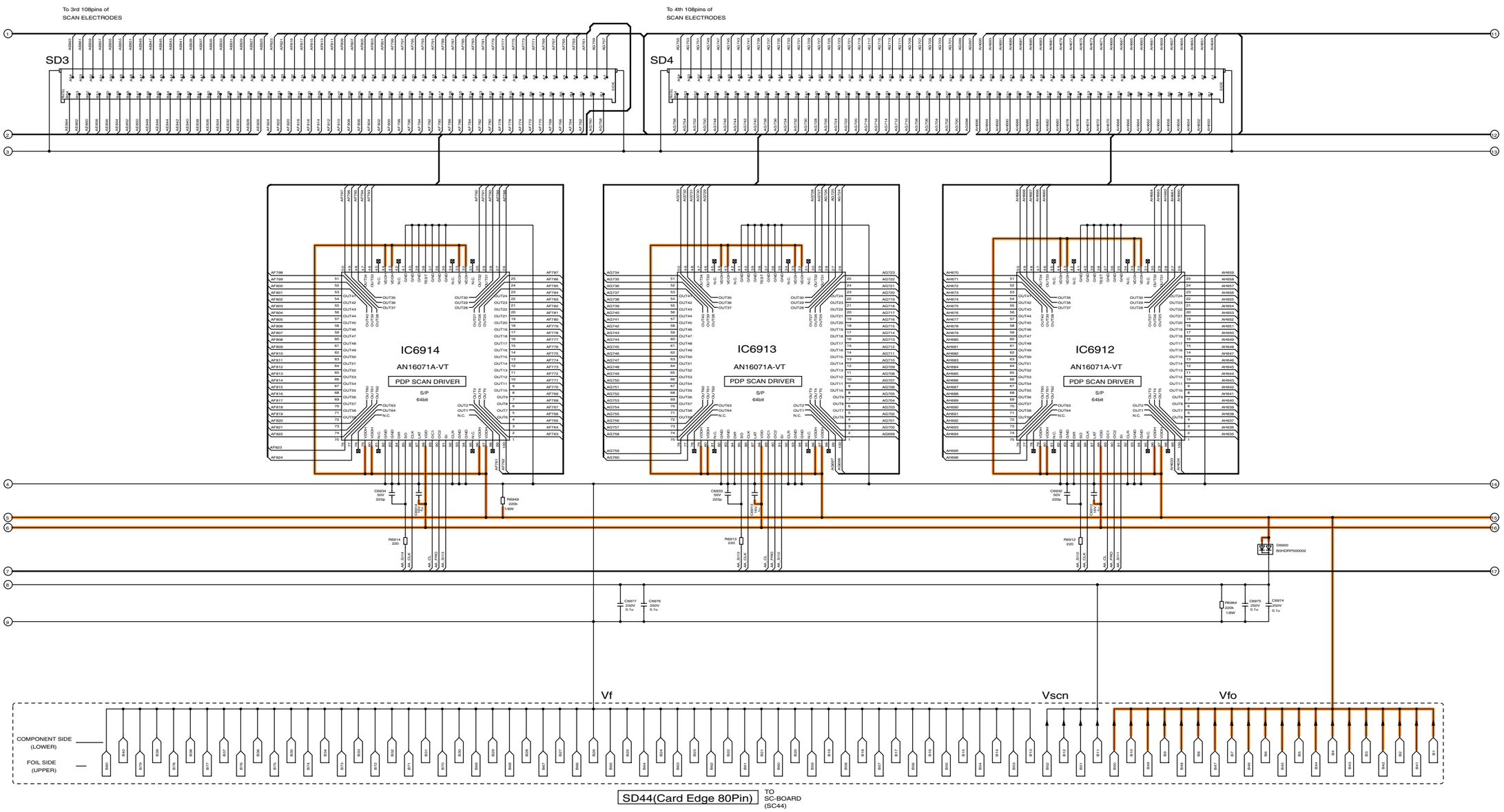


TH-65PY700AZ/H/M/MR, PZ700A
SD-Board (1 of 3) Schematic Diagram

TH-65PY700AZ/H/M/MR, PZ700A
SD-Board (1 of 3) Schematic Diagram

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

⚠ SD-BOARD TNPA4010AC (2/3)

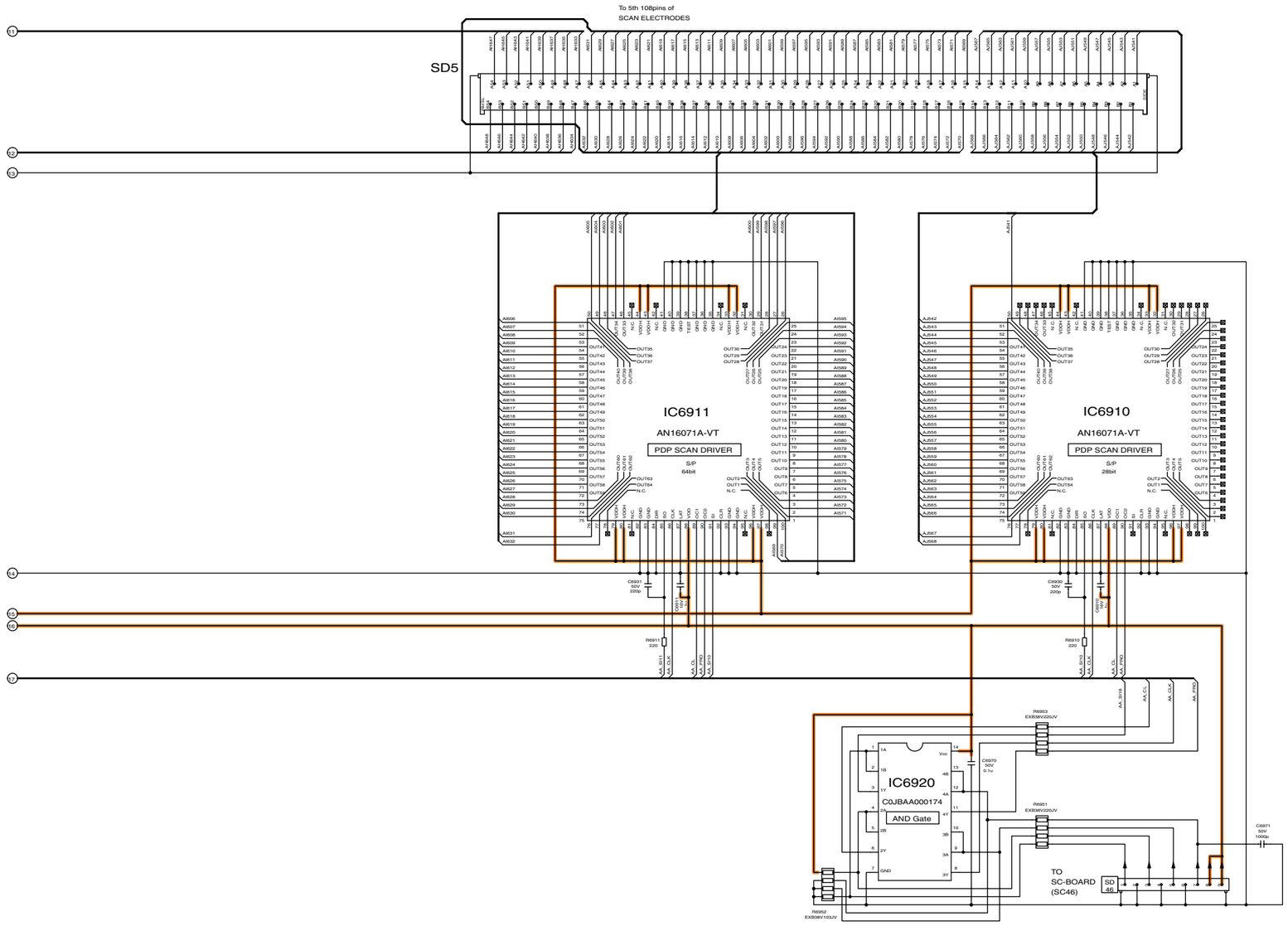


TH-65PY700AZ/H/M/MR, PZ700A
SD-Board (2 of 3) Schematic Diagram

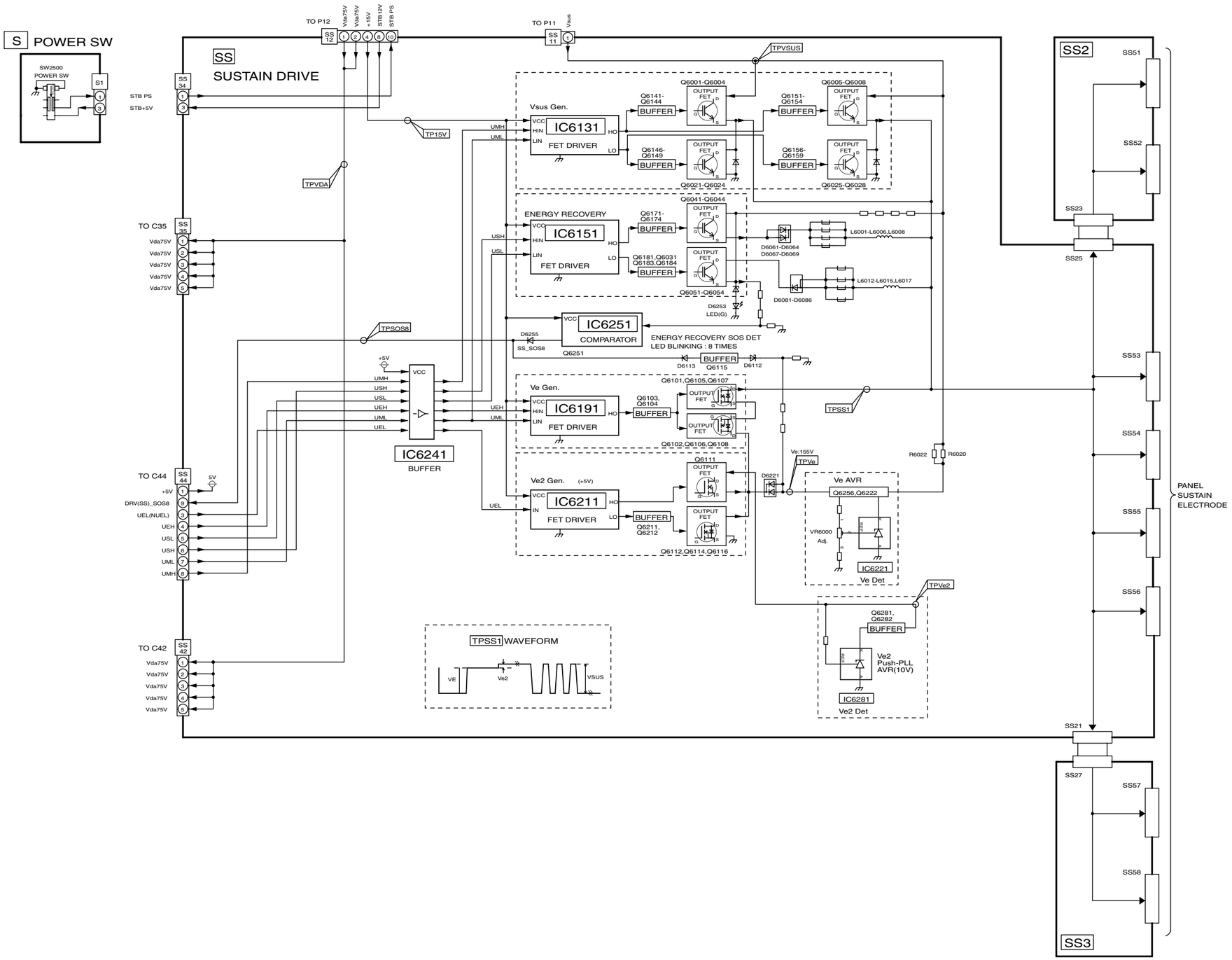
TH-65PY700AZ/H/M/MR, PZ700A
SD-Board (2 of 3) Schematic Diagram

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

SD-BOARD TNPA4010AC (3/3)

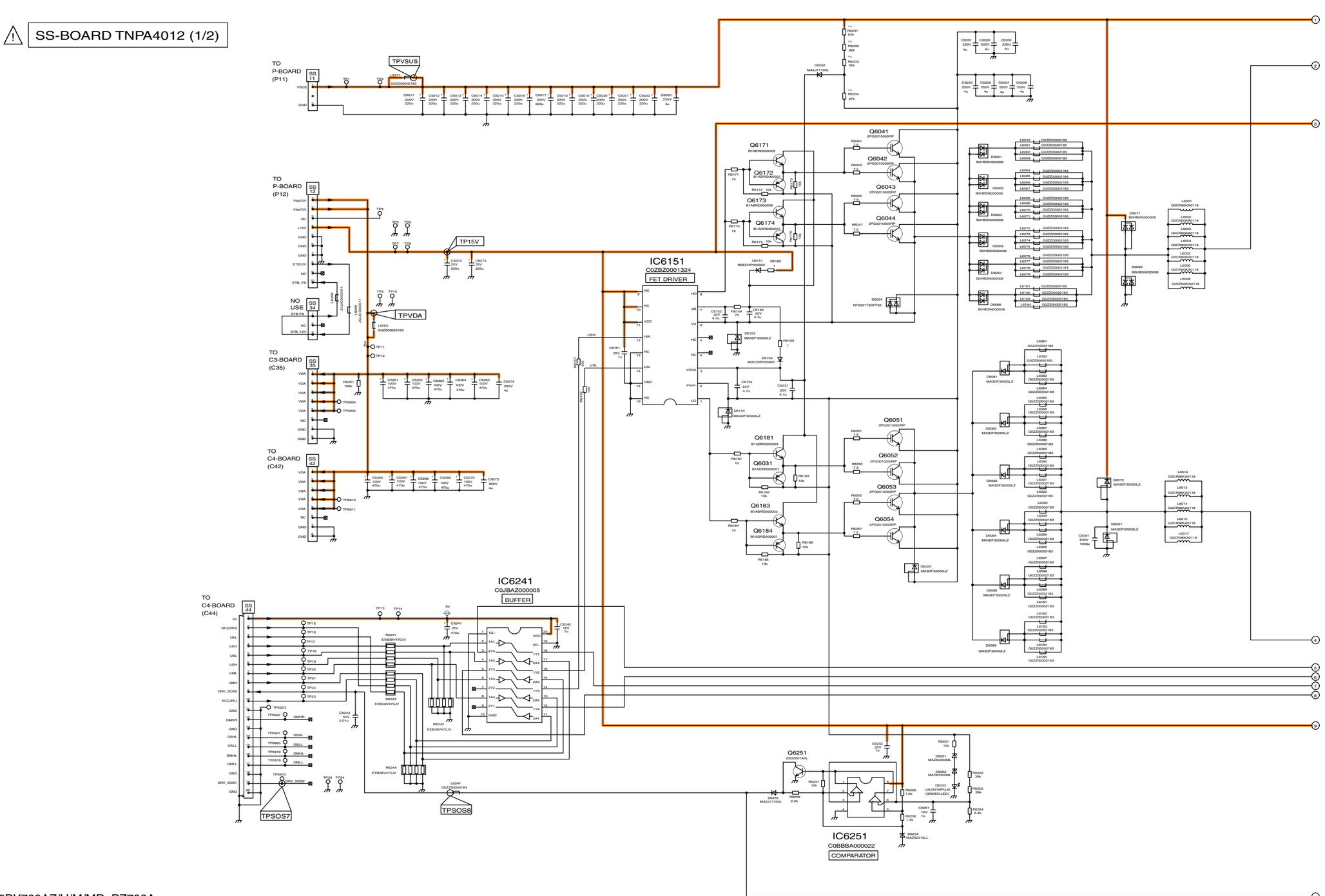


15.83. S, SS, SS2 and SS3-Board Block Diagram



TH-65PY700AZ/H/M/MR, PZ700A
S, SS, SS2 and SS3-Board Block Diagram

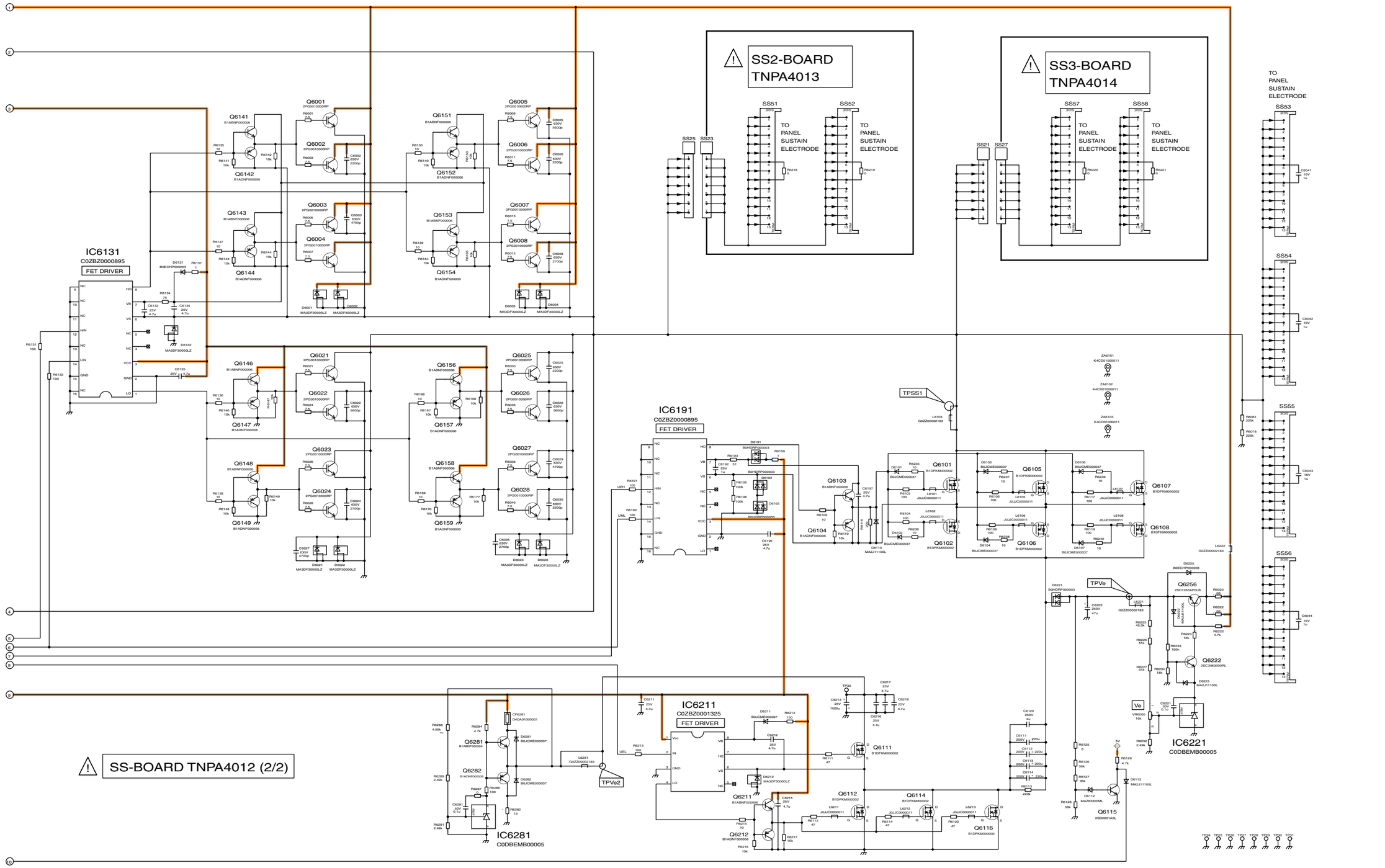
15.84. SS-Board (1 of 2) Schematic Diagram



TH-65PY700AZ/H/M/MR, PZ700A
SS-Board (1 of 2) Schematic Diagram

TH-65PY700AZ/H/M/MR, PZ700A SS-Board (1 of 2) Schematic Diagram

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

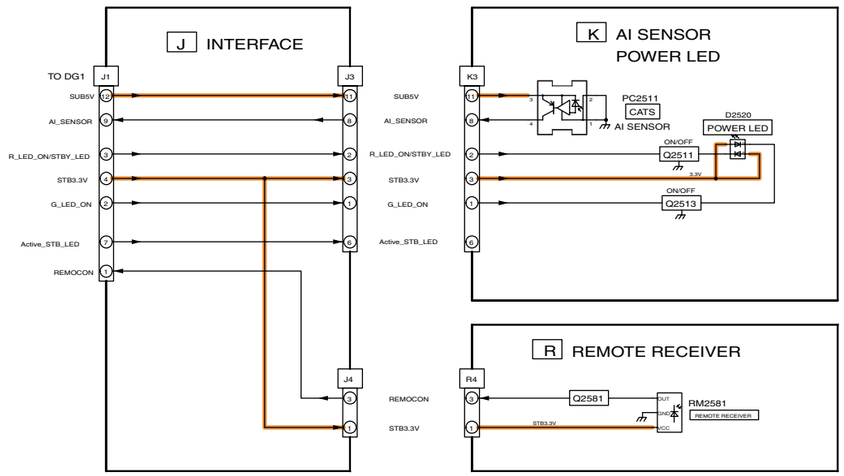


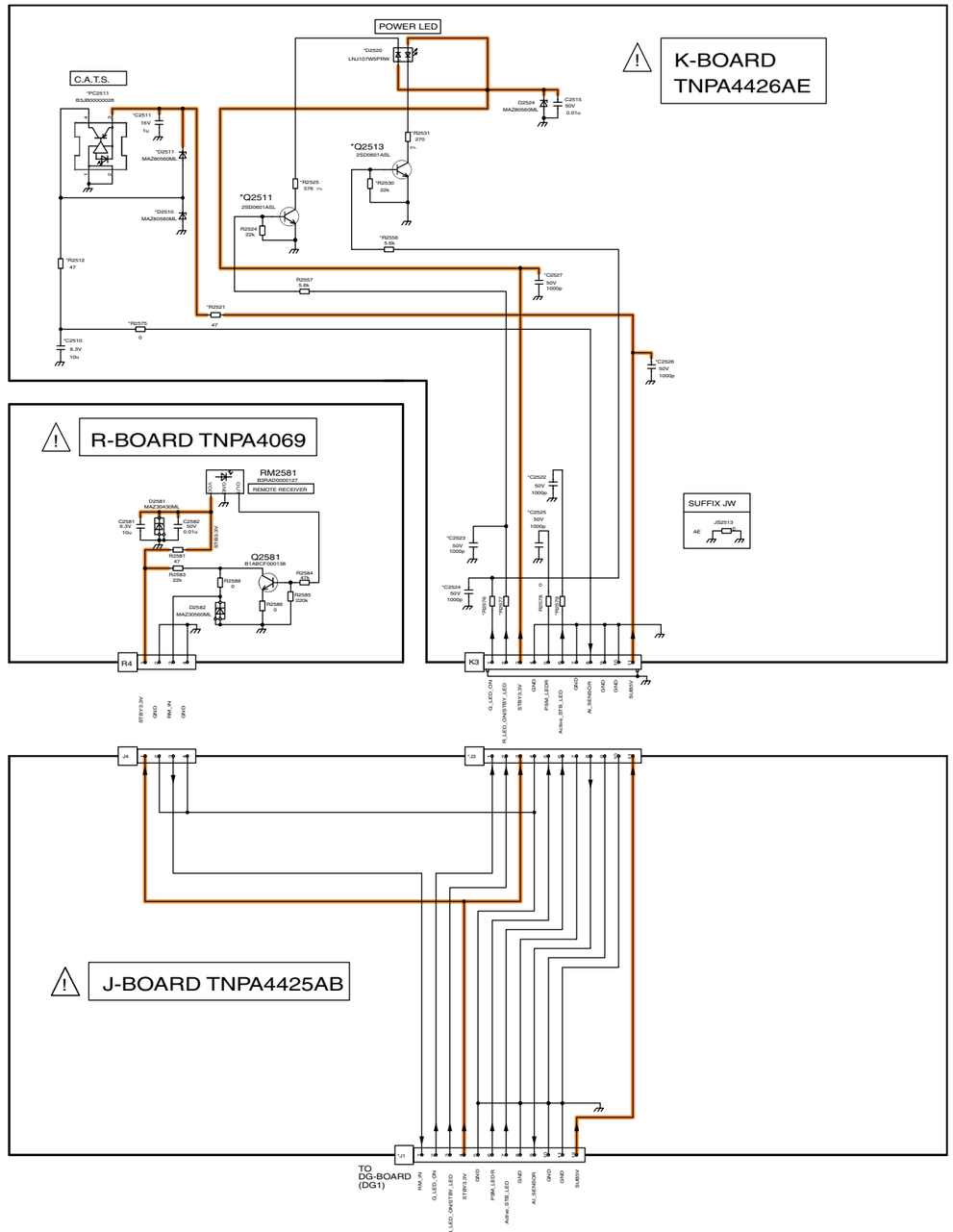
TH-65PY700AZ/H/M/MR, PZ700A SS-Board (2 of 2), SS2 and SS3-Board Schematic Diagram

TH-65PY700AZ/H/M/MR, PZ700A SS-Board (2 of 2), SS2 and SS3-Board Schematic Diagram

10 11 12 13 14 15 16 17 18

15.86. J,K and R-Board Schematic Diagram



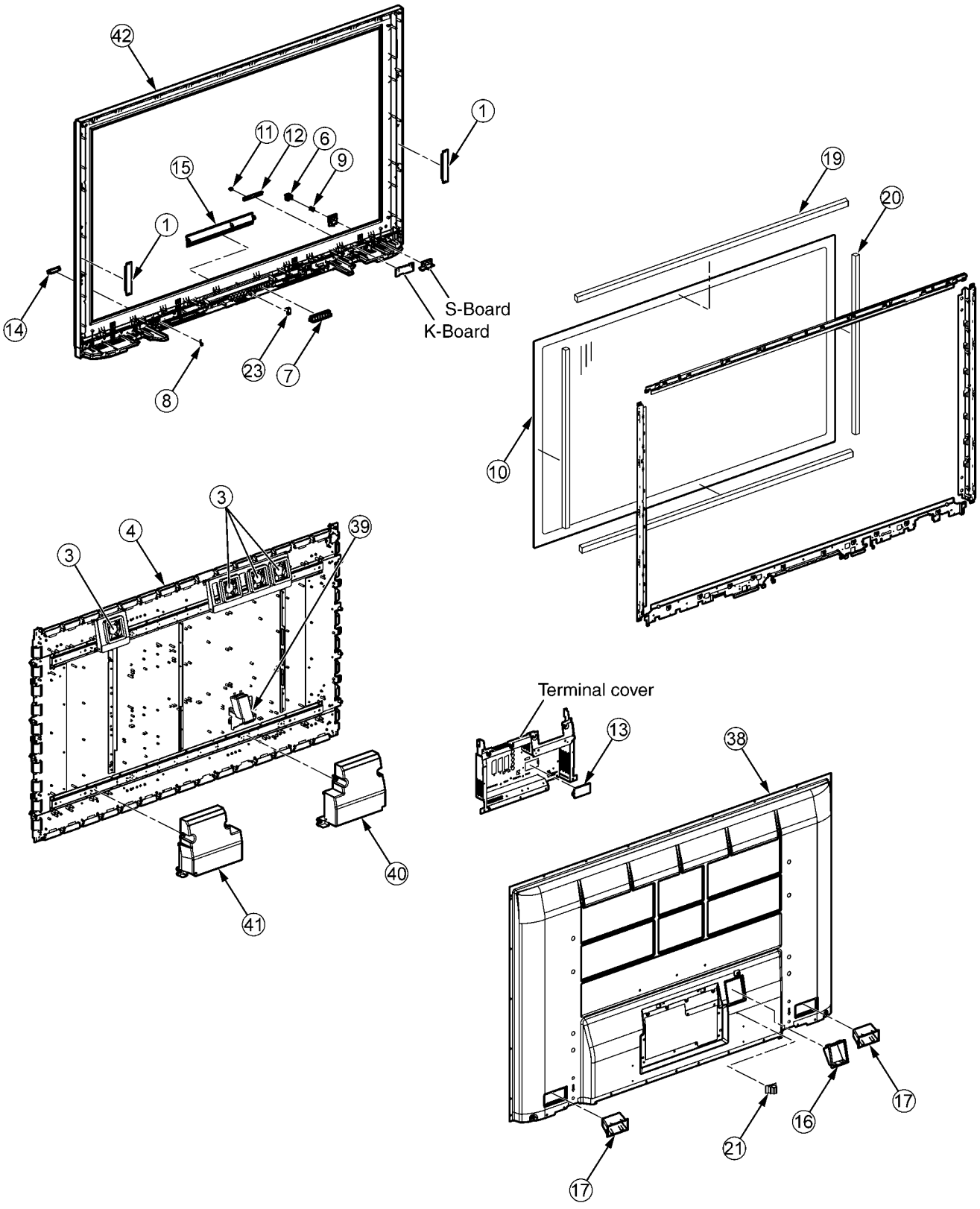


TH-65PY700AZ/H/M/MR, PZ700A
J, K, and R-Board Schematic Diagram

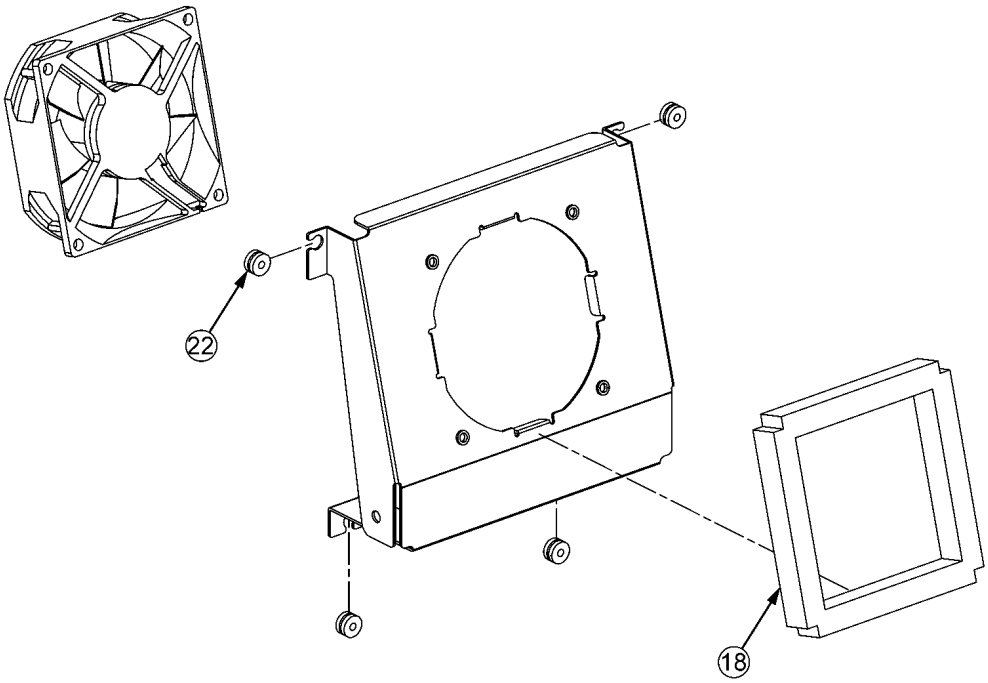
TH-65PY700AZ/H/M/MR, PZ700A
J, K, and R-Board Schematic Diagram

16 Exploded Views & Replacement Parts List

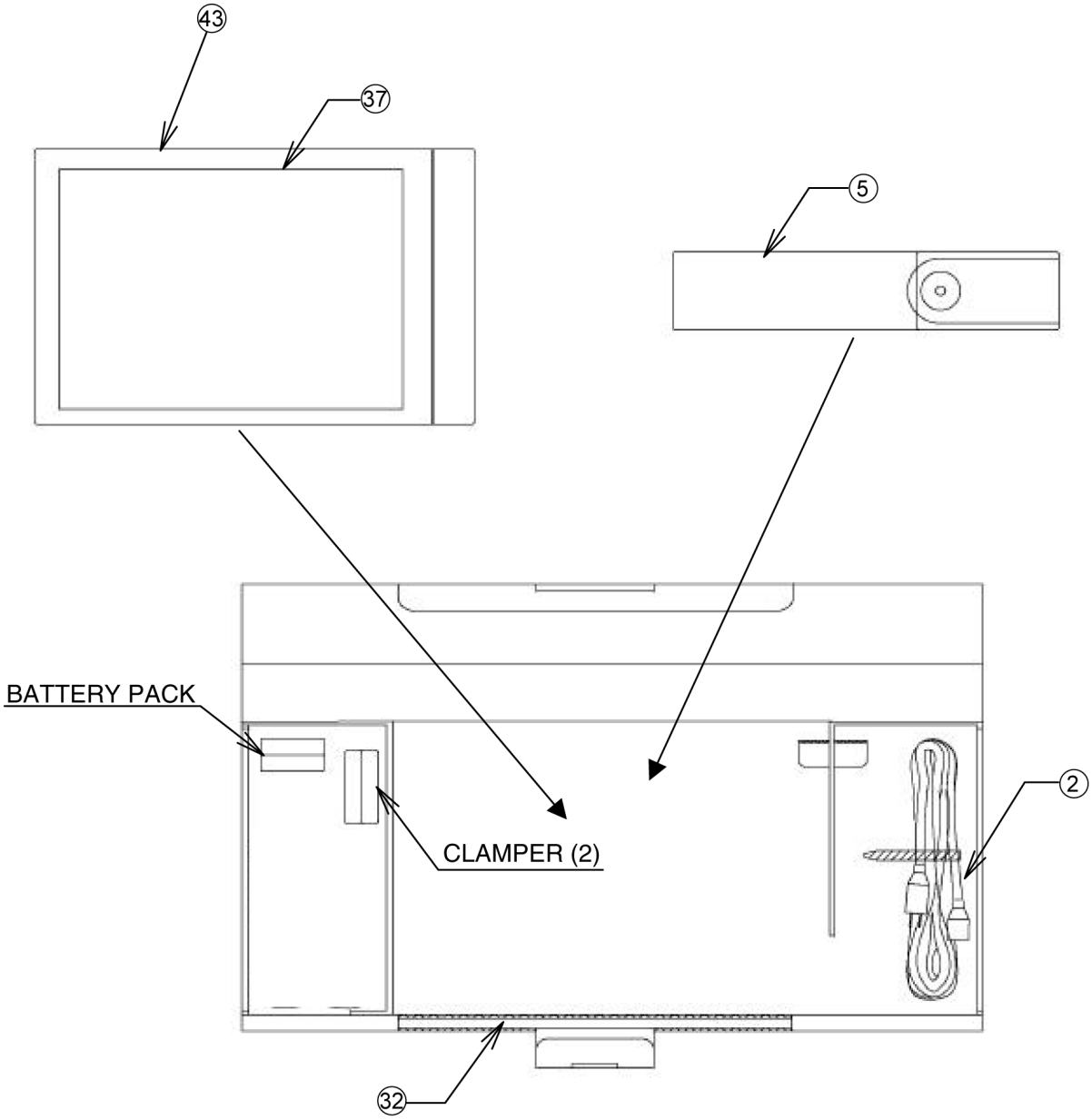
16.1. Exploded Views



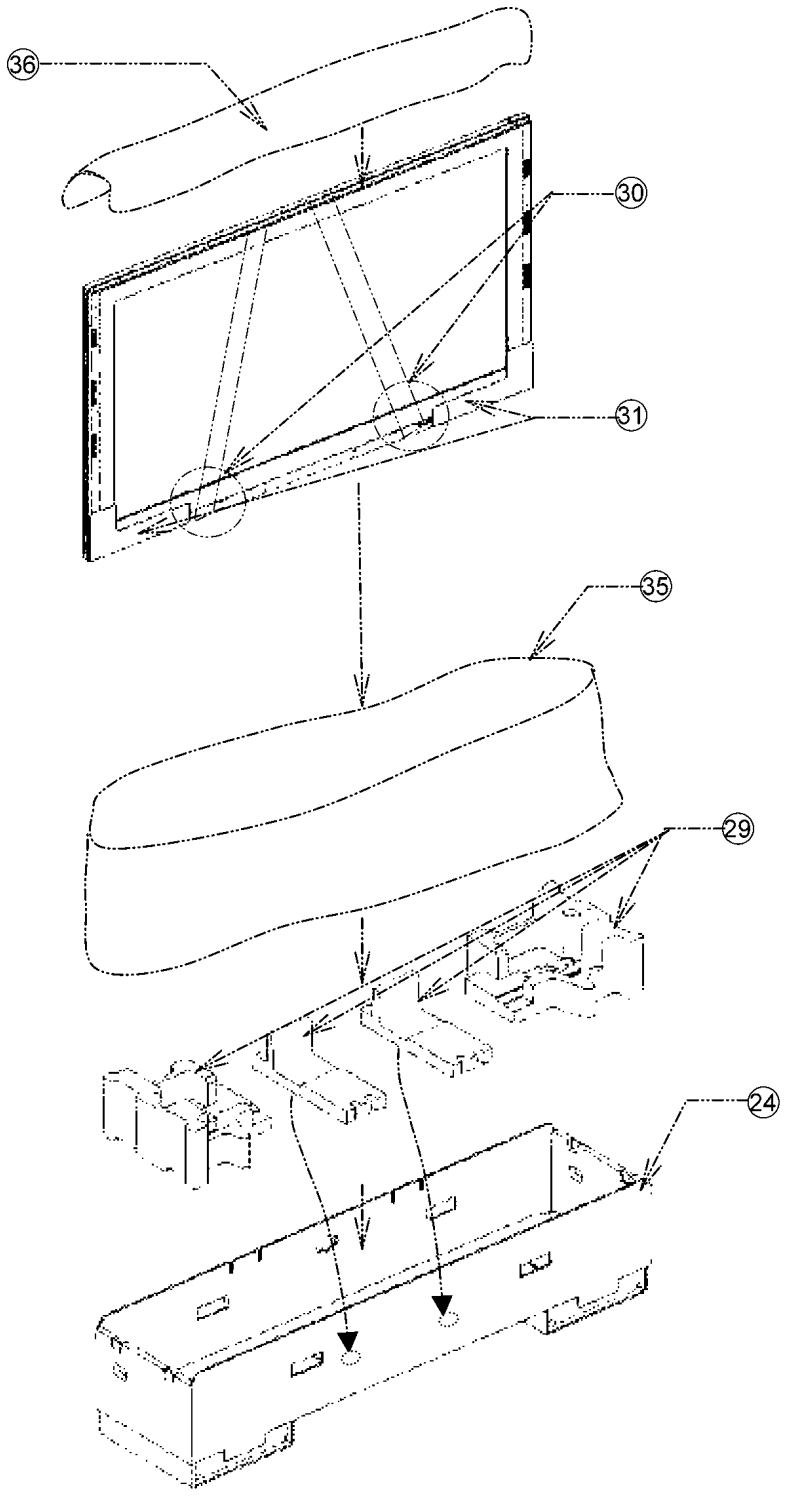
16.2. Fan Exploded Views



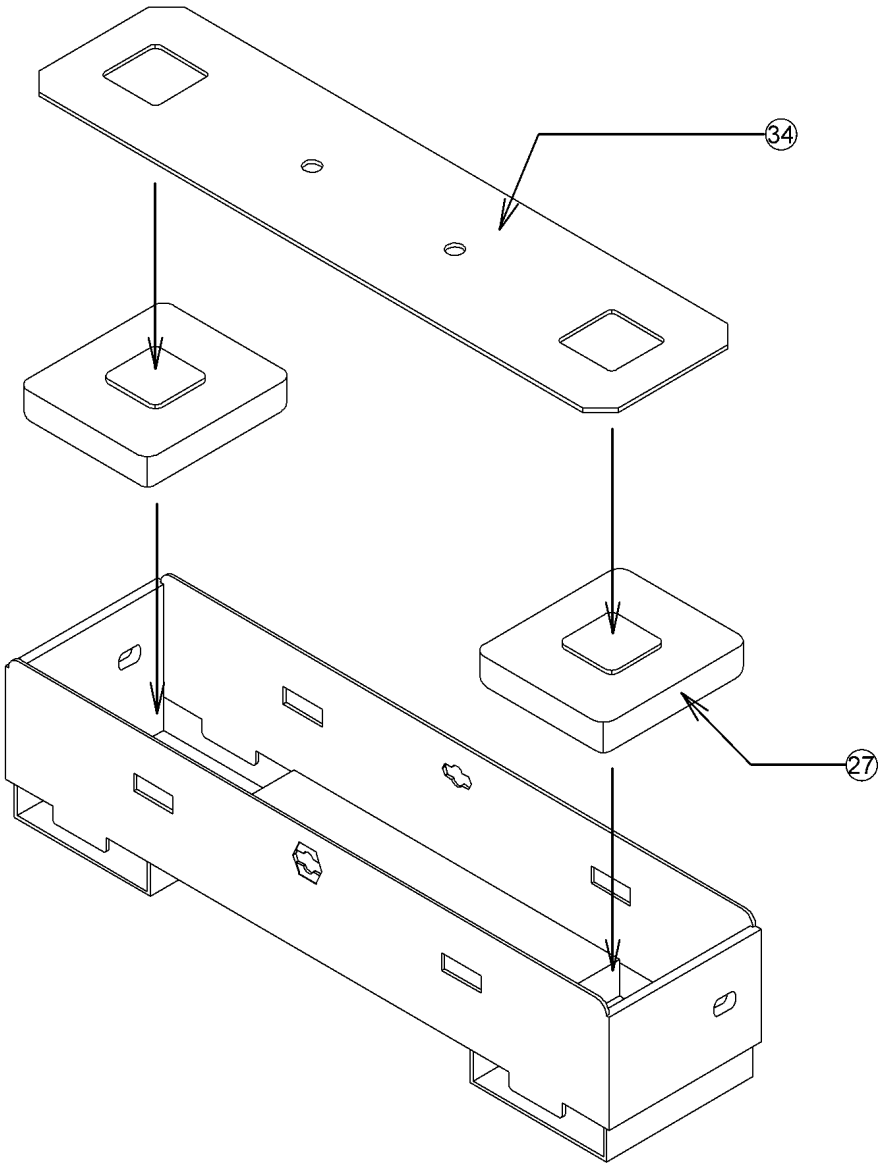
16.3. Accessory



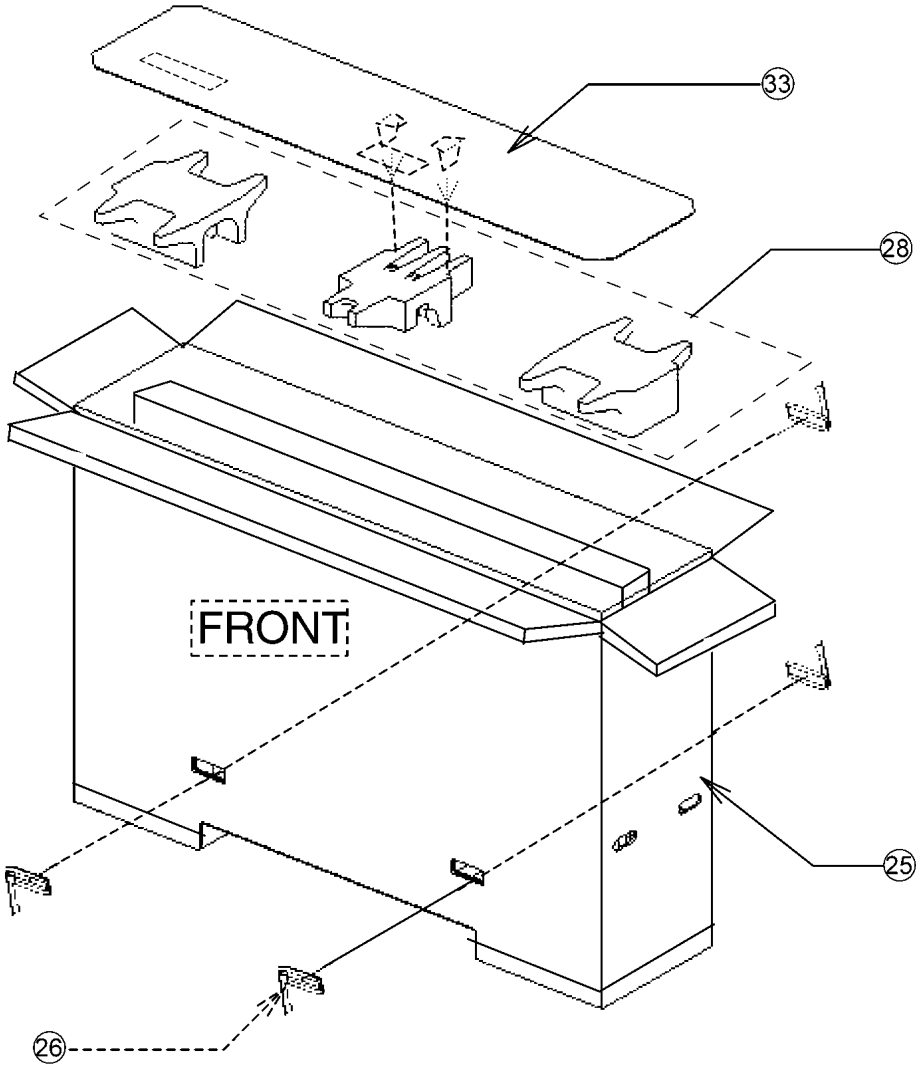
16.4. Packing Exploded Views (1)



16.5. Packing Exploded Views (2)



16.6. Packing Exploded Views (3)



16.7. 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

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

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V
Type Allowance

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

16.8. Mechanical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	EAS10D85E	SQUAWKER SPEAKER	2	
	J2ZZ00000036	RF CABLE	1	AZ/H/M
	J2ZZ00000083	RF CABLE	1	A
	K1ZZ00001424	3 PIECE CONNECTOR PLUG	1	
2	K2CK3DH00029	AC CORD(OBLIQUE FLAT BLADE)	1	A/AZ ⚠
2	K2CN3DH00006	AC CORD (ROUND 2 PIN)	1	M/MR ⚠
2	K2CT3DH00025	AC CORD (RECTANGULAR BLADE)	1	H/M ⚠
3	L6FAYYYH0050	FAN UNIT(80MM MMMC)	4	
4	MD65F10A1J	PLASMA DISPLAY PANEL	1	⚠
5	N2QAYB000120	REMOTE CONTROL	1	AZ/H/M/MR
5	N2QAYB000122	REMOTE CONTROL	1	A
6	TBXA51103	POWER BUTTON	1	
7	TBXA51202	CONTROL BUTTON	1	
8	TESA297	SD DOOR SPRING	1	
9	TESD078	BUTTON SPRING	1	
	THEL0429	SCREW	30	
	THEL047J	SCREW(HDMI:2)	2	
	THTA0419	HOOK SCREW	1	
	THTD011J	SCREW	3	
	THTD013N	SCREW	8	
	THTF011N	SCREW	99	
10	TKGA5393	FRONT GLASS	1	
11	TKKC5301	IR PANEL	1	
12	TKKC5303	LED PANEL	1	
13	TKKL5383	ADJUSTMENT COVER	1	
14	TKPB06403	SD DOOR	1	
15	TKPB06902	BOTTOM DOOR	1	
16	TKPB13901	INLET COVER	1	
	TKPB15606	ORNAMENT PANEL(LEFT)	1	
	TKPB15706	ORNAMENT PANEL(RIGHT)	1	
	TKPB15802	ORNAMENT PANEL	1	
	TKRA52102	BLIND CAP	2	
17	TKRA52502A	REAR COVER HANDLE	2	
18	TMKG469-1	SPONGE(FAN)	4	
19	TMKG839	SPONGE(UPPER/BOTTOM)	2	
20	TMKG840	SPONGE(LEFT/RIGHT)	2	
	TMKY276	SCREW HOLE COVER	1	
	TMM15414-2	CLAMPER	2	
	TMM17499	CLAMPER	1	
	TMM25401	CLAMPER	3	
	TMM6428-1	CLAMPER	4	
	TMM7464-2	CLAMPER	1	
	TMM7468-1	CLAMPER	1	
	TMME084	CLAMPER	1	
	TMME190	CLAMPER	4	
	TMME217	CLAMPER	1	
21	TMME226	AC CORD CLAMPER	1	
	TMME258	CABLE CLAMPER	2	
	TMME260	CLAMPER	11	
	TMME285	CLAMPER	2	
	TMME287	CLAMPER	10	
	TMME292	CLAMPER	27	
	TMME293	CLAMPER	1	
	TMME308	CLAMPER(RF-CABLE)	1	A
22	TMMJ068	RUBBER(FAN)	8	
23	TMMX186	DOOR SPRING	1	
24	TPCC32101	CARTON BOX BOTTOM	1	
25	TPCC32701	CARTON BOX TOP	1	A
25	TPCC33001	CARTON BOX TOP	1	M
25	TPCC33002	CARTON BOX TOP	1	H
25	TPCC33003	CARTON BOX TOP	1	MR
25	TPCC33004	CARTON BOX TOP	1	AZ
26	TPD169487	JOINT	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
27	TPDA1668	SKID CUSHION	2	
28	TPDA1710	CUSHION TOP	1	
29	TPDA1711	CUSHION BOTTOM	1	
30	TPDA1737	ESC PROTECT LEFT	1	
31	TPDA1738	ESC PROTECT RIGHT	1	
32	TPDF1902	ACCESSORIES BOX	1	
33	TPDF2047	TOP PAD	1	
34	TPDF2048	BOTTOM PAD	1	
	TPDX0016	JOINT	2	
35	TPEH246	PROTECT COVER	1	
36	TPEH359	PROTECTION SHEET	1	
37	TQBC2206	INSTRUCTION BOOK(ENGLISH)	1	A ⚠
37	TQBC2222	INSTRUCTION BOOK(ENGLISH)	1	H/M/MR ⚠
37	TQBC2223	INSTRUCTION BOOK(CHINSE)	1	H ⚠
37	TQBC2232	INSTRUCTION BOOK(ENGLISH)	1	AZ ⚠
37	TQBC2233	INSTRUCTION BOOK(PERSIAN)	1	MR ⚠
37	TQBC2234	INSTRUCTION BOOK(ARABIC)	1	M/MR ⚠
	TSXL519	CABLE(C11-C22/C52-C61)	2	
	TSXL555	CABLE(C21-C31/C41-C51)	2	
	TSXL642	CABLE(DG11-GH11)	1	
38	TTUA1805	REAR COVER	1	A ⚠
38	TTUA1806	REAR COVER	1	H ⚠
38	TTUA1811	REAR COVER	1	M ⚠
38	TTUA1813	REAR COVER	1	MR ⚠
38	TTUA1814	REAR COVER	1	AZ ⚠
39	TXAJS01HHTB	AC INLET ASSY	1	⚠
40	TXFAB01GXTJ	SPEAKER BOX ASSY(LEFT)	1	
41	TXFAB02GXTJ	SPEAKER BOX ASSY(RIGHT)	1	
42	TXFKY01HFTA	CABINET ASSY	1	A ⚠
42	TXFKY01HFTM	CABINET ASSY	1	AZ/H/M/MR ⚠
	TXFMX01EVTJ	CORE ASSY	1	
	TXFMX01GZTJ	CORE ASSY	1	
	TXFSX01DRTU	CABLE ASSY(D34-C55/D35-C54)	2	
	TXJH11HFTB	SPEAKER LEAD(H11-SP)	1	
	TXJH12HFTB	SPEAKER LEAD(H12-SP)	1	
	XTB4+12GFJ	SCREW	50	
	XTB4+12GFJK	SCREW	18	
	XTT4+16GFJK	SCREW(BC:27)	27	
	XTV3+10GFJK	SCREW(REAR BRKT2)	4	
	XTW3+10TFJ	SCREW	2	
	XTWT4+Z15DFJ	SCREW(SP BOXj	8	
	XYN3+F8FJ	SCREW	46	
	XYN3+J12FJ	SCREW	99	
	XYN3+J6FJ	SCREW	1	
	XYN4+E8FJ	SCREW	1	
	XYN4+F10FJ	SCREW	50	
	XYN4+F20FJK	SCREW	6	
	XYN8+F20FJK	SCREW	4	
	XYN8+F30FJK	SCREW	8	
43	XZBT6506	POLY BAG	1	

16.9. 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	⚠
C10	K1MN68BA0076	68P CONNECTOR	1	
C11	K1MN20BA0231	20P CONNECTOR	1	
C21	K1MN80BA0076	80P CONNECTOR	1	
C22	K1MN20BA0231	20P CONNECTOR	1	
C24,25	K1MN68BA0076	68P CONNECTOR	2	
C31	K1MN80BA0076	80P CONNECTOR	1	
C35	K1KA08AA0714	8P CONNECTOR	1	
C41	K1MN80BA0076	80P CONNECTOR	1	
C42	K1KA08AA0714	8P CONNECTOR	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	
C1102	F1J1A106A043	C 0.010UF, K, 10V	1	
C1103,04	F1G1C104A081	C 0.10UF, K, 16V	2	
C1106	F1H1H2700008	E 27UF, 50V	1	
C1107	F1H1H2200008	E 22UF, 50V	1	
C1108	F1G1C104A081	C 0.10UF, K, 16V	1	
C1109	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1111	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1112	F1G1C104A081	C 0.10UF, K, 16V	1	
C1114	F1G1C104A081	C 0.10UF, K, 16V	1	
C1117	F1G1C104A081	C 0.10UF, K, 16V	1	
C1122	F1G1E1030005	C 0.01UF, Z, 25V	1	
C1123	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1500	F1J1A106A043	C 0.010UF, K, 10V	1	
C1503-08	F1G1A104A012	C 0.01UF, K, 10V	6	
C1509	ECJ1XB0J105K	C 1UF, K, 16V	1	
C1513,14	ECJ0EC1H120J	C 120PF, K, 50V	2	
C1515	F1G1A104A012	C 0.01UF, K, 10V	1	
C1516	F1J1A106A043	C 0.010UF, K, 10V	1	
C1517	F1G1A104A012	C 0.01UF, K, 10V	1	
C1518	ECUV1A335KBN	C 33UF 10V	1	
C1519-31	F1G1A104A012	C 0.01UF, K, 10V	13	
C1532-35	F1J1A106A043	C 0.010UF, K, 10V	4	
C1536-39	ECJ0EC1H680J	C 680PF, K, 50V	4	
C1540,41	ECJ0EB1C103K	C 0.010UF, K, 16V	2	
C1543,44	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C1547-53	F1G1A104A012	C 0.01UF, K, 10V	7	
C1554	ECGMX0E101R	E 100UF, 10V	1	
C1555-62	F1G1A105A047	E 1UF, K, 10V	8	
C1563-67	F1G1A104A012	C 0.01UF, K, 10V	5	
C1568	ECGMX0E101R	E 100UF, 10V	1	
C1569-76	F1G1A105A047	E 1UF, K, 10V	8	
C1578	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C1579	F1G1H100A565	C 100PF, K, 50V	1	
C1580	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C1581	ECJ1XB0J105K	C 1UF, K, 16V	1	
C1582	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C1585,86	F1G1A104A012	C 0.01UF, K, 10V	2	
C1587	F1J1A106A043	C 0.010UF, K, 10V	1	
C1596	ECJ0EB1C103K	C 0.010UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1598,99	F1G1A104A012	C 0.01UF, K, 10V	2	
C1600	F1J1A106A043	C 0.010UF, K, 10V	1	
C1601,02	F1G1A104A012	C 0.01UF, K, 10V	2	
C1604	F1G1C104A081	C 0.10UF, K, 16V	1	
C1608	ECJ2FF1A475Z	C 4.7UF, Z, 10V	1	
C1610,11	F1G1A104A012	C 0.01UF, K, 10V	2	
C1612,13	ECJ2FF1A475Z	C 4.7UF, Z, 10V	2	
C1614	F1J1A106A043	C 0.010UF, K, 10V	1	
C1615	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C1616	F1J1A106A043	C 0.010UF, K, 10V	1	
C1617	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C1618,19	ECJ0EC1H181J	C 180PF, K, 50V	2	
C1620,21	ECJ0EC1H330J	C 330PF, K, 50V	2	
C1634,35	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C1636	F1G1H221A541	E 220UF, 50V	1	
C1637	F1G1A104A012	C 0.1UF, K, 10V	1	
C1638	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C1639	F1G1C223A081	C 0.022UF, 16V	1	
C1640	F1H1H471A219	E 470UF, 50V	1	
C1641	ECJ1XB0J105K	C 1UF, K, 16V	1	
C1642	F1G1A104A012	C 0.1UF, K, 10V	1	
C1643	EEEHB1C470P	C 47PF, J, 16V	1	
C1644	F1J1A475A039	C 4.7UF, K, 10V	1	
C1645	F1G1A104A012	C 0.1UF, K, 10V	1	
C1646	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C1647	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C1650	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C1651	EEEHB1C470P	C 47PF, J, 16V	1	
C1652,53	F1G1H221A541	E 220UF, 50V	2	
C1655	F1G1E1030005	C 0.01UF, Z, 25V	1	
C1656	ECJ0EB1A473K	C 0.047UF, K, 10V	1	
C1657	ECJ1XB0J105K	C 1UF, K, 16V	1	
C1658	F1G1A104A012	C 0.1UF, K, 10V	1	
C1659-62	F1J1A106A043	C 0.010UF, K, 10V	4	
C1663,64	F1G1C104A081	C 0.10UF, K, 16V	2	
C1665	F1J1A475A039	C 4.7UF, K, 10V	1	
C1666	F1G1C223A081	C 0.022UF, 16V	1	
C1667,68	EEEHB1C470P	C 47PF, J, 16V	2	
C1669	F1J1A106A043	C 0.010UF, K, 10V	1	
C1670,71	ECGRL0G680ER	C 68PF, J, 4V	2	
C1672	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C1675	EEEHB1C470P	C 47PF, J, 16V	1	
C1690-02	F1G1A104A012	C 0.01UF, K, 10V	13	
C1703	F1J1A106A043	C 0.010UF, K, 10V	1	
C1704-14	F1G1A104A012	C 0.01UF, K, 10V	11	
C1715-18	F1J1A106A043	C 0.010UF, K, 10V	4	
C1719-33	F1G1A104A012	C 0.01UF, K, 10V	15	
C1734-36	ECJ1XB0J105K	C 1UF, K, 16V	3	
C1737,38	F1G1A104A012	C 0.01UF, K, 10V	2	
C1739-41	ECJ1XB0J105K	C 1UF, K, 16V	3	
C1742-51	F1G1A104A012	C 0.01UF, K, 10V	10	
C1752,53	F1J1A106A043	C 0.010UF, K, 10V	2	
C1754-64	F1G1A104A012	C 0.01UF, K, 10V	11	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C1765,66	F1J1A106A043	C 0.010UF, K, 10V	2	
C1768,69	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C1771	F1G1A104A012	C 0.01UF, K, 10V	1	
C1772	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C1773	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C1774	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C1777	F1J1A106A043	C 0.010UF, K, 10V	1	
C1778	EEEHB1C470P	C 47PF, J, 16V	1	
C1779	ECGRL0G680ER	C 68PF, J, 4V	1	
C1781	F1J1A106A043	C 0.010UF, K, 10V	1	
C1783-85	F1G1A104A012	C 0.01UF, K, 10V	3	
C1789	F1J1A106A043	C 0.010UF, K, 10V	1	
C2000	F1G1C104A081	C 0.10UF, K, 16V	1	
C2005,06	F1H1H5610007	E 560UF, 50V	2	
C2010,11	F1H1H5610007	E 560UF, 50V	2	
C2013,14	F1H1H5610007	E 560UF, 50V	2	
C2016,17	F1H1H5610007	E 560UF, 50V	2	
C2021,22	F1H1H5610007	E 560UF, 50V	2	
C2023	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2048-50	ECJ1XB1H104K	C 10PF, J, 50V	3	
C2052,53	ECJ1XB1H104K	C 10PF, J, 50V	2	
C2054	F1J1A106A043	C 0.010UF, K, 10V	1	
C2055,56	ECJ1VC1H120J	C 12PF, J, 50V	2	
C2057,58	ECJ1XB1H104K	C 10PF, J, 50V	2	
C2059	F2G0J470A019	E 47UF 6.3V	1	
C2088	ECJ2FB1A475K	C 4.7UF, K, 10V	1	
C2089	F1H1H5610007	E 560UF, 50V	1	
C2091	ECJ1VC1H100C	C 10PF, C, 50V	1	
C2092	F1H1H2200008	E 22UF, 50V	1	
C2096,97	ECJ1XB1H104K	C 10PF, J, 50V	2	
C2098,99	EEEHB0J221UP	C 220PF, J, 6.3V	2	
C2100	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2101	F1J1A106A043	C 0.010UF, K, 10V	1	
C2102	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2105,06	ECJ1XB1H104K	C 10PF, J, 50V	2	
C2107,08	F2G0J470A019	E 47UF 6.3V	2	
C2109,10	ECJ1XB1H104K	C 10PF, J, 50V	2	
C2111	F1H0J2250008	C 2.2UF, K, 16V	1	
C2112,13	F2G0J470A019	E 47UF 6.3V	2	
C2114,15	ECJ1XB1H104K	C 10PF, J, 50V	2	
C2116	F1H1H471A792	E 470UF, 50V	1	
C2117	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2118	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C2119	EEEHB1A221P	C 220PF, J, 10V	1	
C2120,21	F1H1H5600007	E 56UF, 50V	2	
C2124	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2126	F1J1A106A043	C 0.010UF, K, 10V	1	
C2128	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2130	F1J0J106A021	C 0.010UF, K, 16V	1	
C2131	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2133	EEEHB1H4R7R	C 4.7PF, J, 50V	1	
C2134	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2135,36	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C2137	F2G0J470A019	E 47UF 6.3V	1	
C2138	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2143	F1H1H181A792	E 180UF, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2146	F1H1H181A792	E 180UF, 50V	1	
C2147	EEEHB1C220R	C 22PF, J, 16V	1	
C2151	F2G0J470A019	E 47UF 6.3V	1	
C2153	ECJ1XC1H330J	C 33PF, J, 50V	1	
C2154	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2155	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2157	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2159,60	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C2161	EEEHB1C101UP	C 100PF, J, 16V	1	
C2162-67	ECJ1VB1C105K	C 0.01UF, K, 16V	6	
C2170	ECJ1XC1H330J	C 33PF, J, 50V	1	
C2171	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2173	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C2174	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C2175	EEEHB1C470P	C 47PF, J, 16V	1	
C2176	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2179	EEEHB1C470P	C 47PF, J, 16V	1	
C2180	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C2183	F1J1A106A043	C 0.010UF, K, 10V	1	
C2184	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C2185	F1J1A106A043	C 0.010UF, K, 10V	1	
C2186	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2187	F1H0J2250008	C 2.2UF, K, 16V	1	
C2188	F1H1H471A792	E 470UF, 50V	1	
C2189	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C2190,91	F1J1A106A043	C 0.010UF, K, 10V	2	
C2192	F2G0J470A019	E 47UF 6.3V	1	
C2195	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C2197,98	ECJ1VB1C333K	C 0.033UF, K, 16V	2	
C2202	F1H0J2250008	C 2.2UF, K, 16V	1	
C2203	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C2204-06	ECJ1VB1C105K	C 0.01UF, K, 16V	3	
C2213	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C2216	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2244	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2245	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C2246	F1J1A106A043	C 0.010UF, K, 10V	1	
C2251	F1J1A106A043	C 0.010UF, K, 10V	1	
C2263,64	F1J1A106A043	C 0.010UF, K, 10V	2	
C2265-68	ECJ1XC1H101J	C 100PF, J, 50V	4	
C2270,71	F1H1H471A792	E 470UF, 50V	2	
C2272	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C2280	ECJ2FB1A475K	C 4.7UF, K, 10V	1	
C2281	F1H1H5610007	E 560UF, 50V	1	
C2288,89	F1J1A106A043	C 0.010UF, K, 10V	2	
C2301,02	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C2303-10	F1J1E105A171	E 1 UF 25V	8	
C2311-16	ECJ1XB1H104K	C 10PF, J, 50V	6	
C2317-24	ECJ1VB1C333K	C 0.033UF, K, 16V	8	
C2325,26	F1J1H474A757	C 0.47UF, 50V	2	
C2327-30	ECJ1XB1H104K	C 10PF, J, 50V	4	
C2331,32	F1J1H474A757	C 0.47UF, 50V	2	
C2333-36	ECJ1XB1H104K	C 10PF, J, 50V	4	
C2337-40	F1H1H223A219	E 0.022UF, 50V	4	
C2341-44	ECJ1XB1H104K	C 10PF, J, 50V	4	
C2345-48	F1H1H223A219	E 0.022UF, 50V	4	
C2349	ECJ1XB1H104K	C 10PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2352	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2353-60	ECJ1XB1H104K	C 10PF, J, 50V	8	
C2361,62	EEEFG1E471P	E 470UF, 25V	2	
C2363,64	ECJ1XB1H104K	C 10PF, J, 50V	2	
C2365	EEEHB1C221UP	C 220PF, J, 16V	1	
C2375-82	F1H1H223A219	E 0.022UF, 50V	8	
C2383-90	ECJ1XB1H102K	C 1000UF, Z, 50V	8	
C2502,03	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C2510	F1K0J1060020	C 10UF, K,6.3V	1	
C2511	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C2515	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2522-27	ECJ1XB1H102K	C 1000UF, Z, 50V	6	
C2581	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C2582	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2601,02	ECJ1XB1H104K	C 10PF, J, 50V	2	
C2801	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C2802,03	F1J1H474A757	C 0.47UF, 50V	2	
C2804	ECJ3XB1C106M	C 1.0UF, K, 16V	1	AZ/H/M
C2805-07	F1J1H474A757	C 0.47UF, 50V	3	AZ/H/M
C2813	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2814	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C2815	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2816	EEEHB1V220P	E 22UF, 35V	1	
C2817	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C2819	EEEHB1E470P	C 47PF, J, 25V	1	
C3021	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C3023,24	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C3026	ECJ1XB1H104K	C 10PF, J, 50V	1	
C3027,28	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C3029	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C3031	ECJ1XB1H104K	C 10PF, J, 50V	1	
C3033	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C3040	ECJ1XB1H104K	C 10PF, J, 50V	1	
C3043	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C3051-56	ECJ1VB1A105K	C 0.01UF, Z, 50V	6	
C3059,60	ECJ1VB1C105K	C 0.01UF, K, 16V	2	
C3062-64	ECJ1VB1C105K	C 0.01UF, K, 16V	3	
C3066	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	A
C3070	EEEHB0J221UP	C 220PF, J, 6.3V	1	
C3075	EEEHB1C221UP	C 220PF, J, 16V	1	
C3078	F1K0J226A008	C 22UF, K,6.3V	1	
C3081	F2H0J1010009	C 100UF, 6.3V	1	
C3100-02	ECJ1VB1A105K	C 0.01UF, Z, 50V	3	
C3103	EEEHB1C100R	C 10PF, J, 16V	1	
C3106	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	AZ/H/M
C3115-17	ECJ1XB1H104K	C 10PF, J, 50V	3	
C3118	EEEHB1C470P	C 47PF, J, 16V	1	
C3119	EEEHB1C100R	C 10PF, J, 16V	1	
C3120	ECJ1XB1H104K	C 10PF, J, 50V	1	
C3201	ECJ1XB1H104K	C 10PF, J, 50V	1	
C3202	F1J1H474A757	C 0.47UF, 50V	1	AZ/H/M
C3214	ECJ1XB1H104K	C 10PF, J, 50V	1	
C3216	ECJ1XB1H104K	C 10PF, J, 50V	1	
C3226-28	ECJ1XB1H104K	C 10PF, J, 50V	3	
C3230	ECJ1XB1H104K	C 10PF, J, 50V	1	
C3263	ECJ1XB1H104K	C 10PF, J, 50V	1	
C3265-67	ECJ1XB1H104K	C 10PF, J, 50V	3	
C3270	EEEHB0J102UP	C 1100PF, J, 6.3V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3271	EEEHB1C100R	C 10PF, J, 16V	1	
C3272	ECJ1XB1H104K	C 10PF, J, 50V	1	
C3273	F2G1H100A031	E 10UF, 50V	1	
C3274-76	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C3279	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3280	ECJ1XC1H101J	C 100PF, J, 50V	1	
C3281	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3285	EEEHB0J102UP	C 1100PF, J, 6.3V	1	AZ/H/M
C3286	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	AZ/H/M
C3291	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	AZ/H/M
C3292	ECJ1XC1H101J	C 100PF, J, 50V	1	AZ/H/M
C3293	EEEHB1C100R	C 10PF, J, 16V	1	AZ/H/M
C3296	ECJ1XB1H104K	C 10PF, J, 50V	1	AZ/H/M
C3298	EEEHB1V220P	E 22UF, 35V	1	AZ/H/M
C3299	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	AZ/H/M
C3300	F2H0J1010009	C 100UF, 6.3V	1	AZ/H/M
C3305	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	AZ/H/M
C3308	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	AZ/H/M
C3401	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3701	ECJ2XC1H561K	C 560PF, K, 50V	1	
C3703	ECJ2XC1H561K	C 560PF, K, 50V	1	
C3711,12	ECJ2VF1H333Z	C 0.033UF, Z, 50V	2	
C3715	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3750	F1J1H102A721	E 1000UF, 50V	1	
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	F1J0J106A004	C 0.010UF, K, 16V	1	
C3814	F1G1A104A012	C 0.01UF, K, 10V	1	
C3815-20	ECJ0EB1C103K	C 0.010UF, K, 16V	6	
C3823,24	F1G1A104A012	C 0.01UF, K, 10V	2	
C4005,06	F1G1C104A081	C 0.10UF, K, 16V	2	
C4008	F1G1C104A081	C 0.10UF, K, 16V	1	
C4010,11	F1G1C104A081	C 0.10UF, K, 16V	2	
C4013-15	F1G1C104A081	C 0.10UF, K, 16V	3	
C4016	F1J1C475A170	C 4.7UF, K, 16V	1	
C4018	F1G1C104A081	C 0.10UF, K, 16V	1	
C4019	F1J1H474A757	C 0.47UF, 50V	1	
C4020,21	F1G1C104A081	C 0.10UF, K, 16V	2	
C4022	F1J1H474A757	C 0.47UF, 50V	1	
C4023-25	F1G1C104A081	C 0.10UF, K, 16V	3	
C4027,28	F1G1C104A081	C 0.10UF, K, 16V	2	
C4030	F1G1C104A081	C 0.10UF, K, 16V	1	
C4032-34	F1G1C104A081	C 0.10UF, K, 16V	3	
C4035,36	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4038	F1G1C104A081	C 0.10UF, K, 16V	1	
C4039	F1G1E1030005	C 0.01UF, Z, 25V	1	
C4040	F1G1H150A565	E 15UF, 50V	1	
C4045,46	F1G1C104A081	C 0.10UF, K, 16V	2	
C4047	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4049	F1G1C104A081	C 0.10UF, K, 16V	1	
C4050	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4051-53	F1G1C104A081	C 0.10UF, K, 16V	3	
C4054	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C4500-03	F1G1C104A081	C 0.10UF, K, 16V	4	
C4506,07	F1G1C104A081	C 0.10UF, K, 16V	2	
C4508,09	EEEHB0J330R	C 33PF, J, 6.3V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4510,11	F1G1C104A081	C 0.10UF, K, 16V	2	
C4513-15	F1G1C104A081	C 0.10UF, K, 16V	3	
C4517	F1G1C104A081	C 0.10UF, K, 16V	1	
C4520	F1J1A106A043	C 0.010UF, K, 10V	1	
C4521	F1G1C104A081	C 0.10UF, K, 16V	1	
C4522	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C4523	F1J1H474A757	C 0.47UF, 50V	1	
C4524	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C4527	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4528	F1G1C104A081	C 0.10UF, K, 16V	1	
C4531	F1G1C104A081	C 0.10UF, K, 16V	1	
C4533	F1G1H680A565	E 68UF, 50V	1	
C4534,35	ECJ1XB1H104K	C 10PF, J, 50V	2	
C4538	F2G0J470A019	E 47UF 6.3V	1	
C4539	F1J1A106A043	C 0.010UF, K, 10V	1	
C4541	F1H1H471A219	E 470UF, 50V	1	
C4543-45	F1G1C104A081	C 0.10UF, K, 16V	3	
C4546	F1H0J2250008	C 2.2UF, K, 16V	1	
C4547	F1G1C104A081	C 0.10UF, K, 16V	1	
C4548,49	ECJ1XB1H104K	C 10PF, J, 50V	2	
C4550	F1G1C104A081	C 0.10UF, K, 16V	1	
C4551,52	ECJ1XB1H104K	C 10PF, J, 50V	2	
C4553	F1G1H1020008	E 1000UF, 50V	1	
C4555,56	F1J1A106A043	C 0.010UF, K, 10V	2	
C4557	F1G1C104A081	C 0.10UF, K, 16V	1	
C4559,60	F1G1C104A081	C 0.10UF, K, 16V	2	
C4562	F1H1H822A219	E 8200UF, 50V	1	
C4563	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C4564,65	F1G1E1030005	C 0.01UF, Z, 25V	2	
C4566	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C4567	ECJ1XB1H104K	C 10PF, J, 50V	1	
C4568	F1G1C104A081	C 0.10UF, K, 16V	1	
C4569	F1J1C684A097	C 0.68UF, Z, 16V	1	
C4570	F2G0J470A019	E 47UF 6.3V	1	
C4572,73	F1G1C104A081	C 0.10UF, K, 16V	2	
C4574	F1G1E1030005	C 0.01UF, Z, 25V	1	
C4575	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4576	F2G0J470A019	E 47UF 6.3V	1	
C4577,78	F1G1C104A081	C 0.10UF, K, 16V	2	
C4580	F1G1E1030005	C 0.01UF, Z, 25V	1	
C4581	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4582,83	F1G1C104A081	C 0.10UF, K, 16V	2	
C4584,85	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4586	F1G1E1030005	C 0.01UF, Z, 25V	1	
C4587	F1G1C104A081	C 0.10UF, K, 16V	1	
C4588	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C4589	F1G1H150A565	E 15UF, 50V	1	
C4590	ECJ0EC1H180J	C 180PF, K, 50V	1	
C4591,92	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4593	F1G1E1030005	C 0.01UF, Z, 25V	1	
C4595	F1G1E1030005	C 0.01UF, Z, 25V	1	
C4596	F1G1C104A081	C 0.10UF, K, 16V	1	
C4598	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4600,01	F1G1E1030005	C 0.01UF, Z, 25V	2	
C4602	F1G1C104A081	C 0.10UF, K, 16V	1	
C4604	F1H0J2250008	C 2.2UF, K, 16V	1	
C4605	F1G1C104A081	C 0.10UF, K, 16V	1	
C4607	F2G0J470A019	E 47UF 6.3V	1	
C4609	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4611	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4612	F1G1E1030005	C 0.01UF, Z, 25V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4613	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4614	F1G1C104A081	C 0.10UF, K, 16V	1	
C4615	F1G1E1030005	C 0.01UF, Z, 25V	1	
C4616,17	F1G1C104A081	C 0.10UF, K, 16V	2	
C4618	F1G1E1030005	C 0.01UF, Z, 25V	1	
C4619	F1G1C104A081	C 0.10UF, K, 16V	1	
C4620	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4621-23	F1G1C104A081	C 0.10UF, K, 16V	3	
C4624,25	ECJ1XB1H104K	C 10PF, J, 50V	2	
C4626-28	F1G1C104A081	C 0.10UF, K, 16V	3	
C4629	F1J1A106A043	C 0.010UF, K, 10V	1	
C4807	F1G1C104A081	C 0.10UF, K, 16V	1	
C5000	F2G0J470A019	E 47UF 6.3V	1	
C5001	F1G1A104A012	C 0.01UF, K, 10V	1	
C5002	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5004	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5005	F1G1A104A012	C 0.01UF, K, 10V	1	
C5006	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5007	F1G1A104A012	C 0.01UF, K, 10V	1	
C5008	ECJ1XC1H820J	C 82PF, J, 50V	1	
C5009	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5010	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5011,12	F1G1A104A012	C 0.01UF, K, 10V	2	
C5013	ECJ1XC1H680J	C 68PF, J, 50V	1	
C5015	F1G1A104A012	C 0.01UF, K, 10V	1	
C5016,17	ECJ1XC1H180J	C 18PF, J, 50V	2	
C5018	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5019	F1G1A104A012	C 0.01UF, K, 10V	1	
C5020	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C5021	F1J0J1060004	C 0.010UF, K, 16V	1	
C5022	F1G1A104A012	C 0.01UF, K, 10V	1	
C5024	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5025	F1G1A104A012	C 0.01UF, K, 10V	1	
C5026	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C5027	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5028	F1G1A104A012	C 0.01UF, K, 10V	1	
C5029	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5031	F1J0J1060004	C 0.010UF, K, 16V	1	
C5032,33	F1G1A104A012	C 0.01UF, K, 10V	2	
C5034,35	F1J0J1060004	C 0.010UF, K, 16V	2	
C5036	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5037	F2G0J470A019	E 47UF 6.3V	1	
C5038	F1G1A104A012	C 0.01UF, K, 10V	1	
C5040	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C5041	F1G1A104A012	C 0.01UF, K, 10V	1	
C5042	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5043	F1G1A104A012	C 0.01UF, K, 10V	1	
C5044,45	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C5046,47	F1G1A104A012	C 0.01UF, K, 10V	2	
C5048	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C5049	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5050	F1G1A104A012	C 0.01UF, K, 10V	1	
C5051,52	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C5053	F1G1A104A012	C 0.01UF, K, 10V	1	
C5054	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C5055-58	F1G1A104A012	C 0.01UF, K, 10V	4	
C5059	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C5060	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5061,62	F1G1A104A012	C 0.01UF, K, 10V	2	
C5063,64	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C5065	ECGRL0G680ER	C 68PF, J, 4V	1	
C5066	F2G0J470A019	E 47UF 6.3V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C5067	F1G1A104A012	C 0.01UF, K, 10V	1	
C5068-70	ECJ0EB1H102K	C 1000PF, K, 50V	3	
C5071,72	F1G1A104A012	C 0.01UF, K, 10V	2	
C5073,74	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C5075	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5076-79	ECJ0EB1H102K	C 1000PF, K, 50V	4	
C5080	F1G1A104A012	C 0.01UF, K, 10V	1	
C5081-83	ECJ0EB1H102K	C 1000PF, K, 50V	3	
C5084	F1G1A104A012	C 0.01UF, K, 10V	1	
C5085,86	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C5087	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5088	F1G1A104A012	C 0.01UF, K, 10V	1	
C5089,90	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C5091	F1G1A104A012	C 0.01UF, K, 10V	1	
C5092-94	ECJ0EB1H102K	C 1000PF, K, 50V	3	
C5095	F1G1A104A012	C 0.01UF, K, 10V	1	
C5096	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5097-00	ECJ0EB1H102K	C 1000PF, K, 50V	4	
C5101,02	F1G1A104A012	C 0.01UF, K, 10V	2	
C5103	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C5104	F1G1A104A012	C 0.01UF, K, 10V	1	
C5105	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C5106	F1G1A104A012	C 0.01UF, K, 10V	1	
C5107	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C5108,09	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C5110	F1G1A104A012	C 0.01UF, K, 10V	1	
C5111,12	ECJ0EB1H102K	C 1000PF, K, 50V	2	
C5113	F1G1A104A012	C 0.01UF, K, 10V	1	
C5114	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5115	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C5116	F1G1A104A012	C 0.01UF, K, 10V	1	
C5117,18	F1J0J1060004	C 0.010UF, K, 16V	2	
C5120	F1G1A104A012	C 0.01UF, K, 10V	1	
C5121	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5122-43	F1G1A104A012	C 0.01UF, K, 10V	22	
C5144,45	F1J0J1060004	C 0.010UF, K, 16V	2	
C5146	F1G1A104A012	C 0.01UF, K, 10V	1	
C5235	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C5268-70	F1J0J1060004	C 0.010UF, K, 16V	3	
C5271	F1G1A104A012	C 0.01UF, K, 10V	1	
C5272	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5273	F1G1A104A012	C 0.01UF, K, 10V	1	
C5274	EEEHB0G101R	C 100PF, J, 4V	1	
C5275	F1H1H471A792	E 470UF, 50V	1	
C5276	EEFCD0G560ER	C 56UF, K, 4V	1	
C5277	F1G1A104A012	C 0.01UF, K, 10V	1	
C5278	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5279	F1G1A104A012	C 0.01UF, K, 10V	1	
C5280	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5281	F1G1A104A012	C 0.01UF, K, 10V	1	
C5282	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5283	F1G1A104A012	C 0.01UF, K, 10V	1	
C5284	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5285-87	F1G1A104A012	C 0.01UF, K, 10V	3	
C5288	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5289	F1G1A104A012	C 0.01UF, K, 10V	1	
C5290	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5291,92	F1G1A104A012	C 0.01UF, K, 10V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C5293	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5294	F1G1A104A012	C 0.01UF, K, 10V	1	
C5295	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5296	F1G1A104A012	C 0.01UF, K, 10V	1	
C5297	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5298	F1G1A104A012	C 0.01UF, K, 10V	1	
C5299	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5300	F1G1A104A012	C 0.01UF, K, 10V	1	
C5301	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5302	F1G1A104A012	C 0.01UF, K, 10V	1	
C5303	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5343	F1G1A104A012	C 0.01UF, K, 10V	1	
C5344	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C5345	F1G1A104A012	C 0.01UF, K, 10V	1	
C5347	F1J0J1060004	C 0.010UF, K, 16V	1	
C5348	F1G1A104A012	C 0.01UF, K, 10V	1	
C5350	F1H0J1050012	C 1UF, K, 16V	1	
C5351	EEEHB0G470R	C 47PF, J, 4V	1	
C5352	F1H1H471A792	E 470UF, 50V	1	
C5353	F1H0J1050012	C 1UF, K, 16V	1	
C5354-56	F1G1A104A012	C 0.01UF, K, 10V	3	
C5357	EEEHB0G470R	C 47PF, J, 4V	1	
C5358	F1H0J1050012	C 1UF, K, 16V	1	
C5359	EEEHB0G470R	C 47PF, J, 4V	1	
C5360	F1H1H471A792	E 470UF, 50V	1	
C5361	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5362	F1G1A104A012	C 0.01UF, K, 10V	1	
C5363	EEEHB0G470R	C 47PF, J, 4V	1	
C5364-91	F1G1A104A012	C 0.01UF, K, 10V	28	
C5392	F1J0J1060004	C 0.010UF, K, 16V	1	
C5393	F1H1A154A012	C 0.15UF, K, 50V	1	
C5394	F1G1A104A012	C 0.01UF, K, 10V	1	
C5395	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C5397	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5409	F1J1E104A137	C 0.10UF, Z, 25V	1	
C5410	ECA1EM471	E 470UF, 25V	1	
C5412,13	F1J1E104A137	C 0.10UF, Z, 25V	2	
C5419	ECA1EM471	E 470UF, 25V	1	
C5420	F1J1E104A137	C 0.10UF, Z, 25V	1	
C5501	F2A1C471A537	E 470UF, 16V	1	
C5502	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C5503	F2A1C471A537	E 470UF, 16V	1	
C5504	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C5505	F2A1C471A537	E 470UF, 16V	1	
C5506	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C5507	F2A1C471A537	E 470UF, 16V	1	
C5508	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C5509	F2A1V331A096	E 330UF, 35V	1	
C5510	F1J1E104A137	C 0.10UF, Z, 25V	1	
C5521,22	ECJ2VB1C104K	C 0.1UF, K, 16V	2	
C5551	F2A1V331A096	E 330UF, 35V	1	
C5552	F1J1E104A137	C 0.10UF, Z, 25V	1	
C5587	F2A1C471A537	E 470UF, 16V	1	
C5588	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C5595	ECA1HM220	E 22UF, 50V	1	
C5600	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C5601	F1G1C104A081	C 0.10UF, K, 16V	1	
C5602	ECGRL0G680ER	C 68PF, J, 4V	1	
C5603,04	F1G1E1030005	C 0.01UF, Z, 25V	2	
C5605	F1J1A475A039	C 4.7UF, K, 10V	1	
C5606	F1H1H471A219	E 470UF, 50V	1	
C5607	F1G1H221A459	E 220UF, 50V	1	
C5608	F1G1C104A081	C 0.10UF, K, 16V	1	
C5609,10	EEEHB1C470P	C 47PF, J, 16V	2	
C5615	F1J1A106A043	C 0.010UF, K, 10V	1	
C5616	ECJ0EB1A473K	C 0.047UF, K, 10V	1	
C5617	ECJ1VB1C105K	C 0.01UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C5618,19	F1J1A106A043	C 0.010UF, K, 10V	2	
C5620	ECJ1XB1H104K	C 10PF, J, 50V	1	
C5621	F1G1E1030005	C 0.01UF, Z, 25V	1	
C5622	F1J1A475A039	C 4.7UF, K, 10V	1	
C5623	ECJ0EB1H471K	C 470PF, K, 50V	1	
C5624	F1G1H221A459	E 220UF, 50V	1	
C5625	F1G1E1030005	C 0.01UF, Z, 25V	1	
C5626,27	F1G1C104A081	C 0.10UF, K, 16V	2	
C5628,29	ECGRL0G680ER	C 68PF, J, 4V	2	
C5630,31	EEEHB1C470P	C 47PF, J, 16V	2	
C5632	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C5636-41	F1G1C104A081	C 0.10UF, K, 16V	6	
C5643	ECJ1XB1H104K	C 10PF, J, 50V	1	
C5644	F1G1E1030005	C 0.01UF, Z, 25V	1	
C5645	F1H1A225A051	E 22UF, 50V	1	
C5661	F1G1E1030005	C 0.01UF, Z, 25V	1	
C5662	ECJ0EB1A473K	C 0.047UF, K, 10V	1	
C5663	F1G1E1030005	C 0.01UF, Z, 25V	1	
C5670	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C5673,74	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C5676	F1G1C104A081	C 0.10UF, K, 16V	1	
C5690,91	F2G0J470A019	E 47UF 6.3V	2	
C5692,93	ECJ1XB1H104K	C 10PF, J, 50V	2	
C5694,95	F2G0J470A019	E 47UF 6.3V	2	
C5710-16	ECJ2VF1C104Z	C 0.1UF, Z, 16V	7	
C5730	F1G1E1030005	C 0.01UF, Z, 25V	1	
C5731	F2G0J470A019	E 47UF 6.3V	1	
C5851,52	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C5853	F1J1C1050030	C 1UF, Z, 16V	1	
C5854	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5856	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5857	ECJ2XC1H680J	C 68PF, J, 50V	1	
C5858	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5860	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5862	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5864	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5866	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C5869	F1G1A104A012	C 0.01UF, K, 10V	1	
C5870	ECJ0EB1H102K	C 1000PF, K, 50V	1	
C5910	EEEHB1C470P	C 47PF, J, 16V	1	
C5911,12	F1J1A106A043	C 0.010UF, K, 10V	2	
C5914	ECJ0EB1A473K	C 0.047UF, K, 10V	1	
C5915	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C5916,17	F1J1A106A043	C 0.010UF, K, 10V	2	
C5918	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5919	F1G1E1030005	C 0.01UF, Z, 25V	1	
C5920	F1H0J4750004	C 4.7UF, K, 16V	1	
C5921	ECJ0EB1H471K	C 470PF, K, 50V	1	
C5922	F1G1H221A459	E 220UF, 50V	1	
C5923	F1G1E1030005	C 0.01UF, Z, 25V	1	
C5924,25	F1G1C104A077	C 0.10UF, K, 16V	2	
C5926,27	ECGRL0G680ER	C 68PF, J, 4V	2	
C5928,29	EEEHB1C470P	C 47PF, J, 16V	2	
C5930	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C5939	F1G1C104A077	C 0.10UF, K, 16V	1	
C5950-52	ECJ1XC1H101J	C 100PF, J, 50V	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	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6006	F1L2J222A022	C 2200UF, K,6.3V	1	
C6008	F1L2J272A022	C 2700UF, K,6.3V	1	
C6011-20	ECA2DHG221	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	
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	ECA2DHG221	E 220UF, 200V	2	
C6091	F1L2J1020001	C 1000UF, K,6.3V	1	
C6111-14	ECA2DHG221	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	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6223	F2A2E470A022	E 47UF, 250V	1	
C6241	F2A1E471A487	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	F2A1E221A487	E 220UF, 25V	2	
C6274,75	F0C2E405A176	E 0.040UF, 250V	2	
C6281	ECJ2XB1H104K	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	ECA2DHG221	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	ECA2DHG221	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	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6502	F1L1E4750004	C 4.7UF, 25V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	F2A1A101A439	E 100UF, 10V	1	
C6562	TCUY1C105ZFN	C 1UF, 16V	1	
C6563	F2A1A101A439	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	F2A1E221A487	E 220UF, 25V	1	
C6593	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6594	F2A1E221A487	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	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
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	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6691,92	ECA2CM101	E 100UF, 160V	2	
C6693	F0C2E405A176	E 0.040UF, 250V	1	
C6701-08	ECJ2XB1H104K	C 0.1UF, K, 50V	8	
C6721	F2A1H101A493	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	ECJ2XB1H104K	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	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C6791	F2A1E221A487	E 220UF, 25V	1	
C6795,96	F2A1E221A487	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	F2A1E221A487	E 220UF, 25V	1	
C6815	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6822	F2A2V470A020	E 47UF, 350V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6961	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6964-69	F1L2E1040002	E 1000UF, 25V	6	
C6970	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6971	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6974-81	F1L2E1040002	E 1000UF, 25V	8	
C6982	ECJ2XC1H101J	C 100PF, J, 50V	1	
C6990,91	F1L2E1040002	E 1000UF, 25V	2	
C6992	ECJ2XC1H101J	C 100PF, J, 50V	1	
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	
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	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	
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	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	
C7700	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7705	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7708	F1H1A1050032	E 10UF, 50V	1	
C7709	F1H1A225A051	E 22UF, 50V	1	
C7710,11	F1J0J106A020	C 0.010UF, K, 16V	2	
C7712	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7713	ECJ1XC1H150J	C 15PF, J, 50V	1	
C7714	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7715	ECJ1XC1H180J	C 18PF, J, 50V	1	
C7716	F1J0J106A020	C 0.010UF, K, 16V	1	
C7717	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7718	F1J0J106A020	C 0.010UF, K, 16V	1	
C7719,20	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7721	F1J0J106A020	C 0.010UF, K, 16V	1	
C7724,25	ECJ1XC1H150J	C 15PF, J, 50V	2	
C7728	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7729	ECJ1XC1H150J	C 15PF, J, 50V	1	
C7730	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7731	ECJ1XC1H150J	C 15PF, J, 50V	1	
C7732,33	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C7734,35	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7736	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C7737	F1J0J106A020	C 0.010UF, K, 16V	1	
C7738	EEEHB0G101R	C 100PF, J, 4V	1	
C7742	F1J0J106A020	C 0.010UF, K, 16V	1	
C7745	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C8001	F1G1C104A081	C 0.10UF, K, 16V	1	
C8002-05	F1H0J1050012	C 1UF, K, 16V	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C8006-08	F1G1C104A081	C 0.10UF, K, 16V	3	
C8009,10	F1J1A106A043	C 0.010UF, K, 10V	2	
C8011-14	F1G1C104A081	C 0.10UF, K, 16V	4	
C8015,16	F1H0J1050012	C 1UF, K, 16V	2	
C8017	F1J1A106A043	C 0.010UF, K, 10V	1	
C8018-21	F1G1C104A081	C 0.10UF, K, 16V	4	
C8022	F1H0J1050012	C 1UF, K, 16V	1	
C8023,24	F1J1A106A043	C 0.010UF, K, 10V	2	
C8025-29	F1G1C104A081	C 0.10UF, K, 16V	5	
C8030,31	F1H0J1050012	C 1UF, K, 16V	2	
C8032	F1J1A106A043	C 0.010UF, K, 10V	1	
C8033,34	F1G1C104A081	C 0.10UF, K, 16V	2	
C8035,36	F1J1A106A043	C 0.010UF, K, 10V	2	
C8037-41	F1G1C104A081	C 0.10UF, K, 16V	5	
C8042	ECGRL0G680ER	C 68PF, J, 4V	1	
C8043-51	F1G1C104A081	C 0.10UF, K, 16V	9	
C8052	F1H0J1050012	C 1UF, K, 16V	1	
C8053	F1G1E1030005	C 0.01UF, Z, 25V	1	
C8056,57	F1G1C104A081	C 0.10UF, K, 16V	2	
C8058	F1J1A106A043	C 0.010UF, K, 10V	1	
C8067	F1G1E1030005	C 0.01UF, Z, 25V	1	
C8068	F1G1C104A081	C 0.10UF, K, 16V	1	
C8069	F1G1H820A565	E 82UF, 50V	1	
C8070-74	F1G1C104A081	C 0.10UF, K, 16V	5	
C8075	F1J0G2260001	C 0.001UF, 6.3V	1	
C8076-80	F1G1C104A081	C 0.10UF, K, 16V	5	
C8301	F1G1E1030005	C 0.01UF, Z, 25V	1	A
C8304	F1G1C104A081	C 0.10UF, K, 16V	1	A
C8306	F1G1H1020008	E 1000UF, 50V	1	A
C8307	F1G1C104A081	C 0.10UF, K, 16V	1	A
C8309	F1G1C104A081	C 0.10UF, K, 16V	1	A
C8310	EEEHB0G101R	C 100PF, J, 4V	1	A
C8311,12	F1G1H100A565	C 100PF, K, 50V	2	A
C8313,14	F1G1E1030005	C 0.01UF, Z, 25V	2	A
C8316	F2G0J470A019	E 47UF 6.3V	1	A
C8319-21	F1G1E1030005	C 0.01UF, Z, 25V	3	A
C8322	F1G1C104A081	C 0.10UF, K, 16V	1	A
C8323,24	F1G1H220A565	E 22UF, 50V	2	A
C8325	F1G1E1030005	C 0.01UF, Z, 25V	1	A
C8327,28	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	A
C8329-36	F1G1E1030005	C 0.01UF, Z, 25V	8	A
C8338,39	F1G1H220A565	E 22UF, 50V	2	A
C8340	F1G1E1030005	C 0.01UF, Z, 25V	1	A
C8551,52	F1G1C104A081	C 0.10UF, K, 16V	2	
C8555	F1G1C104A081	C 0.10UF, K, 16V	1	
C8601	F1G1C104A081	C 0.10UF, K, 16V	1	
C8621,22	F1G1C104A081	C 0.10UF, K, 16V	2	
C8731	F1G1E1030005	C 0.01UF, Z, 25V	1	
C8802,03	F1G1C104A081	C 0.10UF, K, 16V	2	
C9028,29	F1J0J1060004	C 0.010UF, K, 16V	2	
C9033,34	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	C 56UF, K, 4V	1	
C9085-99	ECJ1XB1C104K	C 0.1UF, Z, 16V	15	
C9101-10	ECJ1XB1C104K	C 0.1UF, Z, 16V	10	
C9111	EEFCD0G560ER	C 56UF, K, 4V	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	C 56UF, K, 4V	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	
C9496	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9512,13	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9514,15	ECJ2XF1C105Z	C 1.0UF, 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	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9533	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9534-38	ECJ3XB0J106M	C 10UF, M,6.3V	5	
C9539	EEFCD0G560ER	C 56UF, K, 4V	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	ECJ2XF1C105Z	C 1.0UF, 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	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9826	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	ECJ2XF1C105Z	C 1.0UF, 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	K1MN68BA0052	68P CONNECTOR	15	
CB1-15	K1MN68BA0052	68P CONNECTOR	15	
CF6281	D4DA91000001	THERMISTOR	1	
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	
D1107	MA704A	DIODE	1	
D1112	MA728	DIODE	1	
D1500	MA729	DIODE	1	
D1502	B0JCDD000002	DIODE	1	
D1503,04	MA22D3900L	DIODE	2	
D1505	B0JCDD000002	DIODE	1	
D1507	MA8024LTX	ZENER DIODE	1	
D1508	MA8039L	ZENER DIODE	1	
D1509	MA22D3900L	DIODE	1	
D1510	B0JCDD000002	DIODE	1	
D2025	K7AAAY000003	PHOTO LINK	1	
D2026	MA111	DIODE	1	
D2028,29	MA111	DIODE	2	
D2031-34	MA111	DIODE	4	
D2119	B0BC01100001	ZENER DIODE	1	
D2189	MA111	DIODE	1	
D2301,02	MA111	DIODE	2	
D2303	MA3056HTX	DIODE	1	
D2304	MA111	DIODE	1	
D2510,11	MA8056-M	ZENER DIODE	2	
D2520	LNJ107W5PRW	LED	1	
D2524	MA8056-M	ZENER DIODE	1	
D2581	MA3043M	ZENER DIODE	1	
D2582	MA3056M	ZENER DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D2632,33	MA111	DIODE	2	
D2634	MA3X78900L	ZENER DIODE	1	
D2635	MA111	DIODE	1	
D2636	MA3047HTX	DIODE	1	
D2637	MA111	DIODE	1	
D2638	B0BC03900015	ZENER DIODE	1	
D3003	MA8140M	ZENER DIODE	1	
D3005,06	MA8140M	ZENER DIODE	2	
D3035-43	MA8140M	ZENER DIODE	9	
D3044	B0BC01100001	ZENER DIODE	1	
D3045-49	MA8140M	ZENER DIODE	5	
D3100	MA8140M	ZENER DIODE	1	
D3102	MA111	DIODE	1	
D3334-38	MA111	DIODE	5	
D3401,02	MA729	DIODE	2	
D3405	B0JCCE000008	DIODE	1	
D3702	MA8140M	ZENER DIODE	1	
D3801-11	EZAEG2A50AX	DIODE	11	
D3812	MA3056M	ZENER DIODE	1	
D3813,14	B0HCMM000014	DIODE	2	
D4500-12	EZAEG2A50AX	DIODE	13	
D4513	MA3056M	ZENER DIODE	1	
D4514	EZAEG2A50AX	DIODE	1	
D4515	MA3056M	ZENER DIODE	1	
D4516-23	EZAEG2A50AX	DIODE	8	
D4524-27	B0HCMM000014	DIODE	4	
D4528	EZAEG2A50AX	DIODE	1	
D4532	B0HCMM000014	DIODE	1	
D5402	MA111	DIODE	1	
D5404-06	MA111	DIODE	3	
D5409	B0JCME000037	DIODE	1	
D5410	MA8110M	ZENER DIODE	1	
D5411	MA111	DIODE	1	
D5412	MA8033L	ZENER DIODE	1	
D5501,02	B0BC01000035	ZENER DIODE	2	
D5521	MA111	DIODE	1	
D5522	MA152	DIODE	1	
D5526	MA152	DIODE	1	
D5528	MA8120M	ZENER DIODE	1	
D5529	MAZ80680LL	ZENER DIODE	1	
D5530	MA111	DIODE	1	
D5531,32	MA152	DIODE	2	
D5533,34	MA8120M	ZENER DIODE	2	
D5571	B0BC6R600005	ZENER DIODE	1	
D5573-75	B0BC01100001	ZENER DIODE	3	
D5601,02	MA22D3900L	DIODE	2	
D5603,04	B0JCDD000002	DIODE	2	
D5605	MA22D3900L	DIODE	1	
D5606	B0JCDD000002	DIODE	1	
D5607,08	MA8024LTX	ZENER DIODE	2	
D5609	MA8056LTX	ZENER DIODE	1	
D5670	MA111	DIODE	1	
D5671	B0HCMM000014	DIODE	1	
D5673	B0HCMM000014	DIODE	1	
D5690,91	B0BC6R600005	ZENER DIODE	2	
D5901,02	MA22D3900L	DIODE	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D5903,04	B0JCDD000002	DIODE	2	
D5907,08	B0BC4R700007	ZENER DIODE	2	
D6001-04	MA3DF30000LZ	ZENER DIODE	4	
D6021-23	MA3DF30000LZ	ZENER DIODE	3	
D6024	B0HBSN000008	DIODE	1	
D6025,26	MA3DF30000LZ	ZENER DIODE	2	
D6032	MA111	DIODE	1	
D6061-64	B0HBSN000008	DIODE	4	
D6067,68	B0HBSN000008	DIODE	2	
D6071	B0HBSN000008	DIODE	1	
D6072	MA3DF30000LZ	ZENER DIODE	1	
D6081-86	MA3DF30000LZ	ZENER DIODE	6	
D6091	MA3DF30000LZ	ZENER DIODE	1	
D6092	B0HBSN000008	DIODE	1	
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	MA3DF30000LZ	ZENER DIODE	1	
D6151	B0ECHP000003	DIODE	1	
D6152	MA3DF30000LZ	ZENER DIODE	1	
D6153	B0ECHP000003	DIODE	1	
D6154	MA3DF30000LZ	ZENER DIODE	1	
D6191-93	B0HDRP000003	DIODE	3	
D6211	B0JCME000037	DIODE	1	
D6212	MA3DF30000LZ	ZENER 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	ZENER DIODE	4	
D6441	B0HBSN000008	DIODE	1	
D6451	MA3DF40000LZ	ZENER 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	MA3DF30000LZ	ZENER DIODE	6	
D6491	MA3DF40000LZ	ZENER DIODE	1	
D6497	MA111	DIODE	1	
D6501	B0ECHP000003	DIODE	1	
D6502	MA3DF30000LZ	ZENER DIODE	1	
D6521	B0ECHP000003	DIODE	1	
D6522	MA3DF30000LZ	ZENER DIODE	1	
D6523	B0ECHP000003	DIODE	1	
D6524	MA3DF30000LZ	ZENER DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6581,82	MA8330M	ZENER DIODE	2	
D6583	LNJ301MPUJA	LED	1	
D6584	MA8051L	ZENER DIODE	1	
D6585	MA111	DIODE	1	
D6601	MA8240MTX	ZENER DIODE	1	
D6602	B0ECHP000003	DIODE	1	
D6603	MA8240MTX	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	
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	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	
D7700	B3AEB0000107	LED	1	
D8850	MA728	DIODE	1	
D9017-19	MA3033L	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	K1KA12B00151	12P CONNECTOR	1	
DG2	K1KB23A00003	23P CONNECTOR	1	
DG6	K1KB80AA0218	80P CONNECTOR	1	
DG7	K1KA04AA0104	4P CONNECTOR	1	
DG11	K1KY30A00017	30P CONNECTOR	1	
DG23	K1KA09AA0665	9P CONNECTOR	1	
DG25	K1KBB0A00006	CONNECTOR	1	
DG31	K1KA20AA0009	20P CONNECTOR	1	
DG32	K1KA07AA0266	7P CONNECTOR	1	
DG33	K1KA11AA0715	11P CONNECTOR	1	
DG34,35	K1KA30AA0009	30P CONNECTOR	2	
DG52	K1KA14A00248	14P CONNECTOR	1	
DH4	K1KA07AA0266	7P CONNECTOR	1	
DH5	K1KB31AA0140	31P CONNECTOR	1	
DH8	K1KB21BA0063	21P CONNECTOR	1	
DH25	K1KAB0A00011	CONNECTOR	1	
FL1505,06	J0JAD0000028	CHIP INDUCTOR	2	
FL1508	J0MAB0000164	LC FILTER	1	
FL2001,02	J0HABB000004	LC FILTER	2	
FL2003-06	J0HABB000003	LC FILTER	4	
FL3001,02	J0HABB000003	LC FILTER	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
FL3003-05	J0HABB000004	LC FILTER	3	
FL3006,07	J0JAD0000028	CHIP INDUCTOR	2	
FL3008	J0HABB000003	LC FILTER	1	
FL3710-12	J0MAB0000199	LC FILTER	3	
FL5015-20	J0JAD0000028	CHIP INDUCTOR	6	
FL5730-34	J0HABH000013	LC FILTER	5	
FL5852,53	J0JAD0000028	CHIP INDUCTOR	2	
FL7101	J0HABH000013	LC FILTER	1	
FL7201,02	J0HABH000013	LC FILTER	2	
FL7501,02	J0HABH000013	LC FILTER	2	
FL7601	J0HABH000013	LC FILTER	1	
FL8801,02	J0HAAA000013	LC FILTER	2	
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	
G51	K1KY20A00015	20P CONNECTOR	1	
G52	K1KA02AA0150	2P CONNECTOR	1	
GH10	K1FA121E0001	121P CONNECTOR	1	
GH11	K1KY30A00017	30P CONNECTOR	1	
GS09	K1KA06A00508	6P CONNECTOR	1	
GS52	K1KA14B00129	14P CONNECTOR	1	
H2	K1KA23A00003	23P CONNECTOR	1	
H3	K1KA40AA0009	40P CONNECTOR	1	
H6	K1KB80AA0218	80P CONNECTOR	1	
H8	K1KA10AA0194	10P CONNECTOR	1	
H11	K1KA05AA0190	5P CONNECTOR	1	
H12	K1KA04AA0190	4P CONNECTOR	1	
H15	K1KA04AA0714	4P CONNECTOR	1	
H51	K1KA20AA0178	20P CONNECTOR	1	
IC1100	MNZSFD7GP42	IC	1	
IC1101	TVRP466	IC	1	A
IC1101	TVRP399	IC	1	AZ/H/M/MR
IC1501	MN2WS0031CTY	IC	1	
IC1502	C3ZBP0000038	IC	1	
IC1504	C1CB00002607	IC	1	
IC1509,10	C3ABSY000010	IC	2	
IC1511,12	C3ABRY000015	IC	2	
IC1513	C0ZBZ0001030	IC	1	
IC1514	C3EBKC000014	IC	1	
IC1518	C0ABBB000230	IC	1	
IC1519	C0FBBY000027	IC	1	
IC1520	C0JBCZ000550	IC	1	
IC1521	C0DBAYY00274	IC	1	
IC1525	C0CBCDC00035	IC	1	
IC1526	C0JBAZ002261	IC	1	
IC1527	C0CBCBD00008	IC	1	
IC1528	C0DBAYY00273	IC	1	
IC1530	C3FBSC000026	IC	1	
IC2000	C0JBAZ002261	IC	1	
IC2008	C0CBCBE00001	IC	1	
IC2010	C0CBCBC00190	IC	1	
IC2011	C0ABBB000230	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC2012	C1BB00000947	IC	1	
IC2013	C0DBGYY00281	IC	1	
IC2105	AN15862A-VT	IC	1	
IC2106	C1AB00002746	IC	1	
IC2107	C0DBFFD00003	IC	1	
IC2301, 02	C1AB00002730	IC	2	
IC2303	C0DBGYY00202	IC	1	
IC2601	C0JBAU000034	IC	1	
IC2610	C0DBAJB00004	IC	1	
IC3001	AN15876A-VT	IC	1	
IC3801	C1AB00002641	IC	1	
IC3802	TVRP315	IC	1	
IC3803	C0JBAU000034	IC	1	
IC4001	C1AB00002687	IC	1	
IC4002	C0CBCAC00275	IC	1	
IC4004	C0JBAZ002261	IC	1	
IC4005	C0CBCBC00190	IC	1	
IC4500	TVRP314	IC	1	
IC4501	TVRP313	IC	1	
IC4503	C1AB00002641	IC	1	
IC4504	C3EBEY000009	IC	1	
IC4506	C0DBGGF00001	IC	1	
IC4507	C0CBCBC00190	IC	1	
IC4508, 09	C0CBCAD00082	IC	2	
IC4510	C1AB00002753	IC	1	
IC4513, 14	C0JBAU000034	IC	2	
IC4515	NJM2903V	IC	1	
IC4800	C1ZBZ0003577	IC	1	
IC5000	TVRP341	IC	1	
IC5001	C0CBCBC00190	IC	1	
IC5002	C0CBCAC00282	IC	1	
IC5003	C3ZBN0000026	IC	1	
IC5006	C0CBCAF00031	IC	1	
IC5008	C0CBCAF00023	IC	1	
IC5009	C0CBCAF00031	IC	1	
IC5010	TVRP342-1	IC	1	
IC5012	C0CBCBC00190	IC	1	
IC5013	C0EBD0000221	IC	1	
IC5100	MN84525	IC	1	
IC5102	C3ABQJ000055	IC	1	
IC5105	C1ZBZ0003668	IC	1	
IC5400	C0DBAZG00034	IC	1	
IC5550, 51	EHMDD9851	LINEAR IC	2	
IC5600	C0DBAYY00273	IC	1	
IC5601	C0DBAYY00274	IC	1	
IC5660	C0EBM0000026	IC	1	
IC5670	C0CBCBC00190	IC	1	
IC5671	C0EBF0000376	IC	1	
IC5851	C0JBAZ002859	IC	1	
IC5901	C0DBAYY00274	IC	1	
IC6131	C0ZBZ0000895	IC	1	
IC6151	C0ZBZ0001324	IC	1	
IC6191	C0ZBZ0000895	IC	1	
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	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	
IC7700	TVRP397	IC	1	
IC7702	C1CB00002668	IC	1	
IC7703, 04	C0JBAR000358	IC	2	
IC8001	MN2WS0039AA	IC	1	
IC8002, 03	C3ABSY000014	IC	2	A
IC8002, 03	C3ABSG000039	IC	2	AZ/H/M
IC8004	C0ZBZ0001030	IC	1	
IC8301	C1AB00002710	IC	1	A
IC8302	C0CBCAD00082	IC	1	A
IC8554	TVRP559-1	IC	1	A
IC8554	TVRP558	IC	1	AZ/H/M
IC8601	TVRP289	IC	1	A
IC8601	TVRP288	IC	1	AZ
IC8601	TVRP285	IC	1	H
IC8601	TVRP286	IC	1	M
IC8621, 22	C0JBAZ002845	IC	2	
IC9001	TVRP507	IC	1	
IC9002	C0ZBZ0001330	IC	1	
IC9003	TVRP068-7	IC	1	
IC9007	TVRP510	IC	1	
IC9011	C0EBF0000431	IC	1	
IC9200	C1ZBZ0003473	IC	1	
IC9300	MN84521A-A	IC	1	
IC9301	C3ABQJ000051	IC	1	
IC9304	TVRP508	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	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	
J1	K1KA12AA0194	12P CONNECTOR	1	
J3	K1KA11AA0194	11P CONNECTOR	1	
J4	K1KA04AA0193	4P CONNECTOR	1	
JG04	K1KA14A00248	14P CONNECTOR	1	
JG08	K1KB21BA0063	21P CONNECTOR	1	
JG09	K1KA09AA0665	9P CONNECTOR	1	
JG10	K1KA10AA0666	10P CONNECTOR	1	
JG11	K1KA04A00554	4P CONNECTOR	1	
JG19	K1KA06A00508	6P CONNECTOR	1	
JK2003	K2HA204A0053	JACK	1	
JK3001	K1FB315A0006	CONNECTOR	1	
JK3100	K1U936A00002	CONNECTOR UNIT	1	
JK3701C	K4AK18B00003	TERMINAL	1	
JK4500, 01	K1FY119D0002	CONNECTOR	2	
JK7702	K1NA09E00088	9P CONNECTOR	1	
JS1,S2	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS1108	D0YAR0000007	M 0.0 OHM, J,0.063W	1	H
JS1109	D0YAR0000007	M 0.0 OHM, J,0.063W	1	M
JS1100	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
JS1110	D0YAR0000007	M 0.0 OHM, J,0.063W	1	MR
JS1111	D0YAR0000007	M 0.0 OHM, J,0.063W	1	AZ/H/M
JS1112	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	A
JS2031-33	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS2046	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2048, 49	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2051	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2059-62	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
JS2064	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2096	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2098	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2101	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2300, 01	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS2513	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3000	ERJ3GEY0R00	M 0 OHM, 1/16W	1	AZ/H/M
JS3002	ERJ3GEY0R00	M 0 OHM, 1/16W	1	A
JS3004	ERJ3GEY0R00	M 0 OHM, 1/16W	1	MR
JS3010-15	ERJ6GEY0R00	M 0 OHM, 1/10W	6	
JS3023, 24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
JS3032	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3206	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3208	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3209	ERJ3GEY0R00	M 0 OHM, 1/16W	1	AZ/H/M
JS3213	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3704, 05	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3707, 08	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
JS3715	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS3816	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS4001-03	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
JS4005	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS4007	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS4501	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
JS5000-09	ERJ2GE0R00	M 0.0 OHM, J,0.063W	10	
JS5020-23	ERJ2GE0R00	M 0.0 OHM, J,0.063W	4	
JS7700	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
K3	K1KA11B00092	11P CONNECTOR	1	
L1100	J0JHC0000078	CHIP INDUCTOR	1	
L1501,02	J0JHC0000045	CHIP INDUCTOR	2	
L1505-08	J0JHC0000045	CHIP INDUCTOR	4	
L1510	J0JHC0000045	CHIP INDUCTOR	1	
L1511	G1C3R3ZA0083	INDUCTION COIL	1	
L1512	G1C2R2ZA0083	INDUCTION COIL	1	
L1513	G1C100MA0203	INDUCTION COIL	1	
L1514	G1C100MA0077	INDUCTION COIL	1	
L1515	J0JCC0000241	CHIP INDUCTOR	1	
L1522	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
L1523-28	J0JHC0000045	CHIP INDUCTOR	6	
L1530	J0JHC0000078	CHIP INDUCTOR	1	
L1531	J0JCC0000241	CHIP INDUCTOR	1	
L1533	G1C1R5ZA0083	INDUCTION COIL	1	
L1534	G1C100MA0203	INDUCTION COIL	1	
L1535	J0JHC0000045	CHIP INDUCTOR	1	
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	
L2021	J0JHC0000078	CHIP INDUCTOR	1	
L2022	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L2026	G1C6R8MA0061	INDUCTOR COIL	1	
L2027	J0JHC0000045	CHIP INDUCTOR	1	
L2029	J0JCC0000077	CHIP INDUCTOR	1	
L2034,35	J0JCC0000364	CHIP INDUCTOR	2	
L2039,40	J0JHC0000045	CHIP INDUCTOR	2	
L2300-07	G1C330MA0291	INDUCTION COIL	8	
L2308-10	J0JJC0000011	CHIP INDUCTOR	3	
L2647	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
L2648	G1C470MA0077	INDUCTION COIL	1	
L2649	G1C100MA0072	INDUCTION COIL	1	
L2650	G1C3R3ZA0083	INDUCTION COIL	1	
L3001-03	TSK1032	BEAD CHOKE	3	
L3010	TSK1032	BEAD CHOKE	1	
L3013	TSK1032	BEAD CHOKE	1	
L3206-08	J0JCC0000241	CHIP INDUCTOR	3	
L3209	J0JGC0000021	CHIP INDUCTOR	1	
L3211	J0JGC0000021	CHIP INDUCTOR	1	
L3219,20	J0JCC0000241	CHIP INDUCTOR	2	AZ/H/M
L3222	J0JGC0000021	CHIP INDUCTOR	1	AZ/H/M
L3223-25	J0JCC0000241	CHIP INDUCTOR	3	AZ/H/M
L3226	J0JCC0000241	CHIP INDUCTOR	1	
L3227	J0JGC0000021	CHIP INDUCTOR	1	AZ/H/M
L3225,26	J0JCC0000241	CHIP INDUCTOR	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L3700,01	J0JCC0000364	CHIP INDUCTOR	2	
L3707,08	TSK1032	BEAD CHOKE	2	
L3801	J0JHC0000045	CHIP INDUCTOR	1	
L3804,05	J0JHC0000045	CHIP INDUCTOR	2	
L4002	J0JHC0000045	CHIP INDUCTOR	1	
L4004	J0JHC0000078	CHIP INDUCTOR	1	
L4006	J0JHC0000045	CHIP INDUCTOR	1	
L4008	J0JHC0000078	CHIP INDUCTOR	1	
L4500-08	J0JHC0000078	CHIP INDUCTOR	9	
L4511	J0JHC0000078	CHIP INDUCTOR	1	
L4512	J0JCC0000077	CHIP INDUCTOR	1	
L4516-18	J0JHC0000078	CHIP INDUCTOR	3	
L4520,21	J0JHC0000078	CHIP INDUCTOR	2	
L4524	J0JHC0000078	CHIP INDUCTOR	1	
L5000	J0JHC0000078	CHIP INDUCTOR	1	
L5001	TALC168T100K	CHIP INDUCTOR COIL	1	
L5002,03	J0JCC0000077	CHIP INDUCTOR	2	
L5004-06	J0JHC0000078	CHIP INDUCTOR	3	
L5015	J0JHC0000078	CHIP INDUCTOR	1	
L5017,18	J0JHC0000078	CHIP INDUCTOR	2	
L5019,20	J0JCC0000077	CHIP INDUCTOR	2	
L5021	J0JCC0000241	CHIP INDUCTOR	1	
L5024	J0JHC0000078	CHIP INDUCTOR	1	
L5401	G0C101KA0167	PEAKING COIL	1	
L5550	TALL08N2R7MA	INDUCTION COIL	1	
L5551,52	G0C150MA0056	PEAKING COIL	2	
L5553	TALL08N2R7MA	INDUCTION COIL	1	
L5554,55	G0C150MA0056	PEAKING COIL	2	
L5564	TALL08N2R7MA	INDUCTION COIL	1	
L5565	G0A220GA0002	CHOKE COIL	1	
L5566-68	TALL08N2R7MA	INDUCTION COIL	3	
L5600,01	G1C2R2ZA0083	INDUCTION COIL	2	
L5602	G1C3R3ZA0083	INDUCTION COIL	1	
L5604	G1C100MA0077	INDUCTION COIL	1	
L5605	J0JCC0000241	CHIP INDUCTOR	1	
L5606	G1C100MA0077	INDUCTION COIL	1	
L5610,11	J0JHC0000035	CHIP INDUCTOR	2	
L5670	J0JHC0000078	CHIP INDUCTOR	1	
L5690,91	J0JHC0000078	CHIP INDUCTOR	2	
L5692	J0JCC0000241	CHIP INDUCTOR	1	
L5735	J0JHC0000078	CHIP INDUCTOR	1	
L5900	G1C2R2ZA0083	INDUCTION COIL	1	
L5901	G1C3R3ZA0083	INDUCTION COIL	1	
L5904	G1C100MA0077	INDUCTION COIL	1	
L5905	J0JCC0000241	CHIP INDUCTOR	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	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	
L7702	J0JCC0000364	CHIP INDUCTOR	1	
L7704	J0JHC0000045	CHIP INDUCTOR	1	
L7706	J0JCC0000143	CHIP INDUCTOR	1	
L8001-05	J0JHC0000045	CHIP INDUCTOR	5	
L8006	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L8007-10	J0JHC0000045	CHIP INDUCTOR	4	
L8301,02	J0JHC0000045	CHIP INDUCTOR	2	A
L8304	J0JHC0000045	CHIP INDUCTOR	1	A
L8551	J0JCC0000241	CHIP INDUCTOR	1	
L8621	J0JCC0000241	CHIP INDUCTOR	1	
L8801	J0JHC0000045	CHIP INDUCTOR	1	
L8802	TSK1032	BEAD CHOKE	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	
PA3	K1KA40AA0009	40P CONNECTOR	1	
PA5	K1KA11AA0194	11P CONNECTOR	1	
PA9	K1KA04AA0190	4P CONNECTOR	1	
PA10	K1KA06A00452	6P CONNECTOR	1	
PA32	K1KA03AA0192	3P CONNECTOR	1	
PA34-36	K1KA03AA0192	3P CONNECTOR	3	
PA3401	K5H8012A0023	FUSE	1	
PA9800	K5H4022A0023	FUSE	1	
PC2511	B3JB00000026	IC	1	
PC6480	B3PBA0000223	IC	1	
PC6610	B3PBA0000223	IC	1	
PC6701-03	B3PBA0000233	IC	3	
PC6704	B3PBA0000234	IC	1	
PC6705	B3PBA0000233	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
PC6760	B3PBA0000223	IC	1	
PC6801	B3PBA0000223	IC	1	
PC6861	B3PBA0000223	IC	1	
PC6871	B3PBA0000223	IC	1	
PCB	TNPA4279AD	CIRCUIT BOARD H	1	A ⚠
PCB	TNPA4279AB	CIRCUIT BOARD H	1	AZ/H/M ⚠
PCB	TNPA4279AF	CIRCUIT BOARD H	1	MR ⚠
PCB	TXNDG1HGTA	CIRCUIT BOARD DG	1	A ⚠
PCB	TXNDG1HGTP	CIRCUIT BOARD DG	1	AZ ⚠
PCB	TXNDG1HFTH	CIRCUIT BOARD DG	1	H ⚠
PCB	TXNDG1HGTM	CIRCUIT BOARD DG	1	M ⚠
PCB	TXNDG1HGTX	CIRCUIT BOARD DG	1	MR ⚠
PCB	TNPA4458AD	CIRCUIT BOARD DH	1	⚠
PCB	TNPA4274AJ	CIRCUIT BOARD PA	1	⚠
PCB	TNPA4225AF	CIRCUIT BOARD JG	1	⚠
PCB	ETXMM631MGH	CIRCUIT BOARD P	1	⚠
PCB	TNPA4013	CIRCUIT BOARD SS2	1	⚠
PCB	TNPA4014	CIRCUIT BOARD SS3	1	⚠
PCB	TNPA4003	CIRCUIT BOARD C1	1	⚠
PCB	TNPA4004	CIRCUIT BOARD C2	1	⚠
PCB	TNPA4005	CIRCUIT BOARD C3	1	⚠
PCB	TNPA4006	CIRCUIT BOARD C4	1	⚠
PCB	TNPA4007	CIRCUIT BOARD C5	1	⚠
PCB	TNPA4008	CIRCUIT BOARD C6	1	⚠
PCB	TZTNP01HFTA	CIRCUIT BOARD D	1	⚠
PCB	TNPA4011	CIRCUIT BOARD SC	1	⚠
PCB	TNPA4010AC	CIRCUIT BOARD SD	1	⚠
PCB	TNPA4012	CIRCUIT BOARD SS	1	⚠
PCB	TNPA4009AC	CIRCUIT BOARD SU	1	⚠
PCB	TNPA4426AE	CIRCUIT BOARD K	1	⚠
PCB	TNPA4425AB	CIRCUIT BOARD J	1	⚠
PCB	TNPA4069	CIRCUIT BOARD R	1	⚠
PCB	TNPA4138AD	CIRCUIT BOARD S	1	⚠
PCB	TNPA4143AH	CIRCUIT BOARD GS	1	⚠
PCB	TNPA4262AE	CIRCUIT BOARD G	1	⚠
PCB	TNPA4135AF	CIRCUIT BOARD GH	1	⚠
Q1107,08	2SD601A	TRANSISTOR	2	
Q1500,01	2SC584500L	TRANSISTOR	2	
Q1505,06	B1MBEDA00015	TRANSISTOR	2	
Q1511	B1MBEDA00015	TRANSISTOR	1	
Q2000,01	2SD601A	TRANSISTOR	2	
Q2002,03	2SC584500L	TRANSISTOR	2	
Q2015	2SA207700L	TRANSISTOR	1	
Q2016,17	2SC584500L	TRANSISTOR	2	
Q2021	2SA207700L	TRANSISTOR	1	
Q2031	2SA207700L	TRANSISTOR	1	
Q2033	2SA207700L	TRANSISTOR	1	
Q2034,35	2SC584500L	TRANSISTOR	2	
Q2039-42	2SC584500L	TRANSISTOR	4	
Q2101,02	2SC584500L	TRANSISTOR	2	
Q2301	2SA207700L	TRANSISTOR	1	
Q2511	2SD601A	TRANSISTOR	1	
Q2513	2SD601A	TRANSISTOR	1	
Q2581	2SD601A	TRANSISTOR	1	
Q2635	2SC584500L	TRANSISTOR	1	
Q2636,37	2SA207700L	TRANSISTOR	2	
Q2638	2SC584500L	TRANSISTOR	1	
Q2639	2SK3065T100	FET	1	
Q3031,32	2SC584500L	TRANSISTOR	2	
Q3200	2SA207700L	TRANSISTOR	1	
Q3201	2SA207700L	TRANSISTOR	1	AZ/H/M

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q3401,02	2SC584500L	TRANSISTOR	2	
Q3801,02	2SD601A	TRANSISTOR	2	
Q3804	2SD601A	TRANSISTOR	1	
Q4000-02	2SA207700L	TRANSISTOR	3	
Q4500-05	2SD601A	TRANSISTOR	6	
Q4514-17	2SB0709A	TRANSISTOR	4	
Q4520	2SD601A	TRANSISTOR	1	
Q5000,01	B1CBHD000002	FET	2	
Q5501,02	2SD601A	TRANSISTOR	2	
Q5521,22	2SA207700L	TRANSISTOR	2	
Q5523,24	2SD601A	TRANSISTOR	2	
Q5561	B1DHDC000028	TRANSISTOR	1	
Q5562	2SD601A	TRANSISTOR	1	
Q5600-02	B1MBEDA00015	TRANSISTOR	3	
Q5603,04	2SD601A	TRANSISTOR	2	
Q5690,91	2SD601A	TRANSISTOR	2	
Q5692,93	B1DHDC000028	TRANSISTOR	2	
Q5901,02	B1MBEDA00015	TRANSISTOR	2	
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	
Q6174	B1ADRD000001	TRANSISTOR	1	
Q6181	B1ABRD000003	TRANSISTOR	1	
Q6183	B1ABRD000003	TRANSISTOR	1	
Q6184	B1ADRD000001	TRANSISTOR	1	
Q6211	B1ABNF000006	TRANSISTOR	1	
Q6212	B1ADNF000006	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	2SC1473AEA	TRANSISTOR	1	
Q7700	2SB0709A	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q7701	2SD601A	TRANSISTOR	1	
Q8850	2SD601A	TRANSISTOR	1	
Q8852,53	2SD601A	TRANSISTOR	2	
Q8911-13	2SD601A	TRANSISTOR	3	
Q9044	2SD601A	TRANSISTOR	1	
Q9046	2SD601A	TRANSISTOR	1	
Q9050-54	2SD601A	TRANSISTOR	5	
Q9057,58	B1CBHD000002	FET	2	
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	
R4	K1KA04BA0061	4P CONNECTOR	1	
R1100	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1101	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1102	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1103	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R1104	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R1105-09	ERJ2GEJ101	M 100 OHM, J,0.063W	5	
R1122	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R1124,25	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1134	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1144	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R1146	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1147	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R1153	ERJ2GEJ821	M 820 OHM, J,0.063W	1	
R1162	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1163	ERJ2GEJ105	M 1MOHM, J,0.063W	1	
R1164	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1165	ERJ2GEJ182	M 1.8KOHM, J,0.063W	1	
R1166	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1169	ERJ2GED563X	M 56KOHM ,J,0.063W	1	
R1170	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1171	ERJ2GED563X	M 56KOHM ,J,0.063W	1	
R1172	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1173	ERJ6GEYJ201	M 200 OHM,J,1/10W	1	
R1174,75	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1179	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1181	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1182	ERJ2GEJ273	M 27KOHM ,J,0.063W	1	
R1183,84	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R1194	ERJ2GED563X	M 56KOHM ,J,0.063W	1	
R1195	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1196	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
R1199	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R1200,01	ERJ2GEJ562	M 5.6KOHM, J,0.063W	2	
R1203	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R1204	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1205,06	ERJ2GEJ220	M 22 OHM, J,0.063W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1209	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R1216	ERJ2GEJ333	M 33KOHM, J,0.063W	1	
R1217	ERJ2GED563X	M 56KOHM ,J,0.063W	1	
R1218-20	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
R1221	ERJ3EKF7151	M 7.15KOHM, 1/16W	1	
R1222,23	ERJ2GEJ473	M 47KOHM, J,0.063W	2	
R1225-28	ERJ2GEJ473	M 47KOHM, J,0.063W	4	
R1229	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1231-34	ERJ2GEJ473	M 47KOHM, J,0.063W	4	
R1235	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1236,37	ERJ2GEJ473	M 47KOHM, J,0.063W	2	
R1243	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R1255	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1500,01	D1HG5608A002	NETWORK RESISTER	2	
R1502-04	EXB2HV101J	RESISTOR ARRAY	3	
R1505-18	ERJ2GEJ101	M 100 OHM, J,0.063W	14	
R1519-28	ERJ2GEJ560	M 56 OHM, J,0.063W	10	
R1529-32	D1HG1218A002	NETWORK RESISTER	4	
R1533-44	ERJ2GEJ121	M 120 OHM, J,0.063W	12	
R1545	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1546,47	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R1548	EXB38V560JV	RESISTOR ARRAY	1	
R1549,50	ERJ2GEJ560	M 56 OHM, J,0.063W	2	
R1551	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1552	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R1553	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1554	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1555-57	ERJ2GEJ560	M 56 OHM, J,0.063W	3	
R1558	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1559-61	ERJ2GEJ560	M 56 OHM, J,0.063W	3	
R1562,63	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1564,65	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R1566	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R1567	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1568	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
R1573	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1574-82	ERJ2GEJ103	M 10KOHM, J,0.063W	9	
R1584-89	ERJ2GEJ103	M 10KOHM, J,0.063W	6	
R1591	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R1592	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R1593	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1594	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R1595	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1596,97	ERJ2GEJ560	M 56 OHM, J,0.063W	2	
R1598-00	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
R1601	D1HG1038A002	NETWORK RESISTER	1	
R1602,03	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1604	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
R1606,07	ERJ2GEJ103	M 10KOHM, J,0.063W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1608-13	ERJ2GEJ332	M 3.3KOHM, J,0.063W	6	
R1614	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1615-17	ERJ2GEJ101	M 100 OHM, J,0.063W	3	
R1618,19	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1620	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R1621,22	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1623	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R1624-30	ERJ2GEJ103	M 10KOHM, J,0.063W	7	
R1632-36	ERJ2GEJ103	M 10KOHM, J,0.063W	5	
R1637	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R1638	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R1639,40	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1641	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R1643,44	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1649,50	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1651	D1HG1008A002	NETWORK RESISTER	1	
R1652	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1654	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R1655	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1656	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R1658	D1BA1601A026	M 1.6KOHM, 1/10W	1	
R1659,60	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1661	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R1662	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1663	ERJ2GEJ153	M 15KOHM ,J,0.063W	1	
R1664	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1666	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1667	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1669	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1670	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1671	EXB38V103JV	RESISTOR ARRAY	1	
R1672	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1673	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R1674	EXB38V560JV	RESISTOR ARRAY	1	
R1675,76	ERJ2GEJ560	M 56 OHM, J,0.063W	2	
R1677	EXB38V330J	RESISTOR ARRAY	1	
R1678,79	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1680,81	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1682	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R1691	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1694,95	ERJ2GEJ330	M 33 OHM, J,0.063W	2	
R1696-99	ERJ2GE0R00	M 0.0 OHM, J,0.063W	4	
R1700	ERJ3EKF75R0	M 0.75HM, 1/16W	1	
R1701	ERJ3GEYJ301	M 300 OHM,J,1/16W	1	
R1702-04	ERJ3EKF75R0	M 0.75HM, 1/16W	3	
R1705	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1706	ERJ3GEYJ301	M 300 OHM,J,1/16W	1	
R1707,08	ERJ3EKF75R0	M 0.75HM, 1/16W	2	
R1709,10	ERJ3EKF2700	M 270 OHM, 1/16W	2	
R1713,14	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1717-20	ERJ2GE0R00	M 0.0 OHM, J,0.063W	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1722	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1723,24	ERJ3EKF2700	M 270 OHM, 1/16W	2	
R1727,28	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1731-34	ERJ2GE0R00	M 0.0 OHM, J,0.063W	4	
R1735,36	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1737-40	ERJ2GEJ221	M 220 OHM, J,0.063W	4	
R1741-62	ERJ2GEJ470	M 47 OHM, J,0.063W	22	
R1763-02	ERJ2GE0R00	M 0.0 OHM, J,0.063W	40	
R1803-24	ERJ2GEJ470	M 47 OHM, J,0.063W	22	
R1825-65	ERJ2GE0R00	M 0.0 OHM, J,0.063W	41	
R1888	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1891	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R1893	ERJ2GEJ820	M 82 OHM, J,0.063W	1	
R1894	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1899	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1903	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1904	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1906	ERJ2GEJ820	M 82 OHM, J,0.063W	1	
R1907	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R1909	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R1911	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R1912,13	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R1914,15	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1916,17	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1923	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1924	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1926	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R1927,28	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R1929	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1930	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R1931	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R1932,33	ERJ2GEJ181	M 180 OHM, J,0.063W	2	
R1934	ERJ2GEJ820	M 82 OHM, J,0.063W	1	
R1936	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1937	ERJ3EKF2322	M23.2KOHM, 1/16W	1	
R1938	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R1939	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R1940	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R1942	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R1943,44	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R1945	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R1946	ERJ3GEYF473	M 47KOHM, 1/16W	1	
R1947	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R1949	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R1955-57	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R1967-69	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R1973-75	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R1979-81	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R2001	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R2006	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R2007	ERJ2GEJ473	M 47KOHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2010-15	ERJ2GEJ473	M 47KOHM, J,0.063W	6	
R2018	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R2020-23	ERJ2GEJ473	M 47KOHM, J,0.063W	4	
R2024	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R2025	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R2027	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R2028	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R2029-34	ERJ6GEYJ184	M 180KOHM,J,1/10W	6	
R2047	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R2048	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2049	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R2050	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2051,52	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R2053,54	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2056,57	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R2058	ERJ3GEYJ301	M 300 OHM,J,1/16W	1	
R2059	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R2084	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2085	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R2086	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2088	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2089	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R2092	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2093	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R2094	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2096	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2097	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R2098,99	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2100	ERJ3EKF2002	M 20KOHM, 1/16W	1	
R2104	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R2106	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2110	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2111	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R2112	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R2113	ERJ3EKF1203	M 120KOHM, 1/16W	1	
R2114	ERJ3EKF7502	M 75KOHM, 1/16W	1	
R2116,17	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2118	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R2119	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2122	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2123	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2124	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2125	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2127	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2128	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2129	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2131	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2132	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2137,38	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R2143,44	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R2145,46	ERJ3EKF2002	M 20KOHM, 1/16W	2	
R2149	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2150,51	ERJ3EKF2002	M 20KOHM, 1/16W	2	
R2152	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2154	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R2156	ERJ3GEYJ331	M 330 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	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2166	ERJ3EKF1602	M16.0KOHM, 1/16W	1	
R2167	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2168	ERJ3EKF1602	M16.0KOHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2169	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R2170-75	ERJ3GEYJ221	M 220 OHM,J,1/16W	6	
R2178	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2179	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2180	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2181	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R2182,83	ERJ3EKF3602	M 36KOHM, 1/16W	2	
R2184,85	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R2186	ERJ3GEYJ823	M 82KOHM,J,1/16W	1	
R2187	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2189	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2192,93	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2194	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2195,96	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R2197	ERJ3EKF6802	M 68KOHM, 1/16W	1	
R2198	ERJ3EKF1583	M 158KOHM, 1/16W	1	
R2205	ERJ3GEYJ203	M 20KOHM,J,1/16W	1	
R2206	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2208-10	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R2216	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2217	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2218	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2220	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R2223-25	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R2227-32	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R2233	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2235	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2236,37	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R2239	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2242	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R2257	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2263	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2265	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2266	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R2270,71	EXB28V220J	RESISTOR ARRAY	2	
R2276	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2290,91	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2294-97	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R2301,02	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R2305	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2306,07	ERJ3GEYJ683	M 68KOHM,J,1/16W	2	
R2308,09	ERJ8GEYJ3R3V	M 3.3 OHM, J,1/8W	2	
R2311-16	ERJ8GEYJ3R3V	M 3.3 OHM, J,1/8W	6	
R2317-26	ERJ6GEYJ100	M 10 OHM,J,1/10W	10	
R2330	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2331	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2506,07	J0JHC0000096	CHIP INDUCTOR	2	
R2512	ERJ6GEYG470V	M 47 OHM,J,1/10W	1	
R2521	ERJ6GEYG470V	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	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R2556,57	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R2575	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2576,77	J0JCC0000241	CHIP INDUCTOR	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2578,79	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R2581	ERJ6GEYG470V	M 47 OHM,J,1/10W	1	
R2583	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R2584	ERJ6GEYF473	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	
R2601-03	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R2624,25	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R2628,29	ERJ3GEYJ752	M 7.5KOHM,J,1/16W	2	
R2853	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2854	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2855	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R2856	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2857	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2858	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2859	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2860	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2861	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2863,64	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R2865	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2866	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R2867	ERJ6ENF8202	M 82KOHM, 1/10W	1	
R2868	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R2869	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R2890	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3001-10	ERJ6ENF75R0	M 75 OHM, 1/10W	10	
R3012	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3020-22	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R3044,45	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3059	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3062-65	ERJ3GEYJ221	M 220 OHM,J,1/16W	4	
R3068	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3069	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3072-74	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3086	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	AZ/H/M
R3087	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3088	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	A
R3089	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3090	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R3096-01	ERJ3GEYJ680	M 68 OHM,J,1/16W	6	
R3102	ERJ3GEY0R00	M 0 OHM, 1/16W	1	A/MR
R3103	J0JGC0000021	CHIP INDUCTOR	1	
R3104	ERJ3GEY0R00	M 0 OHM, 1/16W	1	A/MR
R3105	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	AZ/H/M
R3107	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3109	J0JGC0000021	CHIP INDUCTOR	1	
R3110	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3111	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R3112	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	AZ/H/M
R3113	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3119	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3120	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R3121	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R3123	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R3130,31	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3133	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R3135	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3137	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3140	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R3143	ERJ6ENF69R8	M 69.8OHM, 1/10W	1	
R3145	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3168	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3174-76	ERJ3GEYJ680	M 68 OHM,J,1/16W	3	
R3177	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3180	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3188	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3191	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R3202	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3205	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3206	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3215	ERJ3GEY0R00	M 0 OHM, 1/16W	1	AZ/H/M
R3216	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3222	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	
R3236-38	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R3239	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3240	ERJ3EKF5600	M 560 OHM, 1/16W	1	
R3243	ERJ6GEYG271	M 270 OHM,J,1/10W	1	
R3244	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3246	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3247	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3249	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R3250,51	D0GB152JA057	M 1.5KOHM,J,1/16W	2	AZ/H/M
R3252	ERJ6GEYG271	M 270 OHM,J,1/10W	1	AZ/H/M
R3253,54	ERJ3GEY0R00	M 0 OHM, 1/16W	2	AZ/H/M
R3255	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	AZ/H/M
R3256	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	AZ/H/M
R3259	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	AZ/H/M
R3260	ERJ3EKF5600	M 560 OHM, 1/16W	1	AZ/H/M
R3266	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R3268	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	A/MR
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	
R3313	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3318	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3348,49	ERJ3GEYJ680	M 68 OHM,J,1/16W	2	
R3350	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3401	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3402	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3403	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3404	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3405	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
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	
R3722-25	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3732	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3746	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3748	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3750	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3751	ERJ6ENF1432	M14.3KOHM, 1/10W	1	
R3753	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R3754	ERJ6ENF1621	M1.62KOHM, 1/10W	1	
R3755	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3758	ERJ6ENF6651	M6.65KOHM, 1/10W	1	
R3765	ERJ6ENF2321	M2.32KOHM, 1/10W	1	
R3767	ERJ6ENF3161	M3.16KOHM, 1/10W	1	
R3768	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3801,02	ERJ2GEJ103	M 10KOHM, J,0.063W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3803	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
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	
R3818	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R3819,20	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R3821	ERJ2GEJ390	M 39 OHM, J,0.063W	1	
R3822	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R3823	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R3824-31	ERJ2GEJ2R7X	M 2.7OHM, J,0.063W	8	
R3832	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R3834	ERJ3EKF49R9	M 49.9 OHM, 1/16W	1	
R3835	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R3840,41	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R3851	ERJ2GEJ820	M 82 OHM, J,0.063W	1	
R3852-54	ERJ3EKF82R0	M 82 OHM, 1/16W	3	
R3855	ERJ3EKF5601	M 5.6KOHM, 1/16W	1	
R3856	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R3858	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R3860	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R3865	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R3868,69	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R3871-73	ERJ2GEJ560	M 56 OHM, J,0.063W	3	
R3874	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R3875	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R3876	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R3877,78	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R3880	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R3884	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R3885-87	D1HG1038A002	NETWORK RESISTER	3	
R3888,89	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R3890,91	D1HG1038A002	NETWORK RESISTER	2	
R3892	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R3893	D1HG1038A002	NETWORK RESISTER	1	
R3894-98	ERJ2GEJ103	M 10KOHM, J,0.063W	5	
R3899-01	ERJ2GEJ560	M 56 OHM, J,0.063W	3	
R3902,03	D1HG5608A002	NETWORK RESISTER	2	
R3904	D1HG1038A002	NETWORK RESISTER	1	
R3905-09	ERJ2GEJ103	M 10KOHM, J,0.063W	5	
R3910,11	D1HG1038A002	NETWORK RESISTER	2	
R3912-17	ERJ2GEJ560	M 56 OHM, J,0.063W	6	
R3918,19	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R3921-23	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
R3924	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R3926	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3927,28	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R3929	D1BA3302A026	M 33KOHM, 1/10W	1	
R3930	D1BA5602A026	M 56KOHM, 1/10W	1	
R3931	D1BA3302A026	M 33KOHM, 1/10W	1	
R3932	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R3933	D1BA5602A026	M 56KOHM, 1/10W	1	
R3934	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R3935	ERJ2GEJ242	M 2.4KOHM, J,0.063W	1	
R3937	ERJ2GEJ242	M 2.4KOHM, J,0.063W	1	
R3939,40	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R3942-44	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
R3959	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R3960	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R3970-73	ERJ2GE0R00	M 0.0 OHM, J,0.063W	4	
R3975	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R3976	ERJ3EKF2322	M23.2KOHM, 1/16W	1	
R3977	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R3978	ERJ3EKF2322	M23.2KOHM, 1/16W	1	
R3979	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R3981-85	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	
R3986	ERJ3GEYF473	M 47KOHM, 1/16W	1	
R3987	ERJ3EKF1272	M12.7KOHM, 1/16W	1	
R3988	ERJ3EKF4752	M47.5KOHM, 1/16W	1	
R3989	ERJ3EKF3002	M 30KOHM, 1/16W	1	
R3995	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3999	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4002,03	EXB2HV680J	RESISTOR ARRAY	2	
R4004,05	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R4006	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4007	ERJ3EKF7500	M 750 OHM, 1/16W	1	
R4010	ERJ3EKF1821	M1.82KOHM, 1/16W	1	
R4011,12	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4013	ERJ2GEJ681	M 680 OHM, J,0.063W	1	
R4014	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R4016	ERJ2GEJ681	M 680 OHM, J,0.063W	1	
R4017	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R4019	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R4025	ERJ3GEYJ202	M 2KOHM,J,1/16W	1	
R4028,29	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R4034	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4200-02	ERJ2GEJ330	M 33 OHM, J,0.063W	3	
R4203,04	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4205,06	D1HG33080001	NETWORK RESISTER	2	
R4207	EXB2HV680J	RESISTOR ARRAY	1	
R4208,09	D1HG33080001	NETWORK RESISTER	2	
R4210	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4229	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4230	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4241	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4244	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4246,47	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4249	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4284	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4287,88	ERJ2GEJ473	M 47KOHM, J,0.063W	2	
R4291,92	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4302-08	ERJ2GEJ330	M 33 OHM, J,0.063W	7	
R4309	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4311,12	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R4317	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R4320-23	ERJ2GEJ473	M 47KOHM, J,0.063W	4	
R4325,26	ERJ2GEJ473	M 47KOHM, J,0.063W	2	
R4328-30	ERJ2GEJ473	M 47KOHM, J,0.063W	3	
R4500,01	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4502,03	ERJ2GEJ330	M 33 OHM, J,0.063W	2	
R4506,07	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4508-23	ERJ2GEJ2R2X	M 2.2OHM, J,0.063W	16	
R4524,25	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4526,27	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R4528	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4529	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4530	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4531	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4532,33	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4535,36	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R4538	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R4539	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4540	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R4541-43	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R4544-47	ERJ2GEJ103	M 10KOHM, J,0.063W	4	
R4552	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4561	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R4562,63	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R4564,65	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4567	ERJ3EKF4701	M 4.7KOHM, 1/16W	1	
R4578,79	ERJ2GEJ151	M 150 OHM, J,0.063W	2	
R4585	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4587	ERJ3EKF8200	M 820 OHM, 1/16W	1	
R4593	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4596-98	ERJ6GEYJ102	M 1KOHM,J,1/10W	3	
R4601	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R4604	ERJ3EKF7501	M 7.5KOHM, 1/16W	1	
R4606	ERJ3EKF4701	M 4.7KOHM, 1/16W	1	
R4611	ERJ3EKF1371	M 1.37KOHM, 1/16W	1	
R4612	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	
R4613,14	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4615	ERJ3EKF1600	M 160 OHM, 1/16W	1	
R4622	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4624	ERJ3EKF1691	M1.69KOHM, 1/16W	1	
R4626	ERJ2GEJ105	M 1MOHM, J,0.063W	1	
R4627	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4628,29	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R4631	ERJ3EKF4990	M 499 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4634	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R4635	EXB28V680JX	RESISTOR ARRAY	1	
R4636-38	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R4639,40	EXB28V680JX	RESISTOR ARRAY	2	
R4641	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4642	EXB28V680JX	RESISTOR ARRAY	1	
R4643,44	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4645-47	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R4648	EXB28V330J	RESISTOR ARRAY	1	
R4649	EXB28V680JX	RESISTOR ARRAY	1	
R4650,51	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R4652	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R4653	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4654	ERJ3EKF4701	M 4.7KOHM, 1/16W	1	
R4655	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4656	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
R4657,58	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4659	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4661	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4663	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4665,66	ERJ2GEJ473	M 47KOHM, J,0.063W	2	
R4667	ERJ2GEJ151	M 150 OHM, J,0.063W	1	
R4670	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4672	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R4676-81	ERJ2GEJ220	M 22 OHM, J,0.063W	6	
R4682	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R4683	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4686	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R4687,88	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R4689-92	ERJ2GEJ220	M 22 OHM, J,0.063W	4	
R4694	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R4698,99	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4702,03	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R4706	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R4707	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4708	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R4800	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R4819,20	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4832	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4833	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R4834	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R4838	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4841	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R4842	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R4844,45	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R4846	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R4848	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R5000,01	ERJ2GEJ332	M 3.3KOHM, J,0.063W	2	
R5002-04	ERJ2GEJ220	M 22 OHM, J,0.063W	3	
R5005	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R5007	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R5008	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R5009	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R5010	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R5011,12	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R5013	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R5014-18	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R5019,20	EXB2HV680J	RESISTOR ARRAY	2	
R5021-25	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R5026	EXB2HV680J	RESISTOR ARRAY	1	
R5027	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5028	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R5029,30	ERJ3EKF1000	M 100 OHM, 1/16W	2	
R5031	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5032	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R5033	ERJ3EKF4751	M 4.75KOHM, 1/16W	1	
R5034	ERJ3EKF75R0	M 0.75HM, 1/16W	1	
R5035	ERJ3EKF2001	M 2KOHM, 1/16W	1	
R5036	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5038	ERJ2GEJ105	M 1MOHM, J,0.063W	1	
R5039-41	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R5043,44	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R5045	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R5046	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5048	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5051-54	D1HG8208A002	NETWORK RESISTER	4	
R5055-58	EXB2HV221JV	RESISTOR ARRAY	4	
R5059-64	ERJ2GEJ470	M 47 OHM, J,0.063W	6	
R5065,66	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R5067	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5068,69	ERJ2GEJ182	M 1.8KOHM, J,0.063W	2	
R5070-72	ERJ2GEJ470	M 47 OHM, J,0.063W	3	
R5087	ERJ3EKF5601	M 5.6KOHM, 1/16W	1	
R5088	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R5091	ERJ3EKF3302	M 33KOHM, 1/16W	1	
R5092	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5117	ERJ3EKF3302	M 33KOHM, 1/16W	1	
R5118	ERJ3EKF3242	M32.4KOHM, 1/16W	1	
R5119,20	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R5121	EXB2HV470JV	RESISTOR ARRAY	1	
R5122	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R5123	EXB2HV470JV	RESISTOR ARRAY	1	
R5124	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R5125	EXB2HV470JV	RESISTOR ARRAY	1	
R5126	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R5127	EXB2HV470JV	RESISTOR ARRAY	1	
R5128	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R5129	EXB2HV470JV	RESISTOR ARRAY	1	
R5130,31	ERJ2GEJ470	M 47 OHM, J,0.063W	2	
R5132,33	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R5134	EXB2HV470JV	RESISTOR ARRAY	1	
R5135	ERJ2GEJ101	M 100 OHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5136,37	ERJ3EKF1001	M 1KOHM, 1/16W	2	
R5138-42	ERJ2GE0R00	M 0.0 OHM, J,0.063W	5	
R5169	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
R5170	ERJ3EKF3242	M32.4KOHM, 1/16W	1	
R5172	ERJ3EKF1690	M 169 OHM, 1/16W	1	
R5173,74	ERJ3GEYJ121	M 120 OHM,J,1/16W	2	
R5176	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R5179	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5181	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5183,84	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R5191	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5194	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5196	ERJ2GEJ182	M 1.8KOHM, J,0.063W	1	
R5197,98	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R5199-02	ERJ2GEJ103	M 10KOHM, J,0.063W	4	
R5203	ERJ2GEJ102	M 1KOHM, J,0.063W	1	
R5204	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R5205,06	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R5214	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5215-34	ERJ3GEYJ121	M 120 OHM,J,1/16W	20	
R5235-44	ERJ3EKF1690	M 169 OHM, 1/16W	10	
R5246	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R5248	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R5249	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R5250	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R5251	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R5300,01	D1HG8208A002	NETWORK RESISTER	2	
R5302-08	ERJ2GEJ820	M 82 OHM, J,0.063W	7	
R5318	ERJ2GEJ821	M 820 OHM, J,0.063W	1	
R5319	ERJ2GEJ332	M 3.3KOHM, J,0.063W	1	
R5329	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5337	ERJ2GEJ182	M 1.8KOHM, J,0.063W	1	
R5338	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5339	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5340	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R5342-44	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R5345,46	ERJ2GEJ102	M 1KOHM, J,0.063W	2	
R5347	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5402	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R5404-06	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	3	
R5409	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R5412	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R5413	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R5416	ERJ6ENF2741	M2.74KOHM, 1/10W	1	
R5417	ERJ6ENF9100	M 910 OHM, 1/10W	1	
R5418	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R5420	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5423	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R5443	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5487	ERJ6GEY0R00	M 0 OHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5502,03	ERJ6ENF1271	M1.27KOHM, 1/10W	2	
R5506,07	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R5508	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
R5509	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R5525,26	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R5527	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
R5531	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R5532	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R5533	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5534	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
R5535	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R5536	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R5537	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R5538	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R5540	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R5542	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R5544	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R5546,47	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R5548,49	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R5552,53	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R5554	ERJ6ENF2611	M2.61KOHM, 1/10W	1	
R5555	ERJ6ENF1271	M1.27KOHM, 1/10W	1	
R5570	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R5571	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
R5572	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R5573	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R5576,77	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R5600	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R5604	ERJ3GEYF473	M 47KOHM, 1/16W	1	
R5605	ERJ3EKF1272	M12.7KOHM, 1/16W	1	
R5606-09	ERJ2GE0R00	M 0.0 OHM, J,0.063W	4	
R5610	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R5611	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R5612	ERJ3EKF2322	M23.2KOHM, 1/16W	1	
R5620	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R5621	ERJ3GEYF473	M 47KOHM, 1/16W	1	
R5622	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R5623	ERJ3GEYF473	M 47KOHM, 1/16W	1	
R5625-28	ERJ2GE0R00	M 0.0 OHM, J,0.063W	4	
R5629	ERJ3EKF3012	M30.1KOHM, 1/16W	1	
R5630	ERJ3EKF4752	M47.5KOHM, 1/16W	1	
R5631	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R5632	ERJ3EKF3002	M 30KOHM, 1/16W	1	
R5633,34	ERJ3EKF1602	M16.0KOHM, 1/16W	2	
R5635	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R5636	ERJ2GEJ683	M 68KOHM, J,0.063W	1	
R5637	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5638	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5641	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R5644	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
R5646	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5647	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R5660	ERJ2GEJ562	M 5.6KOHM, J,0.063W	1	
R5661	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R5662	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R5670	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5671	ERJ2GEJ183	M 18KOHM ,J,0.063W	1	
R5672	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5674	ERJ2GEJ473	M 47KOHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5690,91	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R5692,93	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R5694,95	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R5696,97	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R5730,31	ERJ2GEJ473	M 47KOHM, J,0.063W	2	
R5732	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R5733	ERJ2GED563X	M 56KOHM ,J,0.063W	1	
R5851	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R5852	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R5853	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R5854	EXB2HV680J	RESISTOR ARRAY	1	
R5855	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R5856,57	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R5858	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R5859	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R5860,61	EXB2HV470JV	RESISTOR ARRAY	2	
R5865-67	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R5868	ERJ2GEJ330	M 33 OHM, J,0.063W	1	
R5870-72	ERJ2GEJ330	M 33 OHM, J,0.063W	3	
R5875-78	ERJ2GEJ470	M 47 OHM, J,0.063W	4	
R5882,83	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R5884	EXB2HV680J	RESISTOR ARRAY	1	
R5908,09	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R5914	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R5916	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5920	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R5921	ERJ3GEYF473	M 47KOHM, 1/16W	1	
R5922	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R5923	ERJ3GEYF473	M 47KOHM, 1/16W	1	
R5925-28	ERJ2GE0R00	M 0.0 OHM, J,0.063W	4	
R5929	ERJ3EKF2802	M 28KOHM, 1/16W	1	
R5930	ERJ3EKF4752	M47.5KOHM, 1/16W	1	
R5931	ERJ3EKF3012	M30.1KOHM, 1/16W	1	
R5932	ERJ3EKF1272	M12.7KOHM, 1/16W	1	
R5933,34	ERJ3EKF1602	M16.0KOHM, 1/16W	2	
R5937	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R5938-40	ERJ3GEY0R00	M 0 OHM, 1/16W	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	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6043	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
R6045	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	1	
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	ERG1SJ472	M 4.7KOHM, J, 1W	1	
R6223	ERG2FJS123D	M 12KOHM, J, 2W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6225	ERJ6ENF4532	M4.53KOHM, 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	EXB38V472JV	RESISTOR ARRAY	1	
R6243	EXB38V470J	RESISTOR ARRAY	1	
R6244	EXB38V472JV	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	
R6451-54	D0GF7R5JA047	M 7.5 OHM,J, 0.33W	4	
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	ERJ6GEYF473	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	ERJ6GEYF473	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	EXB38V472JV	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	EXB38V472JV	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	ERJ6ENF2871	M2.87KOHM, 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	ERJ6GEYJ123	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	ERJ6GEYG683	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 2.2KOHM,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	
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	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	EXB38V220JV	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	ERJ6GEYF333	M 33KOHM,J,1/10W	2	
R6812	ERJ6ENF2003	M 200KOHM, 1/10W	1	
R6813	ERJ6GEYJ123	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	
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	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	ERJ6ENF9531	M9.53KOHM, 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	EXB38V220JV	RESISTOR ARRAY	1	
R6921	EXB38V103JV	RESISTOR ARRAY	1	
R6922	EXB38V220JV	RESISTOR ARRAY	1	
R6924	EXB38V103JV	RESISTOR ARRAY	1	
R6938,39	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R6948,49	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R6951	EXB38V220JV	RESISTOR ARRAY	1	
R6952	EXB38V103JV	RESISTOR ARRAY	1	
R6953	EXB38V220JV	RESISTOR ARRAY	1	
R6954	EXB38V103JV	RESISTOR ARRAY	1	
R6963,64	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R7001-04	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	
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	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	
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	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R7702	ERJ3GEYJ750	M 75 OHM,J,1/16W	1	
R7703	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R7704	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R7706	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R7707	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R7708,09	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R7710	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R7711	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R7712	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R7713	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R7714	ERJ3EKF1202	M 12KOHM, 1/16W	1	
R7715	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R7716	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R7717,18	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R7719	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7720	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R7725	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7726,27	ERJ3GEYJ223	M 22KOHM,J,1/16W	2	
R7733-35	ERJ3GEYJ680	M 68 OHM,J,1/16W	3	
R7737,38	ERJ3GEYJ680	M 68 OHM,J,1/16W	2	
R7742	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R7744	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7749-51	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R7754	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R7770	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7779	EXB38V220JV	RESISTOR ARRAY	1	
R7781	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7782	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R8001	ERJ2GEJ181	M 180 OHM, J,0.063W	1	
R8002	ERJ2GEJ820	M 82 OHM, J,0.063W	1	
R8003	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R8004	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R8005	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R8006	ERJ3EKF6801	M 6.8KOHM, 1/16W	1	
R8023-29	ERJ2GE0R00	M 0.0 OHM, J,0.063W	7	
R8030	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R8031,32	ERJ3EKF2700	M 270 OHM, 1/16W	2	
R8035	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R8039	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R8056-73	ERJ2GEJ470	M 47 OHM, J,0.063W	18	
R8074	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R8075-78	ERJ2GEJ470	M 47 OHM, J,0.063W	4	
R8079,80	ERJ2GE0R00	M 0.0 OHM, J,0.063W	2	
R8081	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8082	D1BA75R0A026	M0.75KOHM, 1/10W	1	
R8083	ERJ2GEJ301	M 300 OHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8084	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R8086	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R8087	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8090	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8091	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R8093	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R8095	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8097	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R8098,99	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R8100	ERJ2GEJ470	M 47 OHM, J,0.063W	1	
R8101	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8106	ERJ2GEJ202	M 2KOHM, J,0.063W	1	
R8107	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R8110	ERJ2GEJ103	M 10KOHM, J,0.063W	1	A
R8111	ERJ2GEJ103	M 10KOHM, J,0.063W	1	AZ/H/M
R8301	EXB2HV680J	RESISTOR ARRAY	1	A
R8303,04	ERJ2GEJ101	M 100 OHM, J,0.063W	2	A
R8305	ERJ2GEJ223	M 22KOHM, J,0.063W	1	A
R8306,07	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	A
R8308	ERJ2GEJ103	M 10KOHM, J,0.063W	1	A
R8309-12	ERJ2GEJ101	M 100 OHM, J,0.063W	4	A
R8314,15	ERJ2GEJ101	M 100 OHM, J,0.063W	2	A
R8318	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	A
R8321	ERJ2GEJ103	M 10KOHM, J,0.063W	1	A
R8322	ERJ2GEJ102	M 1KOHM, J,0.063W	1	A
R8323,24	ERJ2GEJ473	M 47KOHM, J,0.063W	2	A
R8325-27	ERJ2GEJ680	M 68 OHM, J,0.063W	3	A
R8328	ERJ2GEJ103	M 10KOHM, J,0.063W	1	AZ/H/M
R8329	ERJ2GEJ473	M 47KOHM, J,0.063W	1	A
R8471	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8472	D1HG1038A002	NETWORK RESISTER	1	
R8474,75	EXB28V103JX	RESISTOR ARRAY	2	
R8501	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R8502-04	ERJ2GEJ331	M 330 OHM, J,0.063W	3	
R8506	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R8507-10	ERJ3EKF91R0	M 91 OHM, 1/16W	4	
R8512	ERJ3EKF1800	M 180 OHM, 1/16W	1	
R8513	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R8517-19	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R8551	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8555-61	ERJ2GEJ680	M 68 OHM, J,0.063W	7	
R8564	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8601,02	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R8603	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R8604	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R8605	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R8621-36	ERJ2GEJ680	M 68 OHM, J,0.063W	16	
R8653	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8655	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8702	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R8703	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R8709	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R8710	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R8711,12	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R8732	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R8735-39	ERJ2GEJ680	M 68 OHM, J,0.063W	5	
R8742	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8745,46	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R8749	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8802	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8803,04	ERJ2GEJ223	M 22KOHM, J,0.063W	2	
R8805-09	ERJ2GEJ103	M 10KOHM, J,0.063W	5	
R8812	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R8813	EXB28V680JX	RESISTOR ARRAY	1	
R8814-17	ERJ2GEJ680	M 68 OHM, J,0.063W	4	
R8821	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R8822	ERJ6GEYJ201	M 200 OHM,J,1/10W	1	
R8826	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R8828	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8832	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8833	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R8834	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R8851-54	ERJ2GE0R00	M 0.0 OHM, J,0.063W	4	
R8855-60	ERJ2GEJ680	M 68 OHM, J,0.063W	6	
R8862-64	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R8865-67	EXB2HV680J	RESISTOR ARRAY	3	
R8868	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R8869	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8870	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R8871	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8874-76	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
R8877-89	ERJ2GEJ680	M 68 OHM, J,0.063W	13	
R8891,92	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R8893	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R8894	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R8895-97	ERJ2GE0R00	M 0.0 OHM, J,0.063W	3	
R8898,99	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R8900,01	ERJ2GEJ680	M 68 OHM, J,0.063W	2	
R8904-10	ERJ2GEJ103	M 10KOHM, J,0.063W	7	
R8911-18	ERJ2GEJ680	M 68 OHM, J,0.063W	8	
R8919-22	ERJ2GEJ472	M 4.7KOHM, J,0.063W	4	
R8923,24	ERJ2GEJ222	M 2.2KOHM, J,0.063W	2	
R8925,26	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R8927	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R8928	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R8929	EXB2HVR000	RESISTOR ARRAY	1	
R8930	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8932	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R8933-35	ERJ2GEJ103	M 10KOHM, J,0.063W	3	
R8936	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R8937	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R8938	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R8939	ERJ2GEJ473	M 47KOHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8942	ERJ2GEJ562	M 5.6KOHM, J,0.063W	1	
R8943	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R8944	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R8946	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R8947	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R8948	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8950	ERJ2GE0R00	M 0.0 OHM, J,0.063W	1	
R8952	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R8954	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R8958	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R8963	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8964-67	ERJ2GEJ680	M 68 OHM, J,0.063W	4	
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	
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	D0GB393JA041	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	
R9180	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9181-84	ERJ3GEYJ102	M 1KOHM,J,1/16W	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	
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	EXB38V820JV	RESISTOR ARRAY	2	
R9412-21	EXB38V470J	RESISTOR ARRAY	10	
R9428	EXB38V103JV	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	EXB38V820JV	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	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	
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	ERJ3GEYJ304	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	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	
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	EXB38V101JV	RESISTOR ARRAY	1	
R9868	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9869-71	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9872,73	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
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	ERJ3GEYF473	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	
S1	K1KA03BA0061	3P CONNECTOR	1	
SC2	K1KA02A00676	2P CONNECTOR	1	
SC20	K1KA20AA0008	20P CONNECTOR	1	
SC23	K1KA03AA0193	3P CONNECTOR	1	
SC30	K1KA08AA0192	8P CONNECTOR	1	
SC41-44	K1ML80B00001	80P CONNECTOR	4	
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	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
SS2MM1	TMME190	CLAMPER	1	
SS2MM2, M1	TMME190	CLAMPER	2	
SS3MM2	TMME190	CLAMPER	1	
SS11	K1KA02A00676	2P CONNECTOR	1	
SS12	K1KA10AA0194	10P CONNECTOR	1	
SS21	K1KA07A00170	7P CONNECTOR	1	
SS23	K1KB07AA0087	7P CONNECTOR	1	
SS25	K1KA07A00170	7P CONNECTOR	1	
SS27	K1KB07AA0087	7P CONNECTOR	1	
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	⚠
SW3753-57	EVQPC105K	SWITCH	5	
T6602	ETS28AU389AC	SWITCHING TRANS	1	
TU3200	ENGF9701GF	TUNER	1	⚠
TU3201	ENG39D01GF	TUNER	1	AZ/H/M ⚠
TU8301	ENV77M05D8F	TUNER	1	A ⚠
VR6000	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
VR6600	EVMEASA00B13	CONTROL 1KOHMB 0.3W	1	
VR6602	EVMEASA00B23	CONTROL 2KOHMB 0.3W	1	
X1100	H0J100500035	CRYSTAL	1	
X1500	H0J300500026	CRYSTAL	1	
X1501	H0J270500061	CRYSTAL	1	
X2010	H0J245500082	CRYSTAL	1	
X4500	H0J270500113	CRYSTAL	1	
X5000	H0J270500087	CRYSTAL	1	
X7700	H0J240500037	CRYSTAL	1	
X8001	H0J270500061	CRYSTAL	1	
X8301	H0J204500006	CRYSTAL	1	A
X9000	H2D200500011	CRYSTAL	1	
X9500	H0J200500038	CRYSTAL	1	
ZA0001	K4AZ01D00004	TERMINAL	1	
ZA0002	K4CD08000002	AV TERMINAL	1	
ZA0004, 05	K4AZ01D00004	TERMINAL	2	
ZA0006, 07	K4CD08000002	AV TERMINAL	2	
ZA1500-03	K4AZ01D00004	TERMINAL	4	
ZA3001-08	K4CD08000002	AV TERMINAL	8	
ZA3701	K4CZ01000027	COMPATIBLE WITH JALCO K9	1	
ZA5001-04	K4AZ01D00004	TERMINAL	4	
ZA5501-04	K4CZ01000027	COMPATIBLE WITH JALCO K9	4	
ZA6101-03	K4CD01000011	AV TERMINAL	3	
ZA6401-03	K4CD01000011	AV TERMINAL	3	
ZA7101-06	K4AD01Z00001	TERMINAL	6	
ZA7201-06	K4AD01Z00001	TERMINAL	6	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
ZA7301-06	K4AD01Z00001	TERMINAL	6	
ZA7401-06	K4AD01Z00001	TERMINAL	6	
ZA7501-06	K4AD01Z00001	TERMINAL	6	
ZA7601-06	K4AD01Z00001	TERMINAL	6	
ZA7701	K4AD01D00004	TERMINAL	1	
ZA9001	K4CD01000011	AV TERMINAL	1	
A1601,02	RA362MSV7	ARRESTOR	2	⚠
C201	KZE1E470	C 470U 25V	1	
C203,04	RR3DD101K	CERAMIC CAPACITOR	2	
C205	ECWH12473HV	P 0.013UF,J,1.2KV	1	
C212	ECWH12333HV	P 0.013UF,J,1.2KV	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	P 0.013UF,J,1.2KV	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	ECJ2XB1H104K	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	ECJ2XB1H104K	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	YBB474K1	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	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	
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	P 0.47UF, 250V	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	ECJ2XB1H104K	C 0.1UF, K, 50V	1	ECJ2FB1H104K
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	ECJ2XB1H104K	C 0.1UF, K, 50V	1	ECJ2FB1H104K
D201	MA165TA5	DIODE	1	MA2C165
D204	MA165TA5	DIODE	1	MA2C165
D251-54	YG901C3R	DIODE	4	
D255	MA2J11100L	DIODE	1	MA2J111
D256	MA165TA5	DIODE	1	MA2C165
D301,02	MA165TA5	DIODE	2	MA2C165
D351,52	YG805C06R	DIODE	2	
D355	AG01A	DIODE	1	
D358	RK44	DIODE	1	
D401	AG01A	DIODE	1	
D402-06	YG901C3R	DIODE	5	
D501	B0EBKT000007	DIODE	1	B0EBKT000003 ⚠
D502,03	ERA22-10	DIODE	2	B0EAEV000002
D504	AG01A	DIODE	1	
D505	MA2J11100L	DIODE	1	MA2J111
D506	ST3D82	DIODE	1	
D508	AG01A	DIODE	1	
D511	ERA91-02	DIODE	1	B0AAGM000001
D551	RK39	DIODE	1	
D554	MA165TA5	DIODE	1	MA2C165
D555	MA2J11100L	DIODE	1	MA2J111
D556	MA165TA5	DIODE	1	MA2C165
D557	MA2J11100L	DIODE	1	MA2J111
D1601,02	MA2J11100L	DIODE	2	MA2J111
D1603,04	D15XB80	DIODE	2	⚠
D1605	B0EAKR000059	DIODE	1	
D1606	S20LC60US	DIODE	1	
D1608	M1F60	DIODE	1	
D1609	B0EAKR000059	DIODE	1	
D1701,02	MA2J11100L	DIODE	2	MA2J111
D1703	D15XB80	DIODE	1	⚠
D1704	WS10A22	JUMPER	1	
D1705	SF8L60USM	DIODE	1	
D1709	EM1C	DIODE	1	
D1710	M1F60	DIODE	1	
D1711	B0EAKR000059	DIODE	1	
F201	HU216005BP	CARTRIDGE FUSE	1	⚠

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F301	HU216005BP	CARTRIDGE FUSE	1	⚠
F501	HU216002BP	CARTRIDGE FUSE	1	⚠
IC401	C0DAEMB00003	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	⚠
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	TRANSFORMER	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	K1KA03A00507	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	2SB14400RL	TRANSISTOR	2	
Q251	2SB1218A	TRANSISTOR	1	
Q301,02	2SK3568	FET	2	⚠
Q303,04	2SB14400RL	TRANSISTOR	2	
Q351,52	2SK2903	FET	2	
Q353,54	2SB1218A	TRANSISTOR	2	
Q404	2SK3607	FIELD EFFECT TRANSISTOR	1	
Q405,06	2SA17670Q1TV	TRANSISTOR	2	
Q501	2SK3302	FET	1	⚠
Q502	2SK2731	FET	1	
Q551,52	HAT1130R	FET	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q553	2SB710AQRSTX	TRANSISTOR	1	
Q1602,03	FMW21N55G	FIELD EFFECT TRANSISTOR	2	⚠
Q1604	2SD2185	TRANSISTOR	1	
Q1605	2SB14400RL	TRANSISTOR	1	
Q1606,07	FMW21N55G	FIELD EFFECT TRANSISTOR	2	⚠
Q1608	2SB0709ARL	TRANSISTOR	1	2SB0709A
Q1609	2SD0601ARL	TRANSISTOR	1	2SD0601A
Q1701,02	FMA16N55G	FIELD EFFECT TRANSISTOR	2	⚠
Q1703	2SD2185	TRANSISTOR	1	
Q1704	2SB14400RL	TRANSISTOR	1	2SB14400H
Q1706	2SD1819AWL	TRANSISTOR	1	2SD1819AW
Q1707	2SB0709ARL	TRANSISTOR	1	2SB0709A
Q1708	2SD0601ARL	TRANSISTOR	1	2SD0601A
R201	ERQ14AJ4R7J	F 4.7 OHM, J,1/4W	1	
R202	ERJ12YJ820	M 82 OHM,J, 1/2W	1	
R204,05	SG732K220	CHIP RESISTOR	2	
R206	ERJ12YJ820	M 82 OHM,J, 1/2W	1	
R208,09	SG732K220	CHIP RESISTOR	2	
R210	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R211	ERJ12YJ513	M 51KOHM, 1/2W	1	
R212-14	ERJ6GEYJ334	M 330KOHM,J,1/10W	3	
R215,16	ERJ12YJ513	M 51KOHM, 1/2W	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	M 51KOHM, 1/2W	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	ERJ6GEYF472	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	ERJ6GEYG222	M 2.2KOHM,J,1/10W	1	
R271	ERJ6GEYG391	M 390 OHM,J,1/10W	1	
R272	ERJ6GEYG222	M 2.2KOHM,J,1/10W	1	
R273,74	ERJ6GEYG103	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	C 6.2KOHM, J,1/2W	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	M 51KOHM, 1/2W	3	
R308,09	ERJ6GEYG104	M 100KOHM,J,1/10W	2	
R310	ERQ14AJ4R7J	F 4.7 OHM, J,1/4W	1	
R311	ERJ12YJ513	M 51KOHM, 1/2W	1	
R351	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R353	ERJ6GEYG153	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	ERJ6GEYG103	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	ERJ6GEYG153	M 15KOHM,J,1/10W	1	
R366,67	ERJ6GEYF473	M 47KOHM,J,1/10W	2	
R368	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R369	ERJ6GEYJ202	M 2KOHM,J,1/10W	1	
R370	ERJ6GEYG222	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	ERJ6GEYG681	M 680 OHM,J,1/10W	1	
R376	ERJ6GEYG222	M 2.2KOHM,J,1/10W	1	
R377	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R378-85	ERJ12YJ222	M 2.2KOHM,J, 1/2W	8	
R389	ERJ6GEYG153	M 15KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
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	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
R414	ERJ6GEYJ150	M 15 OHM,J,1/10W	1	
R415	ERJ6ENF2372	M23.7KOHM, 1/10W	1	
R416,17	ERJ6GEYG152	M 1.5KOHM,J,1/10W	2	
R418,19	ERJ6ENF1622	M16.2KOHM, 1/10W	2	
R420	ERJ6ENF8662	M86.6KOHM, 1/10W	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	ERJ6GEYG154	M 150KOHM,J,1/10W	1	
R484	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R485	ERJ6GEYG154	M 150KOHM,J,1/10W	1	
R486	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R501	ERJ12YJ474	M 470KOHM, 1/2W	1	
R502	ERJ6GEYG103	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	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R528-30	ERJ6ENF2703	M 270KOHM, 1/10W	3	
R531,32	ERJ12YJ201	M 200 OHM,J, 1/2W	2	
R560	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
R561	ERDS2TJ332	C 3.3KOHM, J,1/4W	1	
R563	ERJ6GEYG332	M 3.3KOHM,J,1/10W	1	
R564	ERJ6GEYG391	M 390 OHM,J,1/10W	1	
R565	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
R566	ERJ6GEYG222	M 2.2KOHM,J,1/10W	1	
R567	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R568	ERJ6GEYG102	M 1KOHM,J,1/10W	1	
R570	ERJ12YJ151	M 150 OHM,J, 1/2W	1	
R580	ERJ6GEYG102	M 1KOHM,J,1/10W	1	
R581	ERJ6ENF2703	M 270KOHM, 1/10W	1	
R582	ERJ6GEYG102	M 1KOHM,J,1/10W	1	
R583	ERJ12YJ4R7	M 4.7OHM, J,1/2W	1	
R1601	R5B100J	W 10 OHM, J, 5W	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	ERJ6GEYG103	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	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R1620	ERJ6GEYG154	M 150KOHM,J,1/10W	1	
R1622	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R1623	ERQ14AJ330J	F 33 OHM, J,1/4W	1	
R1624	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R1625	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R1626	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R1627	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R1628	ERJ6GEYG183	M 18KOHM,J,1/10W	1	
R1629	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R1630	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
R1631-33	ERJ6GEYG183	M 18KOHM,J,1/10W	3	
R1634	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R1635	ER0S2CKF5363	M 536KOHM, F,1/4W	1	
R1636-39	ERJ6ENF2493	M 249KOHM, 1/10W	4	
R1640,41	ERJ6GEYG154	M 150KOHM,J,1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1642,43	ERJ6ENF5233	M 523KOHM, 1/10W	2	
R1644	ERJ6ENF5623	M 523KOHM, 1/10W	1	
R1645,46	ERJ6GEYG154	M 150KOHM,J,1/10W	2	
R1701	ERC12UGK185	S 1.8MOHM, K,1/2W	1	⚠
R1703	R5B100J	W 10 OHM, J, 5W	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	F 0.18 OHM, J, 5W	3	
R1715	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R1716	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R1717	ERQ14AJ330J	F 33 OHM, J,1/4W	1	
R1719	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1722	ERJ6GEYG154	M 150KOHM,J,1/10W	1	
R1723	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R1725	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R1727-29	ERJ6GEYG183	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	ERJ6ENF3902	M 39KOHM,J,1/10W	1	
R1749	ERJ6ENF3902	M 39KOHM,J,1/10W	1	
R1750,51	ERJ6ENF2493	M 249KOHM, 1/10W	2	
R1752	ERJ6GEYG183	M 18KOHM,J,1/10W	1	
R1753	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R1754	ERJ6GEYF473	M 47KOHM,J,1/10W	1	
R1755	ERJ6GEYG103	M 10KOHM,J,1/10W	1	
R1756-59	ERJ6GEYG154	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	⚠
T201,02	ETB57LZ1AGAD	TRANSFORMER	2	⚠
T301	ETB57LZ1BGAD	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	MAZ4270NMF	ZENER DIODE	2	
ZD207	MAZ4270NMF	ZENER DIODE	1	
ZD303,04	MAZ4270NMF	ZENER DIODE	2	
ZD351-54	MA8150	ZENER DIODE	4	
ZD401	MA4033	ZENER DIODE	1	MAZ4033
ZD402	MA8360	ZENER DIOED	1	MAZ8360
ZD501,02	MAZ82700ML	ZENER DIODE	2	
ZD503	MA4120N	ZENER DIODE	1	
ZD1602	MA4047N	ZENER DIODE	1	
ZD1701	MA4047N	ZENER DIODE	1	