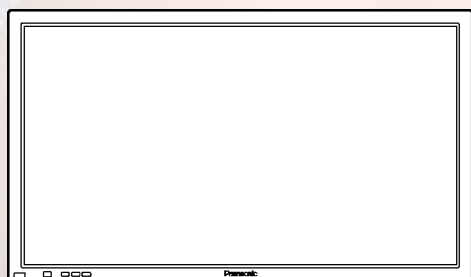


Service Manual

Wide Plasma Display



TH-42PHD5
TH-42PHW5
GPH5D Chassis

Specifications

Power Source:	AC120V 50/60Hz (UY/UZ version) AC220-240V 50/60Hz (Except UY/UZ version) model)
Power Consumption:	375 W 2.4W (stand-by condition) (UY/UZ version) 3.0W (stand-by condition) (Except UY/UZ version model) 0.9W (Power off condition) (UY/UZ version model) 1.7W (Power off condition) (Except UY/UZ version model)
Plasma Display panel:	Drive method AC type 50-inch, 16:9 aspect ratio
Contrast Ratio	3000:1
Screen size:	920 mm (W)×518 mm (H) 1,056 mm (diagonal) No. of pixels 786,432 (1,024 (W)×768 (H)) [3,072×768 dots]
Operating condition:	
Temperature	34 °F - 104 °F (0 °C - 40 °C)
Humidity	20 % - 80 % Horizontal scanning frequency 15.6 - 110kHz Vertical scanning frequency 48 - 120Hz

Connection terminals:	
AV	
Video in	1.0 Vp-p (75-ohm)
S-VIDEO IN (MINI DIN 4PIN)	Y: 1 Vp-p (75-ohm), C: 0.286 Vp-p (75-ohm)
AUDIO IN (RCA PIN JACK × 2)	0.5 Vrms (high impedance)
COMPONENT/RGB	
Y/G	1.0 Vp-p/composite (75-ohm) 0.7 Vp-p/non-composite (75-ohm)
P _B /B	0.7 Vp-p (75-ohm)
P _R /R	0.7 Vp-p (75-ohm)
HD	1.0 - 5.0 Vp-p (high impedance)
VD	1.0 - 5.0 Vp-p (high impedance)
AUDIO IN (RCA PIN JACK×2)	0.5 Vrms (high impedance)
PC	
(HIGH-DENSITY D-SUB15PIN)	R,G,B/0.7 Vp-p (75-ohm) HD, VD/1.0 - 5.0 Vp-p (high impedance)
AUDIO IN (M3 JACK)	0.5Vrms (high impedance)
SERIAL	
EXTERNAL CONTROL TERMINAL (D-SUB9PIN)	RS-232C COMPATIBLE
SPEAKERS (External speakers)	6Ω 16W [8W+8W] (10% THD)
Dimensions (W×H×D):	40.2" (1,020 mm)×24" (610mm)×3.5" (89 mm)
Weight (Mass)	approx. 66.1 lbs (29.5 kg) (main unit only) approx. 75.4 lbs (33.7kg) (with speakers)

⚠ WARNING

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

CONTENTS

	Page		Page
1 Applicable signals	3	13.11. C3-Board	51
2 Safety Precautions	4	13.12. C4-Board	52
2.1. General Guidelines	4	13.13. SC-Board	53
3 Prevention of Electro Static Discharge (ESD) to		13.14. SU-Board	56
Electrostatically Sensitive (ES) Devices	5	13.15. SD-Board	57
4 About lead free solder (PbF)	6	13.16. SS-Board	58
5 PCB Structure sheet of GPH5D chassis	7	13.17. SS2 and SS3-Board	61
6 Service Hint	8	13.18. Z-Board	62
7 Location of Lead Wiring	9	13.19. H3, S1 and V1-Board	63
8 Adjustment Procedure	10	14 Block and Schematic Diagrams	65
8.1. +B Set-up	10	14.1. Schematic Diagram Notes	65
8.2. Driver Set-up	10	14.2. Main Block Diagram	66
8.3. Initialization Pulse Adjust	11	14.3. Power Block Diagram	67
8.4. P.C.B. (Printed Circuit Board) exchange	12	14.4. P1-Board Schematic Diagram	68
8.5. Adjustment Volume Location	12	14.5. F, P3, P5, P6, P7 and P8-Board Schematic Diagram	69
8.6. Test Point Location	12	14.6. HX-Board Block Diagram	70
9 Service mode	13	14.7. HX-Board Schematic Diagram	71
9.1. CAT (computer Aided Test) mode	13	14.8. HY and HZ-Board Block Diagram	72
9.2. IIC mode structure (following items value is sample data.)		14.9. HY-Board (1 of 2) Schematic Diagram	73
.....	15	14.10. HY-Board (2 of 2) Schematic Diagram	74
10 Alignment	16	14.11. HZ-Board (1 of 2) Schematic Diagram	75
10.1. Pedestal setting	16	14.12. HZ-Board (2 of 2) Schematic Diagram	76
10.2. NTSC panel white balance	17	14.13. D1-Board Block Diagram	77
10.3. PAL/SECAM panel white balance	18	14.14. D1-Board (1 of 6) Schematic Diagram	78
10.4. PC/RGB panel white balance	20	14.15. D1-Board (2 of 6) Schematic Diagram	79
10.5. HD/ 525i /525p panel white balance	22	14.16. D1-Board (3 of 6) Schematic Diagram	80
10.6. 625i panel balance	24	14.17. D1-Board (4 of 6) Schematic Diagram	81
10.7. Sub brightness setting	25	14.18. D1-Board (5 of 6) Schematic Diagram	82
11 Troubleshooting guide	27	14.19. D1-Board (6 of 6) Schematic Diagram	83
11.1. Self Check	27	14.20. D2-Board Block Diagram	84
11.2. No Power	28	14.21. D2-Board (1 of 8) Schematic Diagram	85
11.3. No Picture	29	14.22. D2-Board (2 of 8) Schematic Diagram	86
11.4. Local screen failure	29	14.23. D2-Board (3 of 8) Schematic Diagram	87
12 Option Setting	30	14.24. D2-Board (4 of 8) Schematic Diagram	88
13 Conductor Views	33	14.25. D2-Board (5 of 8) Schematic Diagram	89
13.1. F-Board	33	14.26. D2-Board (6 of 8) Schematic Diagram	90
13.2. P1-Board	34	14.27. D2-Board (7 of 8) Schematic Diagram	91
13.3. P3, P5, P6, P7 and P8-Board	37	14.28. D2-Board (8 of 8) Schematic Diagram	92
13.4. HX-Board	39	14.29. C1, C2, C3, and C4-Board Block Diagram	93
13.5. HY-Board	40	14.30. C1-Board Schematic Diagram	94
13.6. HZ-Board	42	14.31. C2-Board Schematic Diagram	95
13.7. D1-Board	44	14.32. C3-Board Schematic Diagram	96
13.8. D2-Board	46	14.33. C4-Board Schematic Diagram	97
13.9. C1-Board	49	14.34. SC-Board Block Diagram	98
13.10. C2-Board	50	14.35. SC-Board (1 of 2) Schematic Diagram	99

14.36. SC-Board (2 of 2) Schematic Diagram	100	14.46. H3 and Z-Board Schematic Diagram	110
14.37. SU-Board Block Diagram	101	15 Parts Location	111
14.38. SU-Board (1 of 2) Schematic Diagram	102	15.1. Parts Location1	111
14.39. SU-Board (2 of 2) Schematic Diagram	103	15.2. Parts Location2	112
14.40. SD-Board Block Diagram	104	15.3. Parts Location3	113
14.41. SD-Board (1 of 2) Schematic Diagram	105	16 Mechanical Replacement Parts List	114
14.42. SD-Board (2 of 2) Schematic Diagram	106	17 Replacement Parts List	116
14.43. SS-Board Block Diagram	107	17.1. Relpacement Parts List Notes	116
14.44. SS, SS2, SS3 and S1-Board Schematic Diagram	108	17.2. Electrical Replacement Parts List	117
14.45. Z-Board Block Diagram	109		

1 Applicable signals

VIDEO input

	signal name	horizontal frequency(kHz)	vertital frequency(Hz)
1	NTSC	15.734	59.95
2	PAL	15.625	50
3	PAL60	15.734	59.95
4	SECAM	15.625	50
5	Modified NTSC	15.734	59.95

*** Mark:**
By installing the optional
Terminal Board.

COMPONENT/RGB/PC/DVI input

	signal name	horizontal frequency(kHz)	vertital frequency(Hz)	COMPONENT	RGB	PC	DVI
1	525(480)/60i	15.734	59.94	*	*	*	
2	625(575)/50i	15.625	50	*	*	*	
3	525(480)/60p	31.468	59.94	*	*		
4	625(575)/50p	31.25	50	*	*	*	
5	750(720)/60p	45	60	*	*	*	
6	1125(1080)/60i	33.75	60	*	*	*	
7	1125(1080)/50i	28.125	50	*	*	*	
8	1125(1080)/24p	27	24	*	*	*	
9	1125(1080)/24sF	27	48	*	*	*	
10	640 × 400@70	31.5	70		*	*	
11	640 × 480@60	31.5	59.94		*	*	*
12	Macintosh13"(640 × 480)	35	67		*	*	
13	640 × 480@75	37.5	75		*	*	
14	852 × 480@60	31.7	60		*	*	*
15	800 × 600@60	37.9	60		*	*	*
16	800 × 600@75	46.9	75		*	*	
17	800 × 600@85	53.7	85		*	*	
18	Macintosh16"(832 × 624)	49.7	75		*	*	
19	1,024 × 768@60	48.4	60		*	*	*
20	1,024 × 768@70	56.5	70		*	*	
21	1,024 × 768@75	60	75		*	*	
22	1,024 × 768@85	68.7	85		*	*	
23	Macintosh21"(1,152 × 870)	68.7	75		*	*	
24	1,280 × 1,024@60	64	60		*	*	
25	1,280 × 1,024@75	80	75		*	*	
26	1,280 × 1,024@85	91.1	85		*	*	
27	1,600 × 1,200@60	75	60		*	*	

2 Safety Precautions

2.1. General Guidelines

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

2.1.1. Leakage Current Cold Check

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

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

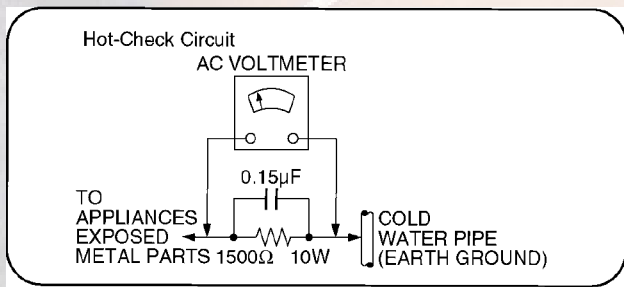


Figure 1

2.1.2. Leakage Current Hot Check (See Figure 1.)

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

3 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

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

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as 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 harmless 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 (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.

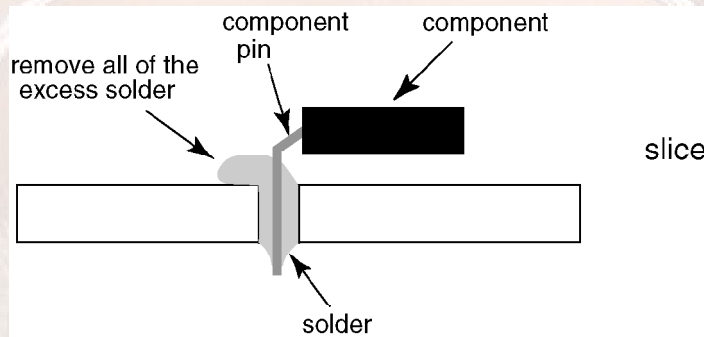
PCBs manufactured using lead free solder will have the PbF within a leaf Symbol  stamped on the back of PCB.

Caution

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

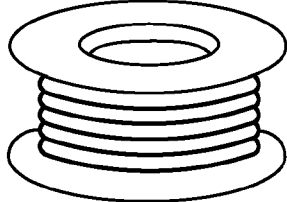
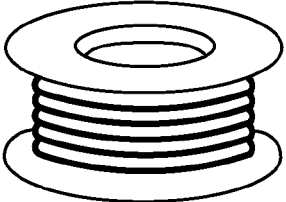
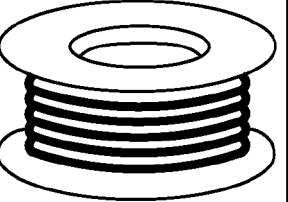
If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.

- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



Suggested Pb free solder

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

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

5 PCB Structure sheet of GPH5D chassis

Board Name	Function	Remarks
D1	Format Converter	1
D2	Plasma AI Sub-Field Processor	1
Z	Audio out	
SS	Sustain out	1
SC	Scan out	1
SU	Sustain connection (Upper)	1
SD	Sustain connection (Lower)	1
C1	Data Drive (Upper Left)	
C2	Data Drive (Upper Right)	
C3	Data Drive (Lower Right)	
C4	Data Drive (Lower Left)	
H3	Speaker terminal	
S1	Power switch	
SS2	Sustain connection (Upper)	
SS3	Sustain connection (Lower)	
V1	Front SW. & Remote receiver	
F	Line filter	
P	Power supply	1
P3	Drive voltage oscillator	
P5	Primary oscillator	
P6	PFC oscillator	
P7	Drive voltage protection	
P8	Process voltage protection	
HX	PC_type_Input terminal	
HY	BNC_type_Input terminal	2
HZ	RCA type_Input terminal	3

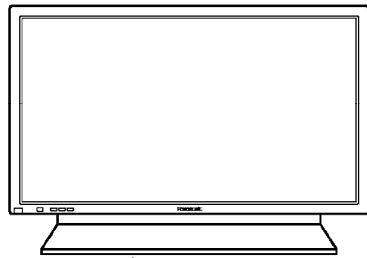
Remarks

1. Recommend PCB's for initial service for GPH5D chassis.
2. For System model except BX, EX version
3. For Consumer model except BX, EX version

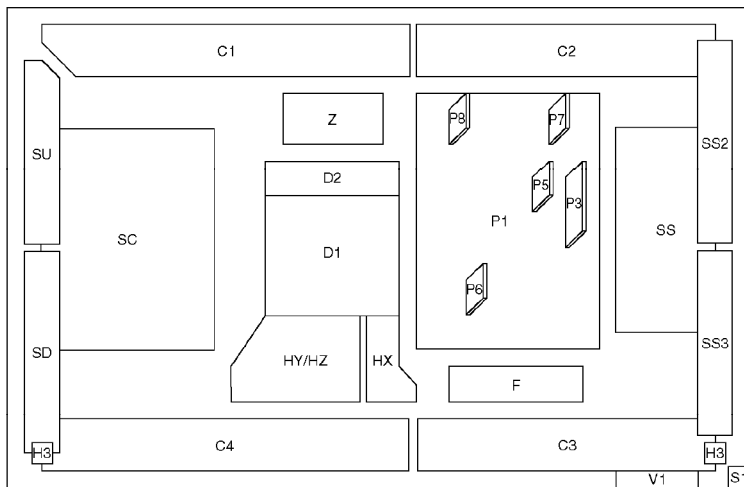
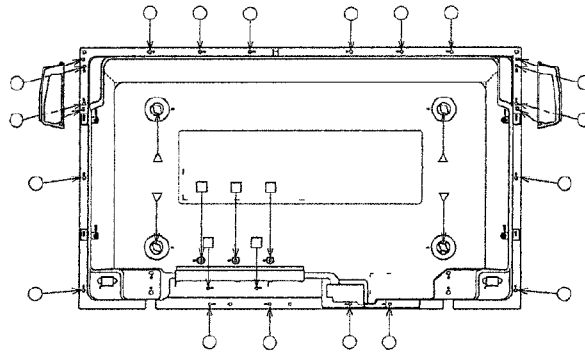
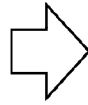
6 Service Hint

Remove the Back Cover

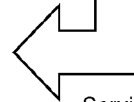
Stand the Unit used for Optional Accessory



Optional Accessory
(Pedestal)

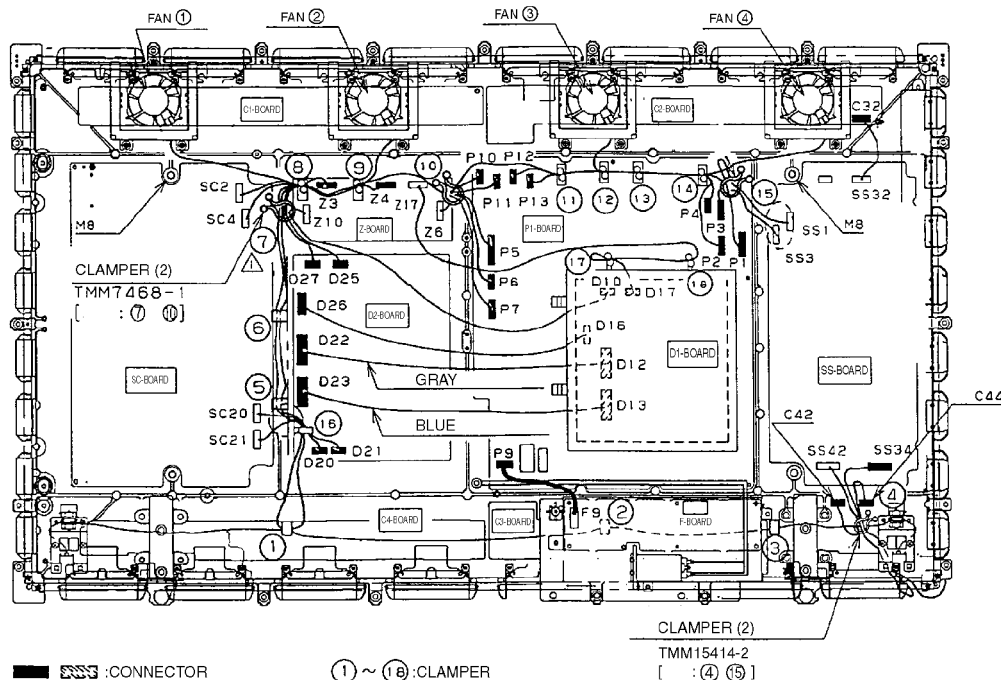


Remove: 4 screws (△) XYN8+F20FZ
5 screws (□) THEL023Z
18 screws (○) XYC4+FJ35FZ



Service Position

7 Location of Lead Wiring



CLAMPER	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	Remark
CON.NO — CON.NO																			
Z6 — P6																			
Z10 — D10																			
Z17 — D17																			
D12 — D22																			GRAY
D13 — D23																			BLUE
D16 — D26																			
D25 — P5																			
D27 — P7																			
SC2 — P2																			
SC4 — P4																			
SC20 — D20																			
SC21 — D21																			
H37 — Z3																			
H37 — Z4																			
SS1 — P1																			
SS3 — P3																			
SS32 — C32																			
SS42 — C42																			
ESC POWER — SS34																			
ESC V-BOARD — C44																			
F9 — P9																			
FAN - ① — P10																			
FAN - ② — P11																			
FAN - ③ — P12																			
FAN - ④ — P13																			

◎ Wind up second times. ● Wind up third times.

8 Adjustment Procedure

8.1. +B Set-up

8.1.1. Item / Preparation

1. Input a Grey scale signal.
2. Set the picture controls: -
Picture mode: Normal
White balance: Normal

8.1.2. Adjustments

Adjust and confirm indicated test point for the specified voltage.

Adjust

Name	Test point	Voltage	Volume
PFC	P24 pin 1	400V $\pm$ 1V	R548
Vsus	P1 pin 2	175V $\pm$ 1V	R639
Vda	P3 pin 1	75.0V $\pm$ 0.5V	R545

Confirm

Name	Test point	Voltage
+18V	P4 pin 1	17.2V $\pm$ 0.5V
+13.5V	P5 pin 1	13.2V $\pm$ 0.5V
Audio +15V	P6 pin 1	13.5V $\pm$ 0.5V
Audio -15V	P6 pin 3	-13.5V $\pm$ 0.5V
5.25V	P5 pin 5	5.1V $\pm$ 0.3V
STB5V	P7 pin4	5.0V $\pm$ 0.3V

8.2. Driver Set-up

8.2.1. Item / Preparation

1. Input an APL 100 % white signal.
2. Set the picture controls: -
Picture mode: Normal
White balance: Cool
Aspect: 16:9

8.2.2. Adjustments

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

Name	Test point	Voltage	Volume
Vsus	TPVSUS (SS-BOARD)	Vsus $\pm$ 1V*	R639 (P3-BOARD)
Vbk	TPVBK (SC-BOARD)	Vbk $\pm$ 5V*	R6670 (SC-BOARD)
Ve	TPVE (SS-BOARD)	Ve $\pm$ 1V*	R6770 (SS-BOARD)
Vset	TPVSET (SC-BOARD)	218 V $\pm$ 6V	---
Vad	TPVAD (SC-BOARD)	Vad $\pm$ 1V*	R6477 (SC-BOARD)
Vda	TP117 (C9-BOARD)	74V $\pm$ 1V	R545 (P1-BOARD)
Vscn	TPVSCN (SC-BOARD)	Vad+118 $\pm$ 2V	---

*See the Panel label.

Panel Label information

[M]

NO. *****

Ve : **** V

Vsus : **** V

Vbk : **** V

Vad : **** V

MADE IN JAPAN

← Adjustment voltage

Panel Production date

Panel Production date

For Example

1 .	7 .	1	--> Beg. of July, 2001
Year	Month		
		1	Beginning of Month (1-10)
		2	Middle of Month (11-20)
		3	End of Month (21-31)
	1	January	
	2	February	
	3	March	
	:	:	
	9	September	
	O	October	
	N	November	
	D	December	
9	1999		
0	2000		
1	2001		
:			

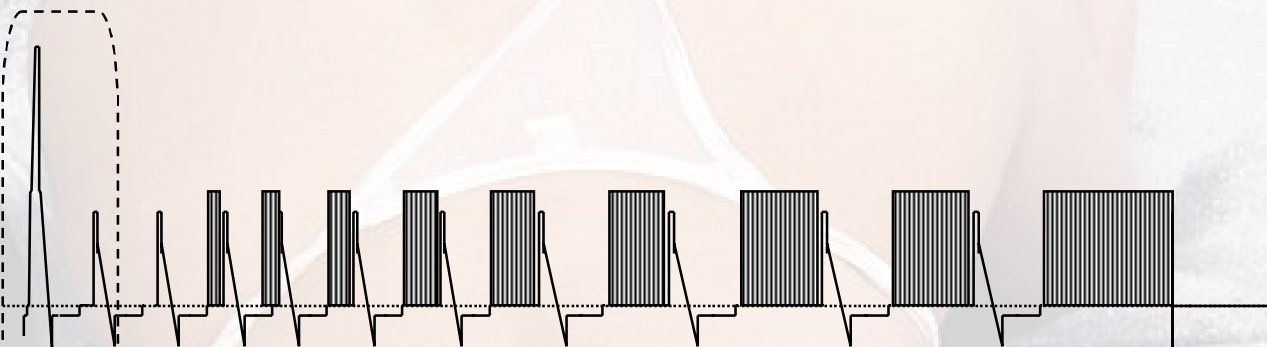
8.3. Initialization Pulse Adjust

1. Input a Cross hatch signal.
2. Set the picture controls: -
Picture mode: Normal
White balance: Cool

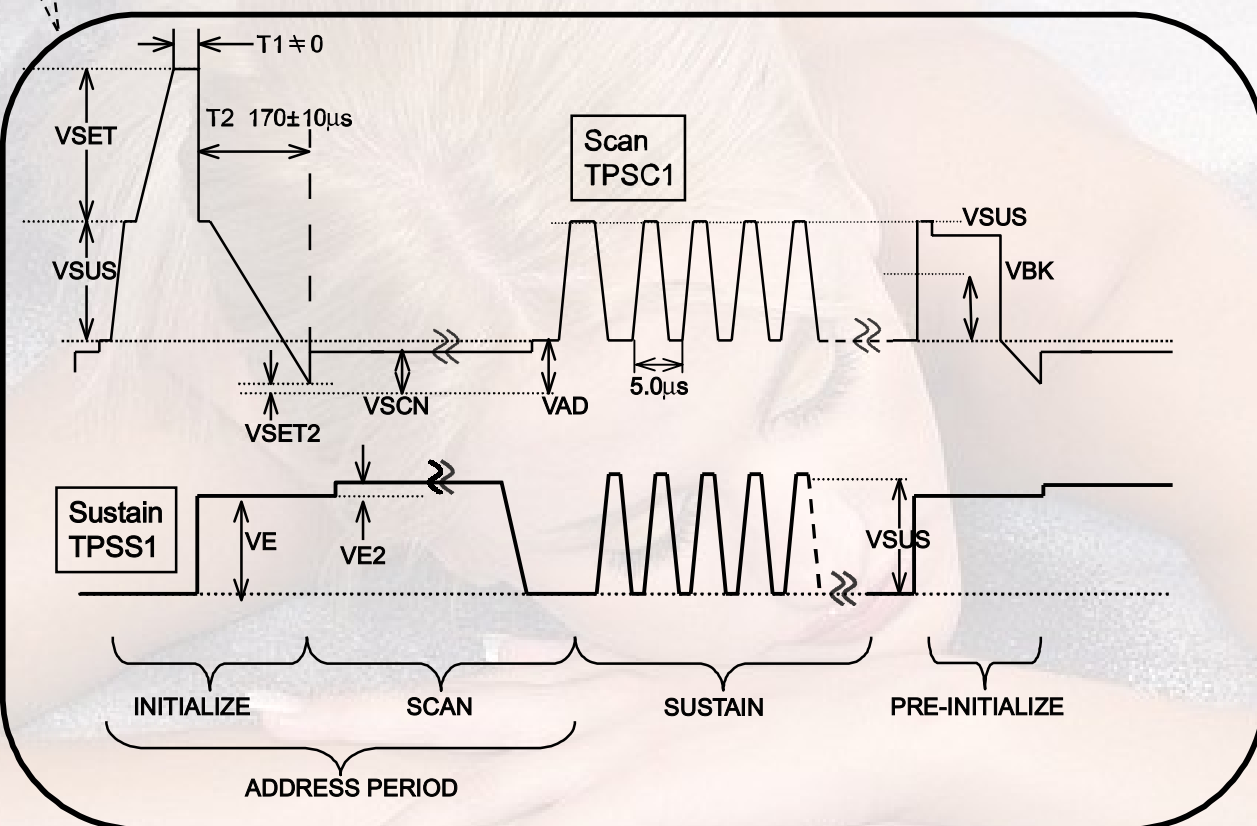
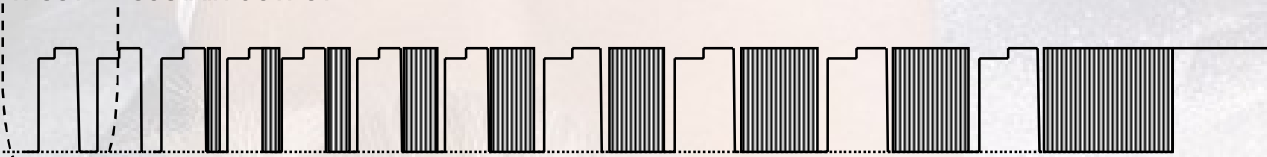
Adjust the indicated test point for the specified wave form.

	Test point	Volume	Level
T1	TPSC1 (SC)	R6523 (SC)	$\neq 0$ Sec
T2	TPSC1 (SC)	R6557 (SC)	$170 \pm 10 \mu$ Sec

TPSC1 SCAN OUTPUT



TPSS1 SUSTAIN OUTPUT



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

8.4.1. Caution

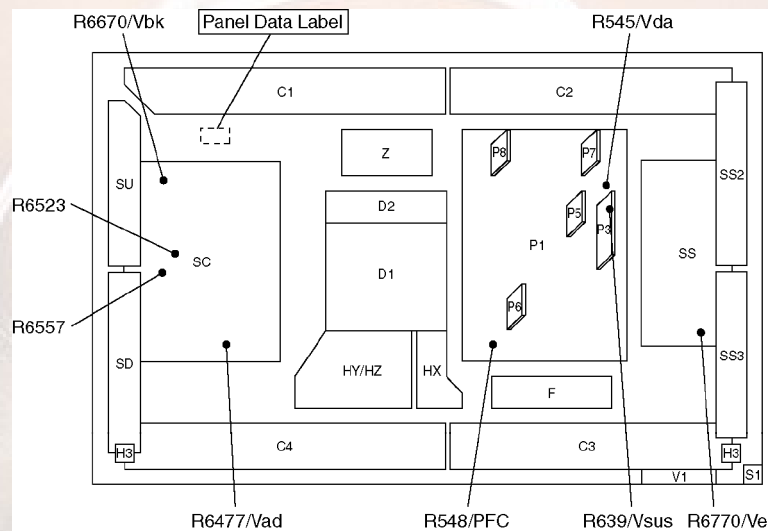
1. To remove P.C.B. , wait 1 minute after power was off for discharge from electrolysis capacitors.

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

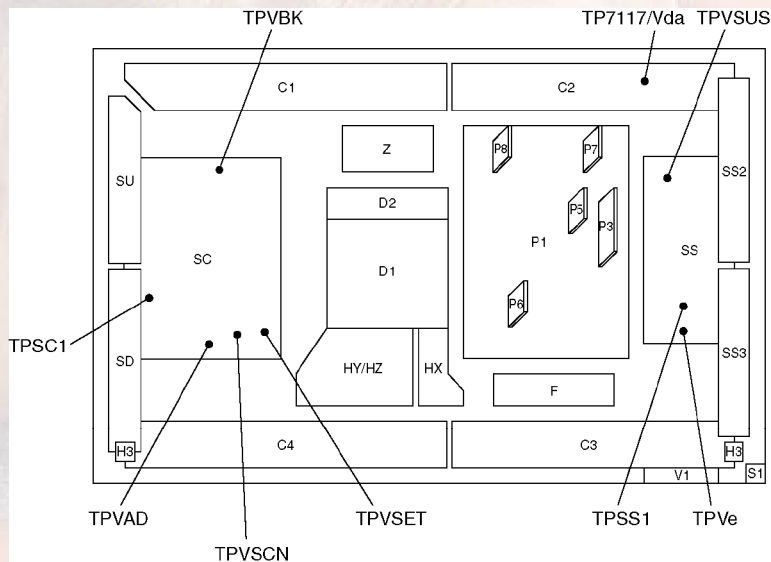
P.C.B.	Item	Volume	Test point	Level
P board	PFC	R548 (P3)	P24 connector pin 1	400V $\pm$ 1V
	Vsus	R639 (P3)	TPVsus (SS)	Vsus $\pm$ 1V*
	Vda	R545 (P1)	TP117 (C9)	74V $\pm$ 1V
SC board	Vad	R6477 (SC)	TPVAD (SC)	Vad $\pm$ 1V*
	Vbk	R6670 (SC)	TPVBK (SC)	Vbk $\pm$ 5V*
SS board	Ve	R6770 (SS)	TPVE (SS)	Ve $\pm$ 1V*
D1, D2 board	White balance, Pedestal and Sub brightness for NTSC, PAL, HD, PC and 625i signals.			

*See the Panel label.

8.5. Adjustment Volume Location



8.6. Test Point Location



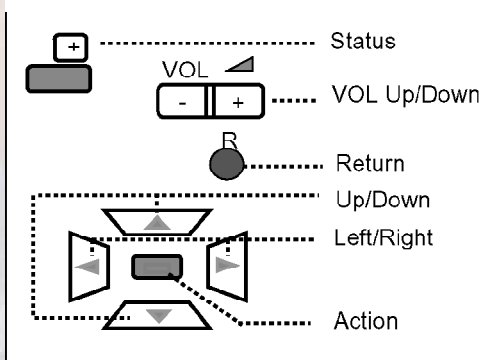
9 Service mode

9.1. CAT (computer Aided Test) mode

CAT mode menu

CAT Panel sys8.2		Mode	Function	Access button
IIC Mode	←.....	IIC	Service Alignment	Action
CD Mode	←.....	CD(Complete Diagnostics)	Software version information EEPROM edit	Mute more than 5 seconds
SD Mode	←.....	SD(Status Display)	MTBF parameter	Action
MS Mode	←.....	MS Mode	Not use	----
ID Mode	←.....	ID	Not use	----

Remote control



How to access the CAT mode.

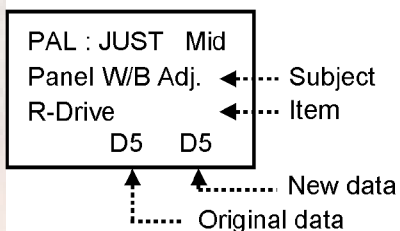
Press and the hold the Volume down / - button on the front panel of the unit and press the status button on the remote control 3 times quickly within 1 second, this will place the unit into the CAT mode.

To exit the **CAT mode**, access the **ID mode** and switch off the main power.

9.1.1. IIC mode

Select the IIC mode by **Up/Down button** on the remote control at the front page of CAT mode then press the **Action button** on the remote control.

OSD



How to use the IIC mode.

1. Select the alignment **Subject** by **Up/Down buttons** on the remote control.
2. Select the alignment **Item** by **Left/Right buttons** on the remote control.
3. Adjust **optimum setting** by **Volume Up/Down buttons** on the remote control.
4. The **data is memorized** when press the **R button** on the remote control or change the alignment Subject (or Items).

Subject and item are mentioned on page 14.

To exit the IIC mode, press the **R button** on the remote control.

9.1.2. CD mode

Select the CD mode by **Up/Down button** on the remote control at the front page of CAT mode then press the **Mute button** on the remote control more than 5 sec.

OSD

MiCom Software version.	0.11	OK	Factory use
Memory data version D	0.11 1	8 63	
Memory data version H	21.05	78 3F	
Memory data change Address	0	0	
Data	0	0	New data
			Original data

Micom software version (IC9354), this version can be upgrade by

1. replace of new version IC
2. Loading the new version software from loader tool, TZSC07036.

Memory data change

Address Change by Up/Down buttons on the remote control.

Change by Left/Right buttons on the remote control.

Data Change by VOL Up/Down buttons on the remote control.

The data is memorized when switch off the main power.

To exit the CD mode, press the **R button** on the remote control.

9.1.3. SD mode

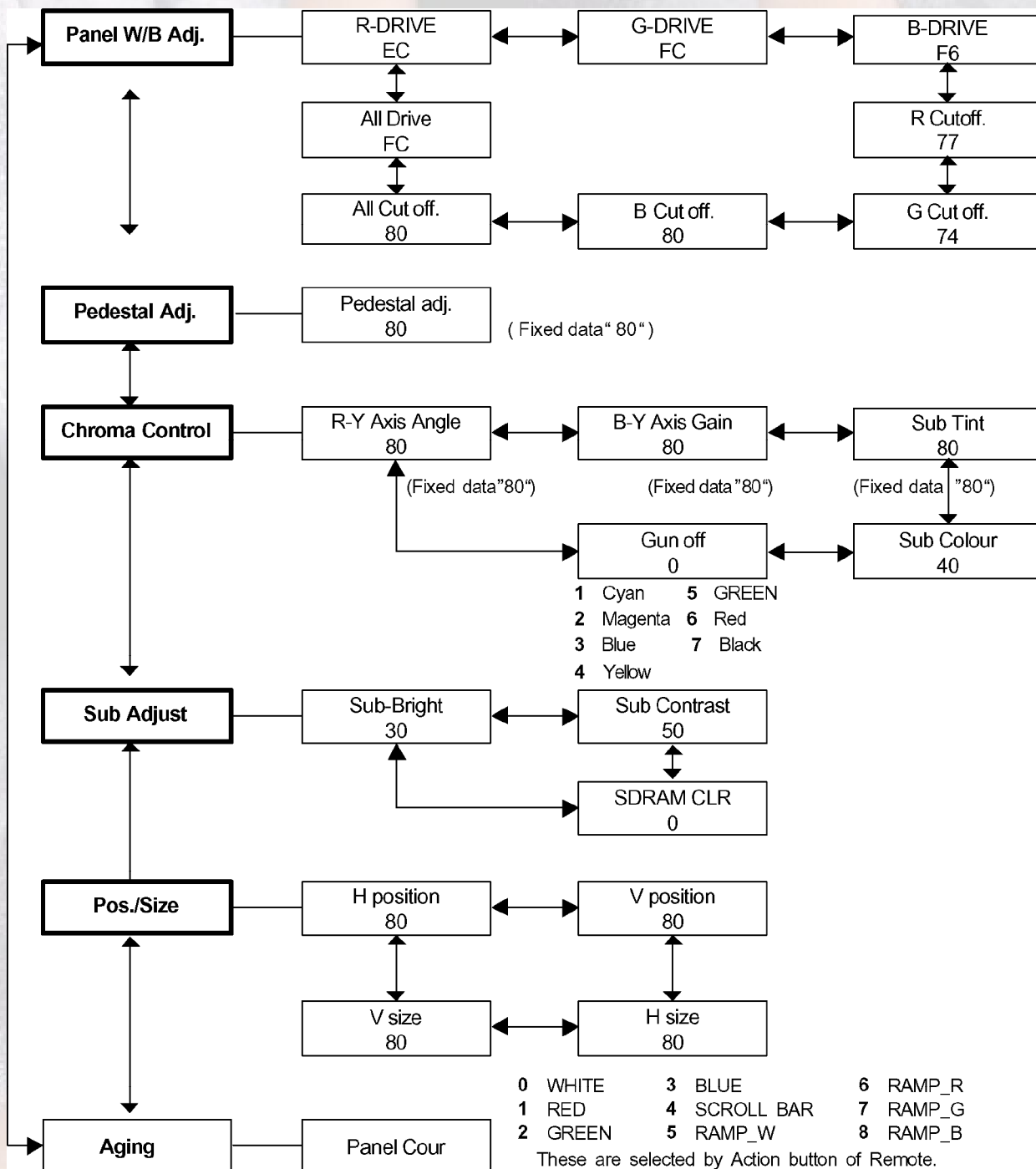
Select the SD mode by Up/Down button on the remote control at the front page of CAT mode then press the Action button on the remote control.

OSD

Input command check	23 25 27 --- 27 27 27 ----- 28 25 25 37		History of remote control command. (Factory use)		
Power Protect					
MTBF parameter	WT	72	PT	12	Cumulative Time for power on condition. (unit :hour) Counter of power on. (unit :time)
Remote Control mode	A B				

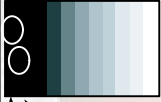
To exit the SD mode, press the **R button** on the remote control.

9.2. IIC mode structure (following items value is sample data.)



10 Alignment

10.1. Pedestal setting

	INPUT	Equipment	Setting	Alignment menu	Procedure
1	Component (525i, 525p, 625i, 720i or 1080i) Gray Scale Pattern 		Picture: Normal White balance: Cool Aspect: 16:9	PANEL W/B R cut off G cut off B cut off Chroma Control: Gun off RGB Sub Adjust: G Sub Bright Chroma Control: Gun off RGB Sub Adjust: B Sub Bright Chroma Control: Gun off RGB Sub Adjust: R Sub Bright	** Adjust at the dark room. 1) Set R,G and B cut off to " 80 ". 2) Set Gun off to "5". (Only green pixels can emit.) 3) Adjust G Sub bright to start some of green pixels emission at black 2% area and no emission at black 0% area. 4) Set Gun off to "3". (Only blue pixels can emit.) 5) Adjust B Sub bright to start some of blue pixels emission at black 2% area and no emission at black 0% area. 6) Set Gun off to "6". (Only red pixels can emit.) 7) Adjust R Sub bright to start some of red pixels emission at black 2% area and no emission at black 0% area.
2	RGB(PC) Gray Scale Pattern 		Picture: Normal White balance: Cool Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change input to RGB signal. 2) Repeat procedure 1) to 7) of Component input signal.

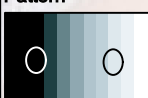
Note:

OSD is the difference between UY/UZ model and Except UY/UZ model.

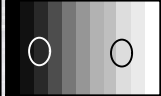
Picture: Normal (Except UY/UZ)/Standard (UY/UZ model)

White balance (Except UY/UZ)/Color Temp (UY/UZ model)

10.2. NTSC panel white balance

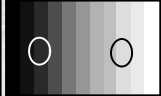
	INPUT	Equipment	Setting	Alignment menu	Procedure												
1	NTSC Gray Scale Pattern 	Color Analyzer	Picture: Normal White balance: Cool Aspect: 16:9	Sub Adjust Sub Bright PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive R,G,B Drive PANEL W/B R,G,B cut off	1) Find the nearest area to brightness of 10 cd/m2 as Low light by color sensor. 2) Adjust Sub bright to set Low light level to 10 cd/m2 exactly. 3) Set G cut off to " 80 ". 4) Adjust B and R cut off to set color temperature as shown Fig.-01. 5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m2. 6)Find 75% of white area by color sensor. 7) Set G Drive to " D8 ". 8) Adjust B and R Drive to set color temperature as shown Fig.-01. 9) Repeat item 4) to 7) to set both Low light and high light. 10) Increase same steps of R, G and B Drive to set largest level of 3 color drive to "FC". 11) Re-adjust Low light level again. <table border="1" data-bbox="920 980 1237 1085"><tr><td>Color Temp.</td><td>x</td><td>y</td></tr><tr><td>Cool(Hi)</td><td>0.272</td><td>0.290</td></tr><tr><td>Normal(Mid)</td><td>0.288</td><td>0.296</td></tr><tr><td>Warm(Low)</td><td>0.313</td><td>0.329</td></tr></table> Fig. -01	Color Temp.	x	y	Cool(Hi)	0.272	0.290	Normal(Mid)	0.288	0.296	Warm(Low)	0.313	0.329
Color Temp.	x	y															
Cool(Hi)	0.272	0.290															
Normal(Mid)	0.288	0.296															
Warm(Low)	0.313	0.329															
2			Picture: Normal White balance: Normal Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Normal". 2) Repeat procedure 3) to 11) of Cool mode.												
3			Picture: Normal White balance: Warm Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Warm". 2) Repeat procedure 3) to 11) of Cool mode.												
4			Picture: Normal White balance: Cool Aspect: 16:9	Picture Menu Sub Adjust Sub Bright	1) Change color templatue to "Cool". 2)Re-set Sub bright to "30"												

10.3. PAL/SECAM panel white balance

	INPUT	Equipment	Setting	Alignment menu	Procedure												
1	PAL Gray Scale Pattern  High light 75% Low light 15%	Color Analyzer	Picture: Normal White balance: Cool Aspect: 16:9	Sub Adjust Sub Bright PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive R,G,B Drive PANEL W/B R,G,B cut off	1) Find the nearest area to brightness of 10 cd/m² as Low light by color sensor. 2) Adjust Sub bright to set Low light level to 10 cd/m² exactly. 3) Set G cut off to " 80 ". 4) Adjust B and R cut off to set color temperature as shown Fig.-02. 5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m². 6)Find 75% of white area by color sensor. 7) Set G Drive to " D8 ". 8) Adjust B and R Drive to set color temperature as shown Fig.-02. 9) Repeat procedure 4) to 7) to set both Low light and high light. 10) Increase same steps of R, G and B Drive to set largest level of 3 color drive to "FC". 11) Re-adjust Low light level again. <table><tr><td>Color Temp.</td><td>x</td><td>y</td></tr><tr><td>Cool(Hi)</td><td>0.272</td><td>0.290</td></tr><tr><td>Normal(Mid)</td><td>0.288</td><td>0.296</td></tr><tr><td>Warm(Low)</td><td>0.313</td><td>0.329</td></tr></table> Fig. -02	Color Temp.	x	y	Cool(Hi)	0.272	0.290	Normal(Mid)	0.288	0.296	Warm(Low)	0.313	0.329
Color Temp.	x	y															
Cool(Hi)	0.272	0.290															
Normal(Mid)	0.288	0.296															
Warm(Low)	0.313	0.329															
2			Picture: Normal White balance: Normal Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Normal". 2) Repeat procedure 3) to 11) of Cool mode.												
3			Picture: Normal White balance: Warm Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Warm". 2) Repeat procedure 3) to 11) of Cool mode.												
4			Picture: Normal White balance: Cool Aspect: 16:9	Picture Menu Sub Adjust Sub Bright	1) Change color templatue to "Cool". 2)Re-set Sub bright to "30"												

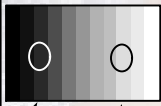
		Equipment	Setting	Alignment menu	Procedure																												
5			Picture: Normal Aspect: 16:9 White balance: Cool Normal Warm		1) Write down each color temaparature of R,G,B drive and Cut off data as follows. <table><tr><td>White Balance</td><td>Cool</td><td>Normal</td><td>Warm</td></tr><tr><td>R Drive</td><td></td><td></td><td></td></tr><tr><td>G Drive</td><td></td><td></td><td></td></tr><tr><td>B Drive</td><td></td><td></td><td></td></tr><tr><td>R Cut off</td><td></td><td></td><td></td></tr><tr><td>G Cut off</td><td></td><td></td><td></td></tr><tr><td>B Cut off</td><td></td><td></td><td></td></tr></table>	White Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
White Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	
	SECAM signal				2) Input SECAM signal. 3) Copy PAL R,G,B drive and cut off data of each white balance mode to SECAM position.																												

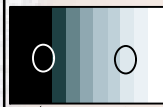
10.4. PC/RGB panel white balance

	INPUT	Equipment	Setting	Alignment menu	Procedure												
1	PC Gray Scale Pattern 	Color Analyzer	Picture: Normal White balance: Cool Aspect: 16:9	Sub Adjust Sub Bright PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive R,G,B Drive PANEL W/B R,G,B cut off	1) Find the nearest area to brightness of 10 cd/m ² as Low light by color sensor. 2) Adjust Sub bright to set Low light level to 10 cd/m ² exactly. 3) Set G cut off to " 80 " . 4) Adjust B and R cut off to set color temperature as shown Fig.-03. 5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m ² . 6)Find 75% of white area by color sensor. 7) Set G Drive to " D8 " . 8) Adjust B and R Drive to set color temperature as shown Fig.-03. 9) Repeat item 4) to 7) to set both Low light and high light. 10) Increase same steps of R, G and B Drive to set largest level of 3 color drive to "FC". 11) Re-adjust Low light level again. <table border="1" data-bbox="876 1010 1214 1123"><tr><td>Color Temp.</td><td>x</td><td>y</td></tr><tr><td>Cool(Hi)</td><td>0.272</td><td>0.290</td></tr><tr><td>Normal(Mid)</td><td>0.288</td><td>0.296</td></tr><tr><td>Warm(Low)</td><td>0.313</td><td>0.329</td></tr></table> Fig. -03	Color Temp.	x	y	Cool(Hi)	0.272	0.290	Normal(Mid)	0.288	0.296	Warm(Low)	0.313	0.329
Color Temp.	x	y															
Cool(Hi)	0.272	0.290															
Normal(Mid)	0.288	0.296															
Warm(Low)	0.313	0.329															
2			Picture: Normal White balance: Normal Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Normal". 2) Repeat procedure 3) to 11) of Cool mode.												
3			Picture: Normal White balance: Warm Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Warm". 2) Repeat procedure 3) to 11) of Cool mode.												
4			Picture: Normal White balance: Cool Aspect: 16:9	Picture Menu Sub Adjust Sub Bright	1) Change color templatue to "Cool". 2)Re-set Sub bright to "30"												

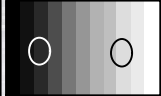
	INPUT	Equipment	Setting	Alignment menu	Procedure																												
5	RGB Gray Scale Pattern 		Picture: Normal Aspect: 16:9 White balance: Cool Normal Warm		1) Write down each color temaparature of R,G,B drive and Cut off data as follows. <table><tr><th>White Balance</th><th>Cool</th><th>Normal</th><th>Warm</th></tr><tr><td>R Drive</td><td></td><td></td><td></td></tr><tr><td>G Drive</td><td></td><td></td><td></td></tr><tr><td>B Drive</td><td></td><td></td><td></td></tr><tr><td>R Cut off</td><td></td><td></td><td></td></tr><tr><td>G Cut off</td><td></td><td></td><td></td></tr><tr><td>B Cut off</td><td></td><td></td><td></td></tr></table> 2) Input RGB signal. 3) Copy PC R,G,B drive and cut off data of each white balance mode to RGB position.	White Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
White Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	
6	DVI Gray Scale Pattern 		Picture: Normal Aspect: 16:9 White balance: Cool Normal Warm		1) Write down each color temaparature of R,G,B drive and Cut off data as follows. <table><tr><th>White Balance</th><th>Cool</th><th>Normal</th><th>Warm</th></tr><tr><td>R Drive</td><td></td><td></td><td></td></tr><tr><td>G Drive</td><td></td><td></td><td></td></tr><tr><td>B Drive</td><td></td><td></td><td></td></tr><tr><td>R Cut off</td><td></td><td></td><td></td></tr><tr><td>G Cut off</td><td></td><td></td><td></td></tr><tr><td>B Cut off</td><td></td><td></td><td></td></tr></table> 2) Input DVI signal. 3) Copy PC R,G,B drive and cut off data of each white balance mode to DVI position.	White Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
White Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	

10.5. HD/ 525i /525p panel white balance

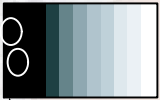
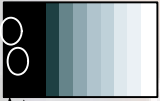
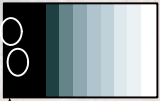
	INPUT	Equipment	Setting	Alignment menu	Procedure												
1	HD (720i or 1080i) Gray Scale Pattern 	Color Analyzer	Picture: Normal White balance: Cool Aspect: 16:9	Sub Adjust Sub Bright PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive R,G,B Drive PANEL W/B R,G,B cut off	1) Find the nearest area to brightness of 10 cd/m ² as Low light by color sensor. 2) Adjust Sub bright to set Low light level to 10 cd/m ² exactly. 3) Set G cut off to " 80 ". 4) Adjust B and R cut off to set color temperature as shown Fig.-04. 5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m ² . 6)Find 75% of white area by color sensor. 7) Set G Drive to " D8 ". 8) Adjust B and R Drive to set color temperature as shown Fig.-04. 9) Repeat item 4) to 7) to set both Low light and high light. 10) Increase same steps of R, G and B Drive to set largest level of 3 color drive to "FC". 11) Re-adjust Low light level again. <table border="1" data-bbox="875 1037 1216 1152"><tr><td>Color Temp.</td><td>x</td><td>y</td></tr><tr><td>Cool(Hi)</td><td>0.272</td><td>0.290</td></tr><tr><td>Normal(Mid)</td><td>0.288</td><td>0.296</td></tr><tr><td>Warm(Low)</td><td>0.313</td><td>0.329</td></tr></table> Fig. -04	Color Temp.	x	y	Cool(Hi)	0.272	0.290	Normal(Mid)	0.288	0.296	Warm(Low)	0.313	0.329
Color Temp.	x	y															
Cool(Hi)	0.272	0.290															
Normal(Mid)	0.288	0.296															
Warm(Low)	0.313	0.329															
2			Picture: Normal White balance: Normal Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Normal". 2) Repeat procedure 3) to 11) of Cool mode.												
3			Picture: Normal White balance: Warm Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Warm". 2) Repeat procedure 3) to 11) of Cool mode.												
4			Picture: Normal White balance: Cool Aspect: 16:9	Picture Menu Sub Adjust Sub Bright	1) Change color templature to "Cool". 2)Re-set Sub bright to "30"												

	INPUT	Equipment	Setting	Alignment menu	Procedure																												
5	RGB Gray Scale Pattern  High light 75% Low light 15%		Picture: Normal Aspect: 16:9 White balance: Cool Normal Warm		1) Write down each color temaparature of R,G,B drive and Cut off data as follows. <table><tr><td>White Balance</td><td>Cool</td><td>Normal</td><td>Warm</td></tr><tr><td>R Drive</td><td></td><td></td><td></td></tr><tr><td>G Drive</td><td></td><td></td><td></td></tr><tr><td>B Drive</td><td></td><td></td><td></td></tr><tr><td>R Cut off</td><td></td><td></td><td></td></tr><tr><td>G Cut off</td><td></td><td></td><td></td></tr><tr><td>B Cut off</td><td></td><td></td><td></td></tr></table> 2)Change input signal to 525i and 525p. 3) Copy HD drive and cut off data of each white balance mode to each signals position.	White Balance	Cool	Normal	Warm	R Drive				G Drive				B Drive				R Cut off				G Cut off				B Cut off			
White Balance	Cool	Normal	Warm																														
R Drive																																	
G Drive																																	
B Drive																																	
R Cut off																																	
G Cut off																																	
B Cut off																																	

10.6. 625i panel balance

	INPUT	Equipment	Setting	Alignment menu	Procedure												
1	625i Gray Scale Pattern 	Color Analyzer	Picture: Normal White balance: Cool Aspect: 16:9	Sub Adjust Sub Bright PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive R,G,B Drive PANEL W/B R,G,B cut off	1) Find the nearest area to brightness of 10 cd/m ² as Low light by color sensor. 2) Adjust Sub bright to set Low light level to 10 cd/m ² exactly. 3) Set G cut off to " 80 ". 4) Adjust B and R cut off to set color temperature as shown Fig.-05. 5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m ² . 6)Find 75% of white area by color sensor. 7) Set G Drive to " D8 ". 8) Adjust B and R Drive to set color temperature as shown Fig.-05. 9) Repeat item 4) to 7) to set both Low light and high light. 10) Increase same steps of R, G and B Drive to set largest level of 3 color drive to "FC". 11) Re-adjust Low light level again. <table border="1" data-bbox="875 1010 1213 1123"><tr><td>Color Temp.</td><td>x</td><td>y</td></tr><tr><td>Cool(Hi)</td><td>0.272</td><td>0.290</td></tr><tr><td>Normal(Mid)</td><td>0.288</td><td>0.296</td></tr><tr><td>Warm(Low)</td><td>0.313</td><td>0.329</td></tr></table> Fig. -05	Color Temp.	x	y	Cool(Hi)	0.272	0.290	Normal(Mid)	0.288	0.296	Warm(Low)	0.313	0.329
Color Temp.	x	y															
Cool(Hi)	0.272	0.290															
Normal(Mid)	0.288	0.296															
Warm(Low)	0.313	0.329															
2			Picture: Normal White balance: Normal Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Normal". 2) Repeat procedure 3) to 11) of Cool mode.												
3			Picture: Normal White balance: Warm Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Warm". 2) Repeat procedure 3) to 11) of Cool mode.												
4			Picture: Normal White balance: Cool Aspect: 16:9	Picture Menu Sub Adjust Sub Bright	1) Change color templatue to "Cool". 2)Re-set Sub bright to "30"												

10.7. Sub brightness setting

	INPUT	Equipment	Setting	Alignment menu	Procedure
1	NTSC Gray Scale Pattern 		Picture: Normal Aspect: 16:9	PANEL W/B All cut off	** Adjust at the dark room. 1) Set white balance to Cool . 2) Adjust All cut off to start some pixels emission at black 2% area and no emission at black 0% area. 3) Write down all cut off data. 4) Set white balance to Normal . 5) Adjust All cut off to set same data of Cool mode. 6) Set white balance to warm . 7) Adjust All cut off to set same data of Cool mode.
2	PAL Gray Scale Pattern 		Picture: Normal Aspect: 16:9	PANEL W/B All cut off	** Adjust at the dark room. 1) Set white balance to Cool . 2) Adjust All cut off to start some pixels emission at black 2% area and no emission at black 0% area. 3) Write down all cut off data. 4) Set white balance to Normal . 5) Adjust All cut off to set same data of Cool mode. 6) Set white balance to warm . 7) Adjust All cut off to set same data of Cool mode.
	SECAM Gray Scale Pattern				8) Change to SECAM signal. 9) Copy PAL All cut off data to SECAM mode.
3	PC Gray Scale Pattern 		Picture: Normal Aspect: 16:9	PANEL W/B All cut off	** Adjust at the dark room. 1) Set white balance to Cool . 2) Adjust All cut off to start some pixels emission at black 2% area and no emission at black 0% area. 3) Write down all cut off data. 4) Set white balance to Normal . 5) Adjust All cut off to set same data of Cool mode. 6) Set white balance to warm . 7) Adjust All cut off to set same data of Cool mode.
	RGB Gray Scale Pattern				8) Change to RGB input signal. 9) Copy PC All cut off data to RGB mode.
	DVI Gray Scale Pattern				10) Change to DVI input signal. 11) Copy PC All cut off data to DVI mode.

	INPUT	Equipment	Setting	Alignment menu	Procedure
4	525i Gray Scale Pattern 		Picture: Normal Aspect: 16:9	PANEL W/B All cut off	** Adjust at the dark room. 1) Set white balance to Cool . 2) Adjust All cut off to start some pixels emission at black 2% area and no emission at black 0% area. 3) Write down all cut off data. 4) Set white balance to Normal . 5) Adjust All cut off to set same data of Cool mode. 6) Set white balance to warm . 7) Adjust All cut off to set same data of Cool mode. 8) Change to 525p signal. 9) Copy 525i All cut off data to 525p mode. 8) Change to HD signal. 9) Copy 525i All cut off data to HD mode.
	525p Gray Scale Pattern				
	HD (720i or 1080i) Gray Scale Pattern				
5	625i Gray Scale Pattern 		Picture: Normal Aspect: 16:9	PANEL W/B All cut off	** Adjust at the dark room. 1) Set white balance to Cool . 2) Adjust All cut off to start some pixels emission at black 2% area and no emission at black 0% area. 3) Write down all cut off data. 4) Set white balance to Normal . 5) Adjust All cut off to set same data of Cool mode. 6) Set white balance to warm . 7) Adjust All cut off to set same data of Cool mode.

11 Troubleshooting guide

11.1. Self Check

11.1.1. Display Indication

1. Self-check is used to automatically check the bus line controlled circuit of the Plasma display.
2. To get into the Self-check mode, press the **volume down** button on the customer controls at the front of the set, at the same time pressing the **OFF-TIMER** button on the remote control, and the screen will show :-

If the CCU ports have been checked and found to be incorrect Or not located then " - - " will appear in place of " OK "

Note:

In case of disconnected of H/HY/HZ "IC3699 - -" is displayed.

ID	IIC1	IIC2	IIC3
D1	IC9355 OK H21 IC9357 OK H51 IC9007 OK H52 IC9200 OK H53 IC3001 OK H53 IC3004 OK H54	D2	IC9900 OK H55 IC9602 OK H55 IC9652 OK H57
Z	IC2401 OK H58	H	IC3501 OK H56 IC3699 OK H59 IC3804 OK H60 IC4502 ---
C	IC7132 ---		

11.1.2. 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	Blink timing	Contents & Check point
Twice		SC,SS,C board
Three		D board
Four		P board (Check P7,P8 protection circuits)
Six		Fan circuit / Fan stop Check Pin3 of P10 to P13 connectors.

3. Remarks

Above Fan function is operated during the fans are installed.

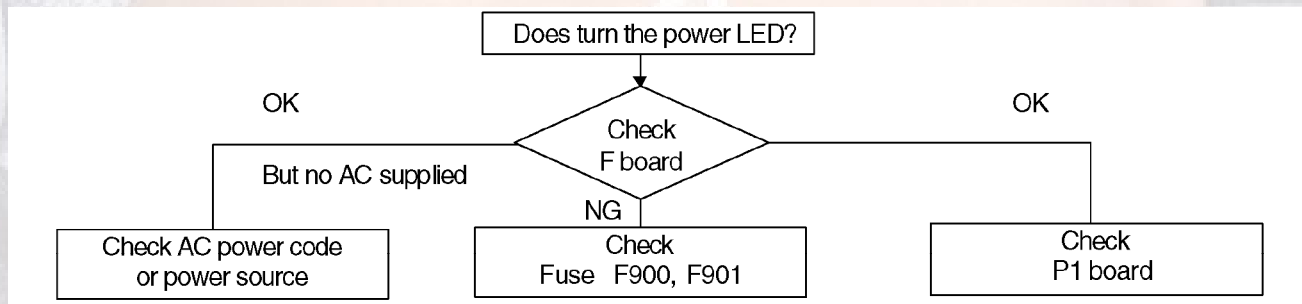
11.2. No Power

First check point

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

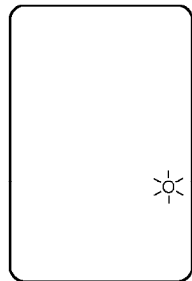
1. No lit
2. Green is lit then turns red blinking a few seconds later.
3. Only red is lit.

1. No lit



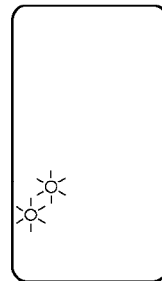
Drive circuits LED indicator

SC board



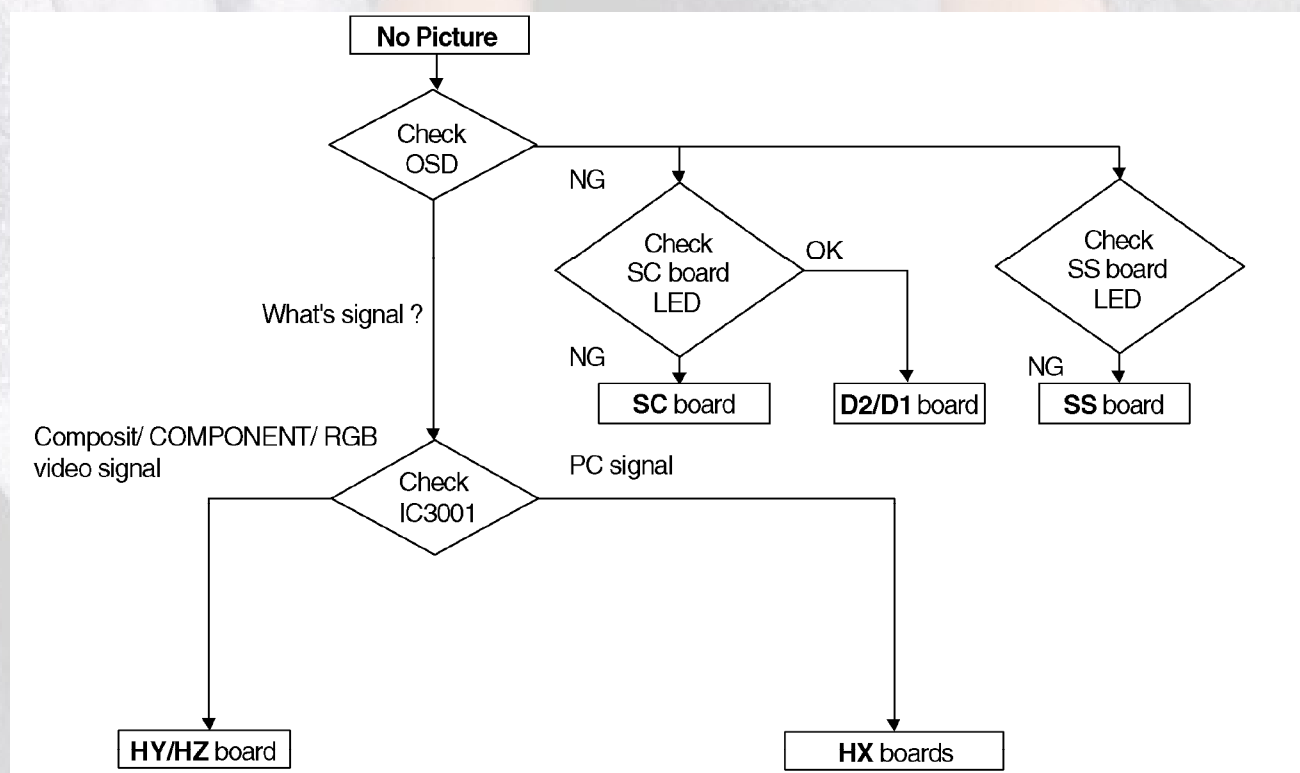
D6583

SS board



D6764 (42 only)
(15V detection)
D6710

11.3. No Picture



11.4. Local screen failure

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

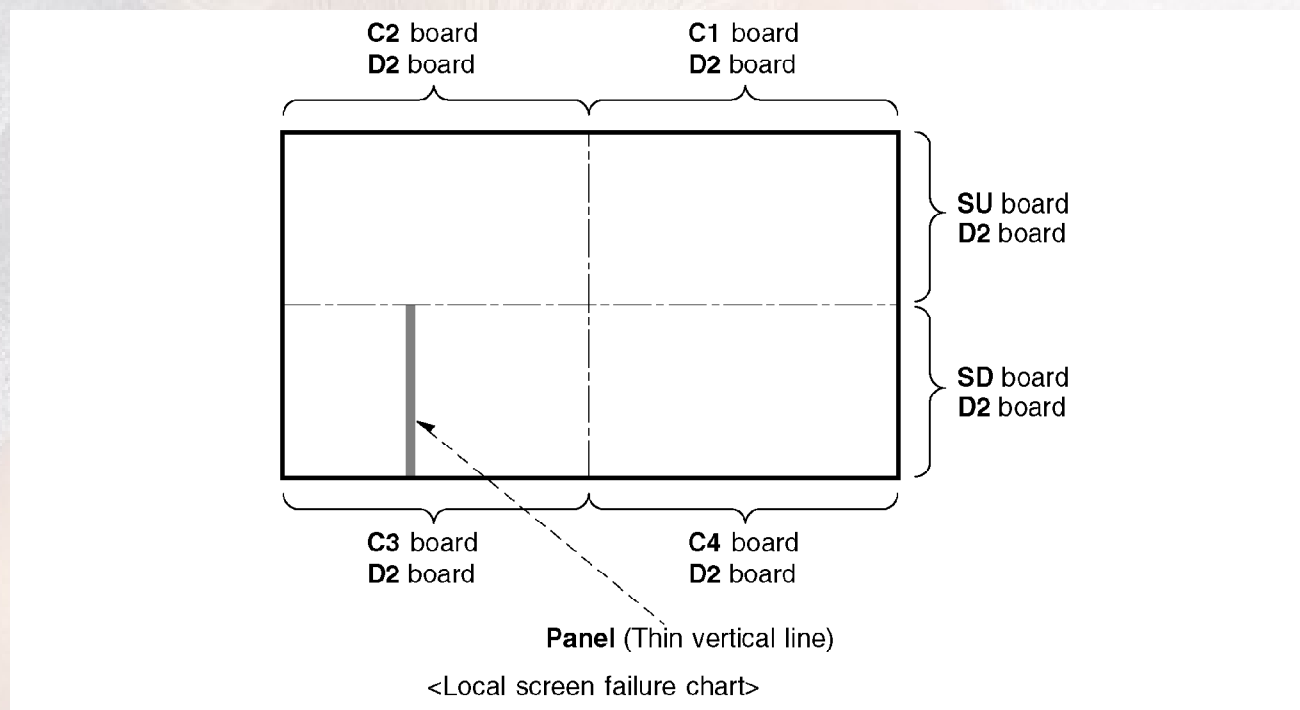


Fig - 1

12 Option Setting

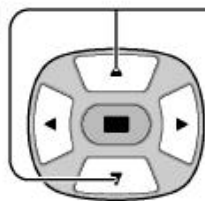
How to access the Option menu

1



Press to display the Setup menu.

2



Press to select OSD Language.



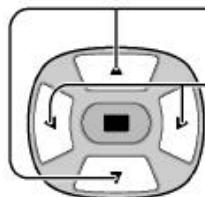
3



Press down for more than 3 seconds to display the Option menu.

Setting the Option menus

1



Press to select the desired item.

Press to select the desired function.

The option menu will disappear 60 seconds after operation.

2



Press to exit Option menu.

Hidden Option Menu for GPH5D series

GPH5D chassis series have special function and operation setting facility called Option Menu. This Option Menu is useful for special function required customers. This should be set at the installation stage. The end user could not set or change these because of hidden On screen menu.

Option menus	default setting	Contents
Wobbling	Off	Wobbling operation On/Off. The outline of burnt image will be blurred by intermittent image sift.
Off-timer function	Enable	Off-timer operation Enable/Disable.
On Screen display	On	Enable/Disable to display input mode indication after power on and no signal indication.
Initial Input	Off	Sets the initial input mode when the power is turned on . Allow input mode selection while power is on.
Initial VOL. level	Off	Sets the initial volume level when the power is turned on. Allow Volume control while power is on.
Maximum VOL. Level	Off	Sets the maximum volume to desired level. Volume cannot exceed this level.
INPUT lock	Off	Fixes the input mode to AV, Component/RGB or PC. Can not change input mode by input selection key.
Button lock	Off	Enable/Disable front operation buttons (Input and/or volume up/down)
Studio W/B	Off	Set warm mode color temperature to 3,200 Kelvin.
Remocon User Level	Off	Remote key invalidation. Off : Valid key is all key of remote. User1 : Valid key are only Stand-by (ON/OFF), Input, Status, Surround, Sound mute On/Off, and volume adjustment. User2 : Valid key is only Stand-by (ON/OFF).

Note :

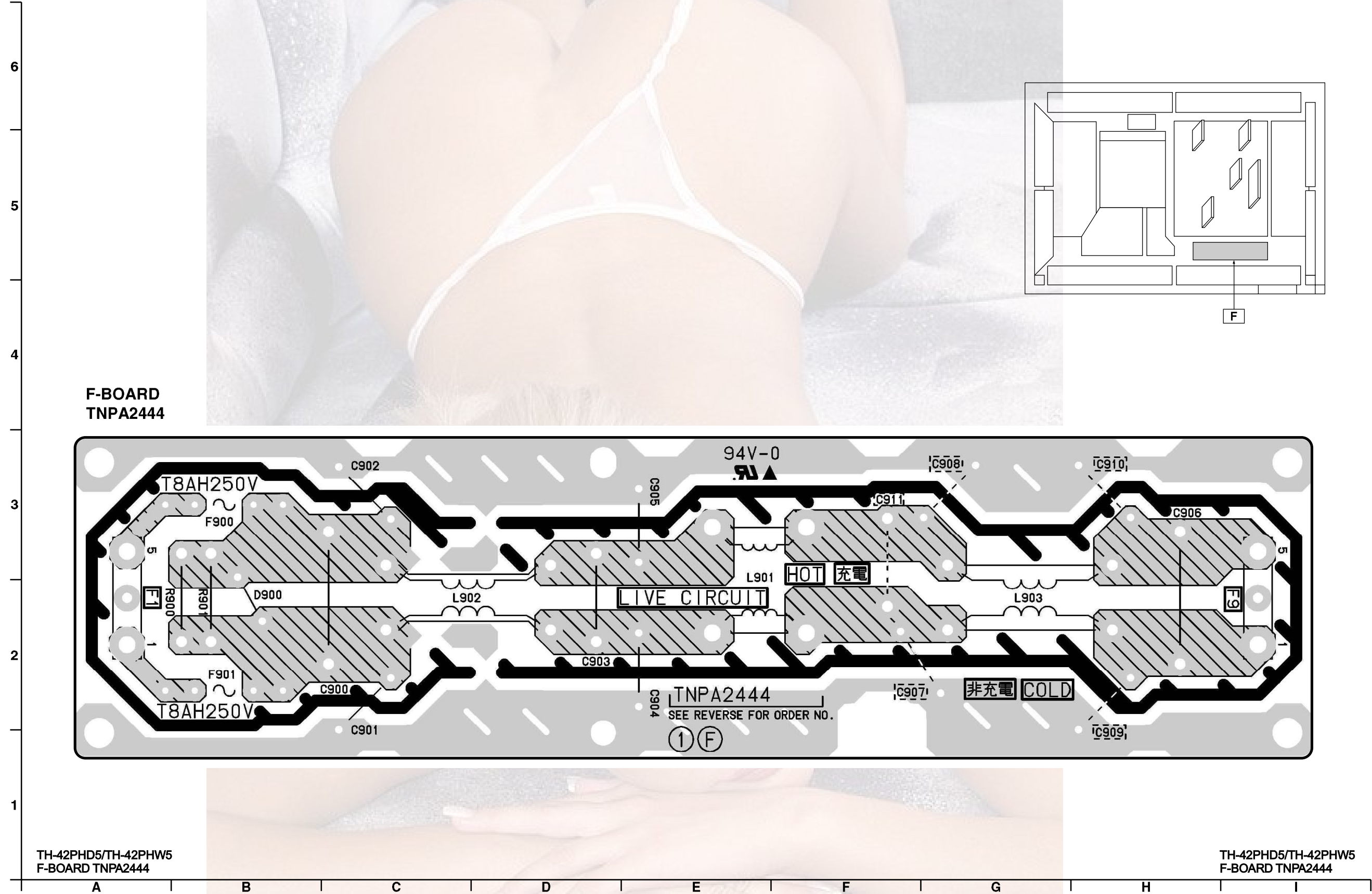
How to set Remocon User Level and Remote ID off

1. Access service mode (CAT-mode) and press SET UP key on remote.
2. Access Hidden option menu.
3. Change Remocon User Level and/ or Remote ID set to Off.

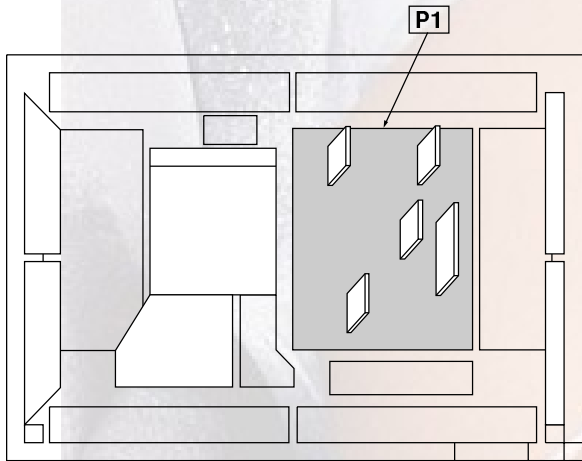


13 Conductor Views

13.1. F-Board



TH-42PHD5/TH-42PHW5
P1-BOARD TXN/P10LLS



Parts Location

P1-BOARD (FOIL SIDE)			
IC		TRANSISTOR	
IC400	E-5	Q400	F-3
IC401	F-2	Q401	F-3
IC403	D-6	Q402	F-3
IC406	B-3	Q403	G-2
IC407	B-5	Q404	G-3
IC411	C-4	Q407	G-1
IC416	D-3	Q408	F-1
		Q409	F-1
		Q410	F-1
		Q416	E-3
		Q417	C-6
		Q418	C-6
		Q419	C-6
		Q421	C-6
		Q422	E-3
		Q423	D-5
		Q426	C-3
		Q427	B-5
		Q428	C-5
		Q429	B-5
		Q430	C-3
		Q431	C-3

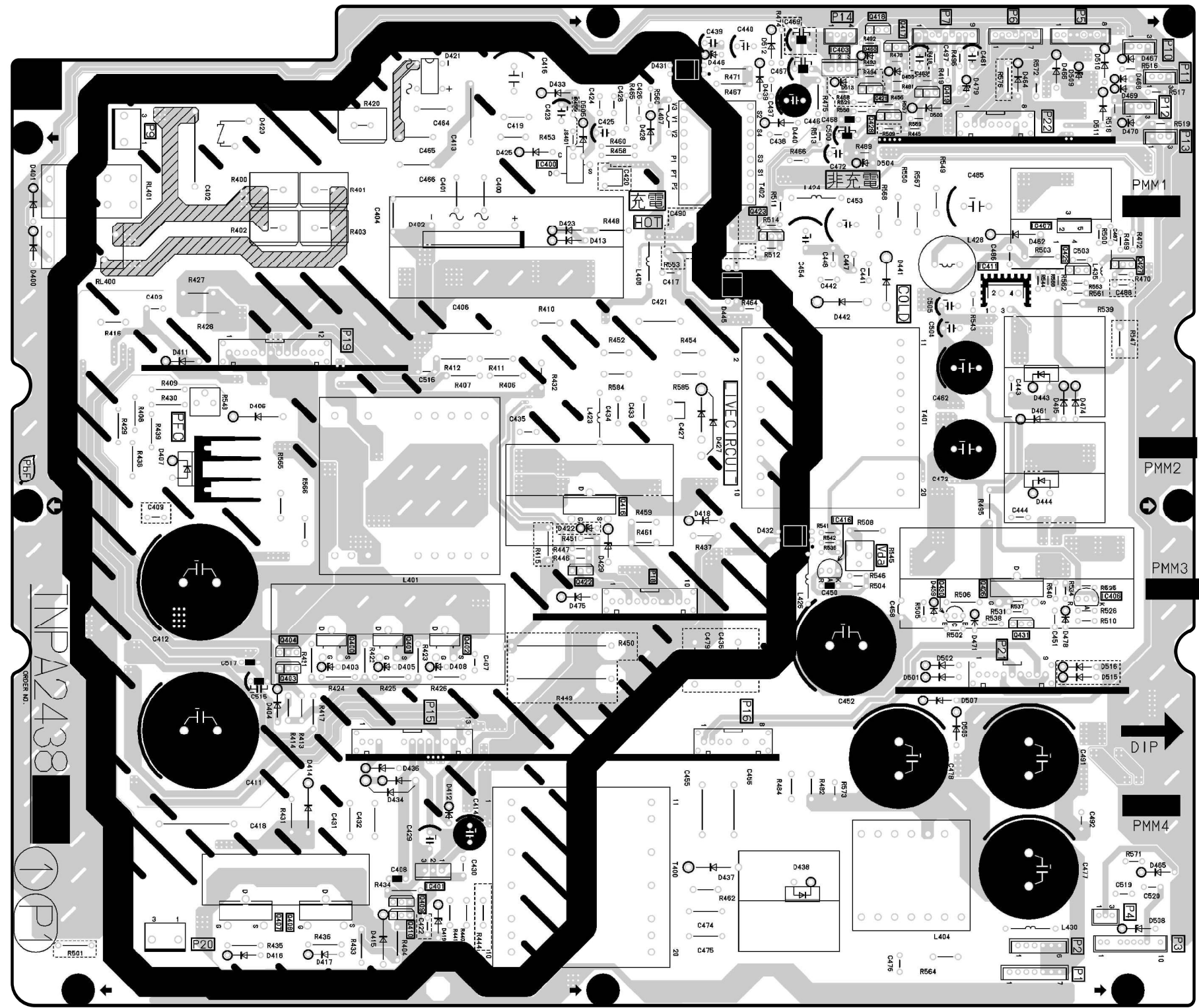
Parts Location

P1-BOARD (COMPONENT SIDE)			
IC		TRANSISTOR	
IC400	E-5	Q400	D-3
IC403	F-6	Q401	D-3
IC406	G-3	Q402	D-3
IC407	G-5	Q403	C-3
IC411	G-5	Q404	C-3
IC416	F-3	Q407	C-1
		Q408	C-1
		Q416	E-3
		Q417	F-6
		Q418	F-6
		Q419	G-6
		Q421	F-6
		Q422	E-3
		Q423	F-5
		Q426	G-3
		Q427	H-5
		Q428	F-5
		Q429	G-5
		Q430	G-3
		Q431	G-3

TH-42PHD5/TH-42PHW5
P1-BOARD PARTS LOCATION

TH-42PHD5/TH-42PHW5
P1-BOARD PARTS LOCATION

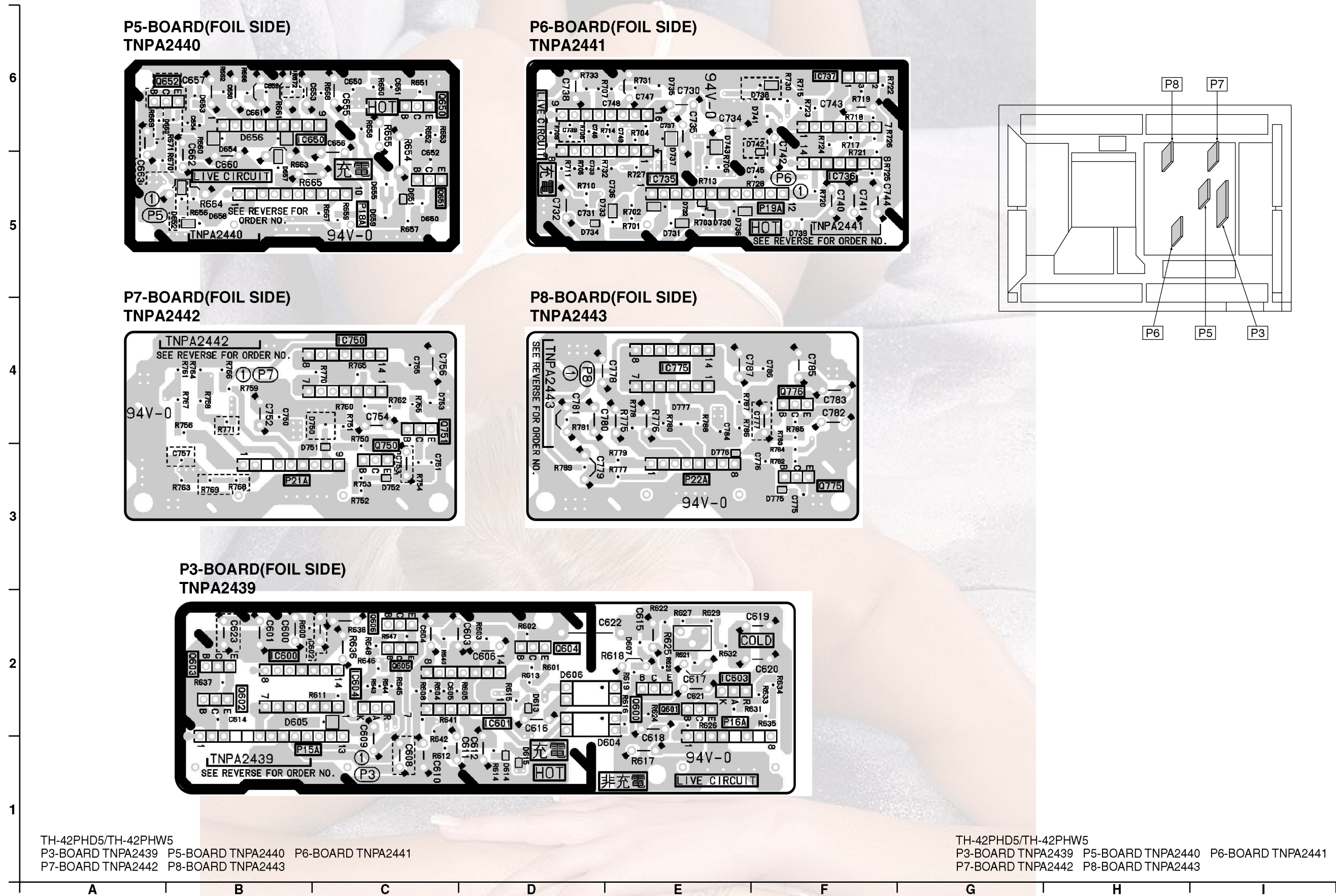
P1-BOARD(COMPONENT SIDE)
TXN/P10LLS



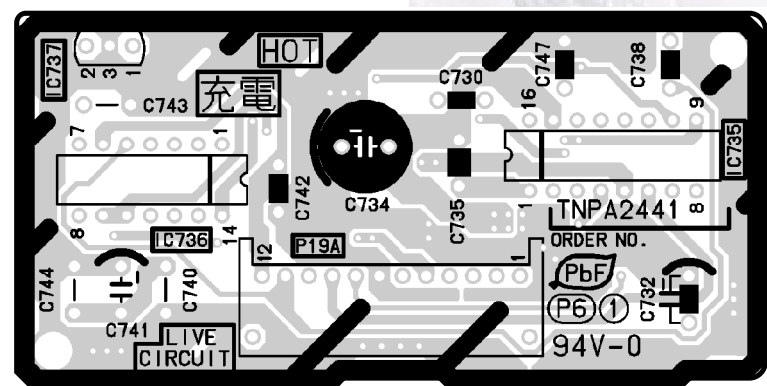
TH-42PHD5/TH-42PHW5
P1-BOARD TXN/P10LLS

TH-42PHD5/TH-42PHW5
P1-BOARD TXN/P10LLS

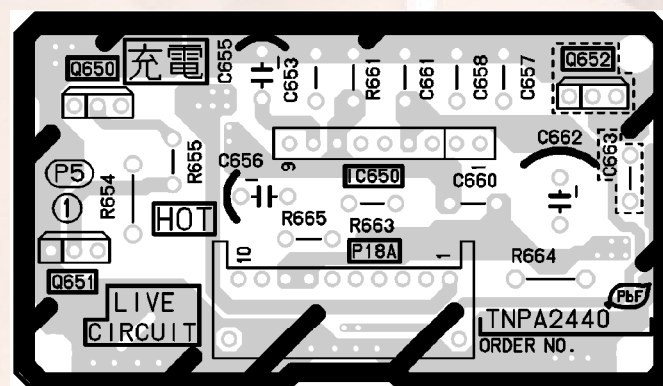
13.3. P3, P5, P6, P7 and P8-Board



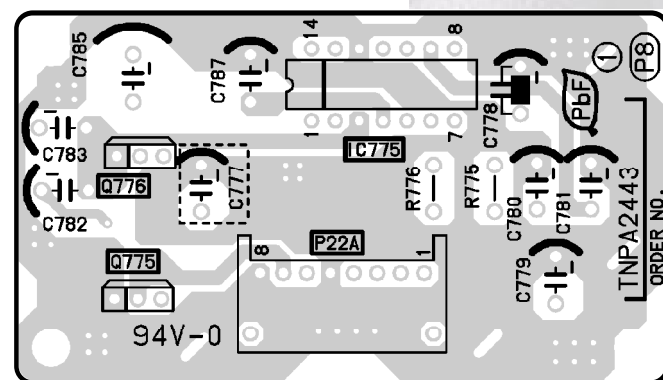
P6-BOARD(COMPONENT SIDE)
TNPA2441



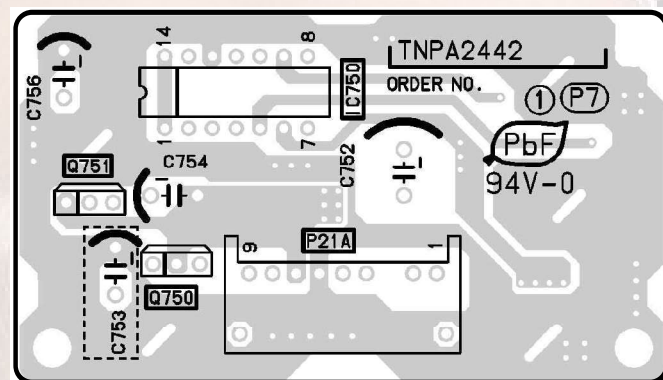
P5-BOARD(COMPONENT SIDE)
TNPA2440



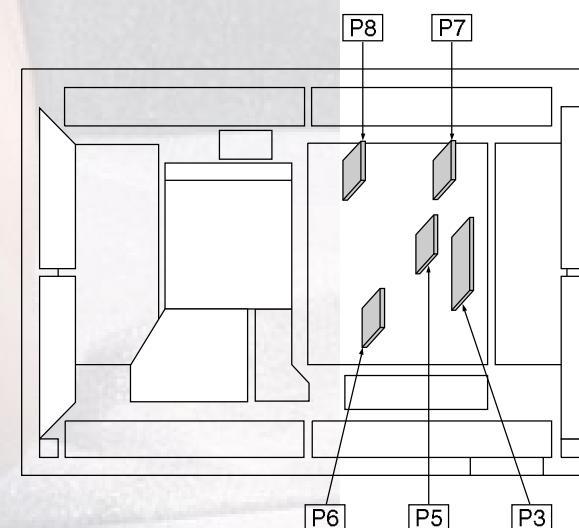
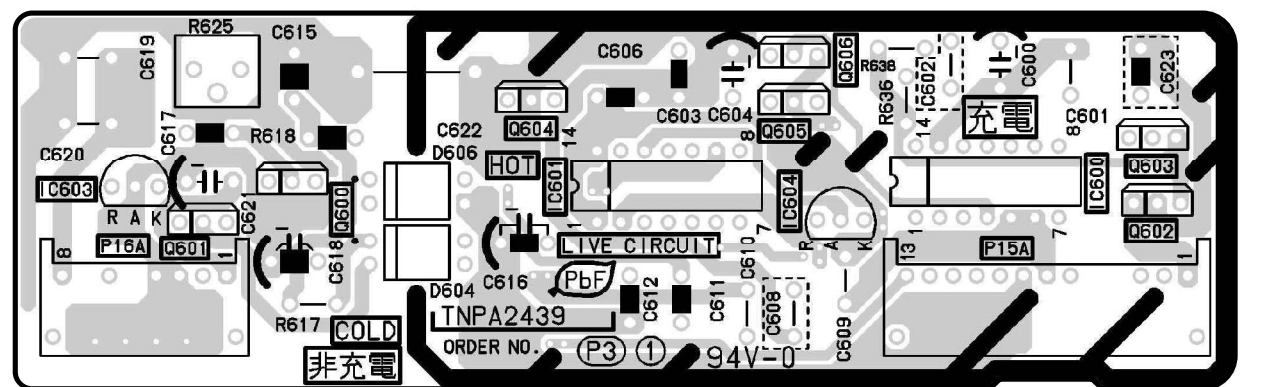
P8-BOARD(COMPONENT SIDE)
TNPA2443



P7-BOARD(COMPONENT SIDE)
TNPA2442

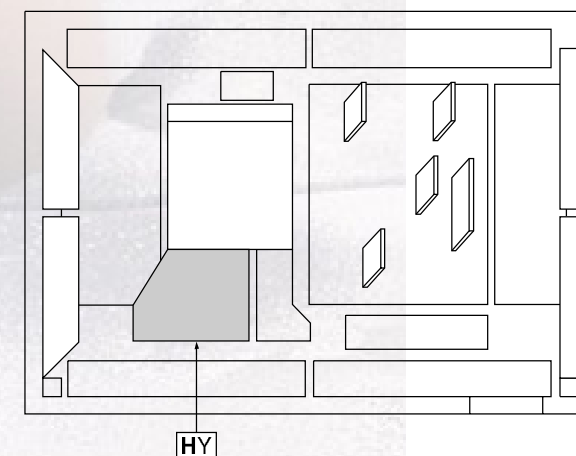
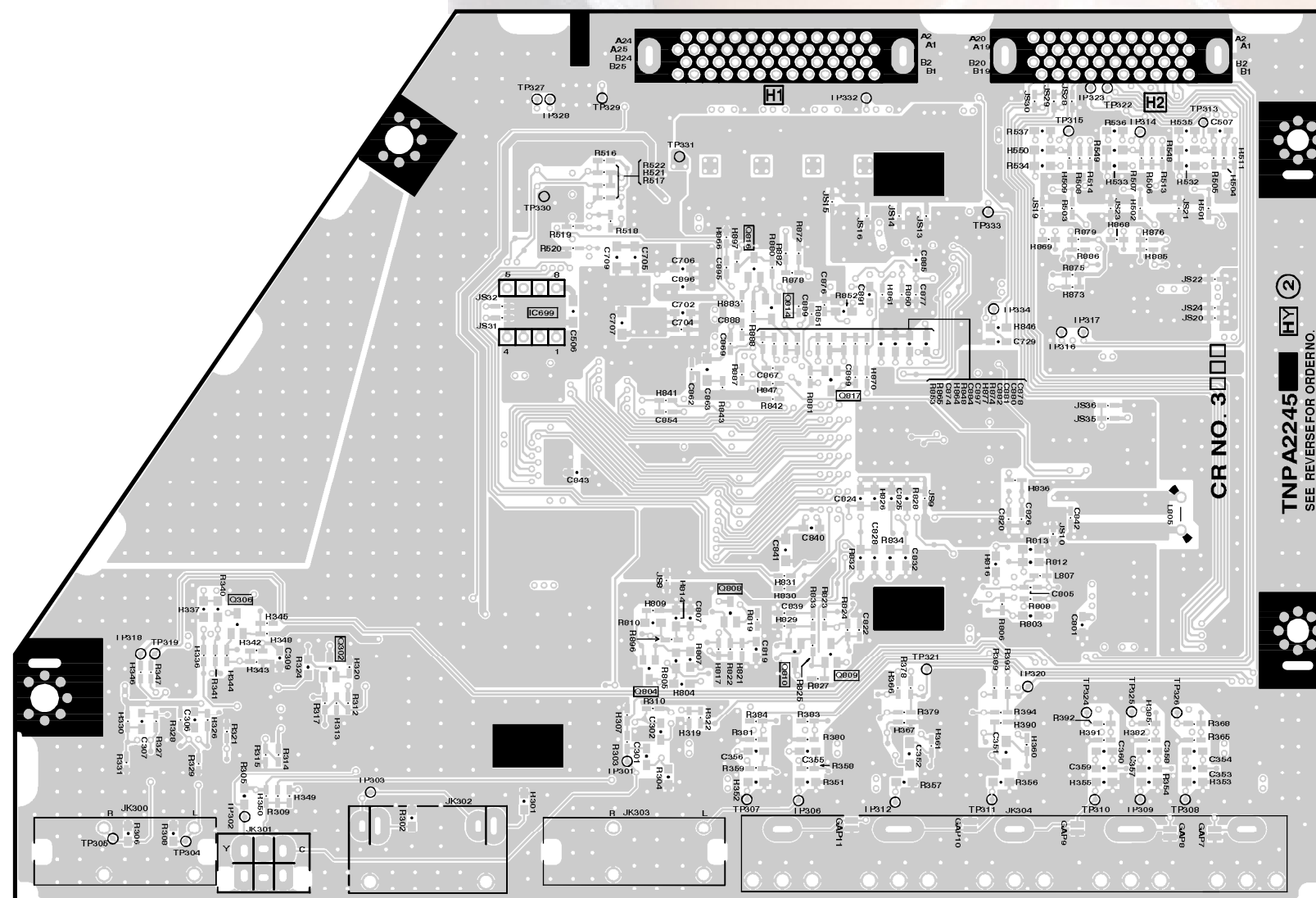


P3-BOARD(COMPONENT SIDE)
TNPA2439



13.5. HY-Board

6
5
4
3
2
1



HY-BOARD (FOIL SIDE)			
IC		TRANSISTOR	
IC3699	C-4	Q3302	B-2
		Q3306	B-2
		Q3804	C-2
		Q3808	D-2
		Q3809	D-2
		Q3810	D-2
		Q3814	D-4
		Q3816	D-4
		Q3817	D-3

A

2

C

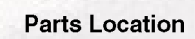
D

E

F

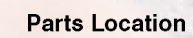
C

H



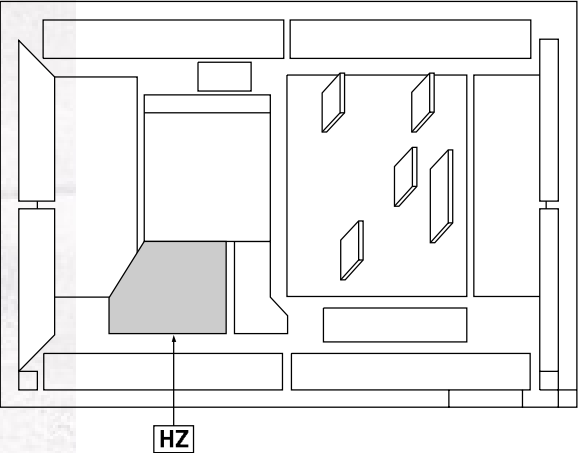
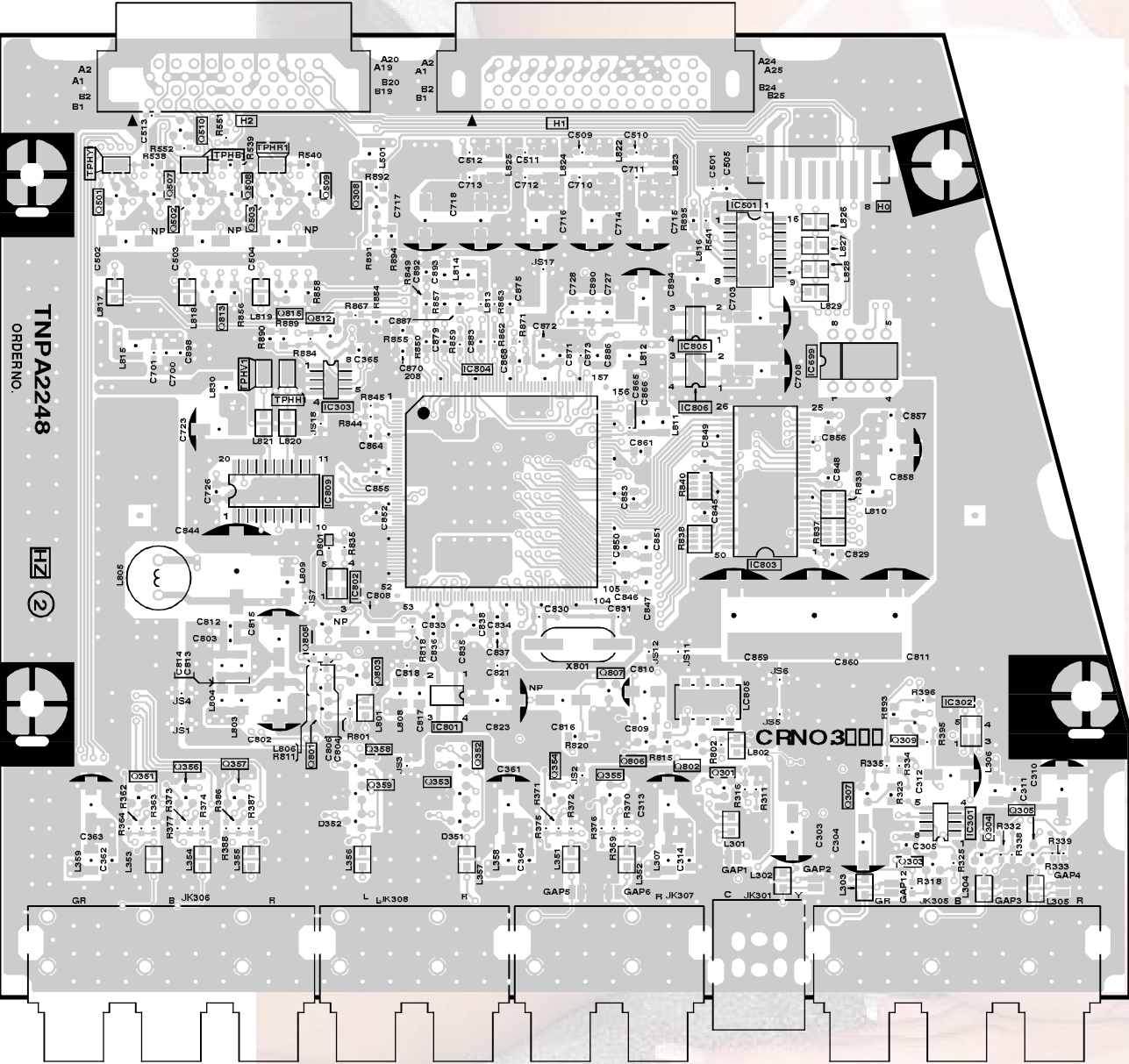
HY-BOARD (COMPONENT SIDE)					
IC		TRANSISTOR			
IC3301	E-2	Q3301	D-1	Q3507	A-4
IC3302	E-3	Q3303	E-2	Q3508	B-4
IC3303	B-4	Q3304	E-2	Q3509	B-4
IC3501	D-4	Q3305	F-2	Q3510	A-5
IC3699	D-4	Q3307	E-2	Q3801	B-2
IC3801	B-2	Q3308	B-4	Q3802	C-2
IC3802	B-3	Q3309	E-2	Q3803	B-2
IC3803	D-2	Q3351	A-2	Q3805	B-3
IC3804	C-4	Q3352	C-2	Q3806	C-2
IC3805	C-4	Q3353	B-2	Q3807	C-2
IC3806	C-4	Q3354	C-2	Q3812	B-4
IC3809	B-3	Q3355	C-2	Q3813	B-4
		Q3356	A-2	Q3815	B-4
		Q3357	B-2	TP	
		Q3358	B-2	TPHB	B-5
		Q3369	B-2	TPHH	B-4
		Q3501	A-4	TPHR	B-5
		Q3502	A-4	TPHV	B-4
		Q3503	B-4	TPHY	A-4

TNPA2248
SEE REVERSE FOR ORDERNO.
HZ ②



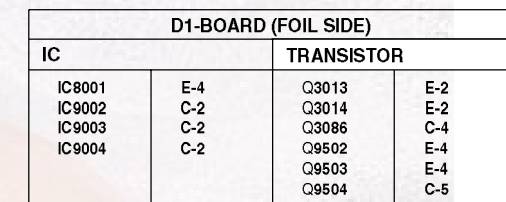
HZ-BOARD (FOIL SIDE)			
IC		TRANSISTOR	
IC3699	B-4	Q3302	B-2
		Q3306	A-2
		Q3804	B-2
		Q3808	C-3
		Q3809	C-2
		Q3810	C-2
		Q3814	C-4
		Q3816	C-4
		Q3817	C-3

HZ-BOARD(COMPONENT SIDE)
TXNHZ40JJS

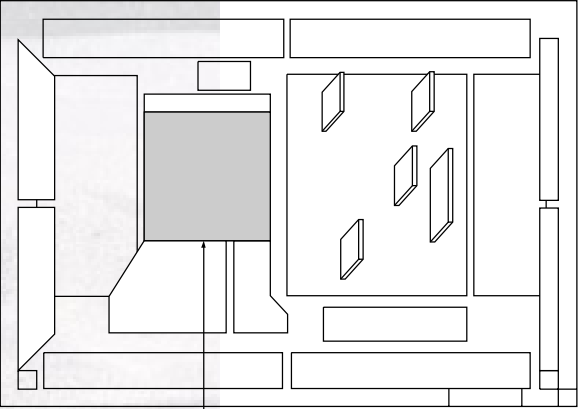
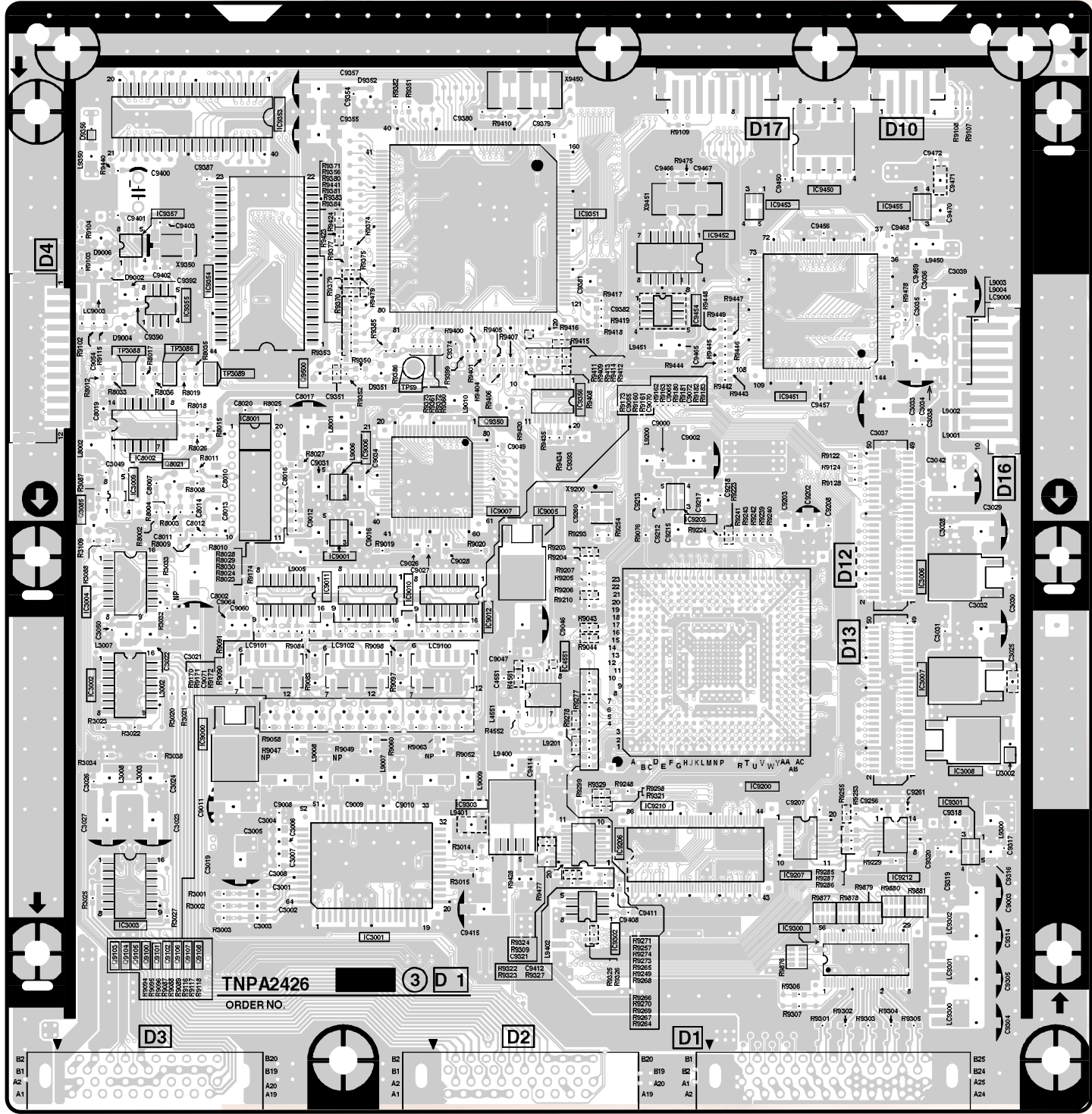


HZ-BOARD (COMPONENT SIDE)					
IC		TRANSISTOR			
IC3301	E-2	Q3301	D-2	Q3507	A-4
IC3301	E-2	Q3303	D-2	Q3508	B-4
IC3302	D-2	Q3304	E-2	Q3509	B-4
IC3303	B-4	Q3305	E-2	Q3510	B-5
IC3501	D-4	Q3307	D-2	Q3801	B-2
IC3699	D-4	Q3308	B-4	Q3802	C-2
IC3801	B-2	Q3309	D-2	Q3803	B-2
IC3802	B-3	Q3351	A-2	Q3805	B-3
IC3803	D-3	Q3352	C-2	Q3806	C-2
IC3804	C-4	Q3353	B-2	Q3807	C-2
IC3805	C-4	Q3354	C-2	Q3812	B-4
IC3806	C-4	Q3355	C-2	Q3813	B-4
IC3809	B-3	Q3356	A-2	Q3815	B-4
		Q3357	B-2	TP	
		Q3358	B-2	TPHB1	B-5
		Q3359	B-2	TPHH1	B-4
		Q3501	A-4	TPHR1	B-5
		Q3502	A-4	TPHV1	B-4
		Q3503	B-4	TPHY1	A-4

6



D1-BOARD(COMPONENT SIDE)
TZTNP01LLSB



Parts Location

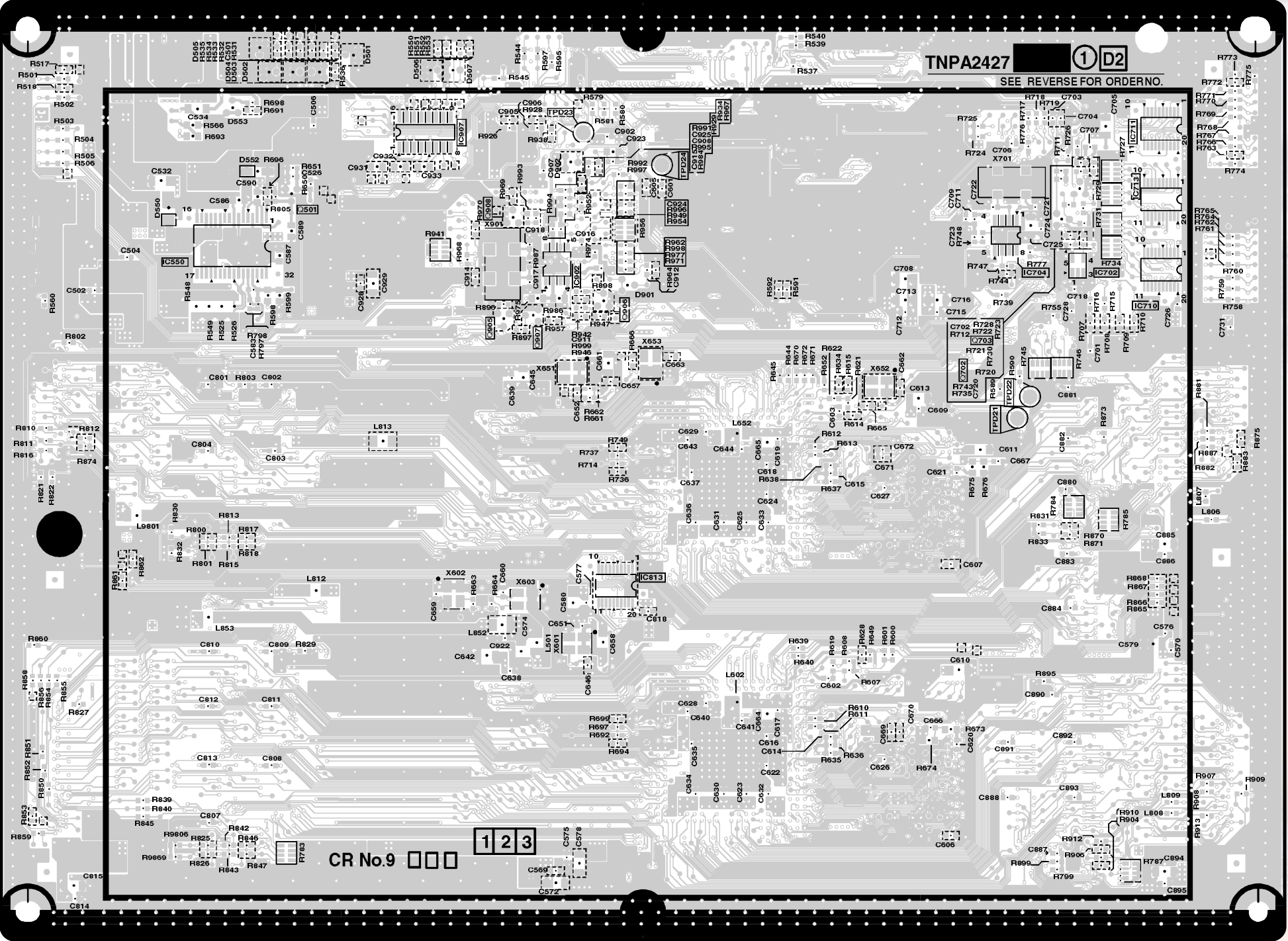
D1-BOARD (COMPONENT SIDE)			
IC		TRANSISTOR	
		Q3085	A-4
IC3001	B-2	Q8021	A-4
IC3002	A-3	Q9100	A-1
IC3003	A-2	Q9101	A-1
IC3004	A-3	Q9103	A-1
IC3006	E-3	Q9104	A-1
IC3007	E-3	Q9105	A-1
IC3008	E-2	Q9106	A-1
IC3009	A-4	Q9107	B-1
IC4551	C-3	Q9108	B-1
IC8001	B-4	Q9350	C-4
IC8002	A-4	Q9500	B-4
IC9000	B-2	TP	
IC9001	B-3	TP3086	A-4
IC9005	C-3	TP3088	A-4
IC9006	B-4	TP3089	B-4
IC9007	C-4	TP59	C-4
IC9010	C-3		
IC9011	B-3		
IC9012	C-3		
IC9200	D-2		
IC9203	D-3		
IC9206	D-2		
IC9207	D-2		
IC9210	D-2		
IC9212	E-2		
IC9300	D-2		
IC9301	E-2		
IC9303	C-2		
IC9303	D-2		
IC9351	C-5		
IC9353	B-5		
IC9354	B-5		
IC9355	B-4		
IC9356	C-4		
IC9357	A-5		
IC9450	D-5		
IC9451	D-4		
IC9452	D-5		
IC9453	D-5		
IC9454	D-4		
IC9455	E-5		

TH-42PHD5/TH-42PHW5
D1-BOARD TZTNP01LLSB

TH-42PHD5/TH-42PHW5
D1-BOARD TZTNP01LLSB

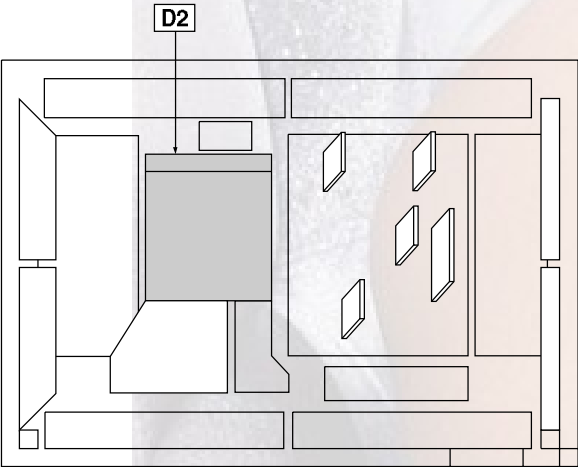
13.8. D2-Board

D2-BOARD (FOIL SIDE)
TNPA2427



TH-42PHD5/TH-42PHW5
D2-BOARD TNPA2427

TH-42PHD5/TH-42PHW5
D2-BOARD TNPA2427



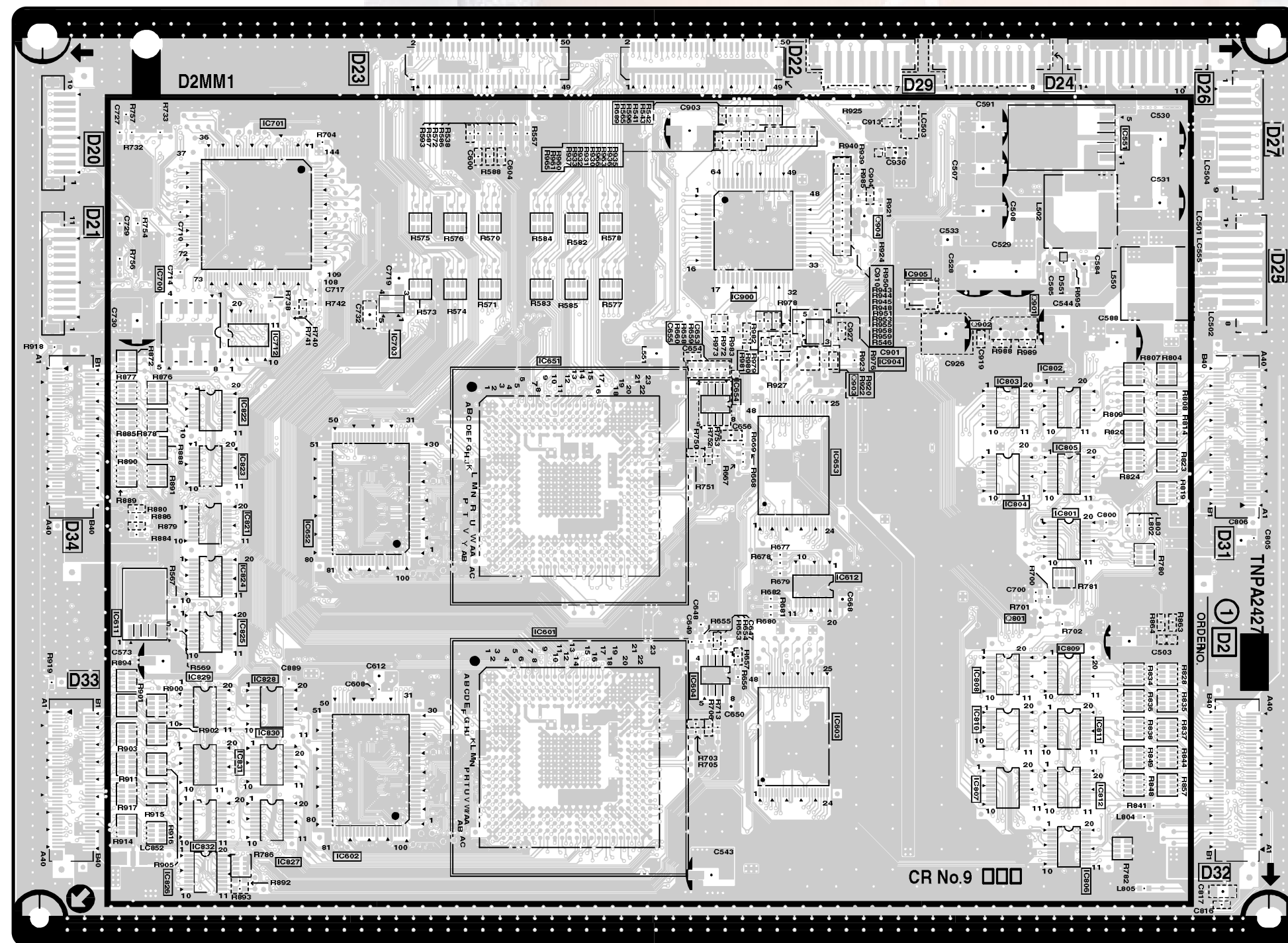
Parts Location

D2-BOARD (FOIL SIDE)					
IC		TRANSISTOR		TP	
IC9550	B-4	Q9501	B-5	TPD21	F-3
IC9702	G-4	Q9702	F-4	TPD22	F-4
IC9704	F-4	Q9703	F-4	TPD23	D-5
IC9710	G-4	Q9905	C-4	TPD24	D-5
IC9711	G-5	Q9906	D-4		
IC9713	G-5	Q9907	D-4		
IC9813	D-3	Q9908	C-5		
IC9902	D-4				
IC9907	C-5				

Parts Location

D2-BOARD (COMPONENT SIDE)					
IC		IC9806	F-1	TRANSISTOR	
IC9551	G-5	IC9807	F-2	Q9801	F-2
IC9601	D-2	IC9808	F-2	Q9901	F-4
IC9602	C-1	IC9809	F-2	Q9902	F-4
IC9603	E-2	IC9810	F-2	Q9903	E-4
IC9604	D-2	IC9811	F-2	Q9904	E-5
IC9611	A-2	IC9812	F-2		
IC9612	E-3	IC9821	B-3		
IC9651	D-4	IC9822	B-4		
IC9652	B-3	IC9823	B-3		
IC9653	E-3	IC9824	B-3		
IC9654	E-4	IC9825	B-2		
IC9700	B-4	IC9826	B-1		
IC9701	B-4	IC9827	B-1		
IC9703	C-4	IC9828	B-2		
IC9712	B-4	IC9829	B-2		
IC9801	F-3	IC9830	B-2		
IC9802	F-4	IC9831	B-2		
IC9803	F-4	IC9832	B-1		
IC9804	F-3	IC9900	E-4		
IC9805	F-3	IC9904	E-4		
		IC9905	E-4		

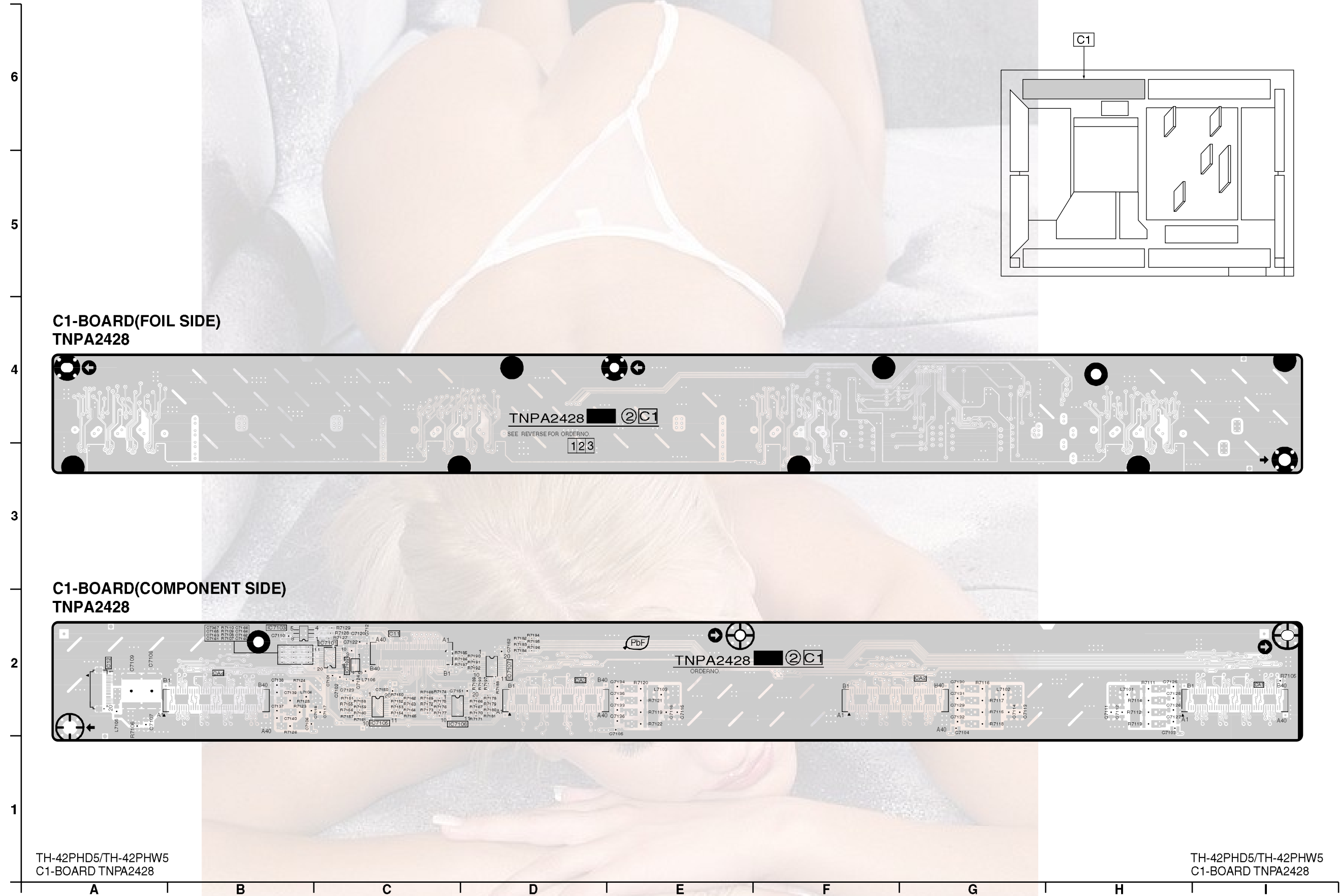
D2-BOARD (COMPONENT SIDE)
TNPA2427



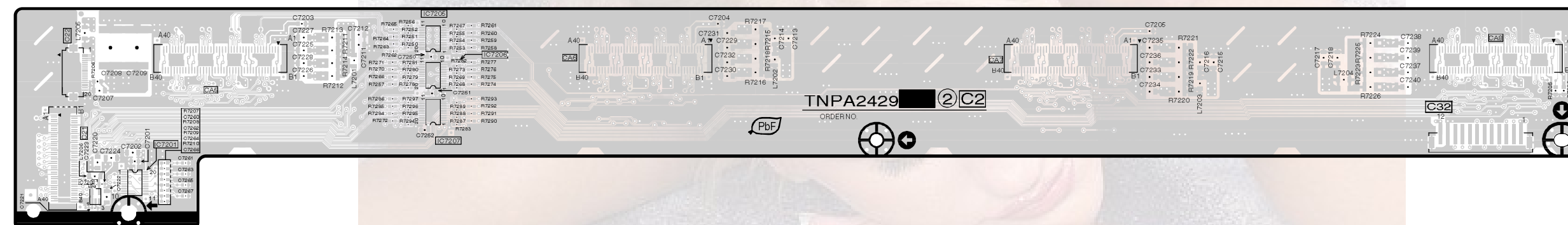
**TH-42PHD5/TH-42PHW5
D2-BOARD TNPA2427**

**TH-42PHD5/TH-42PHW5
D2-BOARD TNPA2427**

13.9. C1-Board

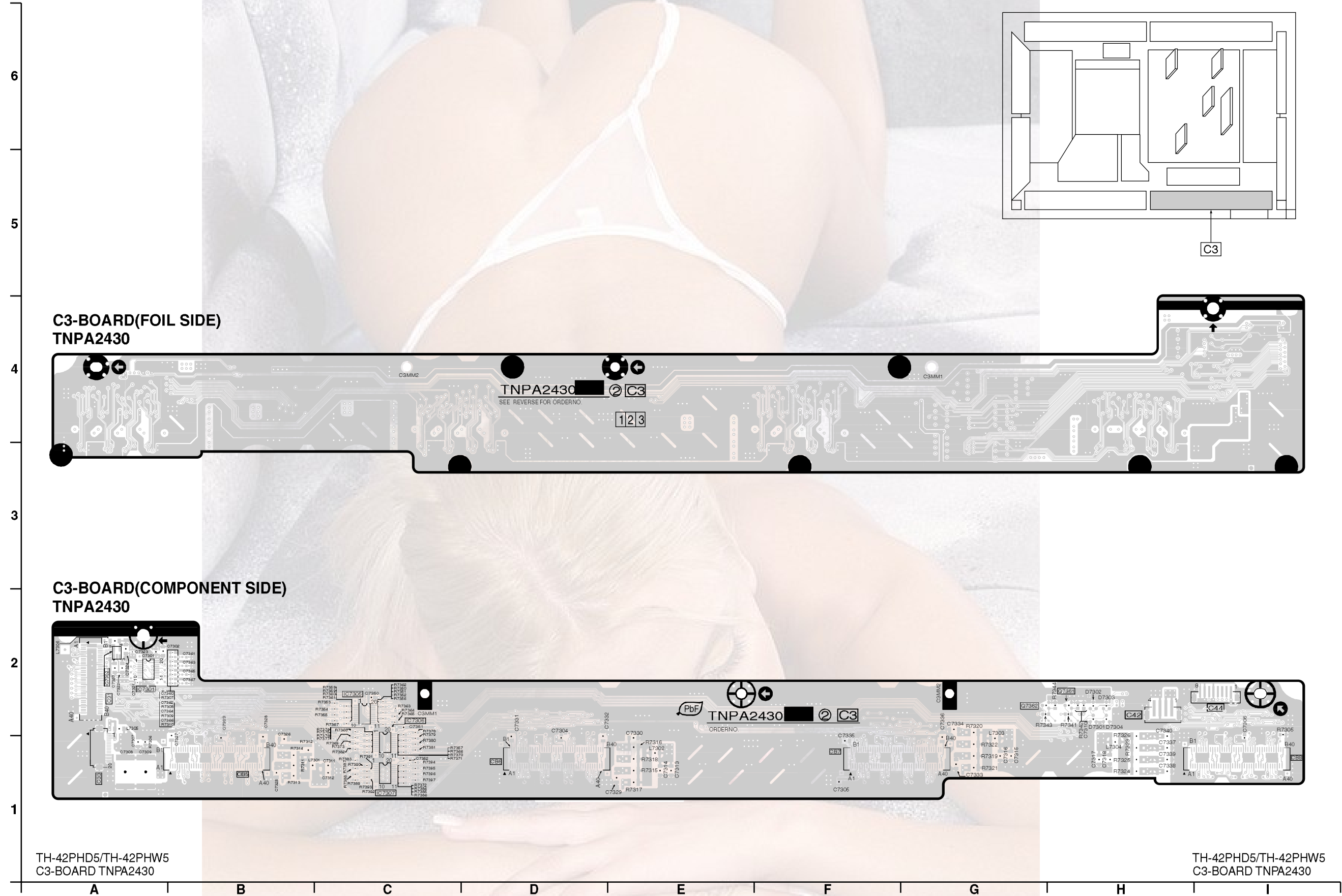


C2-BOARD(COMPONENT SIDE)
TNPA2429

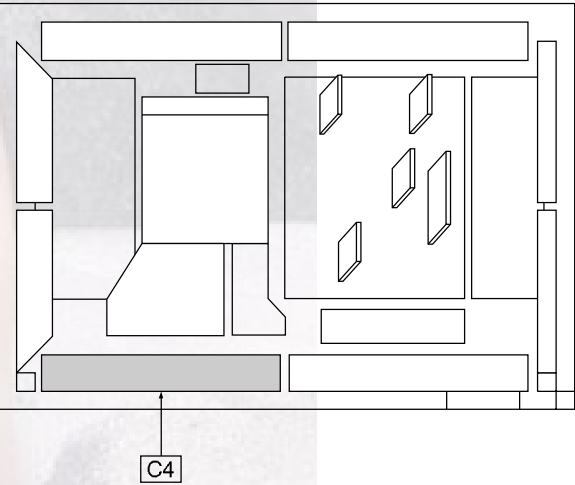


TH-42PHD5/TH-42PHW5
C2-BOARD TNPA2429

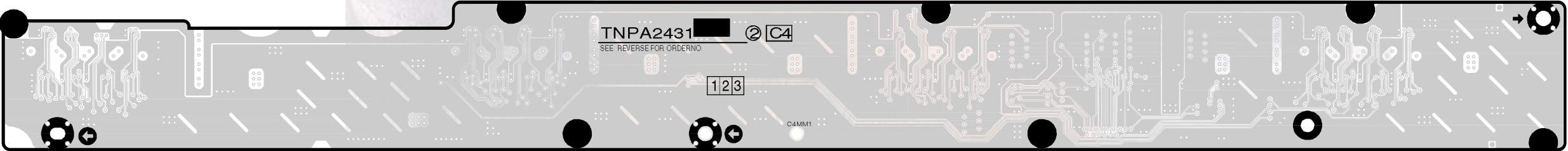
13.11. C3-Board



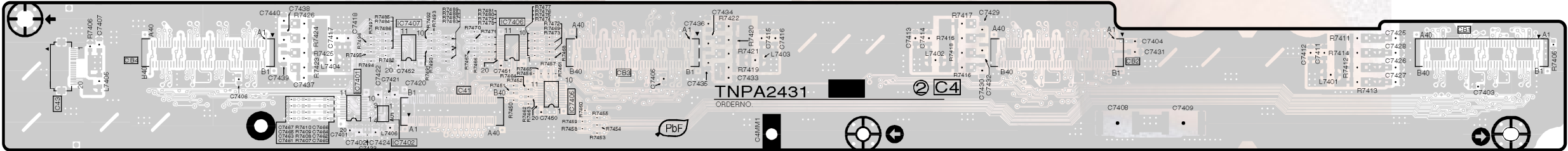
13.12. C4-Board



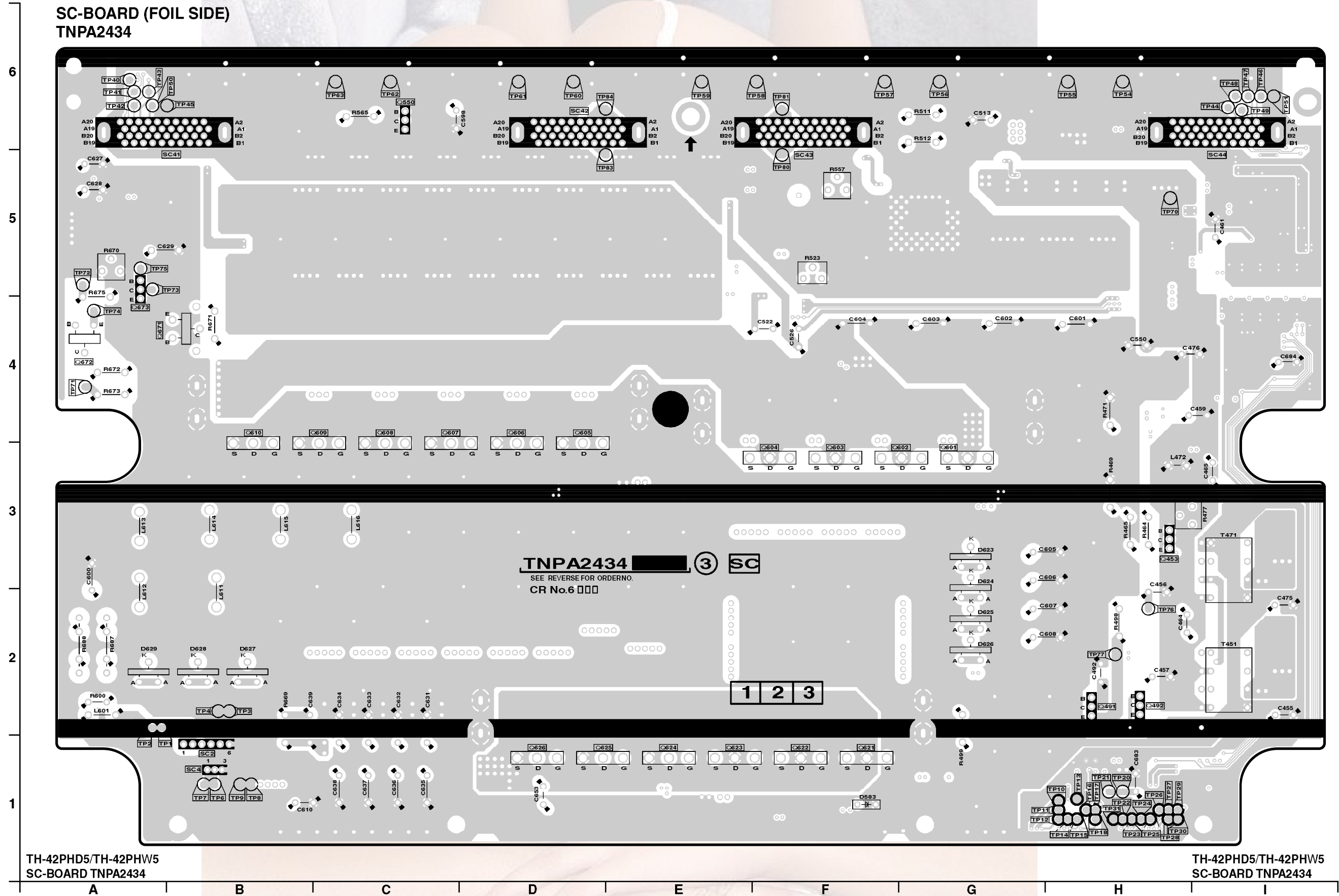
C4-BOARD(FOIL SIDE)
TNPA2431

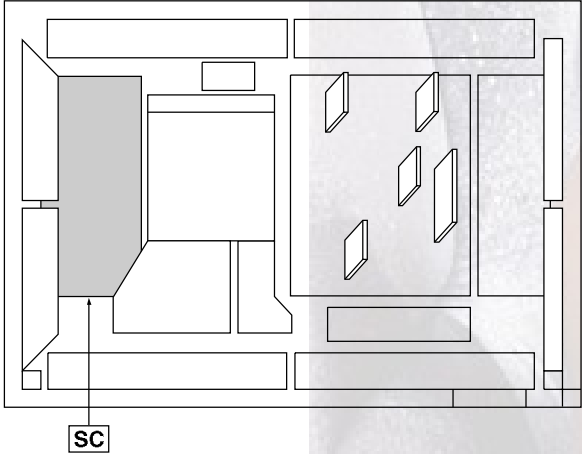


C4-BOARD(COMPONENT SIDE)
TNPA2431



13.13. SC-Board





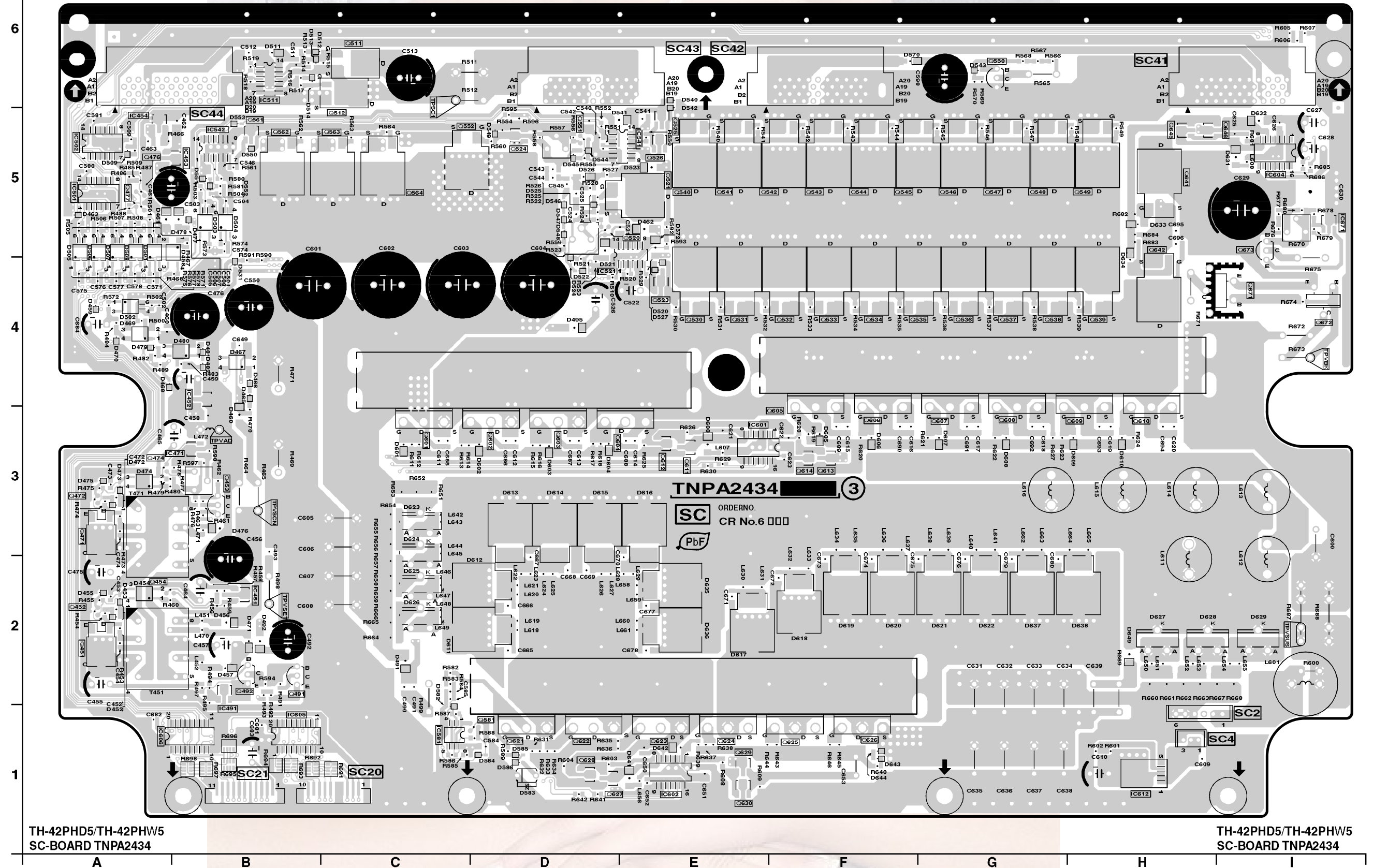
Parts Location

SC-BOARD (FOIL SIDE)					
TRANSISTOR		TP			
Q6453	H-3	TP1	A-1	TP41	A-6
Q6491	H-2	TP2	A-2	TP42	A-6
Q6492	H-2	TP3	B-2	TP43	A-6
Q6550	C-6	TP4	B-2	TP44	I-6
Q6601	G-4	TP6	B-1	TP45	A-6
Q6602	G-4	TP7	B-1	TP46	I-6
Q6603	F-3	TP8	B-1	TP47	I-6
Q6604	F-3	TP9	B-1	TP48	I-6
Q6605	D-5	TP10	H-1	TP49	I-6
Q6606	D-4	TP11	H-1	TP50	A-6
Q6607	C-4	TP12	H-1	TP51	I-6
Q6608	C-4	TP13	H-1	TP54	H-6
Q6609	C-4	TP14	H-1	TP55	H-6
Q6610	B-4	TP15	H-1	TP56	G-6
Q6621	F-1	TP16	H-1	TP57	F-6
Q6622	F-1	TP17	H-1	TP58	F-6
Q6623	E-1	TP18	H-1	TP59	E-6
Q6624	E-1	TP20	H-1	TP60	D-6
Q6625	D-1	TP21	H-1	TP61	D-6
Q6626	D-1	TP22	H-1	TP62	C-6
Q6671	A-4	TP23	H-1	TP63	C-6
Q6672	A-4	TP24	H-1	TP70	H-5
Q6673	A-4	TP25	H-1	TP71	A-4
		TP26	H-1	TP72	A-5
		TP27	H-1	TP74	A-4
		TP28	H-1	TP75	A-5
		TP29	H-1	TP76	A-5
		TP30	H-1	TP77	H-2
		TP31	H-1	TP80	H-2
		TP40	A-6	TP81	F-5
				TP83	F-6
				TP84	D-6
					D-6

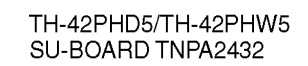
Parts Location

SC-BOARD (COMPONENT SIDE)							
IC		TRANSISTOR					
IC6451	B-2	Q6451	A-2	Q6540	E-5	Q6621	D-1
IC6452	B-4	Q6452	A-2	Q6541	E-5	Q6622	D-1
IC6453	B-5	Q6453	B-3	Q6542	F-5	Q6623	E-1
IC6454	A-5	Q6454	A-2	Q6543	F-5	Q6624	E-1
IC6471	A-3	Q6471	A-3	Q6544	F-5	Q6625	F-1
IC6491	B-1	Q6472	A-3	Q6545	F-5	Q6626	F-1
IC6501	A-5	Q6474	A-3	Q6546	G-5	Q6627	D-1
IC6502	A-5	Q6476	A-5	Q6547	G-5	Q6628	D-1
IC6511	B-6	Q6477	A-5	Q6548	G-5	Q6629	E-1
IC6521	D-4	Q6491	B-2	Q6549	H-5	Q6630	E-1
IC6541	E-5	Q6492	B-2	Q6550	G-6	Q6641	H-5
IC6542	B-5	Q6511	C-6	Q6551	D-5	Q6642	H-5
IC6581	C-1	Q6512	C-5	Q6552	C-5	Q6645	H-5
IC6601	E-3	Q6520	E-5	Q6561	B-5	Q6646	I-5
IC6602	E-1	Q6521	E-5	Q6562	B-5	Q6671	I-4
IC6604	I-5	Q6523	E-4	Q6563	C-5	Q6672	I-4
IC6605	B-1	Q6524	D-5	Q6564	C-5	Q6673	I-5
IC6606	A-1	Q6525	E-5	Q6581	D-1	TP	
IC6612	H-1	Q6526	E-5	Q6601	C-3		
IC6671	I-5	Q6530	E-4	Q6602	D-3	TPSC1	C-6
		Q6531	E-4	Q6603	D-3	TPSVSUS	I-2
		Q6532	F-4	Q6604	D-3	TPVAD	B-3
		Q6533	F-4	Q6605	F-3	TPVBK	I-4
		Q6534	F-4	Q6606	F-3	TPVSCN	B-3
		Q6535	G-4	Q6607	G-3	TPVSET	B-2
		Q6536	G-4	Q6608	G-3		
		Q6537	G-4	Q6609	H-3		
		Q6538	G-4	Q6610	H-3		
		Q6539	H-4	Q6611	E-3		
				Q6612	E-3		
				Q6613	F-3		
				Q6614	F-3		

SC-BOARD (COMPONENT SIDE) TNPA2434

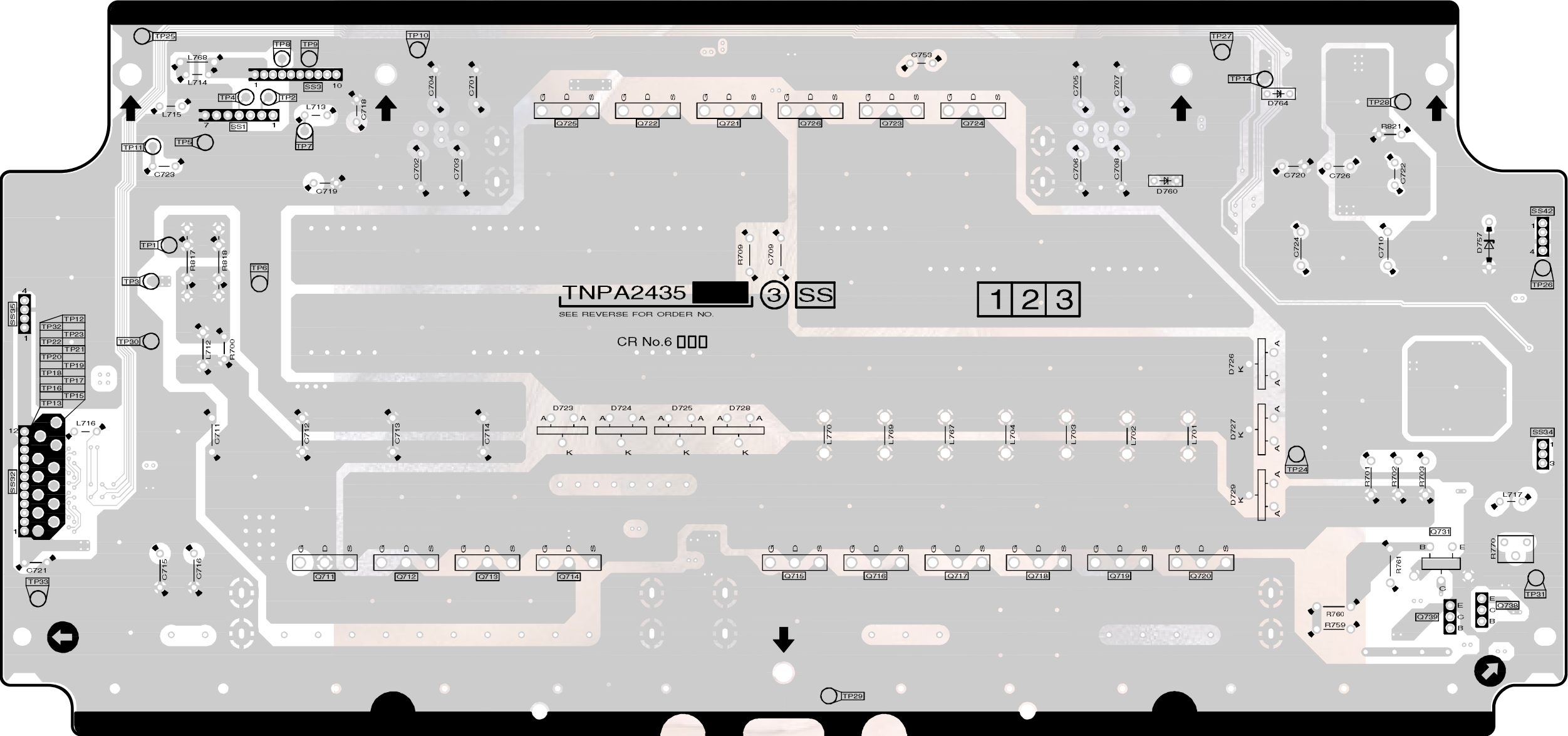


13.14. SU-Board



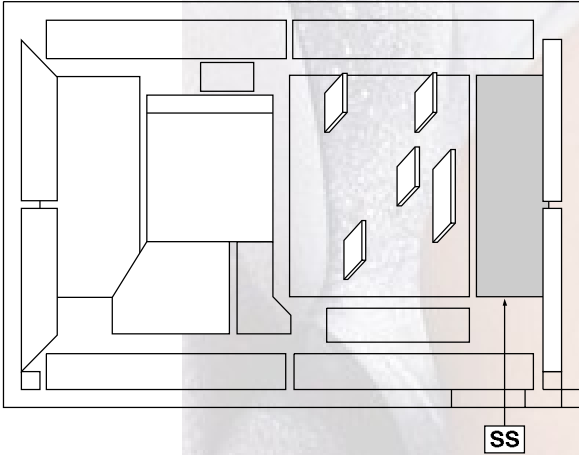
13.16. SS-Board

SS-BOARD (FOIL SIDE)
TNPA2435



TH-42PHD5/TH-42PHW5
SS-BOARD TNPA2435

TH-42PHD5/TH-42PHW5
SS-BOARD TNPA2435



Parts Location

SS-BOARD (FOIL SIDE)					
TRANSISTOR		TP		TP19	A-3
Q6711	C-2	TP1	B-3	TP20	A-3
Q6712	C-2	TP2	B-4	TP21	A-3
Q6713	C-2	TP3	B-3	TP22	A-3
Q6714	D-2	TP4	B-4	TP23	A-3
Q6715	E-2	TP5	B-4	TP24	H-2
Q6717	F-2	TP6	B-3	TP25	B-4
Q6718	F-2	TP7	B-4	TP26	I-3
Q6719	G-2	TP8	B-4	TP27	G-4
Q6720	G-2	TP9	B-4	TP28	H-4
Q6721	E-4	TP10	C-4	TP29	E-1
Q6722	D-4	TP11	B-4	TP30	B-3
Q6723	F-4	TP12	A-3	TP31	I-2
Q6724	F-4	TP13	A-3	TP32	A-3
Q6725	D-4	TP14	H-4	TP33	A-2
Q6726	E-4	TP15	A-3		
Q6731	I-2	TP16	A-3		
Q6738	I-1	TP17	A-3		
Q6739	I-1	TP18	A-3		

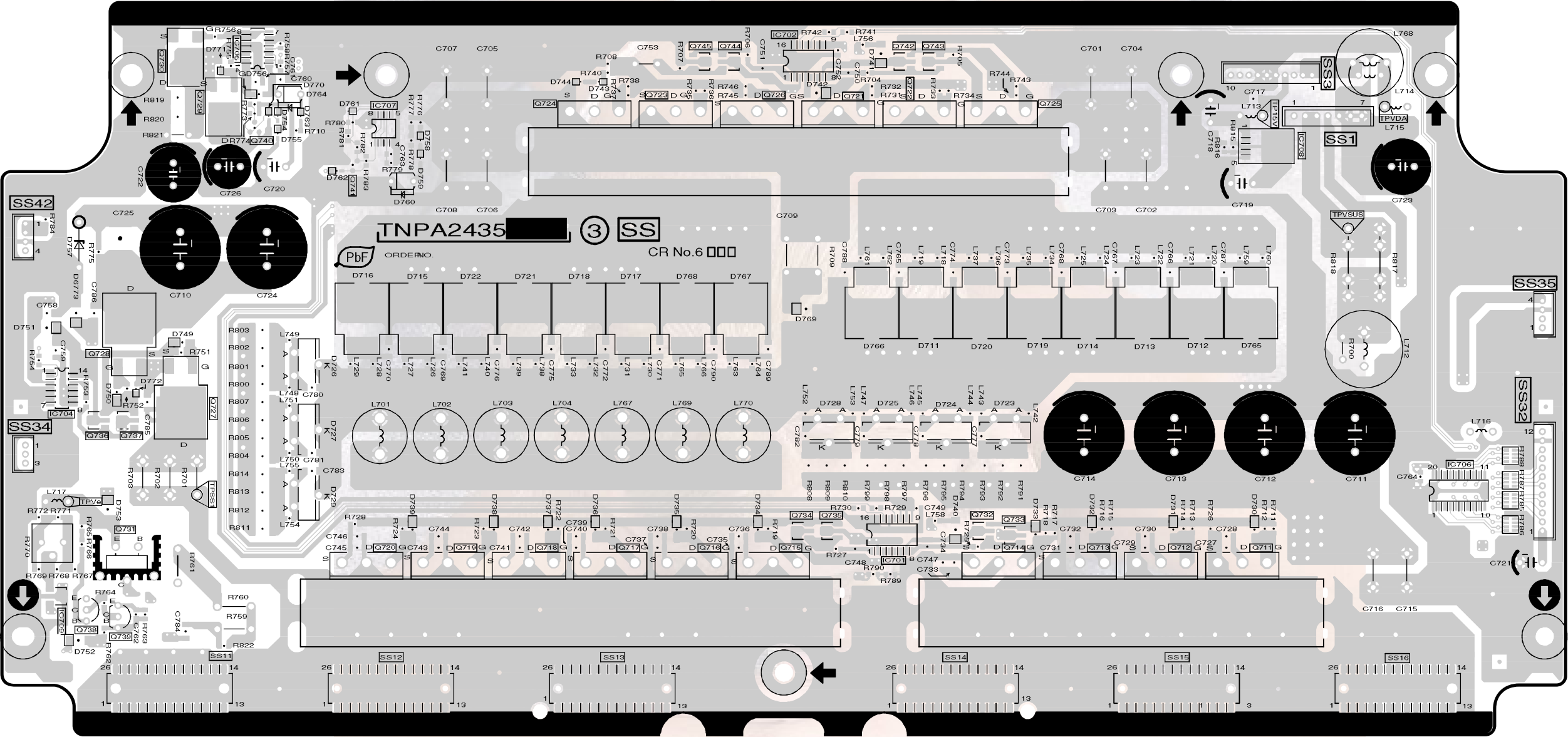
TH-42PHD5/TH-42PHW5
SS-BOARD PARTS LOCATION

Parts Location

SS-BOARD (COMPONENT SIDE)					
IC		TRANSISTOR		Q6732	F-2
IC6701	E-4	Q6711	H-2	Q6733	F-2
IC6702	E-4	Q6712	G-2	Q6734	E-2
IC6704	A-3	Q6713	G-2	Q6735	E-2
IC6705	B-4	Q6714	F-2	Q6736	A-2
IC6706	I-2	Q6715	E-2	Q6737	A-2
IC6707	C-4	Q6716	E-2	Q6738	A-1
IC6708	H-4	Q6717	D-2	Q6739	A-1
IC6709	A-1	Q6718	D-2	Q6740	B-4
		Q6719	C-2	Q6741	C-4
		Q6720	C-2	Q6742	F-4
		Q6721	E-4	Q6743	F-4
		Q6722	F-4	Q6744	E-4
		Q6723	D-4	Q6745	E-4
		Q6724	D-4	TP	
		Q6725	G-4	TP15V	H-4
		Q6726	E-4	TPSS1	B-2
		Q6727	B-3	TPVDA	H-4
		Q6728	A-3	TPVe	A-2
		Q6729	B-4		
		Q6730	B-4		
		Q6731	A-2		

TH-42PHD5/TH-42PHW5
SS-BOARD PARTS LOCATION

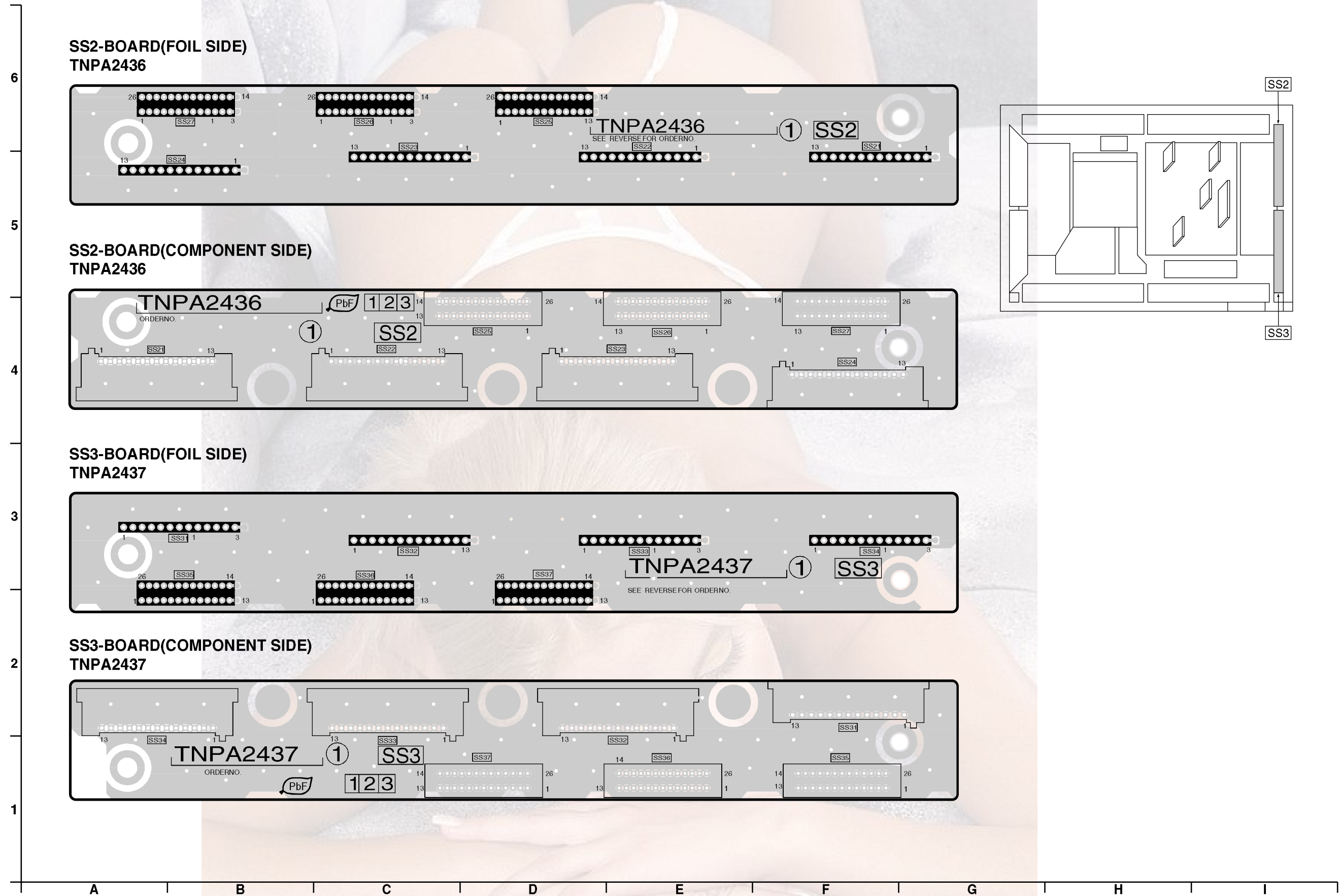
SS-BRD (COMPONENT SIDE)
TNPA2435



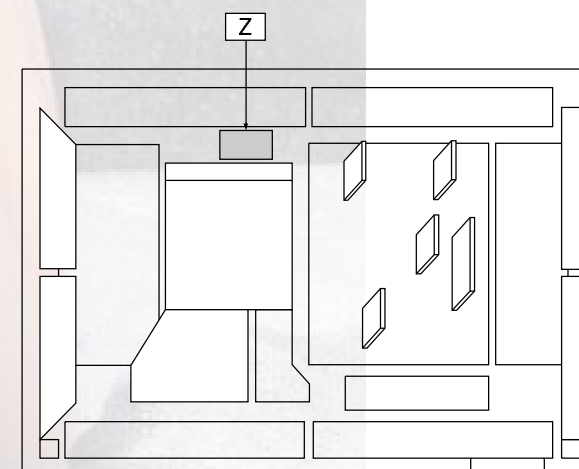
TH-42PHD5/TH-42PHW5
SS-BRD TNPA2435

TH-42PHD5/TH-42PHW5
SS-BRD TNPA2435

13.17. SS2 and SS3-Board



6



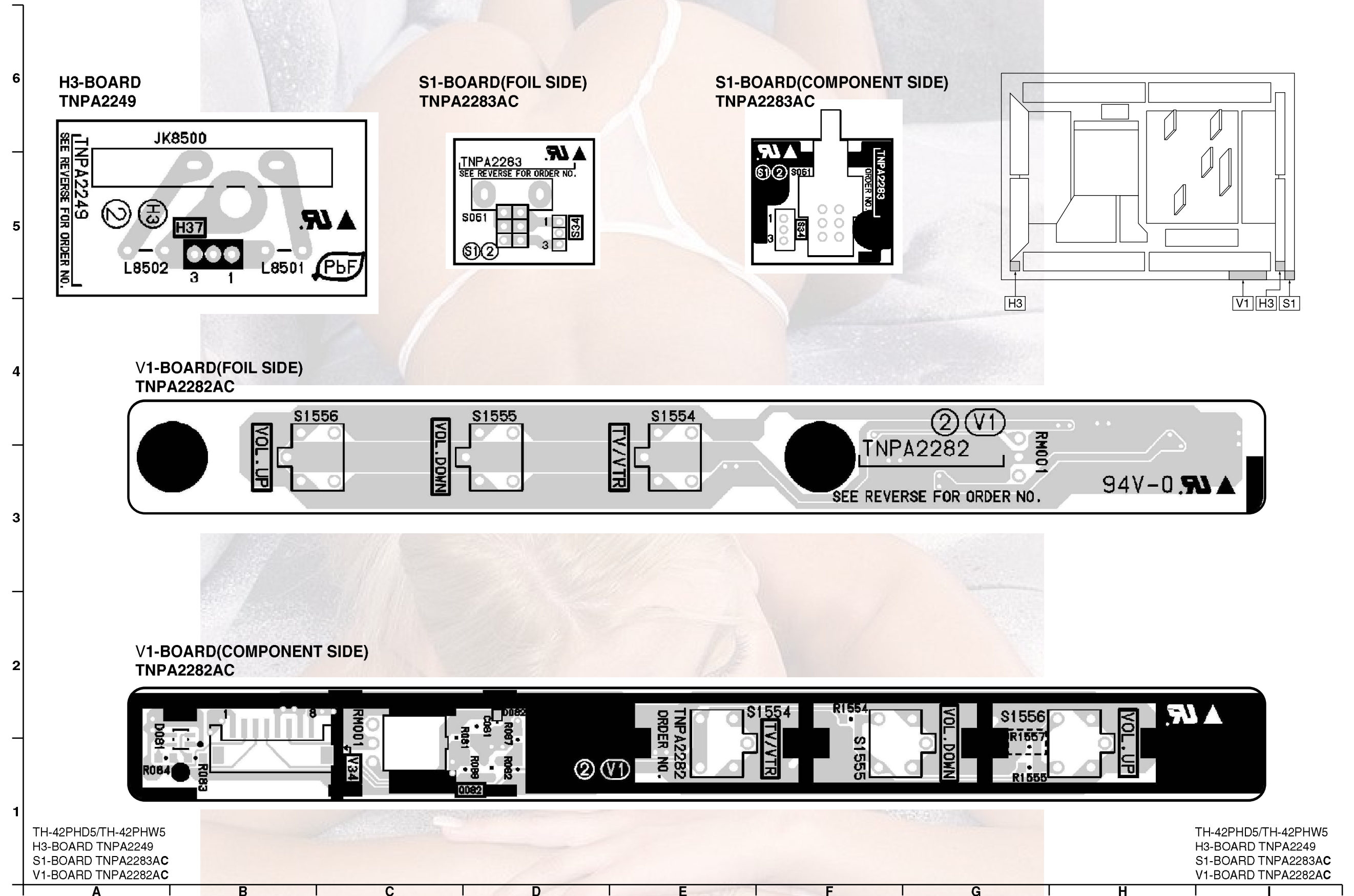
3



1

Z-BRAND TIFA2443								Z-BRAND TIFA2443
A	B	C	D	E	F	G	H	

13.19. H3, S1 and V1-Board





14 Block and Schematic Diagrams

14.1. Schematic Diagram Notes

Important Safety Notice

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

Notes:

1. Resistor

All resistors are cabon 1/4W resistor, unless marked as follows:
Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).

- | | |
|---------------------------|---------------------------|
| $\bigcirc$: Nonflammable | $\boxtimes$: Metal Oxide |
| $\triangle$: Solid | $\odot$: Metal Film |
| $\boxplus$: Wire Wound | $\otimes$: Fuse: |

2. Capacitor

All capacitors are ceramic 50V capacitor, unless marked as follows:
Unit of capacitance is μ F, unless otherwise noted.

- | | |
|---|---|
| $\otimes$: Temperature Compensation | $\begin{smallmatrix} + \\ \text{H} \end{smallmatrix}$: Electrolytic |
| $\textcircled{M}$: Polyester | $\begin{smallmatrix} \text{NP} \\ \text{H} \end{smallmatrix}$: Bipolar |
| $\textcircled{m}$: Metalized Polyester | $\textcircled{1}$: Dipped Tantalum |
| $\boxtimes$: Polypropylene | $\textcircled{Z}$: Z-Type |

3. Coil

Unit of inductance is μ F, unless otherwise noted.

4. Test Point

- $\bigcirc$: Test Point position

5. Earth Symbol

- | | |
|-----------------------------------|---------------------------------|
| ⏏ : Chassis Earth (Cold) | $\downarrow$: Line Earth (Hot) |
|-----------------------------------|---------------------------------|

6. Voltage Measurement

Voltage is measured by a DC voltmeter.

Conditions of the measurement are the following:

Power Source	AC 120V, 50/60Hz (UY/UZ VERSION model)/ AC220-240V, 50/60Hz (Except UY/UZ VERSION)
Receiving Signal	Colour Bar signal (RF)
All customer's controls	Maximum positions

7. Number in red circle indicates waveform number.

(See waveform pattern table.)

8. When arrow mark ($\nearrow$) is found, connection is easily found from the direction of arrow

9. Indicates the major signal flow. : Video $\Rightarrow$ Audio $\Leftrightarrow$

10. This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks:

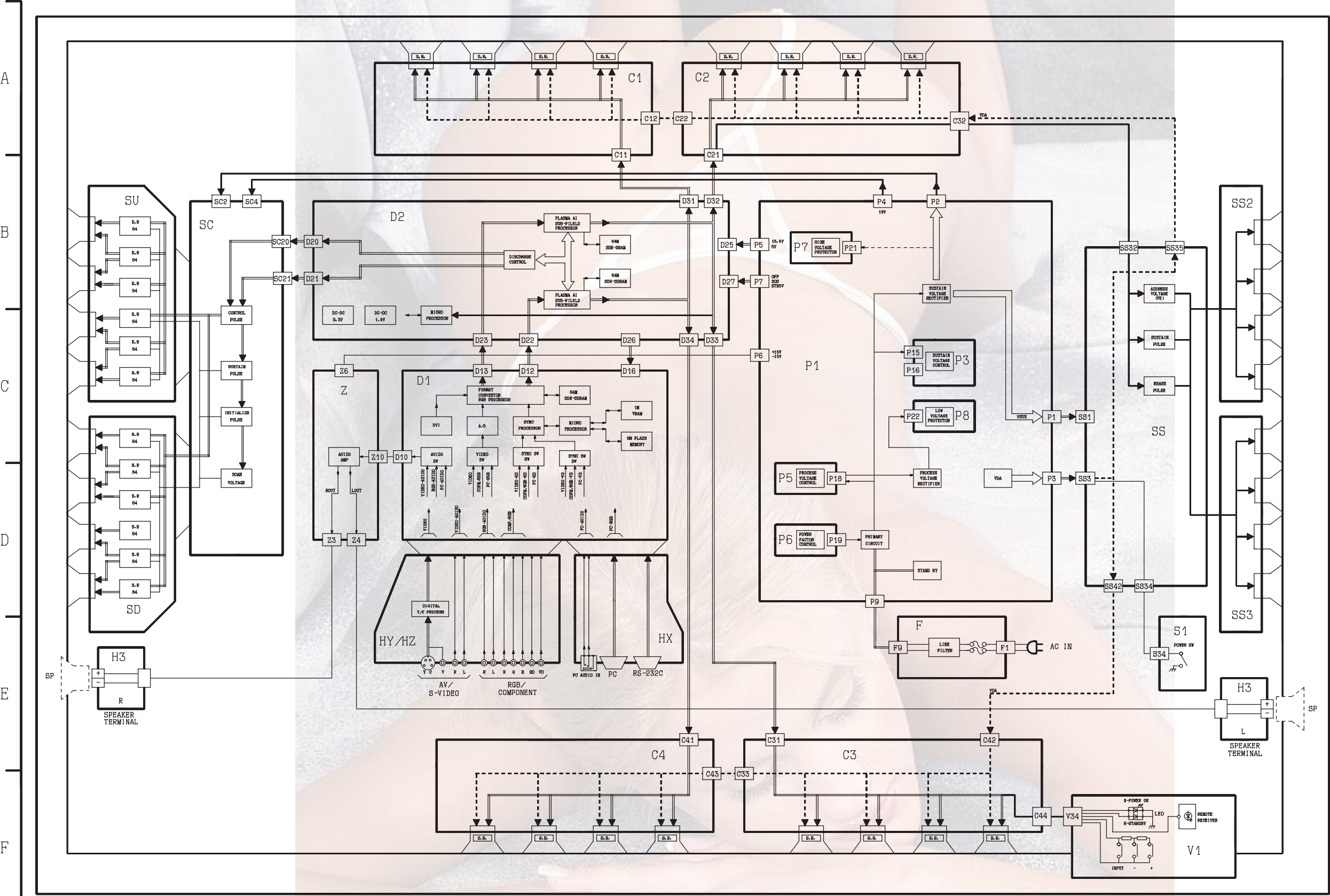
1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.

All circuits, except the Power Circuit, are cold.

Precautions

- Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
 - Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
 - 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.
 - Make sure to disconnect the power plug before removing the chassis.
2. Following diodes are interchangeable.
MA150- MA162 (Replacement part)

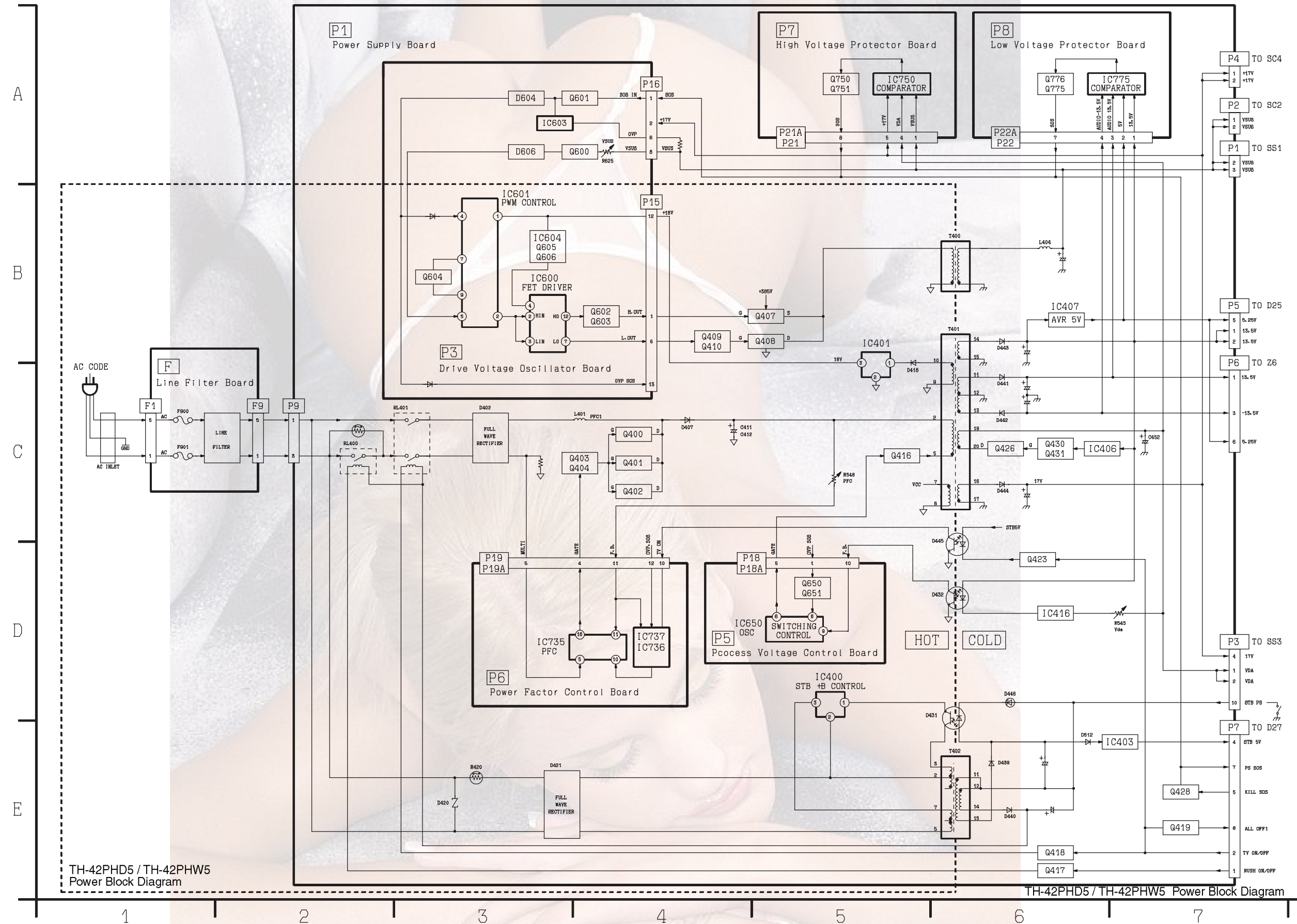
14.2. Main Block Diagram



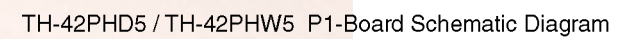
TH-42PHD5 / TH-42PHW5 Main Block Diagram

TH-42PHD5 / TH-42PHW5 Main Block Diagram

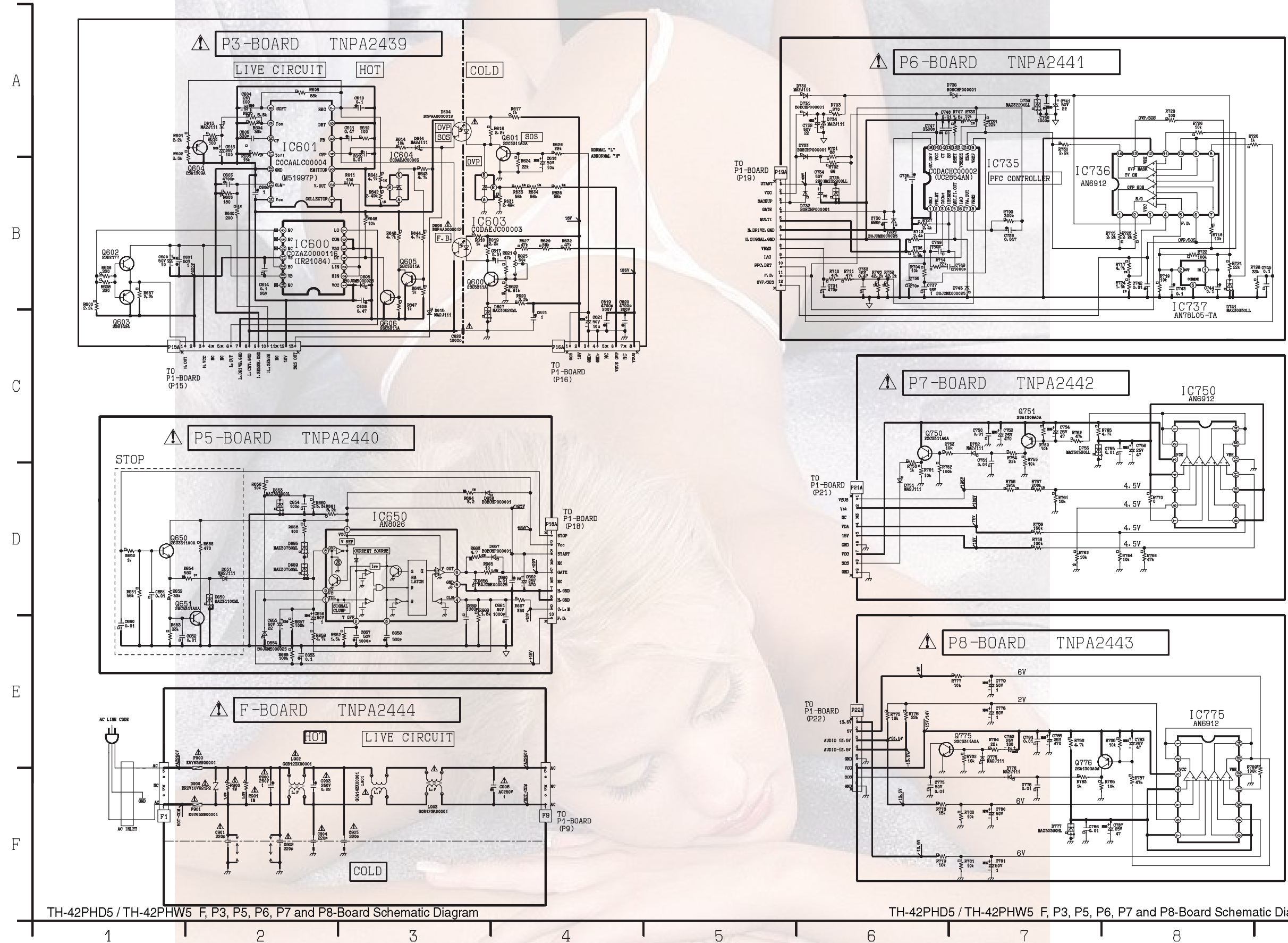
14.3. Power Block Diagram

TH-42PHD5 / TH-42PHW5
Power Block Diagram

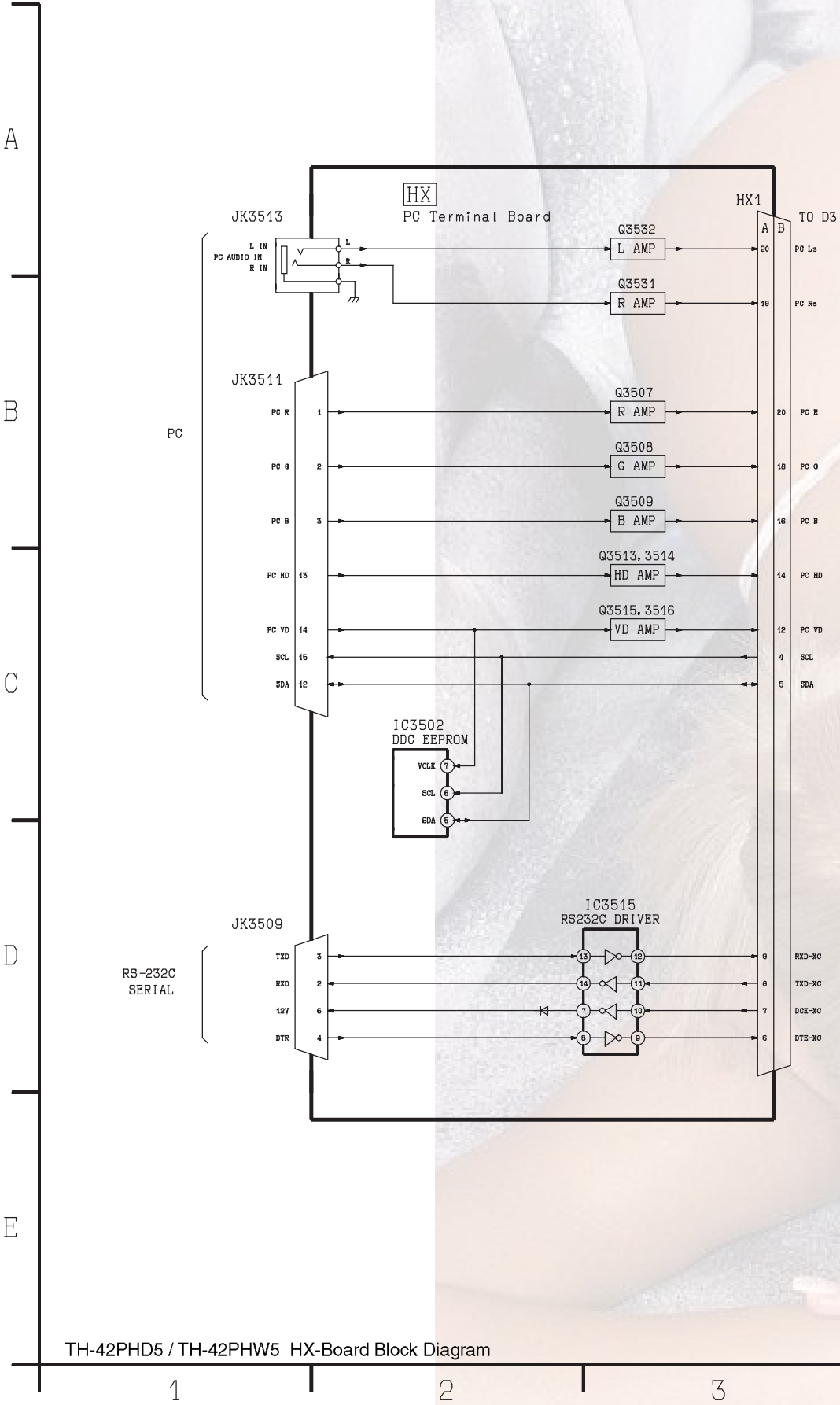
TH-42PHD5 / TH-42PHW5 Power Block Diagram



14.5. F, P3, P5, P6, P7 and P8-Board Schematic Diagram



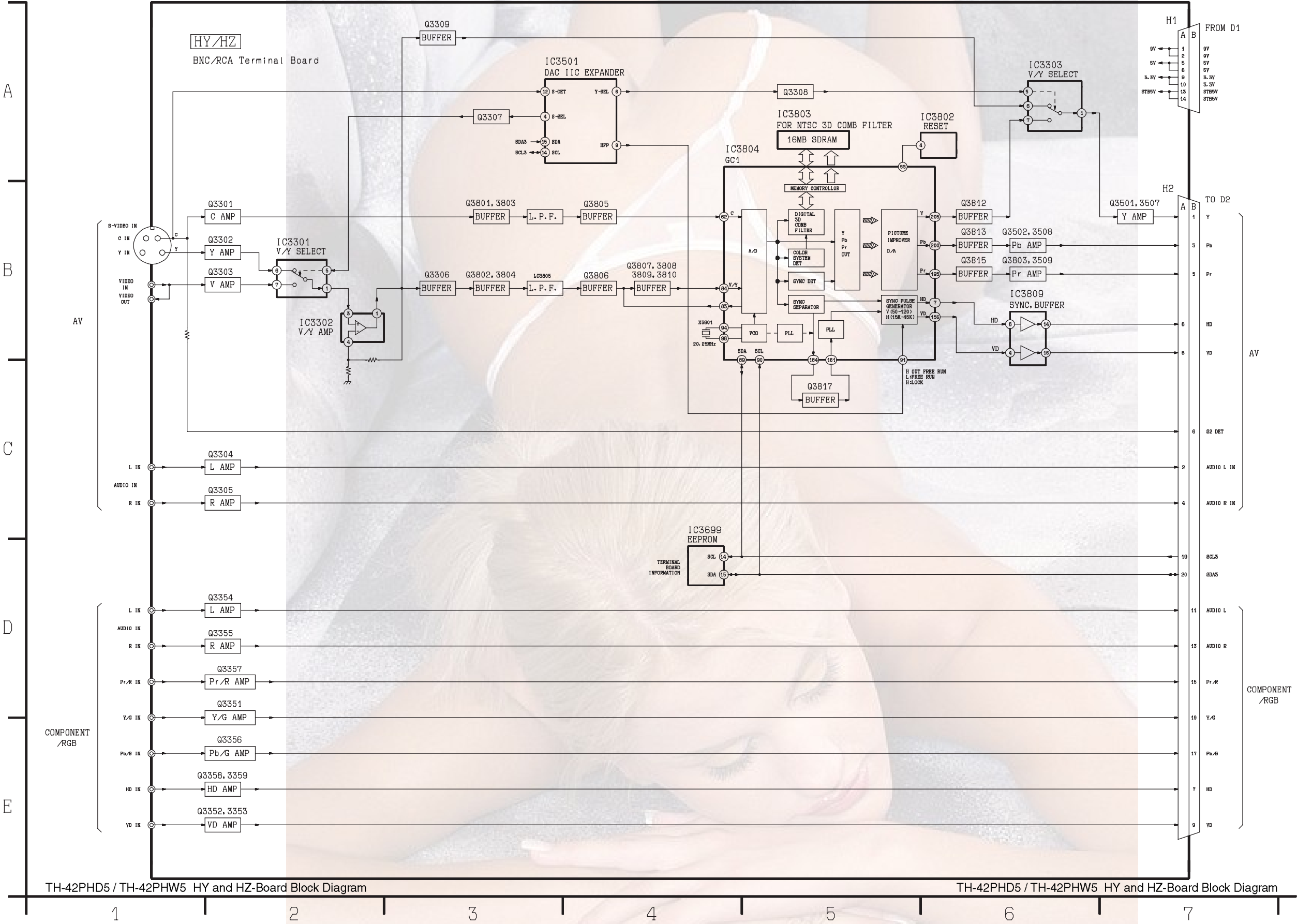
14.6. HX-Board Block Diagram



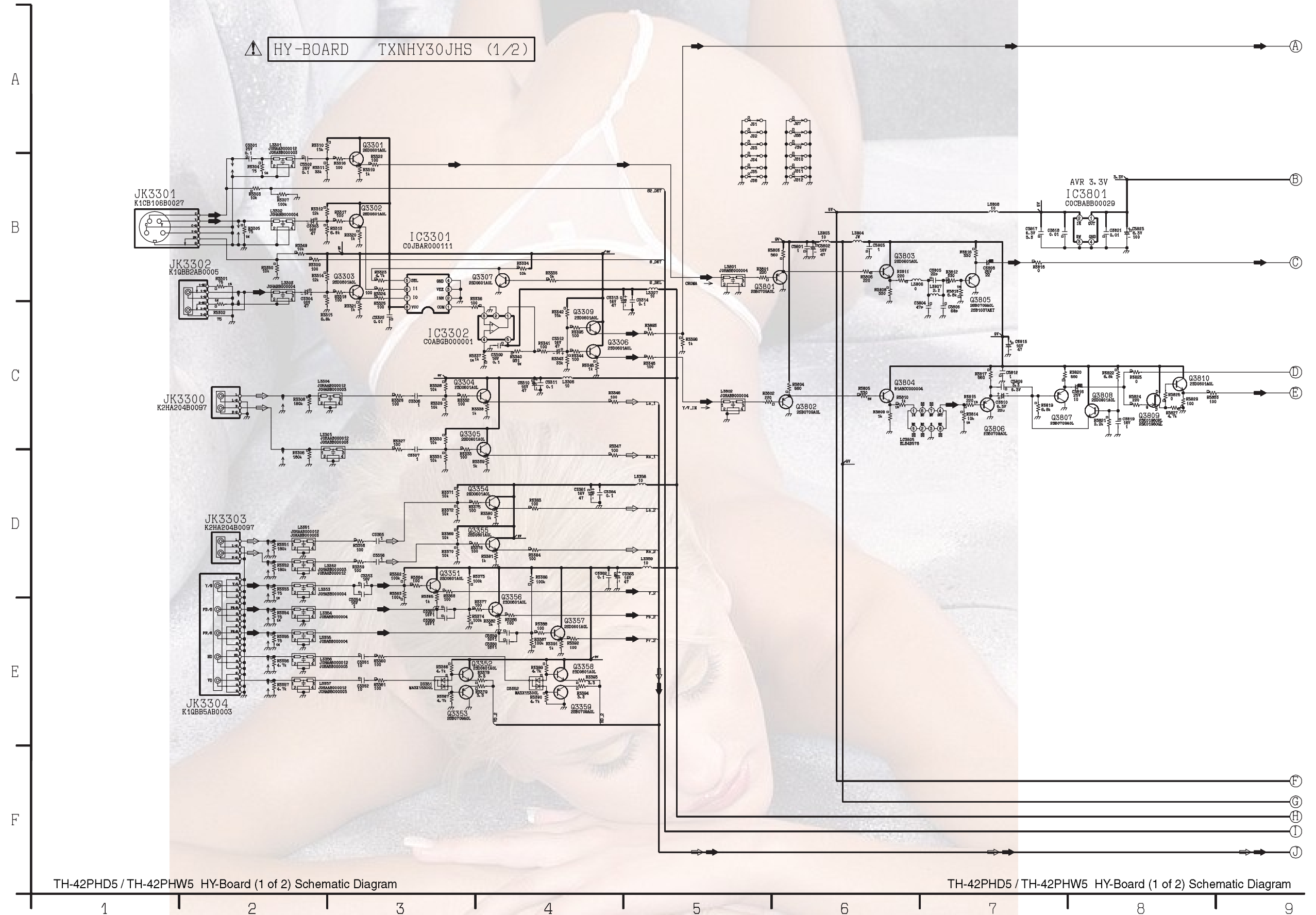
TH-42PHD5 / TH-42PHW5 HX-Board Block Diagram

TH-42PHD5 / TH-42PHW5 HX-Board Block Diagram

14.8. HY and HZ-Board Block Diagram

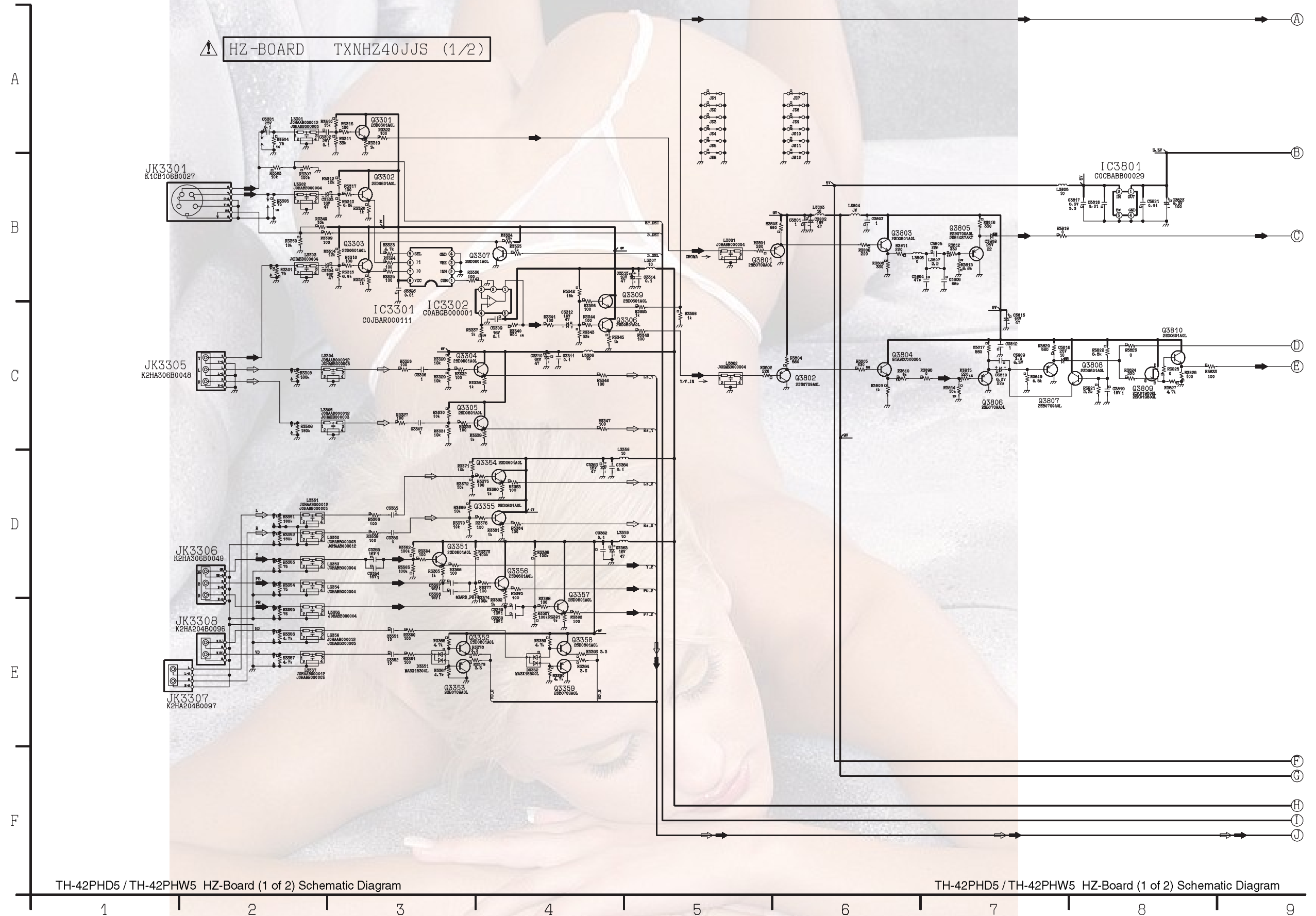


14.9. HY-Board (1 of 2) Schematic Diagram

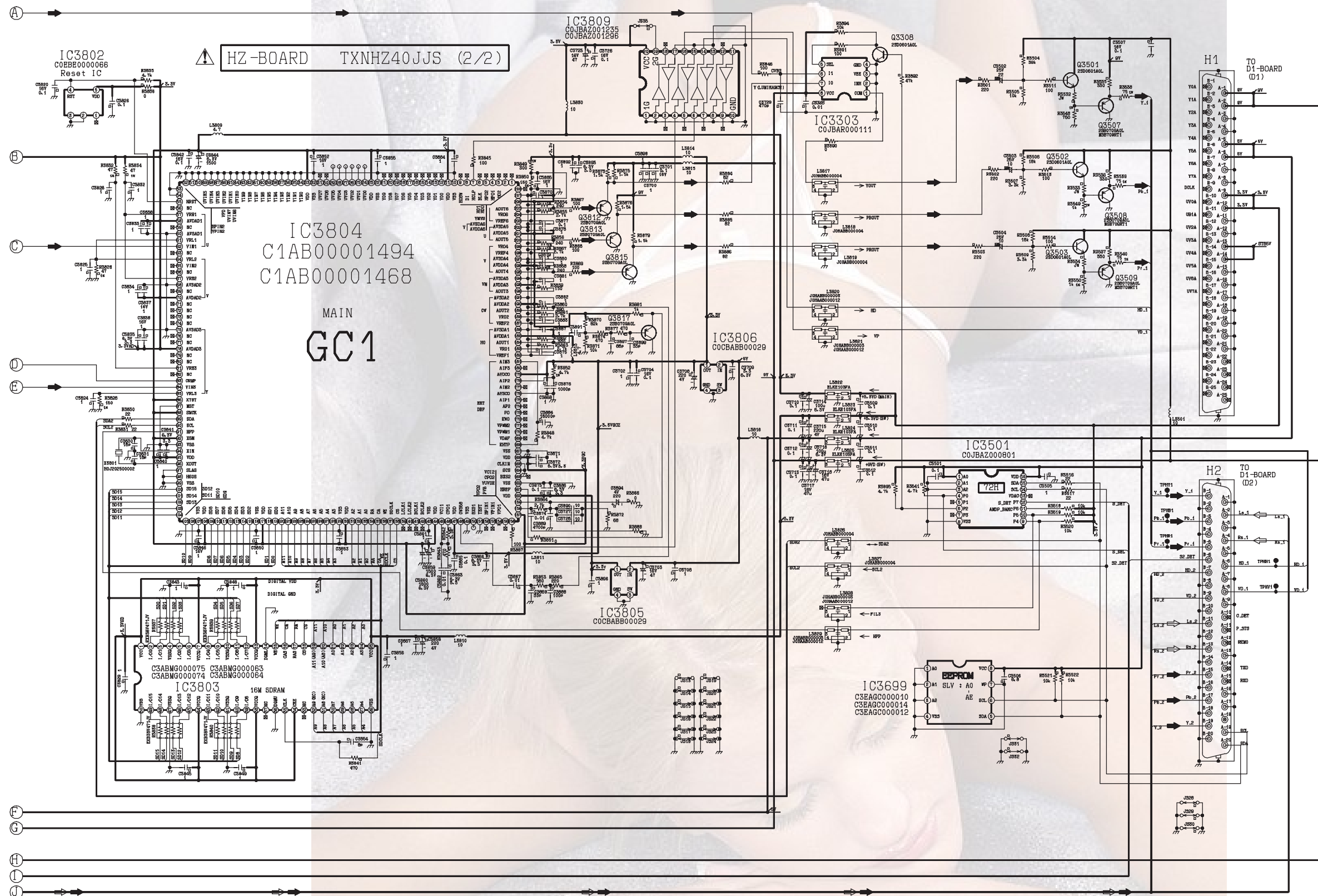




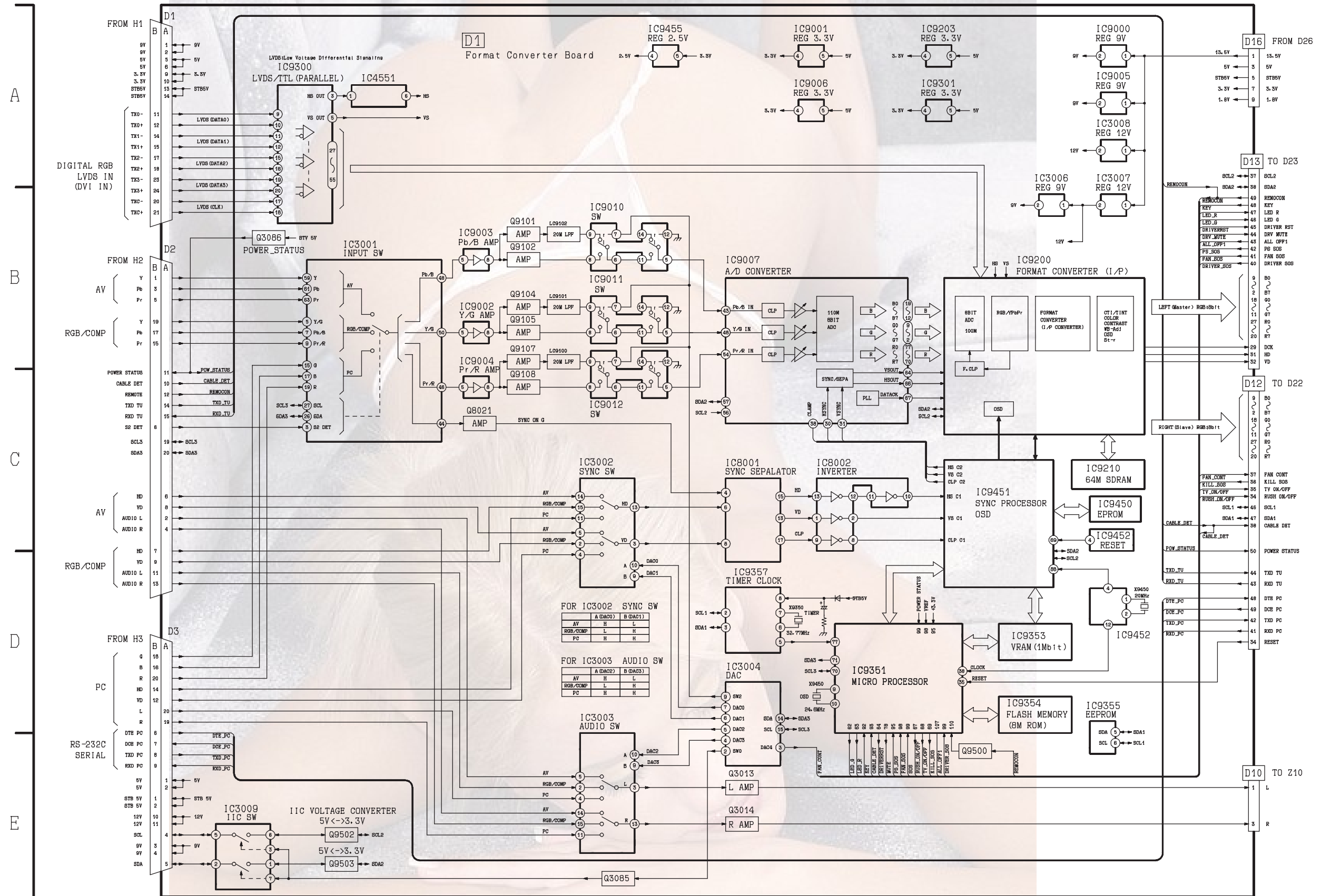
14.11. HZ-Board (1 of 2) Schematic Diagram



14.12. HZ-Board (2 of 2) Schematic Diagram

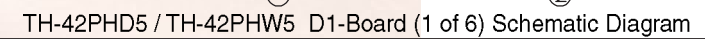


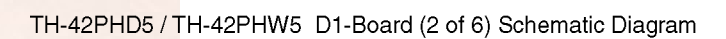
14.13. D1-Board Block Diagram



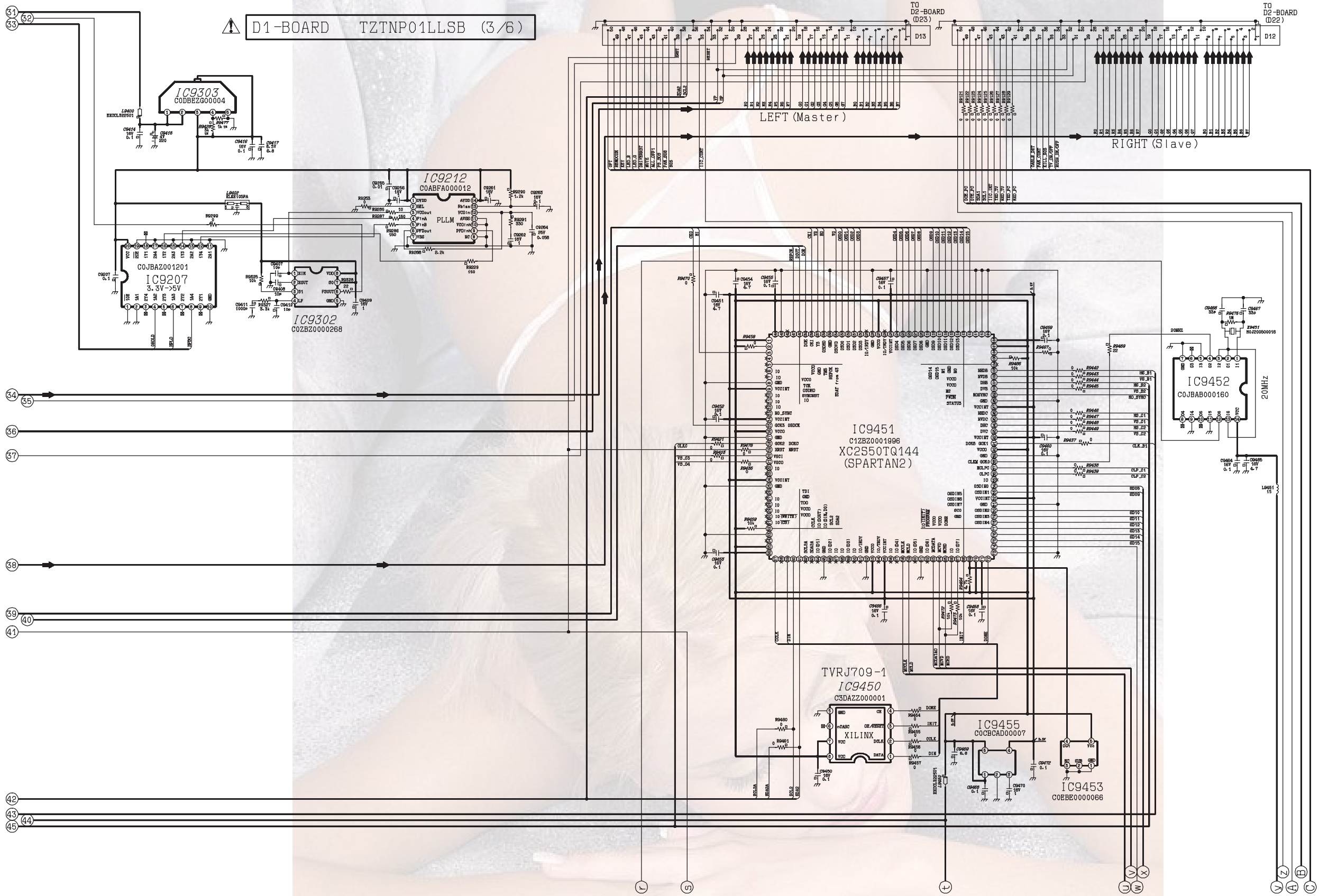
TH-42PHD5 / TH-42PHW5 D1-Board Block Diagram

TH-42PHD5 / TH-42PHW5 D1-Board Block Diagram





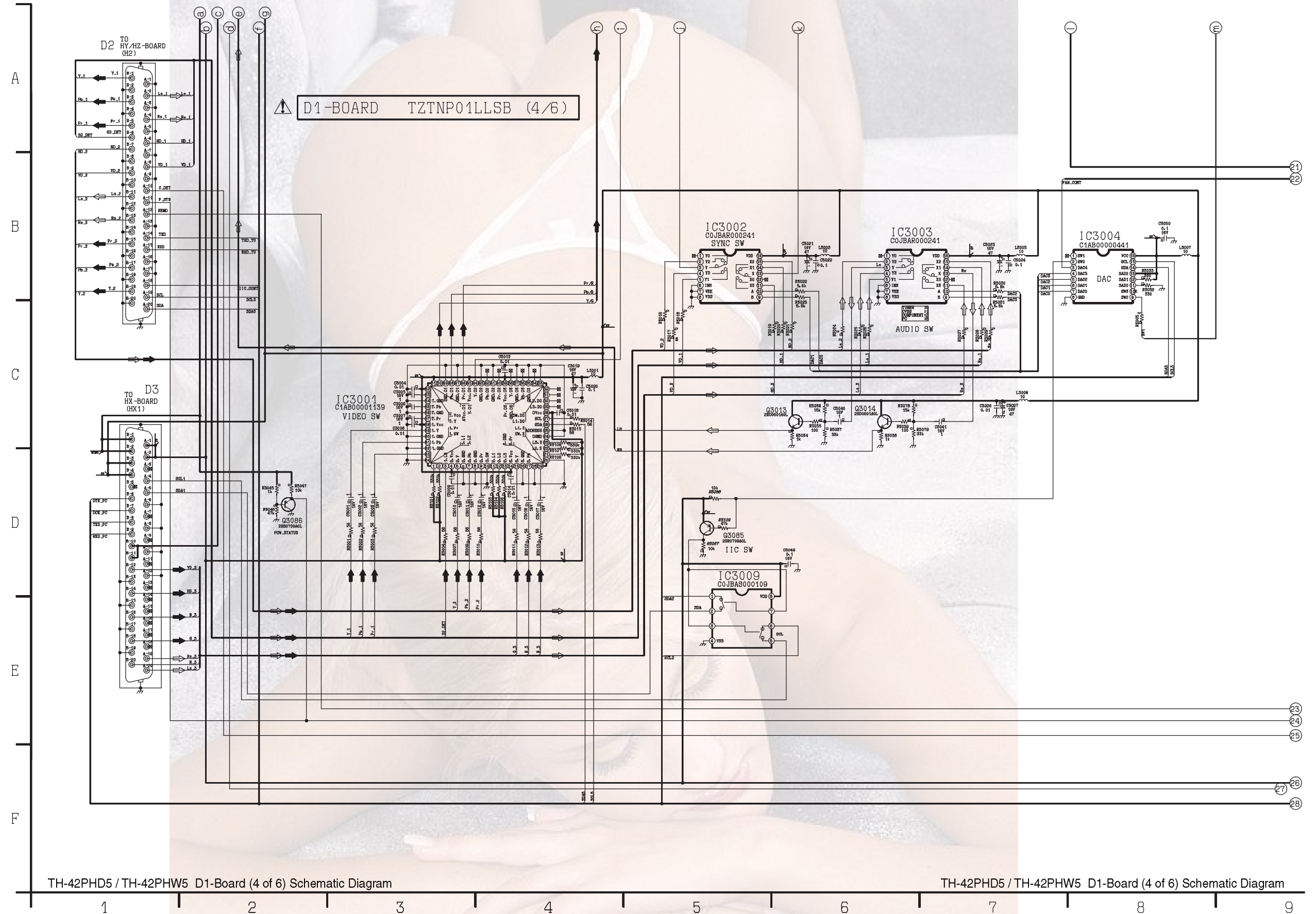
14.16. D1-Board (3 of 6) Schematic Diagram



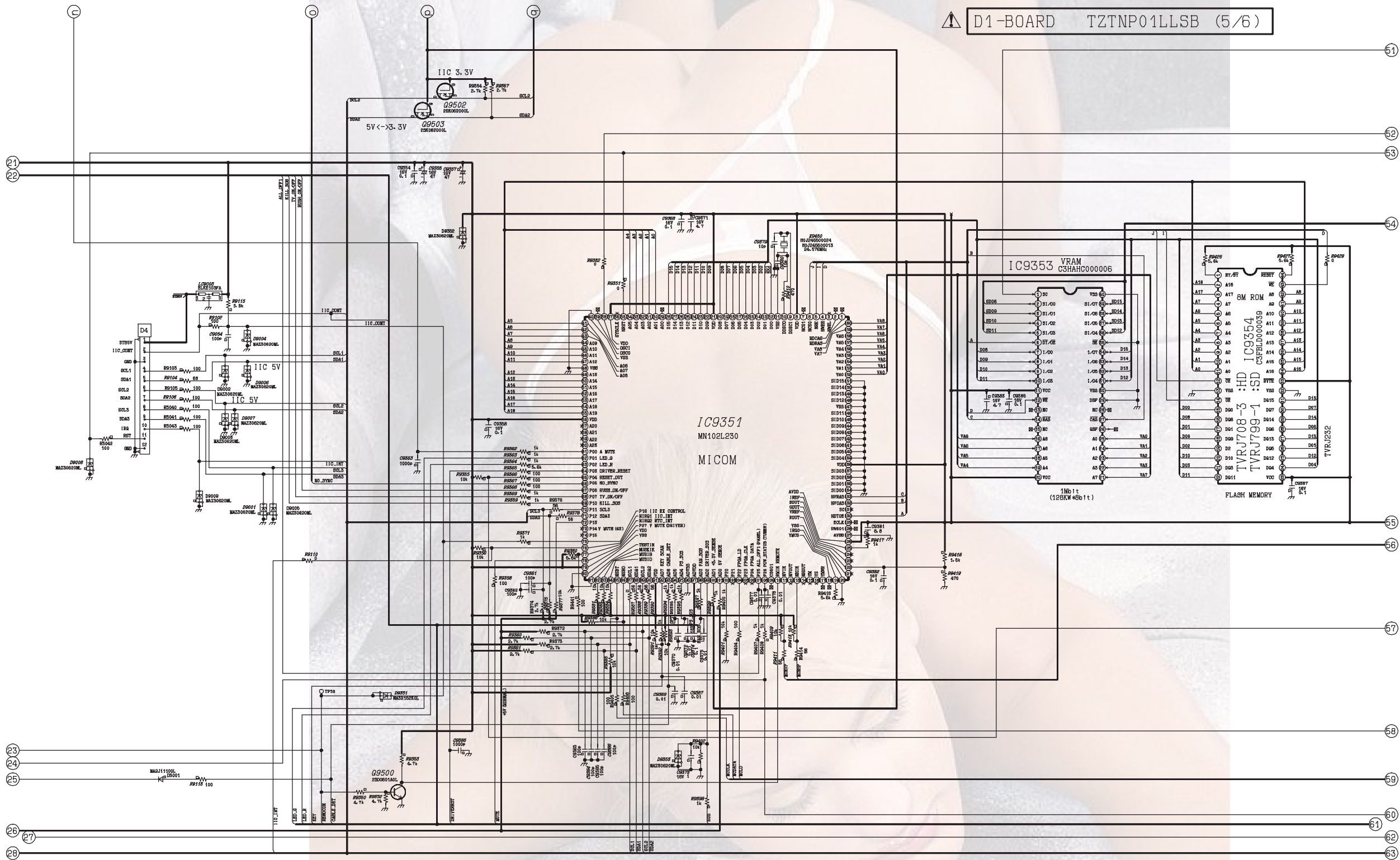
TH-42PHD5 / TH-42PHW5 D1-Board (3 of 6) Schematic Diagram

TH-42PHD5 / TH-42PHW5 D1-Board (3 of 6) Schematic Diagram

14.17. D1-Board (4 of 6) Schematic Diagram



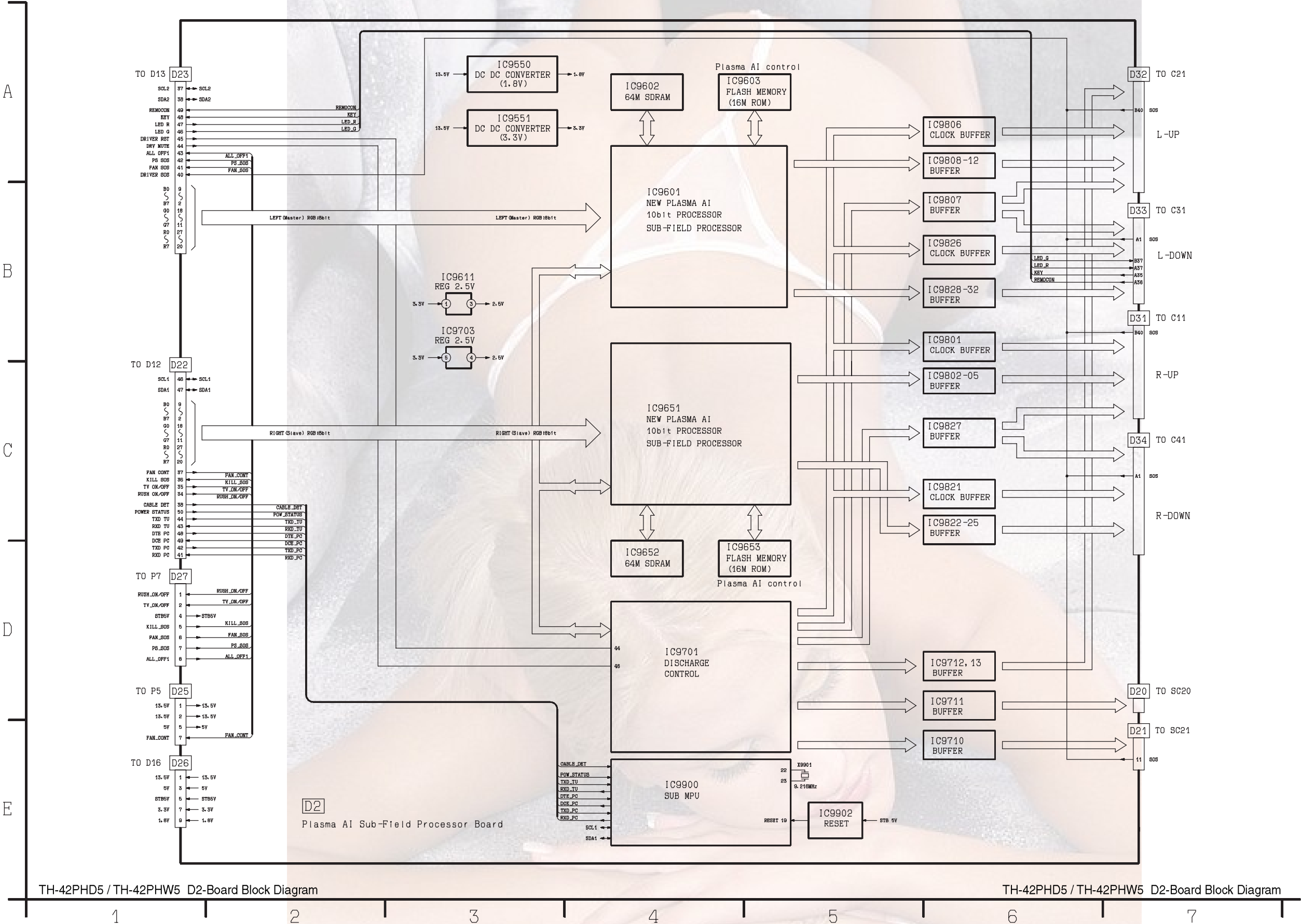
14.18. D1-Board (5 of 6) Schematic Diagram



TH-42PHD5 / TH-42PHW5 D1-Board (5 of 6) Schematic Diagram

TH-42PHD5 / TH-42PHW5 D1-Board (5 of 6) Schematic Diagram

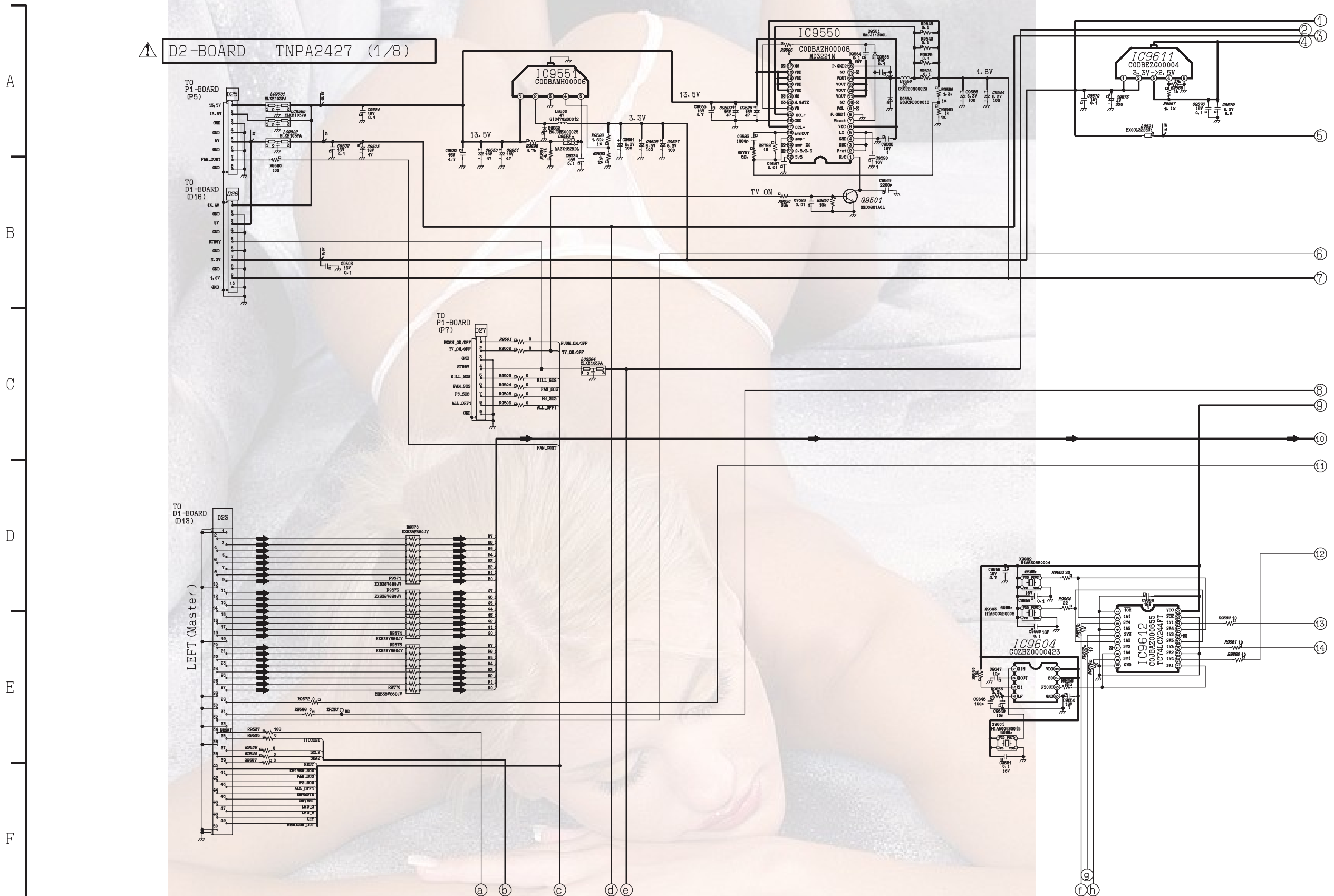
14.20. D2-Board Block Diagram



TH-42PHD5 / TH-42PHW5 D2-Board Block Diagram

TH-42PHD5 / TH-42PHW5 D2-Board Block Diagram

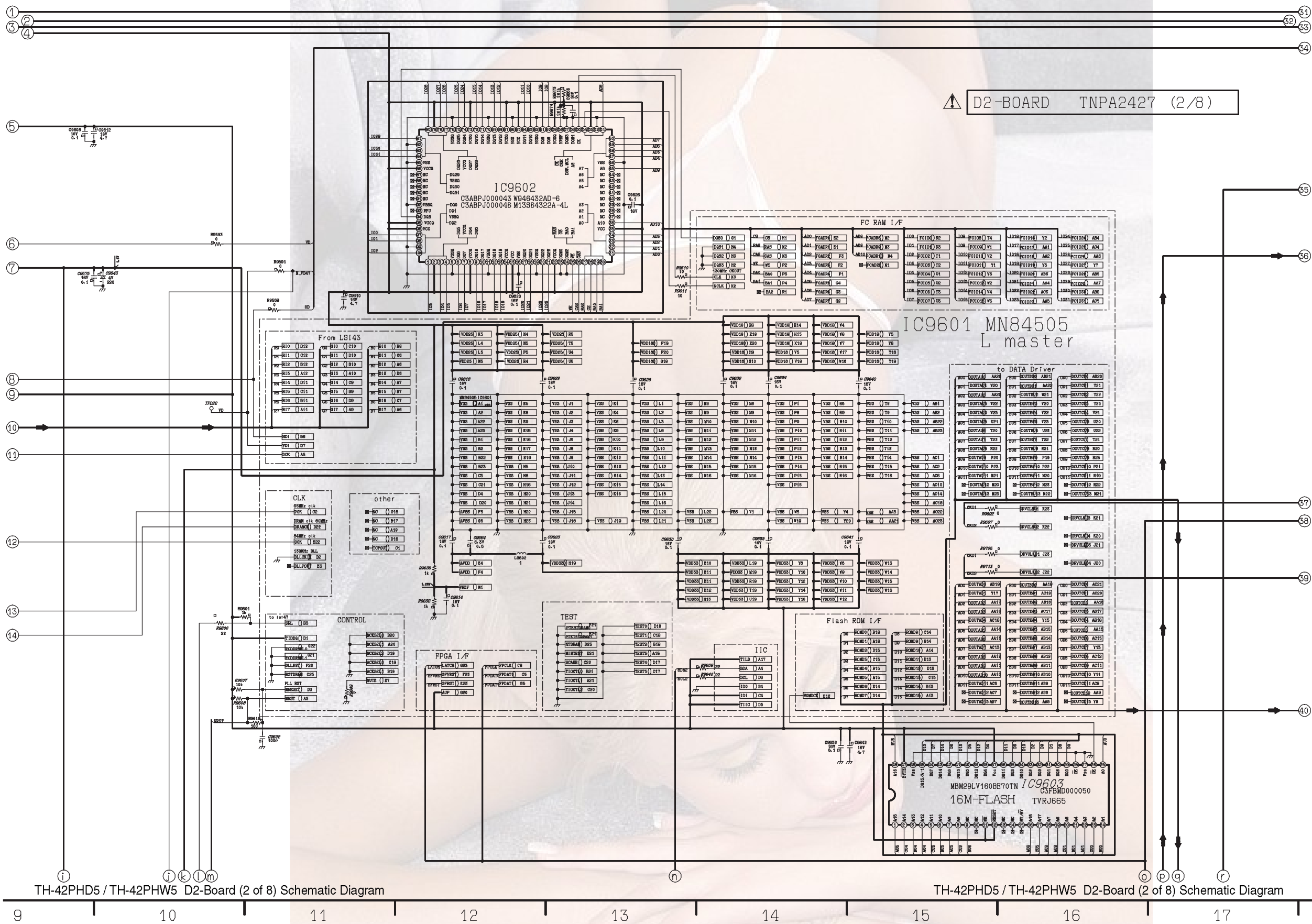
14.21. D2-Board (1 of 8) Schematic Diagram



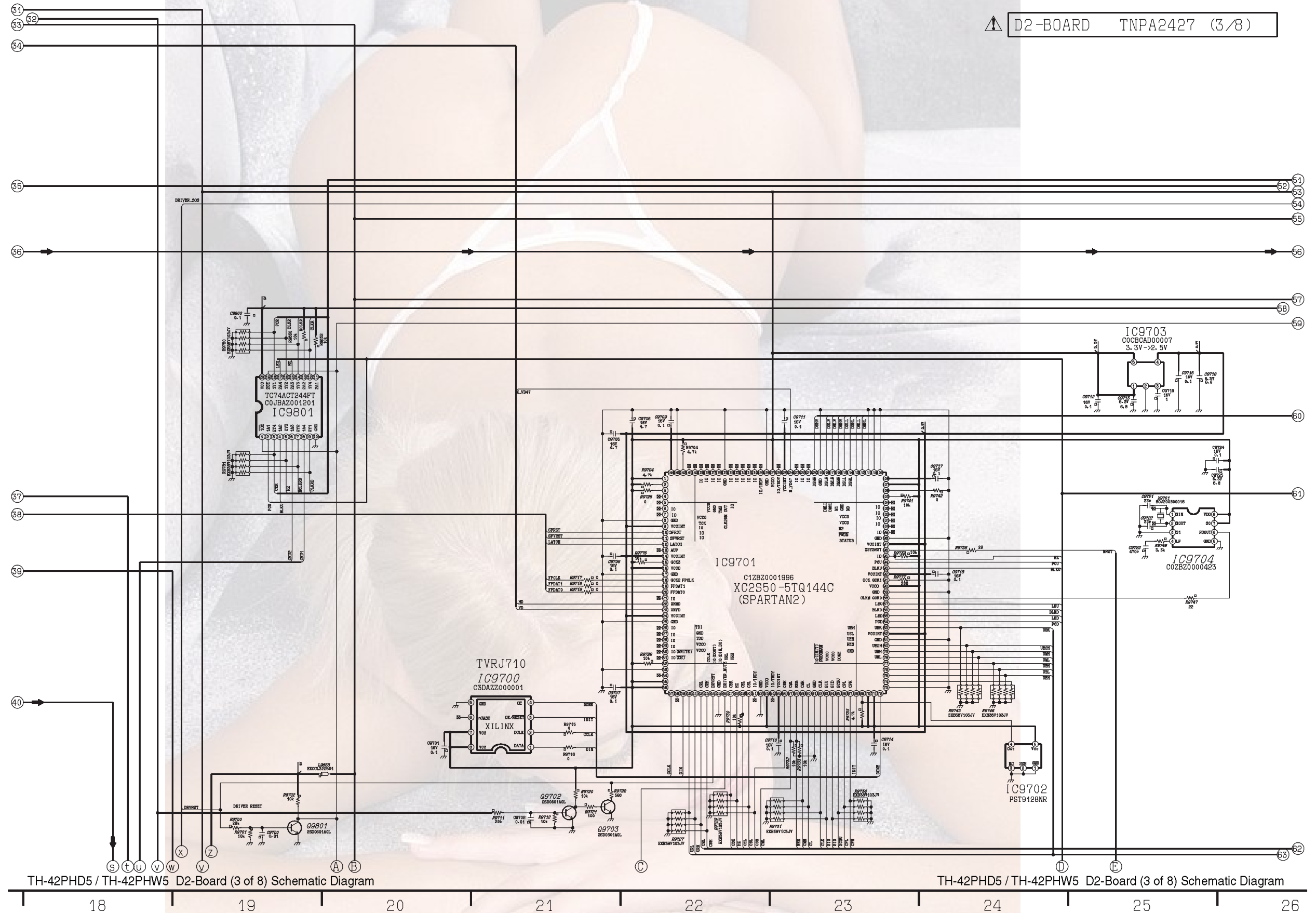
TH-42PHD5 / TH-42PHW5 D2-Board (1 of 8) Schematic Diagram

TH-42PHD5 / TH-42PHW5 D2-Board (1 of 8) Schematic Diagram

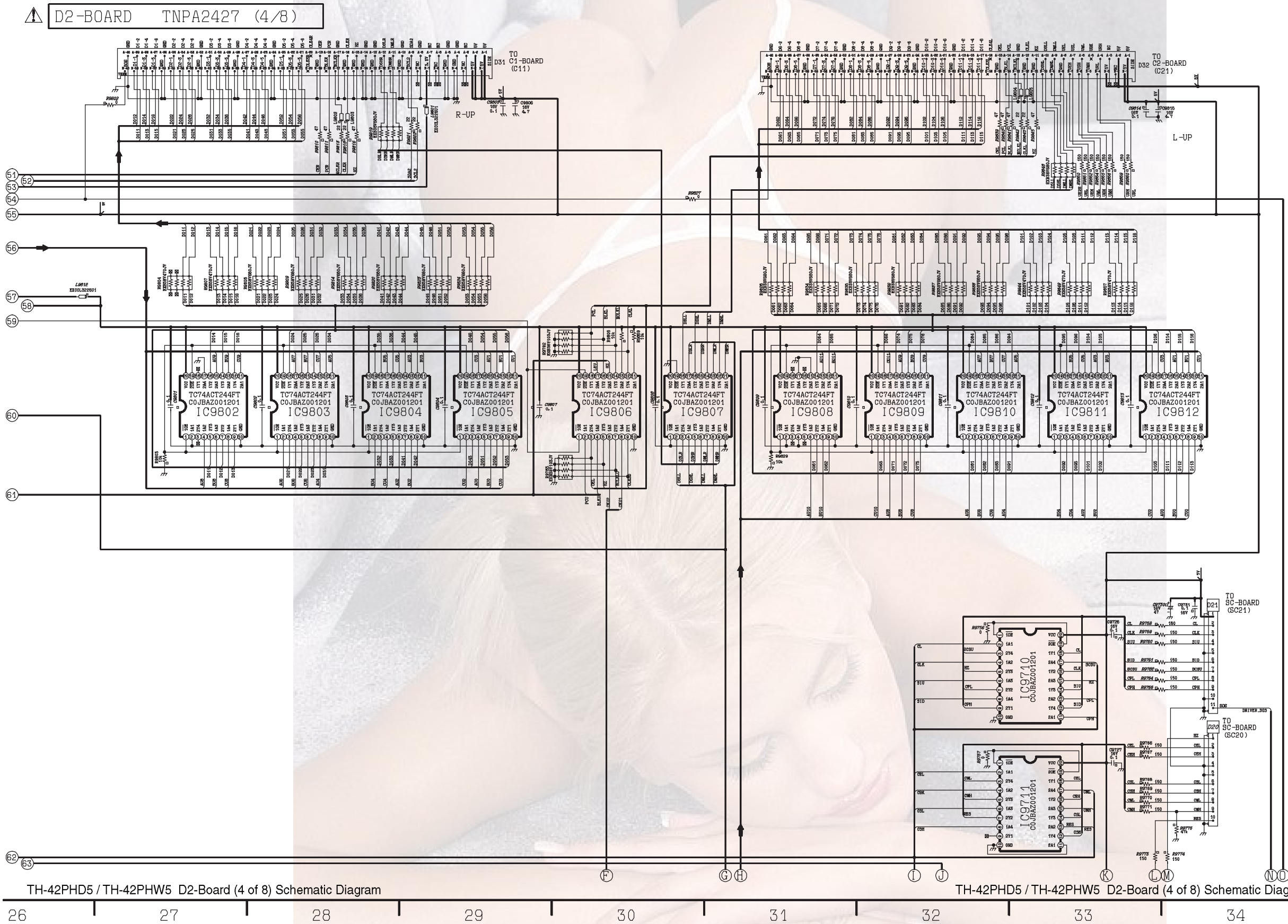
14.22. D2-Board (2 of 8) Schematic Diagram

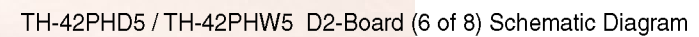


14.23. D2-Board (3 of 8) Schematic Diagram

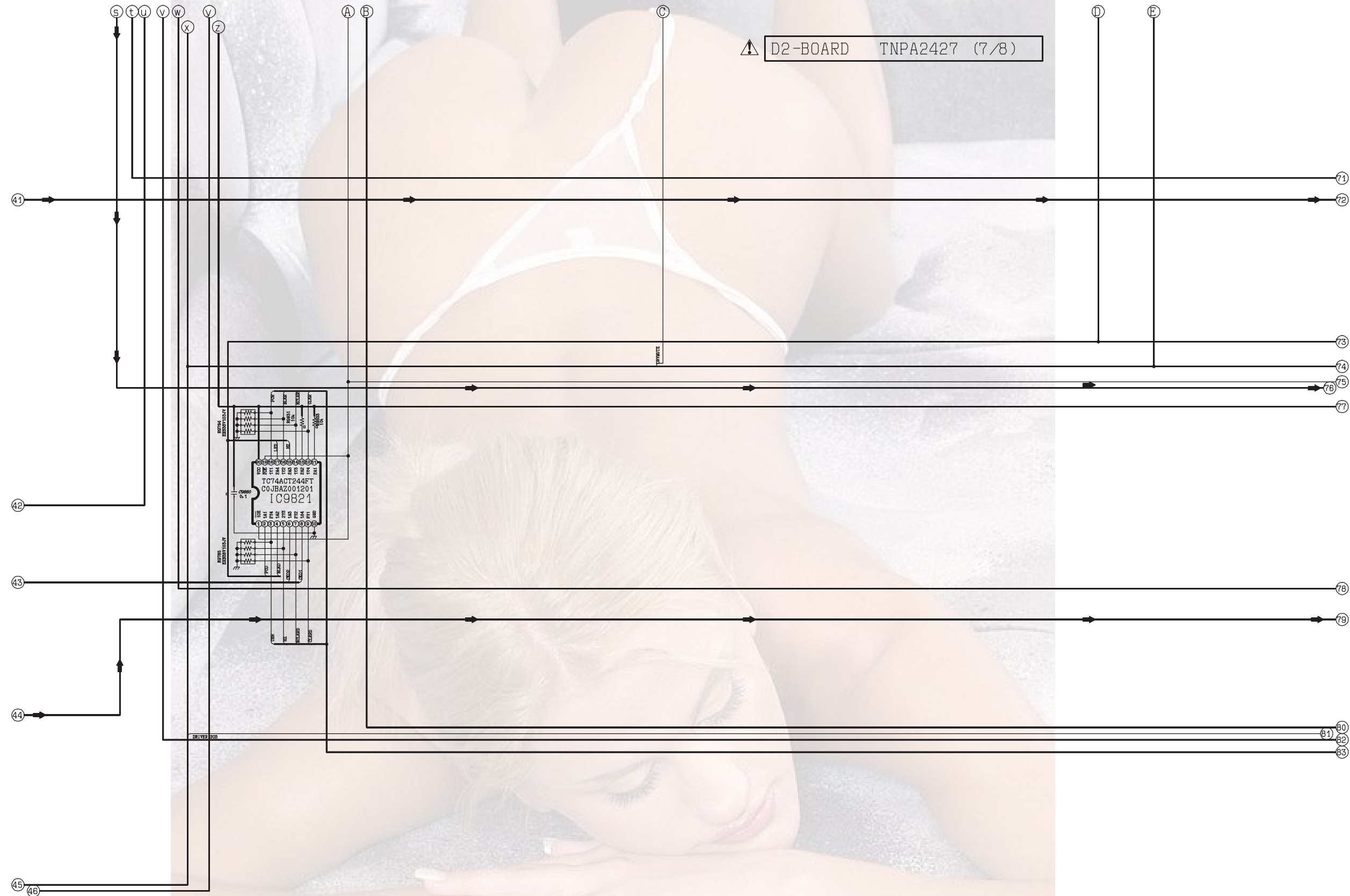


14.24. D2-Board (4 of 8) Schematic Diagram

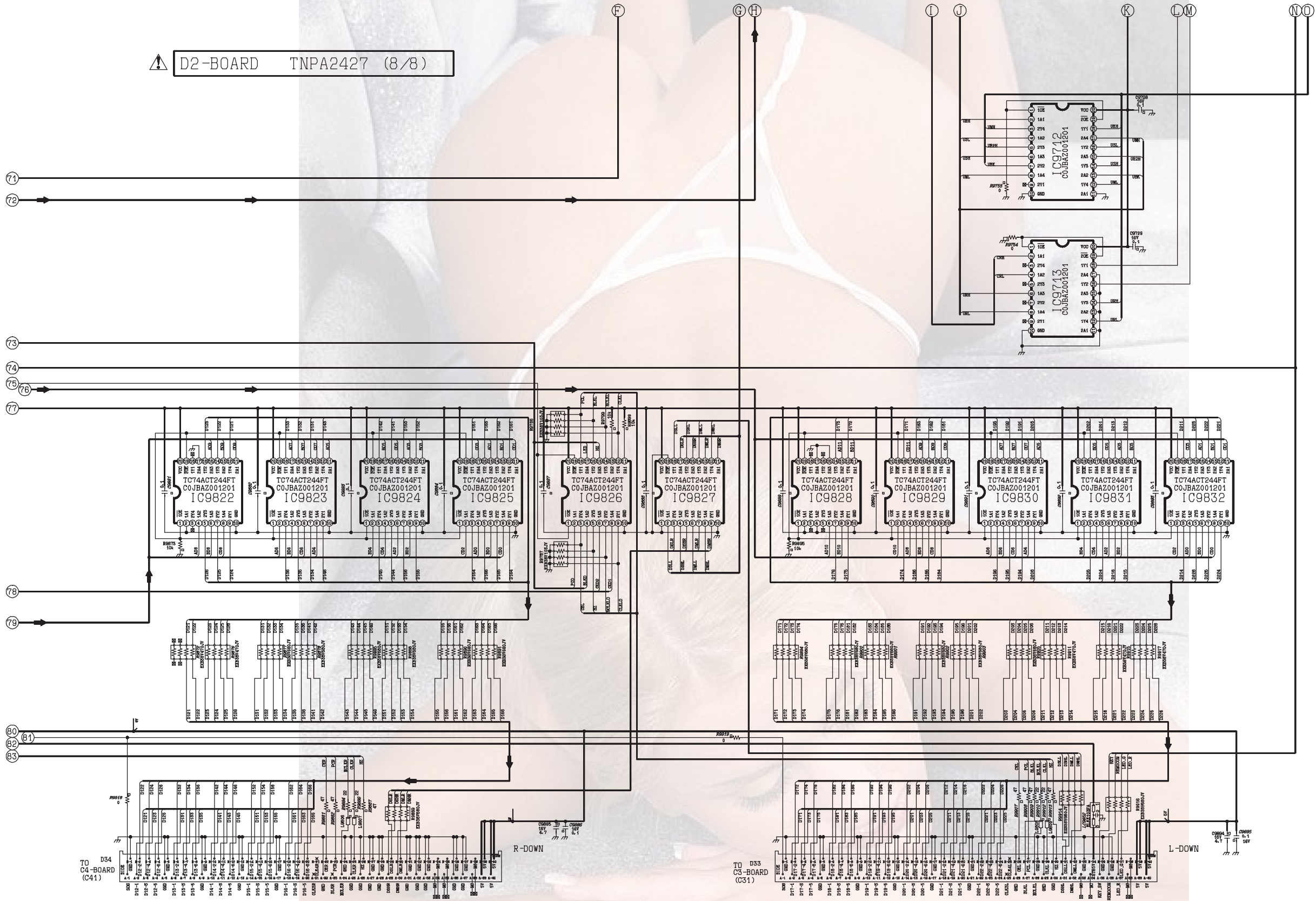




14.27. D2-Board (7 of 8) Schematic Diagram



14.28. D2-Board (8 of 8) Schematic Diagram

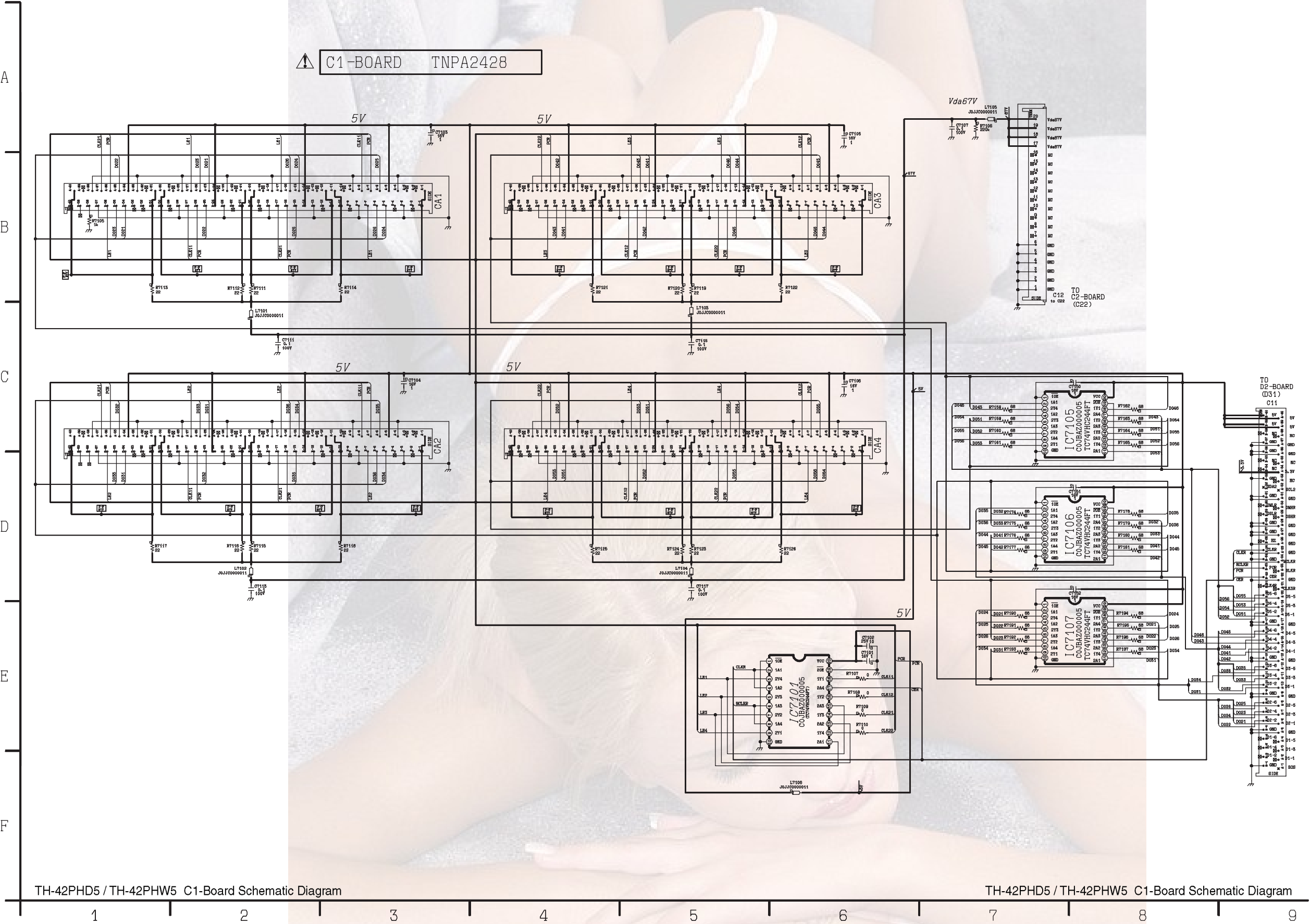


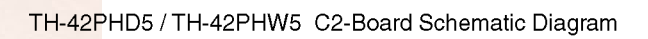
TH-42PHD5 / TH-42PHW5 D2-Board (8 of 8) Schematic Diagram

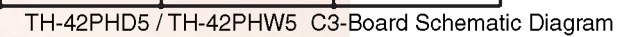
TH-42PHD5 / TH-42PHW5 D2-Board (8 of 8) Schematic Diagram

26 27 28 29 30 31 32 33 34

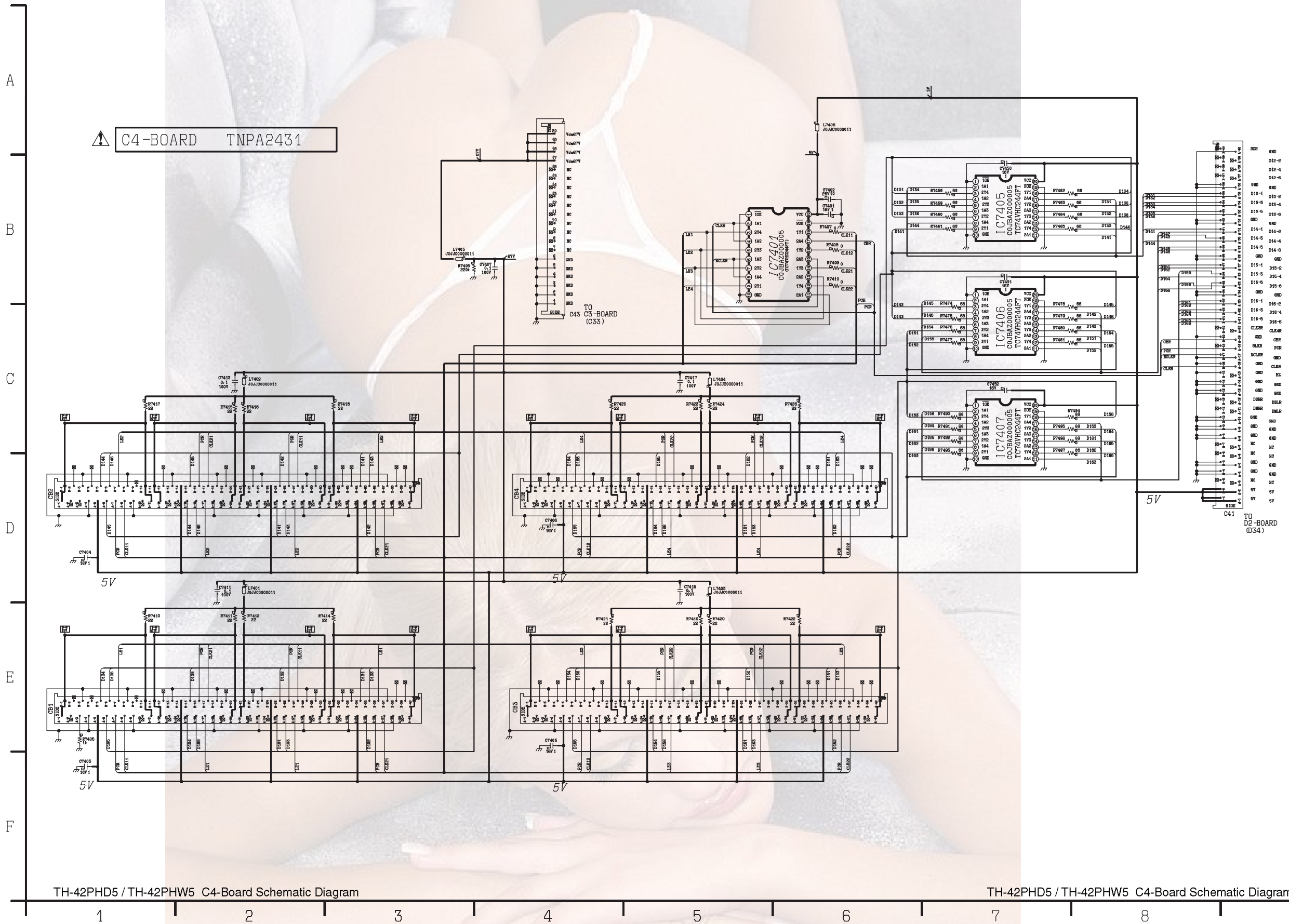
14.30. C1-Board Schematic Diagram





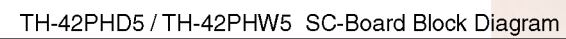


14.33. C4-Board Schematic Diagram

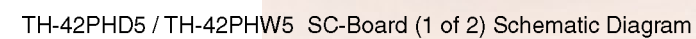


TH-42PHD5 / TH-42PHW5 C4-Board Schematic Diagram

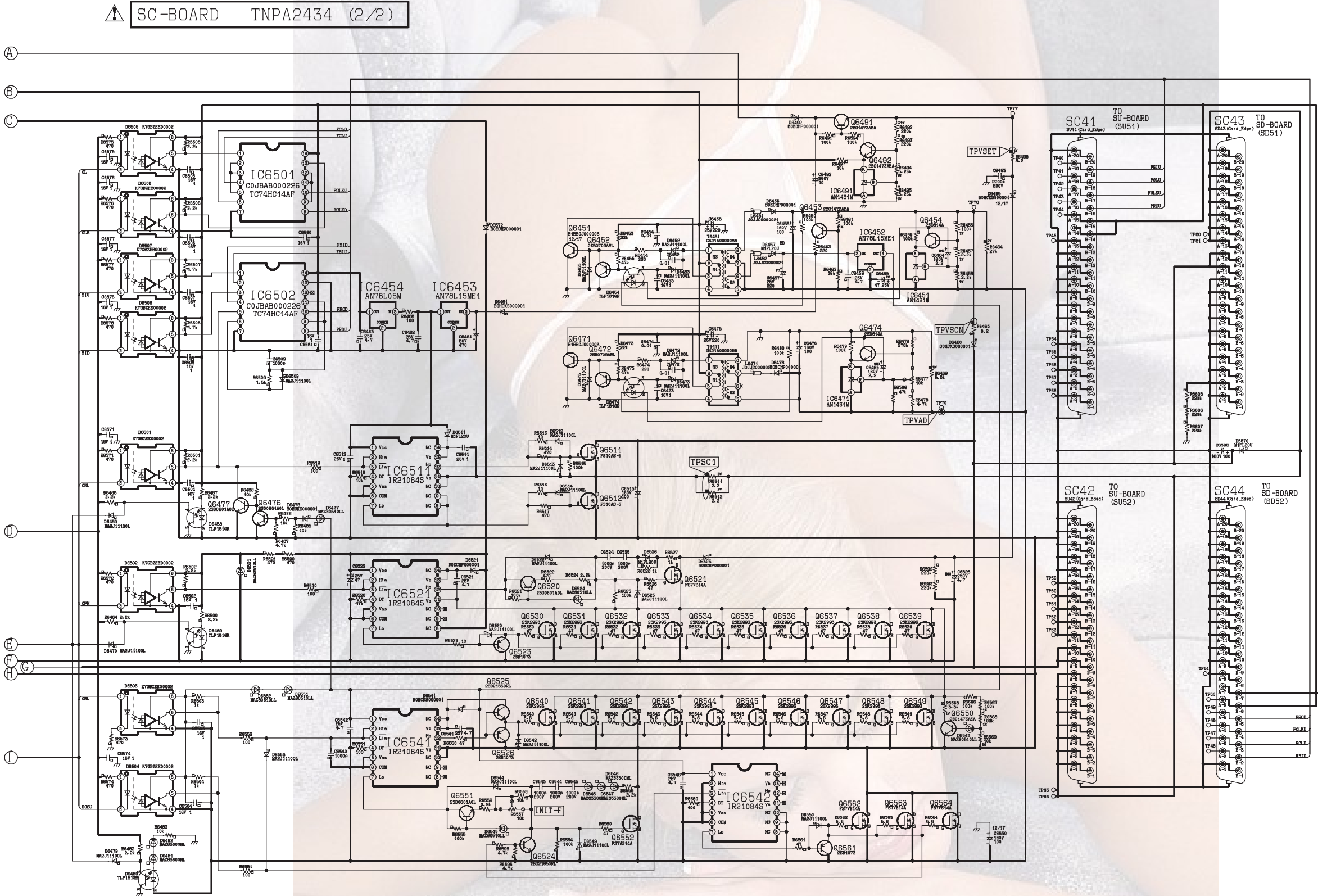
TH-42PHD5 / TH-42PHW5 C4-Board Schematic Diagram



TH-42PHD5 / TH-42PHW5 SC-Board Block Diagram



14.36. SC-Board (2 of 2) Schematic Diagram



TH-42PHD5 / TH-42PHW5 SC-Board (2 of 2) Schematic Diagram

TH-42PHD5 / TH-42PHW5 SC-Board (2 of 2) Schematic Diagram

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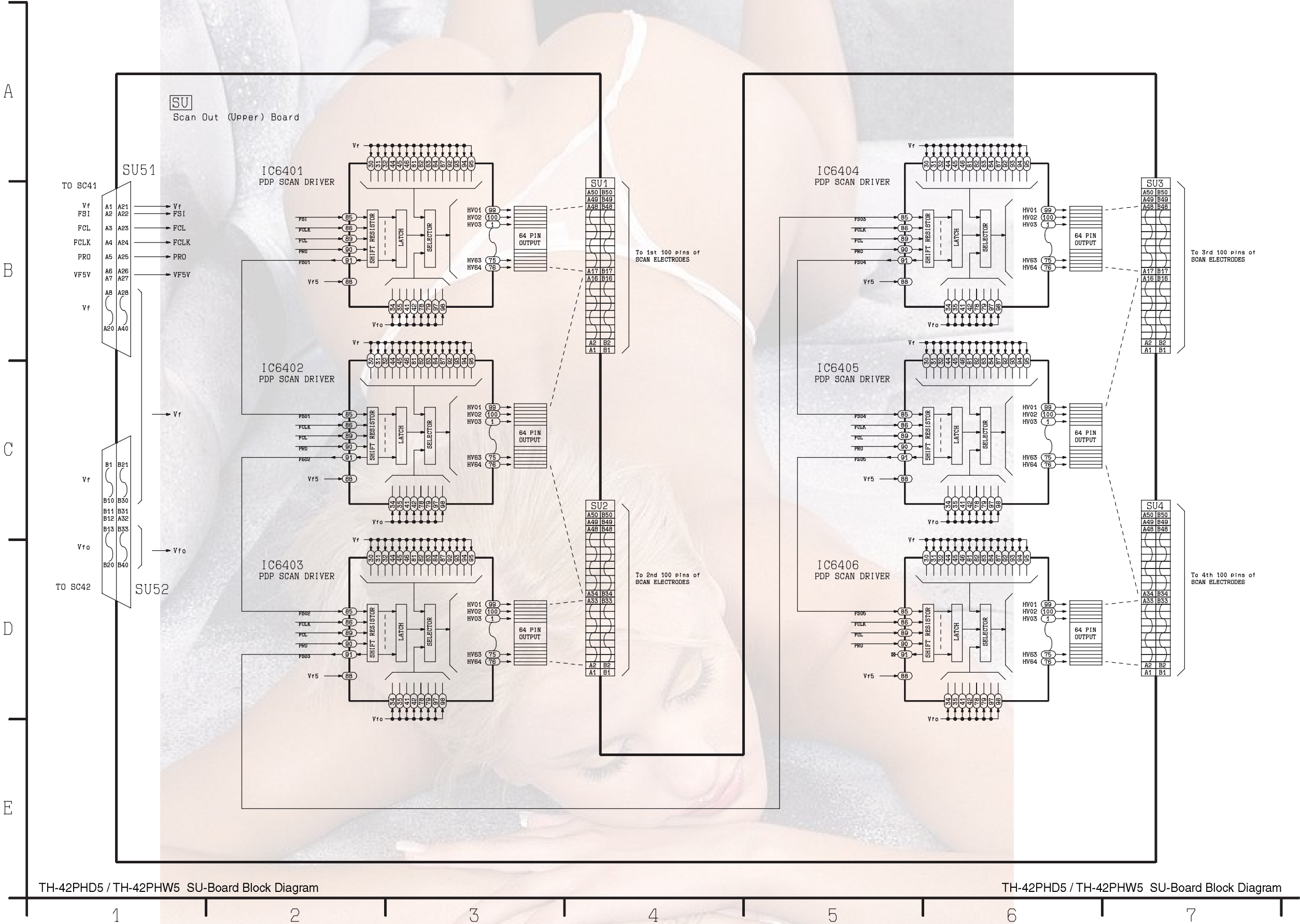
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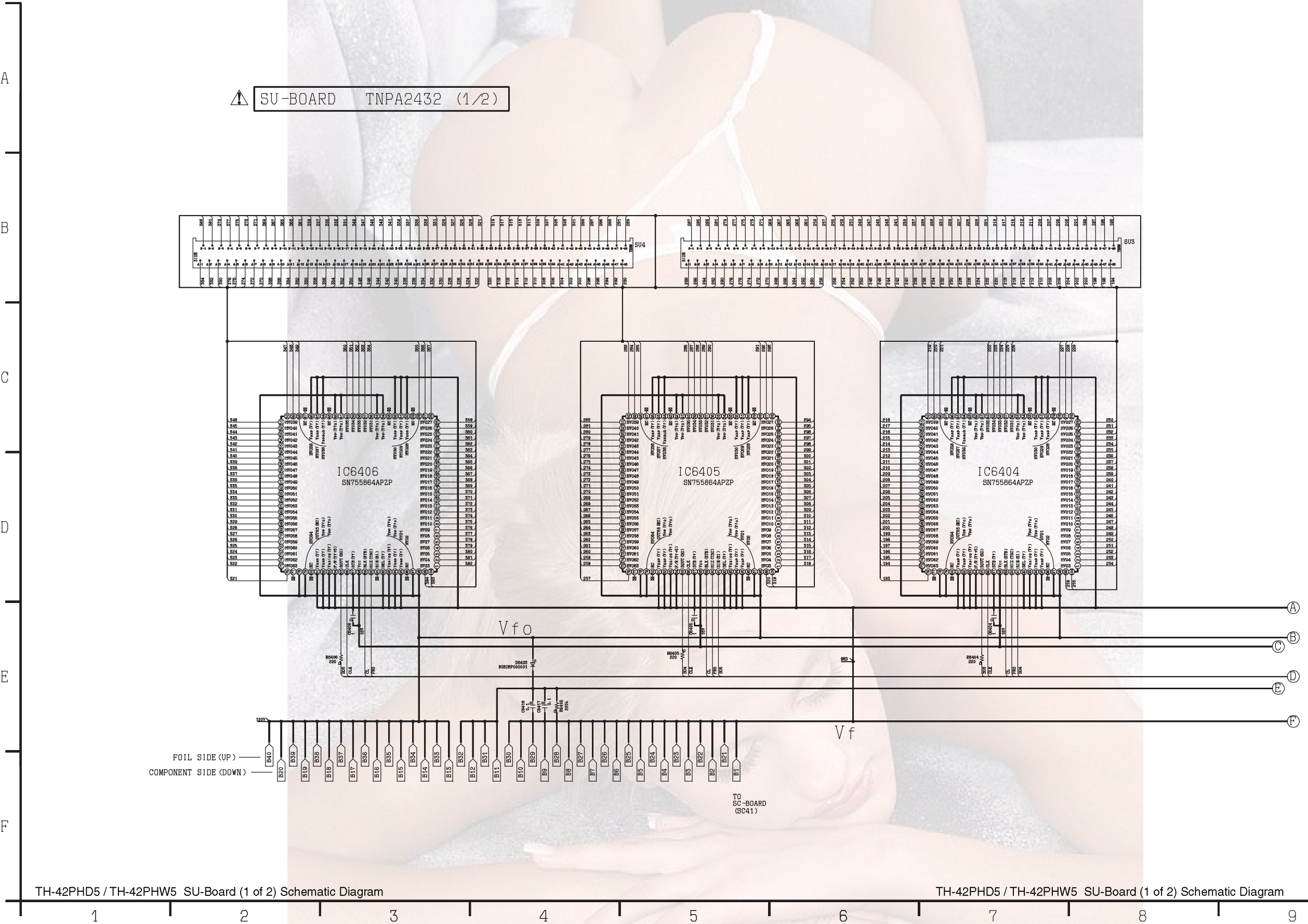
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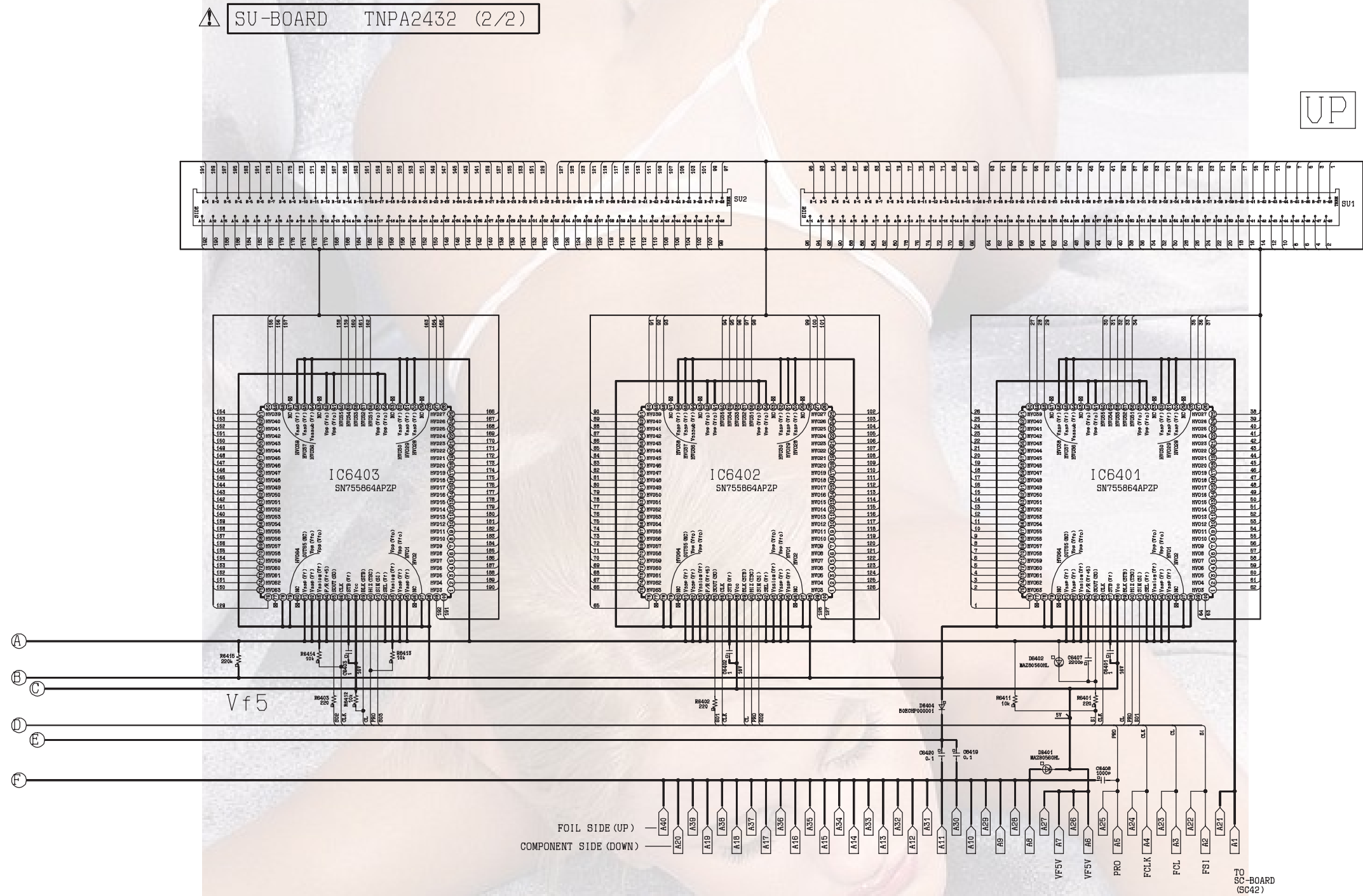
14.37. SU-Board Block Diagram



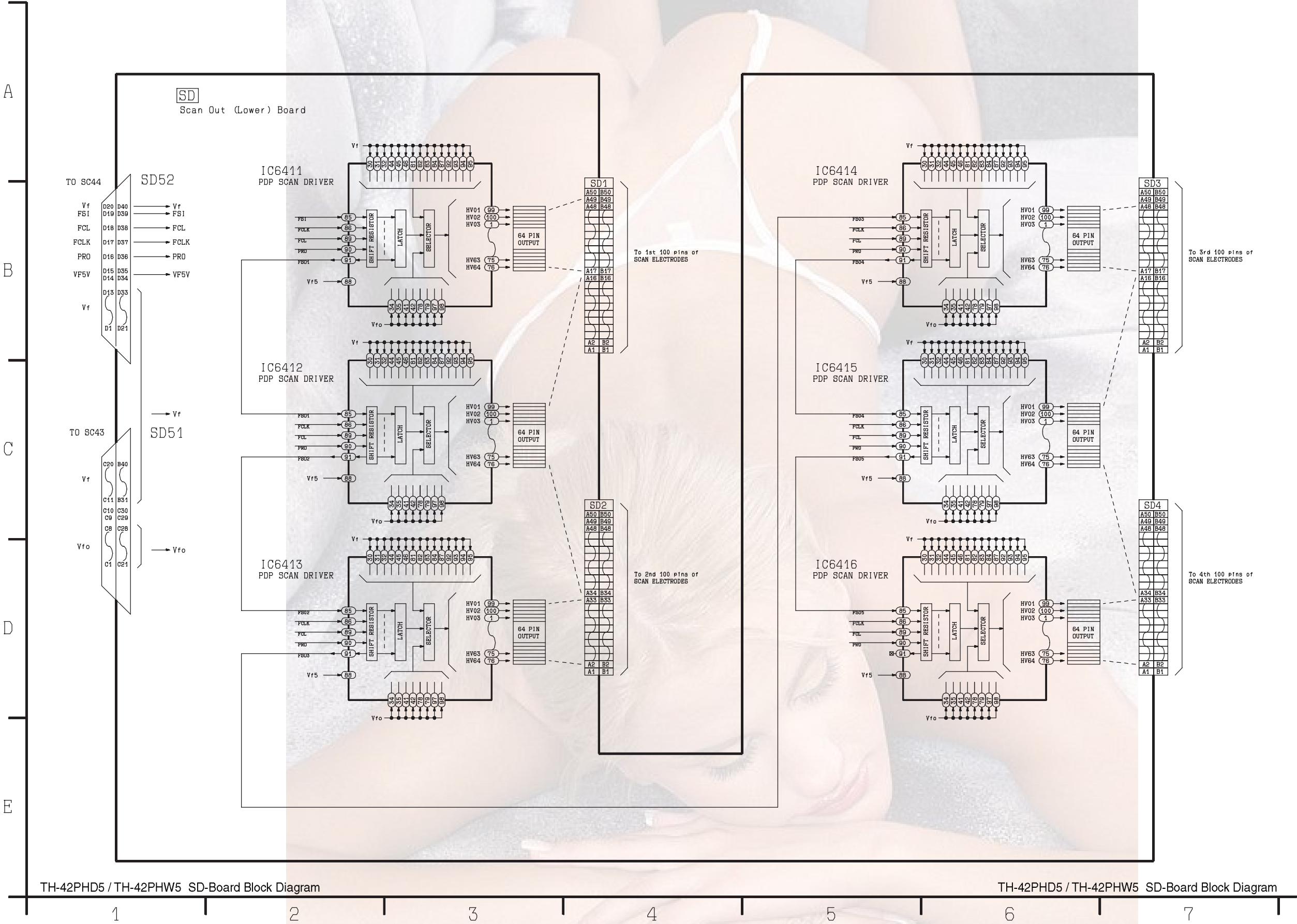
14.38. SU-Board (1 of 2) Schematic Diagram



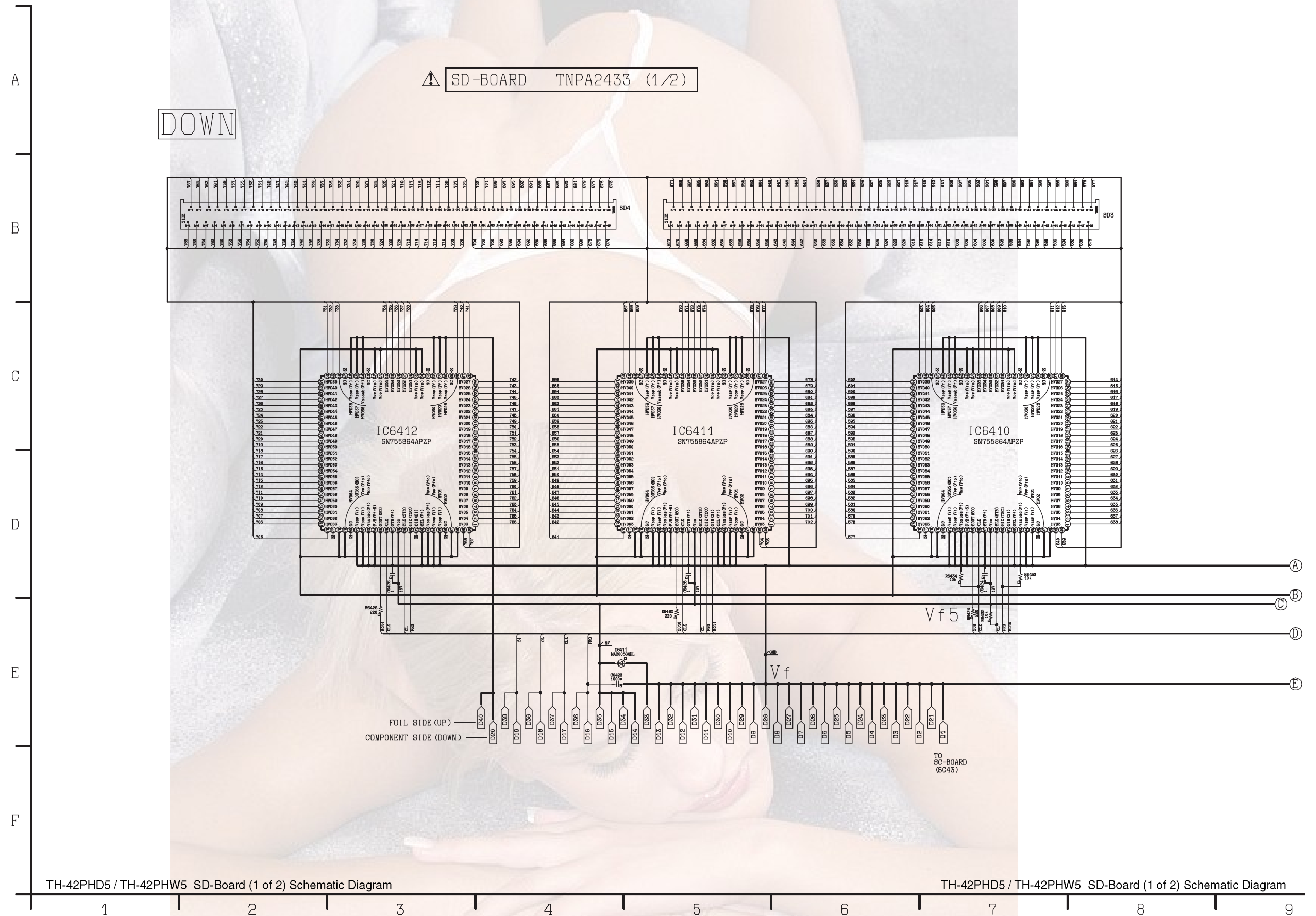
14.39. SU-Board (2 of 2) Schematic Diagram

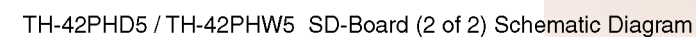


14.40. SD-Board Block Diagram



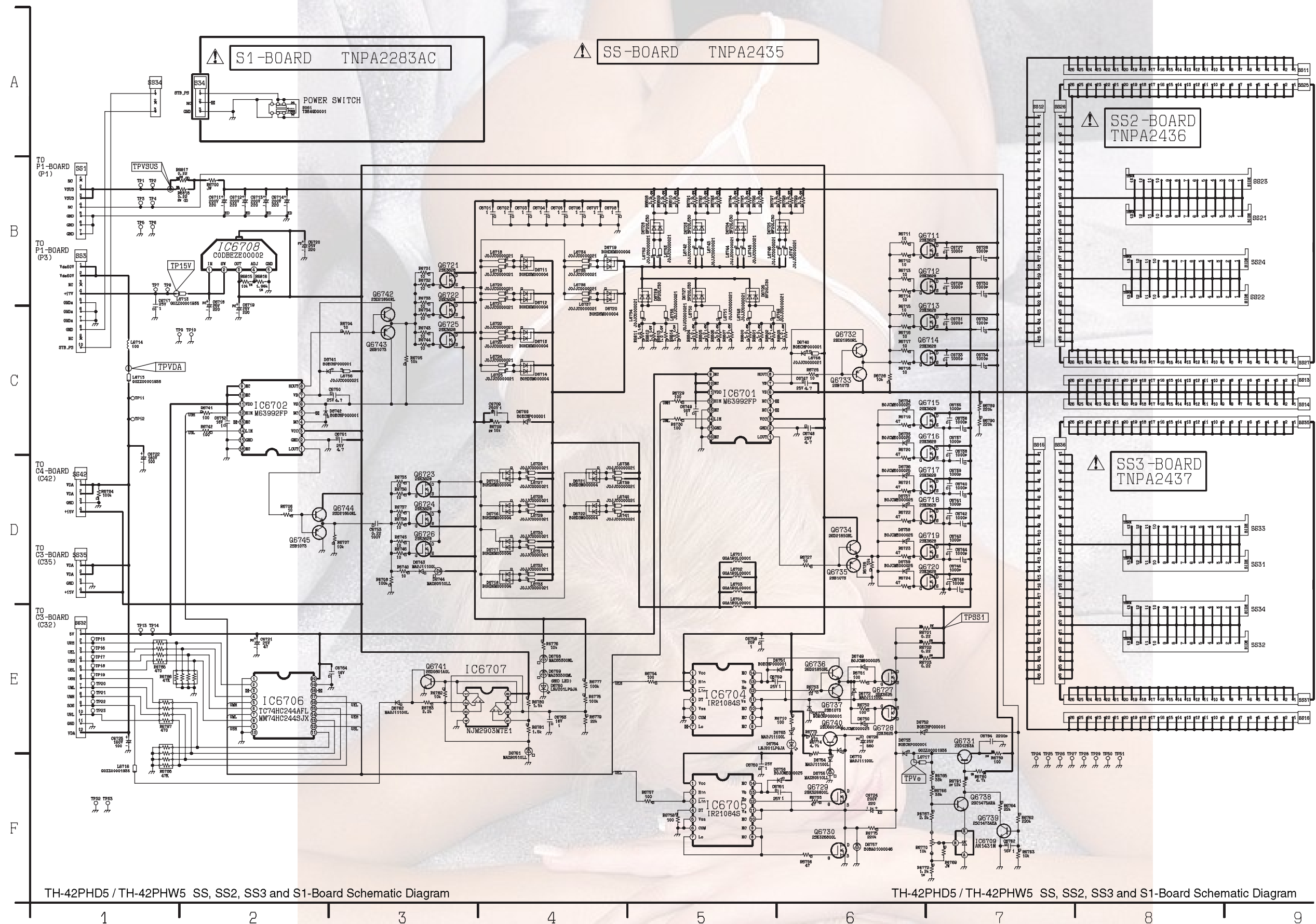
14.41. SD-Board (1 of 2) Schematic Diagram



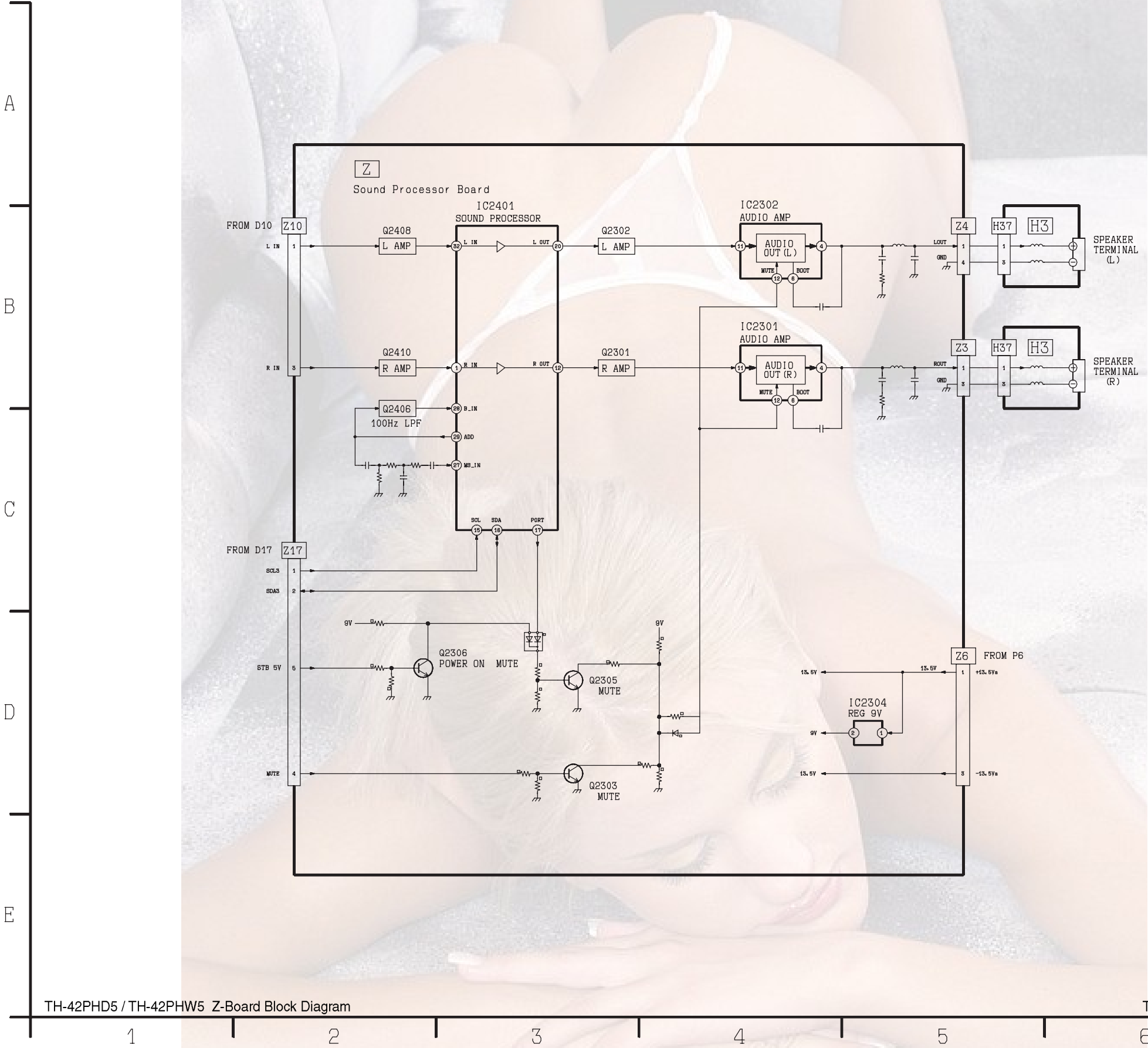


TH-42PHD5 / TH-42PHW5 SD-Board (2 of 2) Schematic Diagram

14.44. SS, SS2, SS3 and S1-Board Schematic Diagram



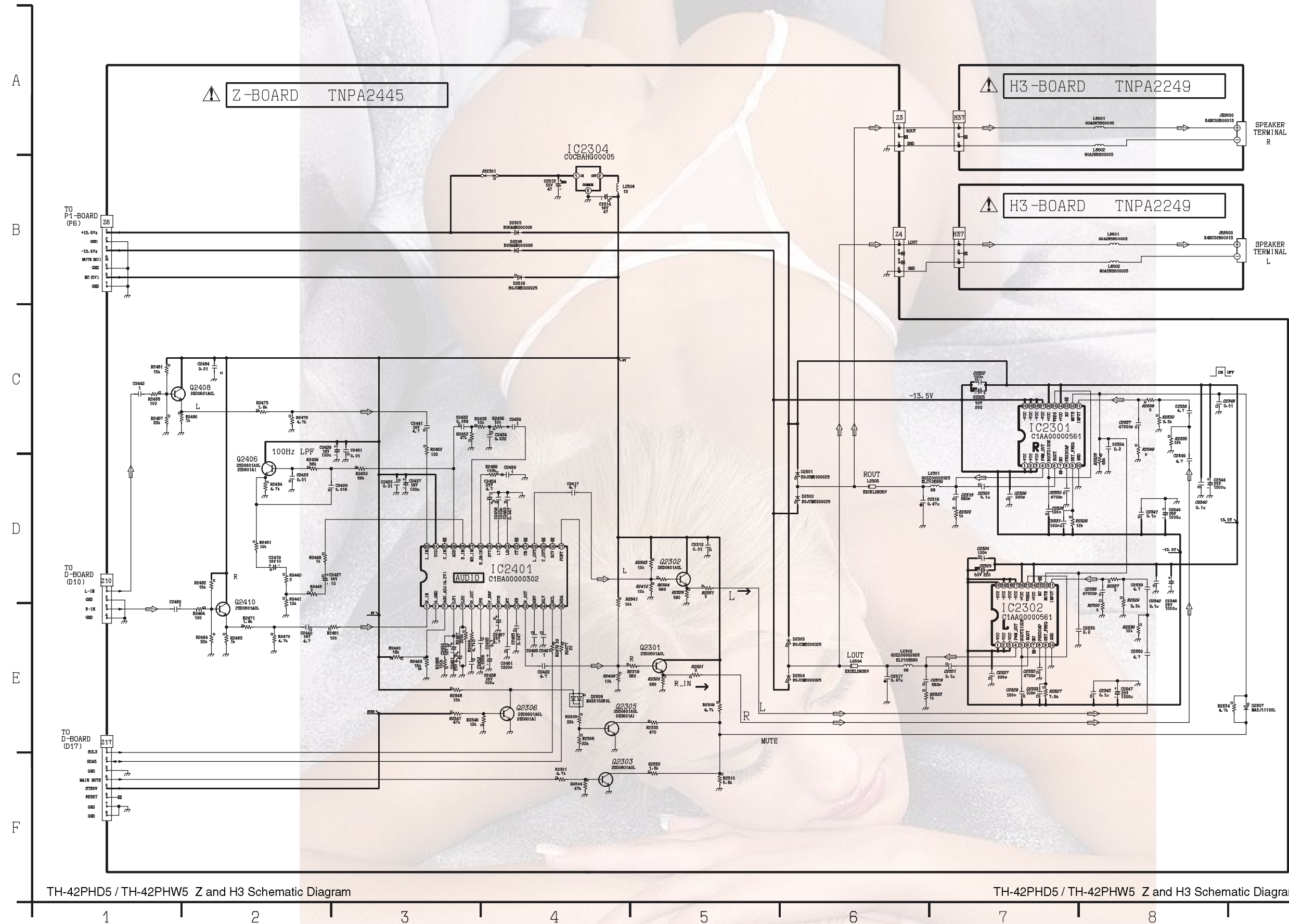
14.45. Z-Board Block Diagram



TH-42PHD5 / TH-42PHW5 Z-Board Block Diagram

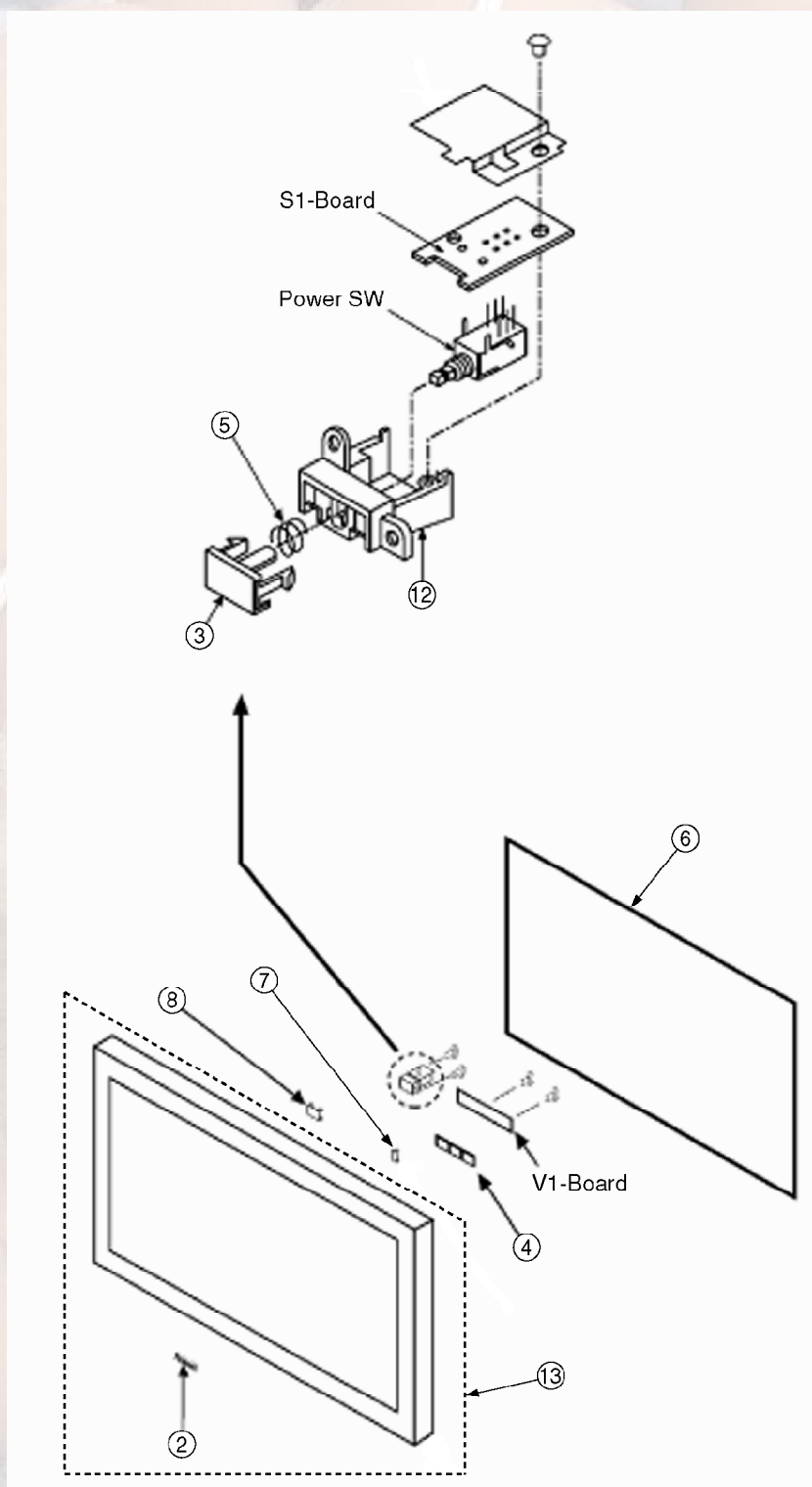
TH-42PHD5 / TH-42PHW5 Z-Board Block Diagram

14.46. H3 and Z-Board Schematic Diagram

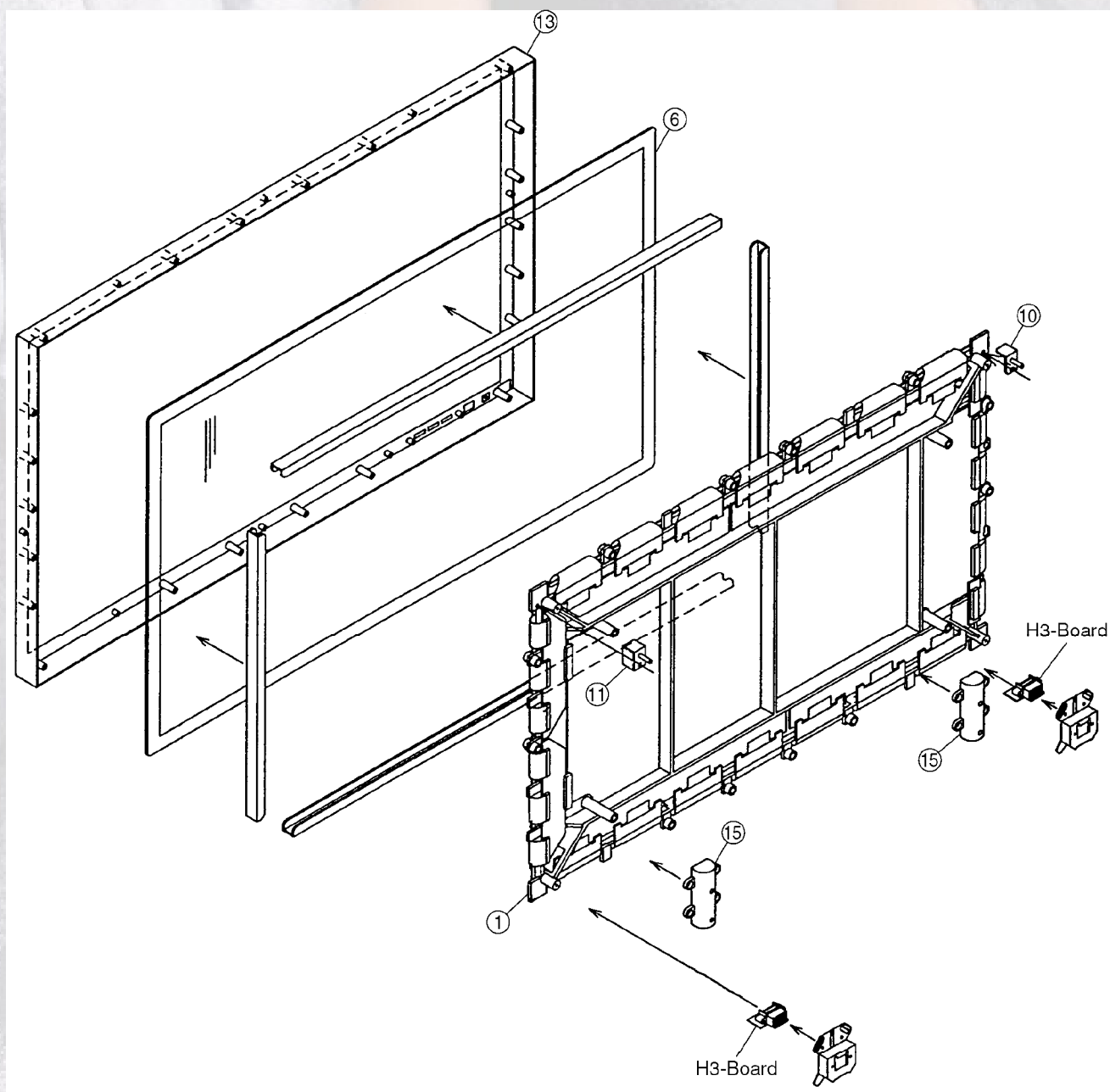


15 Parts Location

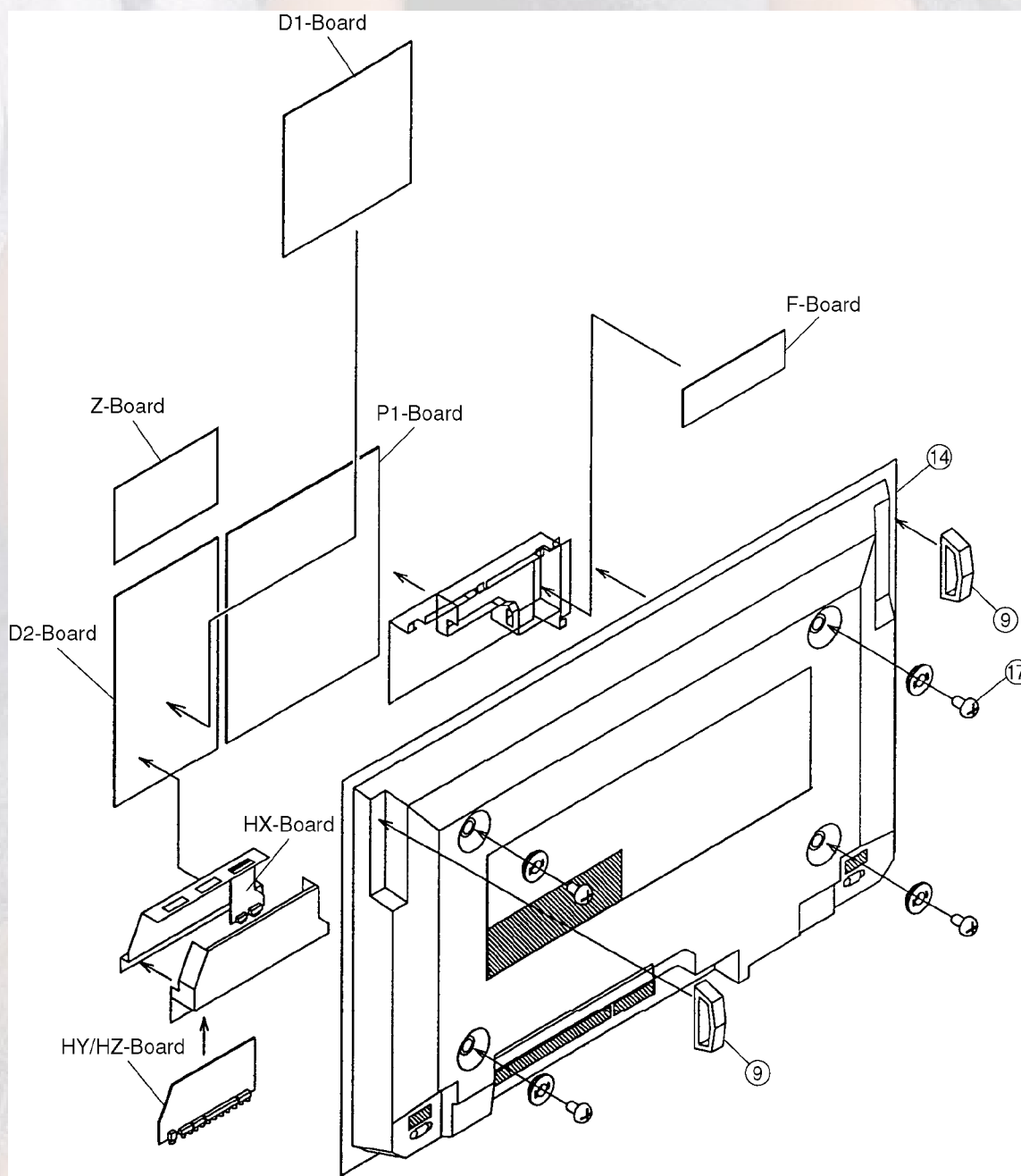
15.1. Parts Location1



15.2. Parts Location2



15.3. Parts Location3



16 Mechanical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	EUR646525	REMOTE CONTROL	1	
	FBL06A12LS	FAN	1	
	J0KD00000049	FLAT CORE	4	
	J0KF00000018	FILTER	1	
	J0KG00000054	NOISE FILTER	2	
	K1LB03A00067	CONNECTOR	1	
	K2CG3DE00025	AC CORD	1	UY/UZ VERSION △
	K2CK3DE00013	AC CORD	1	AY/AZ VERSION △
	K2CN3DE00004	AC CORD	1	EX/FY/FZ/RX/RZ VERSION △
	K2CT3DE00013	AC CORD	1	EX/FY/FZ/RX/RZ VERSION △
	K5Y802B00001	FUSE	2	△
1	MD42H05A1J	PLASMA DISPLAY PANEL	1	
2	TBMA008	PANASONIC BADGE	1	PHD5 TH-42PHW5UZ
2	TBMA118	PANASONIC BADGE	1	TH-42PHW5AZ/BX/EX/FZ/HZ/RX/RZ
3	TBXA28202A	POWER BUTTON	1	PHD5
3	TBXA28207A	POWER BUTTON	1	TH-42PHW5AZ/BX/EX/FZ/HZ/RX/RZ
3	TBXA28208A	POWER BUTTON	1	TH-42PHW5UZ
4	TBXA28502A	HINDGE BUTTON	1	PHD5
4	TBXA28507A	HINDGE BUTTON	1	TH-42PHW5AZ/BX/EX/FZ/HZ/RX/RZ
4	TBXA28508A	HINDGE BUTTON	1	TH-42PHW5UZ
5	TESD031	SPRING	1	
	THEA068N	SCREW	4	
	THEL023Z	SCREW	9	
	THEL027N	SCREW	19	
	THTF003Y	SCREW	33	
6	TKGA5084	FRONT GLASS	1	EXCET TH-42PHW5UZ
6	TKGA5089	FRONT GLASS	1	TH-42PHW5UZ
7	TKKC5105	LED PANEL	1	
8	TKPA43802	REMOCON RECEIVE PANEL	1	TH-42PHW5UZ
8	TKPA60301	REMOCON RECEIVE PANEL	1	PHD5
8	TKPA60302	REMOCON RECEIVE PANEL	1	TH-42PHW5AZ/BX/EX/FZ/HZ/RX/RZ
9	TKRA29801	HANDLE	2	
	TMKG288	CUSHION	2	
	TMKG289	CUSHION	2	
	TMXX236	INSULATOR	1	
	TMM15414-2	CLAMPER	2	
	TMM25401	CLAMPER	3	
	TMM7464-2	CLAMPER	2	
	TMM7468-1	CLAMPER	2	
10	TMMD007-1	BRACKET (RIGHT)	1	TMMD007
11	TMMD008-1	BRACKET (LEFT)	1	TMMD008
	TMME047	CLAMPER	4	
	TMME061	CLAMPER	2	
	TMME075	EADG SADOLE	2	
	TMME144	CLAMPER	2	
	TMME152	CLAMPER	2	
	TMME187	CLAMPER	2	
	TMME190	CLAMPER	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
12	TMWC006-1	POWER BUTTON BRACKET	1	
	TMXX021-1	CORE HOLDER	4	
	TPCA95872	CARTON BOX	1	TH-42PHD5UY △
	TPCA95873	CARTON BOX	1	TH-42PHW5UZ △
	TPCA95874	CARTON BOX	1	TH-42PHD5EX △
	TPCA95875	CARTON BOX	1	TH-42PHW5EX △
	TPCA95876	CARTON BOX	1	TH-42PHD5RY △
	TPCA95877	CARTON BOX	1	TH-42PHD5BX △
	TPCA95878	CARTON BOX	1	TH-42PHD5AY △
	TPCA95879	CARTON BOX	1	TH-42PHD5HY △
	TPCA95880	CARTON BOX	1	TH-42PHW5RZ △
	TPCA95881	CARTON BOX	1	TH-42PHW5BX △
	TPCA95882	CARTON BOX	1	TH-42PHW5HZ △
	TPCA95883	CARTON BOX	1	TH-42PHW5AZ △
	TPCA95886	CARTON BOX	1	TH-42PHD5FY △
	TPCA95887	CARTON BOX	1	TH-42PHW5FZ △
	TPCA95901A	BOTTOM CARTON	1	
	TPD169487	JOINT	4	
	TPDA0510-1	CUSHION (UPPER RIGHT)	1	
	TPDA0511-1	CUSHION (UPPER LEFT)	1	
	TPDA0512	CUSHION (UPPER CENTER)	1	
	TPDA0513	CUSHION (BOTTOM RIGHT)	1	
	TPDA0514	CUSHION (BOTTOM LEFT)	1	
	TPDA0515-2	CUSHION (BOTTOM CENTER)	1	
	TPDF0596	CUSHION	1	
	TPDF0737	PAPER BOX	1	
	TPEH170	PROTECT COVER	1	
	TQBC0453-1	INSTRUCTION BOOK (ENGLISH)	1	TH-42PHW5UZ △
	TQBC0454-1	INSTRUCTION BOOK (FRENCH)	1	TH-42PHW5UZ △
	TQBC0455-1	INSTRUCTION BOOK (SPANISH)	1	TH-42PHW5UZ △
	TQBC0456-1	INSTRUCTION BOOK (ENGLISH)	1	TH-42PHD5UY △
	TQBC0457-1	INSTRUCTION BOOK (FRENCH)	1	TH-42PHD5UY △
	TQBC0458-1	INSTRUCTION BOOK (SPANISH)	1	TH-42PHD5UY △
	TQBC0459-2	INSTRUCTION BOOK (ENGLISH)	1	TH-42PHW5EX △
	TQBC0460-2	INSTRUCTION BOOK (GERMANY)	1	TH-42PHW5EX △
	TQBC0461-2	INSTRUCTION BOOK (FRENCH)	1	TH-42PHW5EX △
	TQBC0462-2	INSTRUCTION BOOK (ITALIAN)	1	TH-42PHW5EX △
	TQBC0463-2	INSTRUCTION BOOK (SPANISH)	1	TH-42PHW5EX △
	TQBC0464-2	INSTRUCTION BOOK (DUTCH)	1	TH-42PHW5EX △
	TQBC0465-2	INSTRUCTION BOOK (DANISH)	1	TH-42PHW5EX △
	TQBC0466-2	INSTRUCTION BOOK (SWEDISH)	1	TH-42PHW5EX △

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	TQBC0467-2	INSTRUCTION BOOK (ENGLISH)	1	TH-42PHD5EX △
	TQBC0468-2	INSTRUCTION BOOK (GERMANY)	1	TH-42PHD5EX △
	TQBC0469-2	INSTRUCTION BOOK (FRENCH)	1	TH-42PHD5EX △
	TQBC0470-2	INSTRUCTION BOOK (ITALIAN)	1	TH-42PHD5EX △
	TQBC0471-2	INSTRUCTION BOOK (SPANISH)	1	TH-42PHD5EX △
	TQBC0472-2	INSTRUCTION BOOK (DUTCH)	1	TH-42PHD5EX △
	TQBC0473-2	INSTRUCTION BOOK (DANISH)	1	TH-42PHD5EX △
	TQBC0474-2	INSTRUCTION BOOK (SWEDISH)	1	TH-42PHD5EX △
	TQBC0475-1	INSTRUCTION BOOK (ENGLISH)	1	TH-42PHW5AZ/HY/R Y △
	TQBC0476-1	INSTRUCTION BOOK (GERMANY)	1	TH-42PHW5RY △
	TQBC0477-1	INSTRUCTION BOOK (FRENCH)	1	TH-42PHW5RY △
	TQBC0478-1	INSTRUCTION BOOK (ITALIAN)	1	TH-42PHW5RY △
	TQBC0479-1	INSTRUCTION BOOK (SPANISH)	1	TH-42PHW5RY △
	TQBC0480-1	INSTRUCTION BOOK (ENGLISH)	1	TH-42PHD4AY/HY/R Y △
	TQBC0481-1	INSTRUCTION BOOK (GERMANY)	1	TH-42PHD5RY △
	TQBC0482-1	INSTRUCTION BOOK (FRENCH)	1	TH-42PHD5RY △
	TQBC0483-1	INSTRUCTION BOOK (ITALIAN)	1	TH-42PHD5RY △ ;
	TQBC0484-1	INSTRUCTION BOOK (SPANISH)	1	TH-42PHD5RY △
	TQBC0485-2	INSTRUCTION BOOK (ENGLISH)	1	TH-42PHW5BX △
	TQBC0486-2	INSTRUCTION BOOK (ENGLISH)	1	TH-42PHD5BX △
	TQBC0487	INSTRUCTION BOOK (KOREA)	1	TH-42PHW5FZ △
	TQBC0488	INSTRUCTION BOOK (KOREA)	1	TH-42PHD5FY △
	TSXL139	CABLE	1	
	TSXL212	CABLE (D31-C11)	1	
	TSXL213	CABLE (D32-C21)	1	
	TSXL214	CABLE (D33-C31)	1	
	TSXL215	CABLE (D34-C41)	1	
	TSXL216	CABLE	1	
	TSXL222	CABLE (C12-C22, C33-C43)	2	
13	TTEA0086	ESCUTCHEON	1	PHD5 △
13	TTEA0097	ESCUTCHEON	1	TH-42PHW5UZ △
13	TTEA0098	ESCUTCHEON	1	TH-42PHW5AZ/BX/R X/FZ/HZ/R Y △
14	TTUA0561	REAR COVER	1	TH-42PHD5UY △
14	TTUA0562	REAR COVER	1	TH-42PHW5UZ △
14	TTUA0563	REAR COVER	1	TH-42PHD5BX/EX △
14	TTUA0564	REAR COVER	1	TH-42PHW5BX/EX △
14	TTUA0568	REAR COVER	1	TH-42PHD5AY/HY/R Y △
14	TTUA0569	REAR COVER	1	TH-42PHW5AZ/HZ/R Z △
14	TTUA0593	REAR COVER	1	TH-42PHD5FY △
14	TTUA0594	REAR COVER	1	TH-42PHW5FZ △

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	TXAJS010LLS	AC INLET	1	K2AH3H000021 △
15	TXFMZ010JAS	STAND BRACKET	1	
	TXJSFLOLLS	SP LEAD (H37-Z4)	1	
	TXJSFROLLS	SP LEAD (H37-Z3)	1	
	XTB4+10A	SCREW	19	
	XTBT964	SCREW	2	
	XTS3+10J	SCREW	8	
	XTV3+6J	SCREW	2	
	XTW3+8T	SCREW	3	
	XYC4+FJ35FZ	SCREW	18	
	XYN3+F10	SCREW	15	
	XYN3+F10FZ	SCREW	2	
	XYN3+F8	SCREW	111	
	XYN4+E8	SCREW	1	
	XYN5+C20	SCREW	8	
	XYN8+F20FZ	SCREW	4	
	XZBT6506	POLY BAG	1	

17 Replacement Parts List

17.1. Replacement Parts List Notes

Important Safety Notice

*Components identified by $\triangle$ 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 $\triangle$ 100KOHM, ∇ , 1/4W
Type Allowance

2. Capacitor

Example:

ECKF1H103ZF $\triangle$ 0.01UF, ∇ , 50V
Type Allowance

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

Type	Allowance
C : Ceramic	C : $\pm 0.25\text{pF}$
E : Electrolytic	D : $\pm 0.5\text{pF}$
P : Polyester	F : $\pm 1\text{pF}$
Polypropylene	G : $\pm 3\text{pF}$
T : Tantalum	J : $\pm 5\text{pF}$
	K : $\pm 10\text{pF}$
	L : $\pm 15\text{pF}$
	M : $\pm 20\text{pF}$
	P : $+100\%, -0\%$
	Z : $+80\%, -20\%$

17.2. Electrical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C11	K1MN80B00002	CONNECTOR	1	
C12	K1MN20B00043	CONNECTOR	1	
C21	K1MN80B00002	CONNECTOR	1	
C22	K1MN20B00043	CONNECTOR	1	
C31	K1MN80B00002	CONNECTOR	1	
C32	K1KA12A00227	12P CONNECTOR	1	
C33	K1MN20B00043	CONNECTOR	1	
C41	K1MN80B00002	CONNECTOR	1	
C42	K1KA04A00199	4P CONNECTOR	1	
C43	K1MN20B00043	CONNECTOR	1	
C44	K1KA08A00232	8P CONNECTOR	1	
C081	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C400,01	ECKCNA222MEB	C 2200PF,	2	△
C402	ECQU2A105MGA	P 1UF, 250V	1	△
C403	ECQB1H473JF	P 0.047UF, J, 50V	1	
C404	ECKCNA222MEB	C 2200PF,	1	△
C406	ECQE6105JF	P 1UF, J, 630V	1	
C407	ECKD3A101KBP	C 100PF, K, 1KV	1	
C408	ECQB1H473JF	P 0.047UF, J, 50V	1	
C411,12	RETHC2W331L	E 330UF, 450V	2	△
C413	ECQU2A683MN	P 0.068UF, M, 250V	1	△
C414	ECA1HGG471	E 470UF, 50V	1	
C416	ECA2WGG220	E 22UF, 450V	1	△
C417	ECQV1H104JM	P 0.1UF, J, 50V	1	
C418	ECQE6105JF	P 1UF, J, 630V	1	
C419	ECKD3D392KBP	C 3900PF, K, 2KV	1	
C421	ECQE10104KF	P 0.1UF, K, 1KV	1	
C423	ECA1HGG220	E 22UF, 50V	1	
C424	ECQV1H104JM	P 0.1UF, J, 50V	1	
C425	ECA1HGG470	E 47UF, 25V	1	
C426	ECKD2H821KB2	C 820PF, K, 500V	1	ECKR2H821KB5
C427	ECKD3A101KBP	C 100PF, K, 1KV	1	
C428	ECQV1H104JM	P 0.1UF, J, 50V	1	
C429	ECA1HGG101	E 100UF, 50V	1	
C430	ECQB1H473JF	P 0.047UF, J, 50V	1	
C431,32	ECQE4474JF	P 0.47UF, K, 400V	2	
C433,34	ECKD3D102KBP	C 1000PF, K, 2KV	2	
C435	ECKD3A102KBP	C 1000PF, K, 1KV	1	
C437,38	ECKD2H561KB2	C 560PF, K, 500V	2	
C439	ECA1HGG470	E 47UF, 25V	1	
C440	EEUFCLC471	E 470UF, 16V	1	
C441-44	ECKD3A101KBP	C 100PF, K, 1KV	4	
C446	ECA1HGG102	E 100UF, 25V	1	
C447,48	ECQB1H103JF	P 0.01UF, J, 50V	2	
C450	ECQB1H103JF	P 0.01UF, J, 50V	1	
C451	ECQB1H222JF	P 2200PF, J, 50V	1	
C452	RETHC2C122K	E 1200UF, 160V	1	
C453,54	ECA1HGG222	E 2200UF, 25V	2	
C455,56	ECQE4105JF	P 1UF, K, 400V	2	
C458	ECKD2H103ZU	C 0.01UF, Z, 500V	1	
C462	EEUFCLC472	E 4700UF, 16V	1	
C464-66	ECKCNA222MEB	C 2200PF,	3	△
C467	ECA1CHG471	E 470UF, 16V	1	
C468	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C472	ECA1HGG220	E 22UF, 50V	1	
C473	EEUFCLB472	E 4700UF, 25V	1	
C474,75	ECQE6473JF	P 0.047UF, K, 400V	2	
C476	ECKDHT122KB	C 1200PF, 500V	1	
C477,78	RETHC2D152	E 1500UF, 160V	2	
C481	ECA1HGG220	E 22UF, 50V	1	
C485	EEUFCLA682	E 6800UF, 10V	1	
C486,87	ECQV1H105JM	P 1UF, J, 50V	2	
C491	RETHC2C122K	E 1200UF, 160V	1	
C492	ECKDHT332KB	C 3300PF, K, 500V	1	
C497	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C500	ECA1HGG470	E 47UF, 25V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C503	ECQB1H103JF	P 0.01UF, J, 50V	1	
C504	EEUEB1H470	E 47UF, 25V	1	
C505	EEUEB1H101	E 100UF, 25V	1	
C515	EEUFC1H330	E 33UF, 50V	1	
C516	ECQV1H104JM	P 0.1UF, J, 50V	1	
C517	ECQV1H473JM	P 0.047UF, J, 50V	1	
C519,20	ECKF1H223ZF	C 0.022UF, Z, 50V	2	
C600	ECA1HGG100	E 10UF, 50V	1	
C601	ECQV1H105JM	P 1UF, J, 50V	1	
C603	ECQB1H472JF	P 4700PF, J, 50V	1	
C604	ECA1HGG101	E 100UF, 25V	1	
C605	ECJ2XC1H331J	C 330PF, J, 50V	1	
C606	ECQV1H105JM	P 1UF, J, 50V	1	
C609	ECQV1H474JM	P 0.47UF, J, 50V	1	
C610	ECQV1H104JM	P 0.1UF, J, 50V	1	
C611	ECQV1H474JM	P 0.47UF, J, 50V	1	
C612	ECQB1H103JF	P 0.01UF, J, 50V	1	
C614	ECJ2XB1H104K	C 0.1UF, K, 25V	1	
C615	ECQV1H105JM	P 1UF, J, 50V	1	
C616	ECA1HGG101	E 100UF, 25V	1	
C617	ECQB1H103JF	P 0.01UF, J, 50V	1	
C618	ECA1HGG100	E 10UF, 50V	1	
C619,20	ECQB2472KF	P 4700PF, 200V	2	
C621	ECA1HGG100	E 10UF, 50V	1	
C622	ECKCWS102MEB	C 1000PF, M,	1	△
C650-52	ECJ2XF1H103Z	C 0.01UF, Z, 50V	3	ECJ2VF1H103Z
C653	ECQV1H104JM	P 0.1UF, J, 50V	1	
C654	ECJ2XC1H101J	C 100PF, J, 50V	1	
C655	ECA1HGG220	E 22UF, 50V	1	
C656	ECA1HGG010	E 1UF, 50V	1	
C657	ECQB1H102JF	P 1000PF, J, 50V	1	
C658	ECQB1H561JF	P 560PF, J, 50V	1	ECQB1H561JF3
C659	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C660	ECQB1H103JF	P 0.01UF, J, 50V	1	
C661	ECQB1H102JF	P 1000PF, J, 50V	1	
C662	EEUFC1H471	E 470UF, 25V	1	
C730	ECQB1H681JF	P 680PF, J, 50V	1	
C731	ECJ2XC1H471J	C 470PF, J, 50V	1	
C732	ECA1HGG220	E 22UF, 50V	1	
C733	ECJ2YB1C474K	C 0.47UF, K, 16V	1	
C734	EEUFC1H221	E 220UF, 50V	1	
C735	ECQV1H105JM	P 1UF, J, 50V	1	
C736	ECJ2XC1H271J	C 270PF, J, 50V	1	
C737	ECJ3XB1C105K	C 1UF, K, 16V	1	
C738	ECQB1H473JF	P 0.047UF, J, 50V	1	
C740	ECQB1H102JF	P 1000PF, J, 50V	1	
C741	ECA1HGG220	E 22UF, 50V	1	
C742	ECQB1H103JF	P 0.01UF, J, 50V	1	
C743,44	ECQV1H104JM	P 0.1UF, J, 50V	2	
C745	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C746	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C747	ECQB1H332JF	P 3300PF, J, 50V	1	
C748	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C749	ECJ2XC1H151J	C 150PF, J, 50V	1	
C750,51	ECJ2XF1H103Z	C 0.01UF, Z, 50V	2	ECJ2VF1H103Z
C752	ECA1HGG471	E 470UF, 25V	1	
C754	ECA1HGG470	E 47UF, 25V	1	
C755	ECJ2XF1H103Z	C 0.01UF, Z, 50V	1	ECJ2VF1H103Z
C756	ECA1HGG470	E 47UF, 25V	1	
C775,76	ECJ2XF1H103Z	C 0.01UF, Z, 50V	2	ECJ2VF1H103Z
C778-81	ECA1HGG010	E 1UF, 50V	4	
C782	ECA1HGG101	E 100UF, 25V	1	
C783	ECA1HGG470	E 47UF, 25V	1	
C784	ECJ2XF1H103Z	C 0.01UF, Z, 50V	1	ECJ2VF1H103Z
C785	ECA1HGG471	E 470UF, 25V	1	
C786	ECJ2XF1H103Z	C 0.01UF, Z, 50V	1	ECJ2VF1H103Z
C787	ECA1HGG470	E 47UF, 25V	1	
C900	ECQU2A105BN9	P 1UF, 250V	1	△

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C901,02	ECCKNA221KB7	C 220PF, M,	2	△
C903	ECQU2A224BN9	P 0.22UF, 250V	1	△
C904,05	ECCKNA221KB7	C 220PF, M,	2	△
C906	ECQU2A105MGA	P 1UF, 250V	1	△
C2312	ECJ2XF1H103Z	C 0.01UF, Z, 50V	1	ECJ2VF1H103Z
C2313	ECALH8G470	E 47UF, 50V	1	
C2314	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C2316,17	ECQV1H474JM	P 0.47UF, J, 50V	2	
C2318,19	ECJ2XC1H561J	C 560PF, J, 50V	2	
C2320-22	ECJ2XF1H104Z	C 0.1UF, Z, 50V	3	ECJ2VF1H104Z
C2323	ECALH8G221	E 220UF, 50V	1	
C2324	ECJ2XF1H104Z	C 0.1UF, Z, 50V	1	ECJ2VF1H104Z
C2325	ECALH8G221	E 220UF, 50V	1	
C2326,27	ECJ2XC1H221J	C 220PF, J, 50V	2	
C2328,29	ECJ2XF1H104Z	C 0.1UF, Z, 50V	2	ECJ2VF1H104Z
C2330	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C2331	ECJ2XC1H101J	C 100PF, J, 50V	1	
C2332	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C2333	ECJ2XC1H101J	C 100PF, J, 50V	1	
C2334,35	TCUY1C225KBM	C 2.2UF, 16V	2	F1K1C225A026
C2336,37	ECJ2XB1H473K	C 0.047UF, K, 50V	2	
C2338,39	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C2340-43	ECJ2XF1H104Z	C 0.1UF, Z, 50V	4	ECJ2VF1H104Z
C2344-47	EEUGZ1D1028B	E 100UF, 20V	4	
C2348	ECJ2XF1H103Z	C 0.01UF, Z, 50V	1	ECJ2VF1H103Z
C2349,50	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C2417	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C2419	EEVHB1C100	E 10UF, 16V	1	
C2422	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C2423	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2426	ECJ2XB1H153K	C 0.015UF, K, 50V	1	
C2427	EEVHB1C100	E 10UF, 16V	1	
C2429	EEAG1C101	E 100UF, 16V	1	
C2431	ECJ2XF1H103Z	C 0.01UF, Z, 50V	1	ECJ2VF1H103Z
C2433	ECJ2XB1H393K	C 0.039UF, K, 50V	1	
C2434	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C2435	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2436	TCUY1C105KBM	C 1UF, 16V	1	F1K1C105A026
C2437,38	EEAG1C101	E 100UF, 16V	2	
C2440,41	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C2442	ECJ2XF1C105Z	C 1UF, Z, 16V	1	ECJ2VF1C105Z
C2450	EEVHB1C100	E 10UF, 16V	1	
C2451	EEVHB1E4R7	E 4.7UF, 25V	1	
C2452	ECJ2XB1H562K	C 5600PF, K, 50V	1	
C2453	ECJ2XF1H104Z	C 0.1UF, Z, 50V	1	ECJ2VF1H104Z
C2454	EEVHB1E4R7	E 4.7UF, 25V	1	
C2457	EEVHB1E4R7	E 4.7UF, 25V	1	
C2458	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C2459	TCUY1C105KBM	C 1UF, 16V	1	F1K1C105A026
C2460	ECJ2XB1H473K	C 0.047UF, K, 50V	1	
C2461	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C2463	ECJ2XB1H473K	C 0.047UF, K, 50V	1	
C2466,67	TCUY1C105KBM	C 1UF, 16V	2	F1K1C105A026
C2480	ECJ2XF1C105Z	C 1UF, Z, 16V	1	ECJ2VF1C105Z
C2484	ECJ2XF1H103Z	C 0.01UF, Z, 50V	1	ECJ2VF1H103Z
C3001-03	ECJ2XF1C105Z	C 1UF, Z, 16V	3	ECJ2VF1C105Z
C3004	ECJ1XF1H103Z	C 0.01UF, Z, 50V	1	ECJ1VF1H103Z
C3005-07	ECJ2XF1C105Z	C 1UF, Z, 16V	3	ECJ2VF1C105Z
C3008,09	ECJ1XF1H103Z	C 0.01UF, Z, 50V	2	ECJ1VF1H103Z
C3010-12	ECJ2XF1C105Z	C 1UF, Z, 16V	3	ECJ2VF1C105Z
C3013,14	ECJ1XF1H103Z	C 0.01UF, Z, 50V	2	ECJ1VF1H103Z
C3015-17	ECJ2XF1C105Z	C 1UF, Z, 16V	3	ECJ2VF1C105Z
C3018	ECJ1XF1H103Z	C 0.01UF, Z, 50V	1	ECJ1VF1H103Z
C3019	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C3020	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3021	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C3022	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C3023	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3024	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C3026	ECJ1XF1H103Z	C 0.01UF, Z, 50V	1	ECJ1VF1H103Z
C3027	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C3028	ECJ1XF1H103Z	C 0.01UF, Z, 50V	1	ECJ1VF1H103Z
C3029	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C3030,31	ECJ1XF1H103Z	C 0.01UF, Z, 50V	2	ECJ1VF1H103Z
C3032	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C3033-35	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C3036	ECJ1XF1H103Z	C 0.01UF, Z, 50V	1	ECJ1VF1H103Z
C3037-39	EEVHB1C470	E 47UF, 16V	3	EEVHB1C470P
C3040,41	ECJ2XF1C105Z	C 1UF, Z, 16V	2	ECJ2VF1C105Z
C3042	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C3049,50	ECJ1XB1C104K	C 0.1UF, K, 16V	2	ECJ1VB1C104K
C3301,02	ECJ2XB1E104K	C 0.1UF, K, 25V	2	
C3303,04	EEVHB1C470	E 47UF, 16V	2	EEVHB1C470P
C3305	ECJ2XF1H103Z	C 0.01UF, Z, 50V	1	ECJ2VF1H103Z
C3306,07	ECJ2XF1C105Z	C 1UF, Z, 16V	2	ECJ2VF1C105Z
C3309	ECJ2XF1C104Z	C 0.1UF, Z, 16V	1	ECJ2VF1C104Z
C3310	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C3311	ECJ2XF1C104Z	C 0.1UF, Z, 16V	1	ECJ2VF1C104Z
C3312,13	EEVHB1C470	E 47UF, 16V	2	EEVHB1C470P
C3314	ECJ2XF1C104Z	C 0.1UF, Z, 16V	1	ECJ2VF1C104Z
C3351,52	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3353-60	ECJ2XF1C105Z	C 1UF, Z, 16V	8	ECJ2VF1C105Z
C3361	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C3362	ECJ2XF1C104Z	C 0.1UF, Z, 16V	1	ECJ2VF1C104Z
C3363	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C3364	ECJ2XF1C104Z	C 0.1UF, Z, 16V	1	ECJ2VF1C104Z
C3365	ECJ2XF1H103Z	C 0.01UF, Z, 50V	1	ECJ2VF1H103Z
C3404	ECJ2XF1C104Z	C 0.1UF, Z, 16V	1	ECJ2VF1C104Z
C3405	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C3406	ECJ2XF1C104Z	C 0.1UF, Z, 16V	1	ECJ2VF1C104Z
C3407	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C3409	ECJ2XF1C104Z	C 0.1UF, Z, 16V	1	ECJ2VF1C104Z
C3410	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C3501	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3502	EEVHP1E220	E 22UF, 25V	1	EEVHP1E220P
C3503,04	EEVHP1E100	E 10UF, 25V	2	
C3505	ECJ2XF1C105Z	C 1UF, Z, 16V	1	ECJ2VF1C105Z
C3506	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C3507	ECJ2XF1C104Z	C 0.1UF, Z, 16V	1	ECJ2VF1C104Z
C3509-12	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C3516-18	EEVHB1C470	E 47UF, 16V	3	EEVHB1C470P
C3520	ECJ2XF1H103Z	C 0.01UF, Z, 50V	1	ECJ2VF1H103Z
C3521	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C3523	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C3524	ECJ2XF1H103Z	C 0.01UF, Z, 50V	1	ECJ2VF1H103Z
C3529-31	ECJ3XB0J106M	C 10UF, M,6.3V	3	
C3533,34	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3542	ECJ2XF1C104Z	C 0.1UF, Z, 16V	1	ECJ2VF1C104Z
C3544	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C3550	ECJ2XF1H103Z	C 0.01UF, Z, 50V	1	ECJ2VF1H103Z
C3551	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C3561,62	ECJ2XF1C105Z	C 1UF, Z, 16V	2	ECJ2VF1C105Z
C3591,92	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C3593	ECJ2XF1E104Z	C 0.1UF, Z, 25V	1	ECJ2VF1E104Z
C3594,95	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C3700	ECJ2XF1C105Z	C 1UF, Z, 16V	1	ECJ2VF1C105Z
C3701	ECJ1XB1C104K	C 0.1UF, K, 16V	1	ECJ1VB1C104K
C3702	ECJ2XF1C105Z	C 1UF, Z, 16V	1	ECJ2VF1C105Z
C3703	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C3704	ECJ1XB1C104K	C 0.1UF, K, 16V	1	ECJ1VB1C104K
C3706	ECJ2XF1C105Z	C 1UF, Z, 16V	1	ECJ2VF1C105Z
C3708	EEVHB0G221	E 220UF, 4V	1	
C3709	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3710-13	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C3714	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3715	EEVHB0G221	E 220UF, 4V	1	
C3716	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3717,18	EEVHB1C470	E 47UF, 16V	2	EEVHB1C470P
C3723	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C3726	ECJ2XF1C104Z	C 0.1UF, Z, 16V	1	ECJ2VF1C104Z
C3727,28	ECJ3XB0J106M	C 10UF, M,6.3V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3729	ECJ2XB1H471K	C 470PF, K, 50V	1	
C3801	ECJ2XF1C105Z	C 10UF, Z, 16V	1	ECJ2VF1C105Z
C3802	EEVHB1C470P	E 470UF, 16V	1	EEVHB1C470P
C3803	ECJ2XF1C105Z	C 10UF, Z, 16V	1	ECJ2VF1C105Z
C3804	ECJ1XC1H470J	C 47PF, J, 50V	1	
C3805	ECJ1XC1H220J	C 22PF, J, 50V	1	
C3806	ECJ1XC1H680J	C 68PF, J, 50V	1	
C3808	EEVHP1E220P	E 22UF, 25V	1	EEVHP1E220P
C3809	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3810	EEVHB0J220	E 22UF, 6.3V	1	
C3812	ECJ2XF1C105Z	C 10UF, Z, 16V	1	ECJ2VF1C105Z
C3815	EEVHB1C470P	E 470UF, 16V	1	EEVHB1C470P
C3816	EEVHP1E100	E 10UF, 25V	1	
C3817	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3818	ECJ1XB1H103K	C 0.01UF, K, 50V	1	ECJ1VB1H103K
C3819	ECJ2XF1C105Z	C 10UF, Z, 16V	1	ECJ2VF1C105Z
C3820	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3821	ECJ1XB1H103K	C 0.01UF, K, 50V	1	ECJ1VB1H103K
C3823	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3824,25	ECJ2XF1C105Z	C 10UF, Z, 16V	2	ECJ2VF1C105Z
C3826	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3828,29	ECJ2XF1C105Z	C 10UF, Z, 16V	2	ECJ2VF1C105Z
C3830,31	ECJ1XC1H180J	C 18PF, J, 50V	2	
C3832-34	ECJ2XF1C105Z	C 10UF, Z, 16V	3	ECJ2VF1C105Z
C3835	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3836-38	ECJ2XF1C105Z	C 10UF, Z, 16V	3	ECJ2VF1C105Z
C3840	ECJ2XF1C105Z	C 10UF, Z, 16V	1	ECJ2VF1C105Z
C3841	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3842	ECJ1XB1C104K	C 0.1UF, K, 16V	1	ECJ1VB1C104K
C3843	ECJ2XF1C105Z	C 10UF, Z, 16V	1	ECJ2VF1C105Z
C3844	EEVHB0J152	E 1500UF, 6.3V	1	
C3845,46	ECJ2XF1C105Z	C 10UF, Z, 16V	2	ECJ2VF1C105Z
C3848-50	ECJ2XF1C105Z	C 10UF, Z, 16V	3	ECJ2VF1C105Z
C3852,53	ECJ2XF1C105Z	C 10UF, Z, 16V	2	ECJ2VF1C105Z
C3854	ECJ1XC1H080C	C 8PF, C, 50V	1	ECJ1VC1H080C
C3855-57	ECJ2XF1C105Z	C 10UF, Z, 16V	3	ECJ2VF1C105Z
C3858	EEVHB0G221	E 220UF, 4V	1	
C3859,60	EEVHB0J152	E 1500UF, 6.3V	2	
C3861	ECJ2XF1C105Z	C 10UF, Z, 16V	1	ECJ2VF1C105Z
C3862	ECJ1XB1H103K	C 0.01UF, K, 50V	1	ECJ1VB1H103K
C3863	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3864	ECJ2XF1C105Z	C 10UF, Z, 16V	1	ECJ2VF1C105Z
C3865	ECJ1XB1C104K	C 0.1UF, K, 16V	1	ECJ1VB1C104K
C3866	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3867	ECJ1XF1H103Z	C 0.01UF, Z, 50V	1	ECJ1VF1H103Z
C3868	ECJ2XF1C105Z	C 10UF, Z, 16V	1	ECJ2VF1C105Z
C3869	ECJ1XC1H330J	C 33PF, J, 50V	1	
C3870,71	ECJ2XF1C105Z	C 10UF, Z, 16V	2	ECJ2VF1C105Z
C3872	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3873	ECJ1XB1C104K	C 0.1UF, K, 16V	1	ECJ1VB1C104K
C3874	ECJ1XB1H103K	C 0.01UF, K, 50V	1	ECJ1VB1H103K
C3875	ECJ2XF1C105Z	C 10UF, Z, 16V	1	ECJ2VF1C105Z
C3876	ECJ1XB1H102K	C 1000PF, K, 50V	1	ECJ1VB1H102K
C3877	ECJ1XB1C104K	C 0.1UF, K, 16V	1	ECJ1VB1C104K
C3878-83	ECJ2XF1C105Z	C 10UF, Z, 16V	6	ECJ2VF1C105Z
C3884	ECJ1VB1H153K	C 0.15UF, K, 50V	1	
C3885	ECJ2XF1C105Z	C 10UF, Z, 16V	1	ECJ2VF1C105Z
C3886	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3887	ECJ2XF1C105Z	C 10UF, Z, 16V	1	ECJ2VF1C105Z
C3888	ECJ1XC1H101J	C 100PF, J, 50V	1	
C3889	ECJ1XB1H472K	C 4700PF, K, 50V	1	ECJ1VB1H472K
C3890	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C3891,92	ECJ2XF1C105Z	C 10UF, Z, 16V	2	ECJ2VF1C105Z
C3893	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3894	EEVHB0G221	E 220UF, 4V	1	
C3896	ECJ2XF1C105Z	C 10UF, Z, 16V	1	ECJ2VF1C105Z
C3897	ECJ1XC1H680J	C 68PF, J, 50V	1	
C3898	ECJ2XF1C105Z	C 10UF, Z, 16V	1	ECJ2VF1C105Z
C3899	ECJ1XC1H330J	C 33PF, J, 50V	1	
C4518	ECJ1VB1H152K	C 1500PF, K, 50V	1	
C4551	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C6401-06	TCUY1C105ZFN	C 1UF, 16V	6	F1J1C1050006
C6407	ECJ2XB1H222K	C 2200PF, K, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6408	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6417-20	TACCP2E104MT	C 0.1UF, 250V	4	F1L2E1040002
C6421-26	TCUY1C105ZFN	C 1UF, 16V	6	F1J1C1050006
C6427	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C6428	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6437-40	TACCP2E104MT	C 0.1UF, 250V	4	F1L2E1040002
C6452	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6453	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6454	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6455	EEUFC1E221	E 220UF, 25V	1	
C6456	ECA2CM101	E 100UF, 160V	1	
C6457	EEUFC1E221	E 220UF, 25V	1	
C6458	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6459	EEUFC1E470	E 47UF, 25V	1	
C6461	ECA1EM471	E 470UF, 50V	1	
C6462,63	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6464,65	ECA2CEG2R2	E 2.2UF, 160V	2	
C6472	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6473	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6474	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6475	EEUFC1E221	E 220UF, 25V	1	
C6476	ECA2CM101	E 100UF, 160V	1	
C6490,91	ECJ3XB2J102K	C 1000PF, K, 630V	2	
C6492	EEUFD2V100	E 10UF,	1	
C6493	ECJ3XB2J222K	C 2200PF, K, 630V	1	
C6501-08	TCUY1C105ZFN	C 1UF, 16V	8	F1J1C1050006
C6509	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6511,12	ECJ3XB1E105K	C 1UF, K, 25V	2	ECJ3YB1E105K
C6513	ECA2CM101	E 100UF, 160V	1	
C6521	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6522	EEUFC1E470	E 47UF, 25V	1	
C6524,25	ECJ3FC2D102J	C 1000PF, J,	2	
C6526	ECA2EHG4R7	E 4.7UF, 250V	1	
C6540	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6541,42	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6543-45	ECJ3FC2D102J	C 1000PF, J,	3	
C6546	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6550	ECA2CM101	E 100UF, 160V	1	
C6571	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6574-78	TCUY1C105ZFN	C 1UF, 16V	5	F1J1C1050006
C6580,81	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6584	ECJ3XB1E105K	C 1UF, K, 25V	1	ECJ3YB1E105K
C6585	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6598	ECA2CM101	E 100UF, 160V	1	
C6601-04	ECA2DEG221	E 220UF, 200V	4	
C6609	ECJ3XB1E105K	C 1UF, K, 25V	1	ECJ3YB1E105K
C6610	EEUFC1E221	E 220UF, 25V	1	
C6611-20	ECJ3XB2J102K	C 1000PF, K, 630V	10	
C6621,22	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6623	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6625	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6626	ECJ3XB1E105K	C 1UF, K, 25V	1	ECJ3YB1E105K
C6627,28	EEUFC1E470	E 47UF, 25V	2	
C6629	F2A2D1510004	E 150UF, 200V	1	
C6631-33	ECWF2205J8	P 2UF, 250V	3	
C6638	ECWF2205J8	P 2UF, 250V	1	
C6639	ECQE2105RKB	P 1UF, 250V	1	
C6650,51	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6652	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6653	ECQE2224KF	P 0.22UF, 250V	1	
C6681,82	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6683,84	EEUFC1E470	E 47UF, 25V	2	
C6685-94	ECJ3XB2J102K	C 1000PF, K, 630V	10	
C6701-08	ECWF2105J8	P 1UF, 250V	8	
C6709	ECQE2105RKB	P 1UF, 250V	1	
C6711-14	ECA2DEG221	E 220UF, 200V	4	
C6717	ECJ3XB1E105K	C 1UF, K, 25V	1	ECJ3YB1E105K
C6718-20	EEUFC1E221	E 220UF, 25V	3	
C6721	EEUFC1E470	E 47UF, 25V	1	
C6722,23	ECA2CM101	E 100UF, 160V	2	
C6724	ECA2DEG221	E 220UF, 200V	1	
C6726	EEUFC1E561	E 560UF, 25V	1	
C6727-46	ECJ3XB2J102K	C 1000PF, K, 630V	20	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6747,48	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6749	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6750,51	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6752	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6753	ECQE2224KF	F 0.22UF, 250V	1	
C6758-61	ECJ3XB1E105K	C 1UF, K, 25V	4	ECJ3VB1E105K
C6762-64	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C6784	ECJ3XB2J222K	C 2200PF, K, 630V	1	
C7101	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7102	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C7103-06	TCUY1C105ZFN	C 1UF, 16V	4	F1J1C1050006
C7107	F1K2A1040004	C 0.1UF, 100V	1	
C7111	ECJ3XB2A104K	C 0.1UF, Z, 100V	1	
C7113	ECJ3XB2A104K	C 0.1UF, Z, 100V	1	
C7115	ECJ3XB2A104K	C 0.1UF, Z, 100V	1	
C7117	ECJ3XB2A104K	C 0.1UF, Z, 100V	1	
C7150-52	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C7201	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7202	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C7203-06	TCUY1C105ZFN	C 1UF, 16V	4	F1J1C1050006
C7207	F1K2A1040004	C 0.1UF, 100V	1	
C7211	ECJ3XB2A104K	C 0.1UF, Z, 100V	1	
C7213	ECJ3XB2A104K	C 0.1UF, Z, 100V	1	
C7215	ECJ3XB2A104K	C 0.1UF, Z, 100V	1	
C7217	ECJ3XB2A104K	C 0.1UF, Z, 100V	1	
C7250-52	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C7301	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7302	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C7303-06	TCUY1C105ZFN	C 1UF, 16V	4	F1J1C1050006
C7307	F1K2A1040004	C 0.1UF, 100V	1	
C7310	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7311	ECJ3XB2A104K	C 0.1UF, Z, 100V	1	
C7313	ECJ3XB2A104K	C 0.1UF, Z, 100V	1	
C7316,17	ECJ3XB2A104K	C 0.1UF, Z, 100V	2	
C7350-52	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C7401	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7402	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C7403-06	TCUY1C105ZFN	C 1UF, 16V	4	F1J1C1050006
C7407	F1K2A1040004	C 0.1UF, 100V	1	
C7411	ECJ3XB2A104K	C 0.1UF, Z, 100V	1	
C7413	ECJ3XB2A104K	C 0.1UF, Z, 100V	1	
C7415	ECJ3XB2A104K	C 0.1UF, Z, 100V	1	
C7417	ECJ3XB2A104K	C 0.1UF, Z, 100V	1	
C7450-52	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C8001	ECJ1XF1H103Z	C 0.01UF, Z, 50V	1	ECJ1VF1H103Z
C8002	EEVHP1E220	E 22UF, 25V	1	EEVHP1E220P
C8003	ECJ1XB1E471K	C 470PF, K, 50V	1	ECJ1VB1E471K
C8005	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C8007	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8008	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C8009	TCUY1C475ZFN	C 4.7UF, 16V	1	F1K1C4750018
C8010	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026
C8011	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8012	ECJ1XB1H103K	C 0.01UF, K, 50V	1	ECJ1VB1H103K
C8013	ECJ3VB1C474K	C 0.47UF, K, 16V	1	
C8014,15	ECJ1XB1H103K	C 0.01UF, K, 50V	2	ECJ1VB1H103K
C8016	ECJ1XF1H103Z	C 0.01UF, Z, 50V	1	ECJ1VF1H103Z
C8017	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C8018	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C8019	ECJ2XF1C105Z	C 1UF, Z, 16V	1	ECJ2VF1C105Z
C8020	ECJ1XC1H101J	C 100PF, J, 50V	1	
C8021	ECJ2XC1H222J	C 2200PF, J, 50V	1	
C9000,01	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9002	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C9003	EEVHB0G221	E 220UF, 4V	1	
C9004	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9005	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9008-10	EEVHP1E220	E 22UF, 25V	3	EEVHP1E220P
C9011	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C9012	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9013	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9014	TCUY1C105KBM	C 1UF, 16V	1	F1K1C105A026
C9015	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9016	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9017-19	ECJ1XC1H030C	C 3PF, C, 50V	3	
C9021-24	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C9025,26	ECJ2XB1E473K	C 0.047UF, K, 25V	2	ECJ2VB1E473K
C9027	ECJ1XB1H102K	C 1000PF, K, 50V	1	ECJ1VB1H102K
C9028	ECJ2XB1E473K	C 0.047UF, K, 25V	1	ECJ2VB1E473K
C9031	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9032,33	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9034	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9035	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9036	TCUY1C105KBM	C 1UF, 16V	1	F1K1C105A026
C9037-39	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9040	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C9041	ECJ1VB1H392K	C 3900PF, K, 50V	1	
C9042	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9045	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9048,49	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9054	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9202	EEVHB0J330	E 33UF, 6.3V	1	
C9203	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9204-06	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9208-12	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	
C9213	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9215	TCUY1C105KBM	C 1UF, 16V	1	F1K1C105A026
C9216	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9217	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9218-20	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9225,26	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9229	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9236,37	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9243-46	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C9255	ECJ1XF1H103Z	C 0.01UF, Z, 50V	1	ECJ1VF1H103Z
C9256	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9258-60	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9261	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9262	ECJ3XC1H822J	C 8200PF, J, 50V	1	
C9263	ECJ2XB1C104K	C 0.1UF, K, 16V	1	ECJ2VB1C104K
C9264	ECJ2XB1E563K	C 0.056UF, K, 25V	1	ECJ2VB1E563K
C9265	TCUY1C105KBM	C 1UF, 16V	1	F1K1C105A026
C9266	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9267	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9268	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9269	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9300	ECJ1XB1C104K	C 0.1UF, K, 16V	1	ECJ1VB1C104K
C9302	ECJ1XB1C104K	C 0.1UF, K, 16V	1	ECJ1VB1C104K
C9304,05	EEVHB0G221	E 220UF, 4V	2	
C9306-08	ECJ1XB1C104K	C 0.1UF, K, 16V	3	ECJ1VB1C104K
C9310	ECJ1XB1C104K	C 0.1UF, K, 16V	1	ECJ1VB1C104K
C9312	ECJ1XB1C104K	C 0.1UF, K, 16V	1	ECJ1VB1C104K
C9314	EEVHB0G221	E 220UF, 4V	1	
C9315	ECJ1XB1C104K	C 0.1UF, K, 16V	1	ECJ1VB1C104K
C9316	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9317	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9318	TCUY1C105KBM	C 1UF, 16V	1	F1K1C105A026
C9319	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9320	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9353	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9354	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9355	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C9356	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9357	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C9358	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9361-66	ECJ1XC1H101J	C 100PF, J, 50V	6	
C9367	ECJ1XF1H103Z	C 0.01UF, Z, 50V	1	ECJ1VF1H103Z
C9368	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9369,70	ECJ1XF1H103Z	C 0.01UF, Z, 50V	2	ECJ1VF1H103Z
C9371	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9372	ECJ1XF1H103Z	C 0.01UF, Z, 50V	1	ECJ1VF1H103Z
C9373	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9374	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9375	ECJ1XF1H103Z	C 0.01UF, Z, 50V	1	ECJ1VF1H103Z
C9377,78	ECJ1XF1H103Z	C 0.01UF, Z, 50V	2	ECJ1VF1H103Z
C9379,80	ECJ1XC1H100D	C 10PF, D, 50V	2	
C9381	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9382	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9383	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9385	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9387,88	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9390,91	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9392	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9393	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9400	EECS5R5V155	E 1.5UF, 5.5V	1	
C9401	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9402,03	ECJ1XC1H150J	C 15PF, J, 50V	2	
C9450	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9451	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9452,53	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9454	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9455-60	ECJ1XF1C104Z	C 0.1UF, Z, 16V	6	
C9464	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9465	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9466,67	ECJ1XC1H330J	C 33PF, J, 50V	2	
C9468	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9469	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9470	TCUY1C105KBM	C 1UF, 16V	1	F1K1C105A026
C9472	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9502	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9503	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C9504	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9506	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9507,08	F2G0J1010021	E 100UF 6.3V	2	
C9526	ECJ1XF1H103Z	C 0.01UF, Z, 50V	1	ECJ1VF1H103Z
C9528-31	F2G1C4700030	E 47UF, 16V	4	
C9532,33	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C9534	ECJ3VB1C104K	C 0.1UF, Z, 16V	1	
C9543	EEVHB0G221	E 220UF, 4V	1	
C9544	F2G0J1010021	E 100UF 6.3V	1	
C9570	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9573	EEVHB0G221	E 220UF, 4V	1	
C9574	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9575-77	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9579,80	TCUY0J685MBM	C 6.8UF, 6.3V	2	F1K0J685A003
C9583	ECJ1XB1H102K	C 1000PF, K, 50V	1	ECJ1VB1H102K
C9584,85	ECJ2XB1H104K	C 0.1UF, K, 25V	2	
C9586	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9587	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C9588	F2G0J1010021	E 100UF 6.3V	1	
C9589	ECJ2XC1H222J	C 2200PF, J, 50V	1	
C9590	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9591	F2G0J1010021	E 100UF 6.3V	1	
C9602,03	ECJ1XC1H101J	C 100PF, J, 50V	2	
C9608,09	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9610-13	ECJ3XF1C475Z	C 4.7UF, Z, 16V	4	
C9614-41	ECJ1XF1C104Z	C 0.1UF, Z, 16V	28	
C9642	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9643,44	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9645	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9647	ECJ1XC1H100D	C 10PF, D, 50V	1	
C9648	ECJ1XC1H331J	C 330PF, Z, 50V	1	
C9649	ECJ1XC1H100D	C 10PF, D, 50V	1	
C9650	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9651	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9658	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9659,60	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9661	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9664,65	TCUY0J685MBM	C 6.8UF, 6.3V	2	F1K0J685A003
C9666,67	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9668	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9700	ECJ1XF1H103Z	C 0.01UF, Z, 50V	1	ECJ1VF1H103Z
C9701	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9702	ECJ1XF1H103Z	C 0.01UF, Z, 50V	1	ECJ1VF1H103Z
C9705	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9706,07	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9708	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9709-12	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C9713	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9714,15	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9716	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9717,18	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9719	TCUY1C105KBM	C 1UF, 16V	1	F1K1C105A026
C9721,22	ECJ1XC1H330J	C 33PF, J, 50V	2	
C9723	ECJ1XC1H471J	C 470PF, J, 50V	1	
C9724	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9725	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9726-29	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C9730	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C9731	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9800-05	ECJ1XF1C104Z	C 0.1UF, Z, 16V	6	
C9806	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9807-14	ECJ1XF1C104Z	C 0.1UF, Z, 16V	8	
C9815	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9880-84	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	
C9885	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9886-93	ECJ1XF1C104Z	C 0.1UF, Z, 16V	8	
C9894	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9895	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9901,02	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9903	EEVHB1C470	E 47UF, 16V	1	EEVHB1C470P
C9907	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9908	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9915	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9916	ECJ1XB1C563K	C 0.056UF, K, 16V	1	ECJ1VB1C563K
C9917,18	ECJ1XC1H330J	C 33PF, J, 50V	2	
C9922	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9923	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9924,25	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
CA1-A8	K1MN80B00001	1P CONNECTOR	8	
CB1-B8	K1MN80B00001	1P CONNECTOR	8	
D1	K1KA50B00064	50P CONNECTOR	1	
D2,D3	K1KA40B00076	40P CONNECTOR	2	
D4	K1KA12B00066	12P CONNECTOR	1	
D10	K1KA04A00199	4P CONNECTOR	1	
D12,13	K1KA50A00125	50P CONNECTOR	2	
D16	K1KA10A00317	10P CONNECTOR	1	
D17	K1KA08A00293	8P CONNECTOR	1	
D20	K1KA10A00266	10P CONNECTOR	1	
D21	K1KA11A00078	11P CONNECTOR	1	
D22,23	K1KA50A00125	50P CONNECTOR	2	
D25	K1KA08A00293	8P CONNECTOR	1	
D26	K1KA10A00317	10P CONNECTOR	1	
D27	K1KA09A00077	9P CONNECTOR	1	
D31-34	K1MN80B00002	CONNECTOR	4	
D081	LNJ107W5PRW	LED	1	
D082	MA8056M	ZENER DIODE	1	MAZ80560M
D400,01	D1NL40V70	DIODE	2	B0HALP000002
D402	B0FBFR000015	DIODE	1	△
D403	MA4300H	ZENER DIODE	1	MAZ43000H
D404	D1NL20UV70	DIODE	1	B0HAMM000072
D405	MA4300H	ZENER DIODE	1	MAZ43000H
D406	TVSRM10B	DIODE	1	B0EAKT000012
D407	B0FASR000001	DIODE	1	△
D408	MA4300H	ZENER DIODE	1	MAZ43000H
D411	D1NL40V70	DIODE	1	B0HALP000002
D412	MA165	DIODE	1	MA2C165
D413	D1NL40V70	DIODE	1	B0HALP000002
D414,15	RK34	DIODE	2	
D416,17	AK04	DIODE	2	B0JAMC000003
D418	D1NL40V70	DIODE	1	B0HALP000002
D419	TMPG10G3	DIODE	1	B0BA01000046
D420	ERZV10V621P2	VARIATOR	1	△
D421	S1WBA80	DIODE	1	B0EBKT000003

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D423	D1NL40V70	DIODE	1	B0HALP000002
D425	ERA22-10	DIODE	1	B0EAEV000002
D427	RC3B2LFU1	DIODE	1	
D428	D1NL20UV70	DIODE	1	B0HAMM000072
D429	MA2120A	ZENER DIODE	1	MAZ21200A
D431,32	PC123FY2	PHOTO COUPLER	2	B3PAA0000012 △
D433	TVSES1C	DIODE	1	B0HAGV000006
D434	EG01A	DIODE	1	B0HAGR000006
D435	MA167	DIODE	1	MA2C167
D436	B0BA02700021	DIODE	1	
D437	TVSRG2A	DIODE	1	B0EAKR000024
D438	FMX-G26S	DIODE	1	
D439,40	KU02	DIODE	2	
D441,42	S3L20U	DIODE	2	
D443,44	D4L20UAF4012	DIODE	2	B0HAQM000004
D445	PC123FY2	PHOTO COUPLER	1	B3PAA0000012 △
D446	MA4051M	ZENER DIODE	1	MAZ40510M
D455	MA165	DIODE	1	MA2C165
D459	MA700A	DIODE	1	MA2C700A
D460	MA165	DIODE	1	MA2C165
D461	D1NL20UV70	DIODE	1	B0HAMM000072
D462	RK34	DIODE	1	
D464-66	D1NL40V70	DIODE	3	B0HALP000002
D467-70	MA165	DIODE	4	MA2C165
D471	MA167	DIODE	1	MA2C167
D474	MA167	DIODE	1	MA2C167
D475	D1NL40V70	DIODE	1	B0HALP000002
D478	MA167	DIODE	1	MA2C167
D479	MA4056M	ZENER DIODE	1	MAZ40560M
D500-02	ERA15-02	DIODE	3	B0EAKM000016
D504	MA4047E	ZENER DIODE	1	MAZ40470E
D505	MA4082L	ZENER DIODE	1	MAZ40820L
D508	B0BA02700021	DIODE	1	
D509	MA4068E	ZENER DIODE	1	MAZ40680E
D510,11	ERA15-02	DIODE	2	B0EAKM000016
D512	D1NL40V70	DIODE	1	B0HALP000002
D515,16	ERA15-02	DIODE	2	B0EAKM000016
D604	PC123FY2	PHOTO COUPLER	1	B3PAA0000012 △
D605	MLF84	DIODE	1	
D606	PC123FY2	PHOTO COUPLER	1	B3PAA0000012 △
D607	MA3062M	ZENER DIODE	1	MAZ30620M
D613-15	MA111	DIODE	3	MA2J111
D650	MA3110M	ZENER DIODE	1	MAZ31100M
D651	MA111	DIODE	1	MA2J111
D653	MA3020	ZENER DIODE	1	
D654	MLF84	DIODE	1	
D655	MA3075M	ZENER DIODE	1	MAZ30750M
D656	MLF84	DIODE	1	
D657,58	D1FL40F4063	DIODE	2	B0EHP000001
D659	MA3075M	ZENER DIODE	1	MAZ30750M
D730	MA111	DIODE	1	MA2J111
D731-33	D1FL40F4063	DIODE	3	B0EHP000001
D734	MA111	DIODE	1	MA2J111
D735	MA3220-L	DIODE	1	MAZ32200LL
D736	D1FL40F4063	DIODE	1	B0EHP000001
D737	MLF84	DIODE	1	
D739	MA3220-L	DIODE	1	MAZ32200LL
D741	MA3033L	ZENER DIODE	1	MAZ30330L
D743	MLF84	DIODE	1	
D751,52	MA111	DIODE	2	MA2J111
D753	MA3033L	ZENER DIODE	1	MAZ30330L
D775,76	MA111	DIODE	2	MA2J111
D777	MA3039E	ZENER DIODE	1	MAZ30390E
D900	ERZV10V621P2	VARISTOR	1	△
D2301-04	MLF84	DIODE	4	
D2305,06	RU4AM	DIODE	2	
D2307	MA111	DIODE	1	MA2J111
D2308	MA152WK	DIODE	1	MA3X152E
D2316,17	MLF84	DIODE	2	
D3001	MA111	DIODE	1	MA2J111

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D3002	MLF84	DIODE	1	
D3351,52	MA153	DIODE	2	MA3X153
D3501-04	MA3056M	ZENER DIODE	4	MAZ30560M
D3505,06	MA153	DIODE	2	MA3X153
D3507	MA111	DIODE	1	MA2J111
D6401,02	MA8056E	ZENER DIODE	2	MAZ80560E
D6403,04	D1FL40F4063	DIODE	2	B0EHP000001
D6411,12	MA8056E	ZENER DIODE	2	MAZ80560E
D6413,14	D1FL40F4063	DIODE	2	B0EHP000001
D6452,53	MA111	DIODE	2	MA2J111
D6454	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6455	MA111	DIODE	1	MA2J111
D6456	D1FL40F4063	DIODE	1	B0EHP000001
D6457	MLFL20UF4063	DIODE	1	B0ECMM000009
D6458	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6459	MA111	DIODE	1	MA2J111
D6460,61	B0ECK8000001	DIODE	2	
D6465,66	MA8330M	ZENER DIODE	2	MAZ83300ML
D6467	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6468	MA111	DIODE	1	MA2J111
D6469	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6470	MA111	DIODE	1	MA2J111
D6472,73	MA111	DIODE	2	MA2J111
D6474	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6475	MA111	DIODE	1	MA2J111
D6476	D1FL40F4063	DIODE	1	B0EHP000001
D6477	MA8051L	DIODE	1	MAZ80510LL
D6478	B0ECK8000001	DIODE	1	
D6479	MA111	DIODE	1	MA2J111
D6480	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6481,82	MA8330M	ZENER DIODE	2	MAZ83300ML
D6491,92	D1FL40F4063	DIODE	2	B0EHP000001
D6495	B0ECK8000001	DIODE	1	
D6501-08	K7GBZE800002	PHOTO COUPLER	8	
D6509	MA111	DIODE	1	MA2J111
D6511	MLFL20UF4063	DIODE	1	B0ECMM000009
D6512-14	MA111	DIODE	3	MA2J111
D6520	MA111	DIODE	1	MA2J111
D6521	D1FL40F4063	DIODE	1	B0EHP000001
D6522	MA111	DIODE	1	MA2J111
D6523	D1FL40F4063	DIODE	1	B0EHP000001
D6524	MA8051L	DIODE	1	MAZ80510LL
D6525	MA111	DIODE	1	MA2J111
D6526	MLFL20UF4063	DIODE	1	B0ECMM000009
D6541	B0ECK8000001	DIODE	1	
D6542	MA111	DIODE	1	MA2J111
D6543	MA8051L	DIODE	1	MAZ80510LL
D6544	MA111	DIODE	1	MA2J111
D6545	MA8051L	DIODE	1	MAZ80510LL
D6546-48	MA8330M	ZENER DIODE	3	MAZ83300ML
D6549,50	MA111	DIODE	2	MA2J111
D6551,52	MA8051L	DIODE	2	MAZ80510LL
D6553	MA111	DIODE	1	MA2J111
D6570	MLFL20UF4063	DIODE	1	B0ECMM000009
D6572	D1FL40F4063	DIODE	1	B0EHP000001
D6582	MA8051L	DIODE	1	MAZ80510LL
D6583	LNJ201LPQJA	LED	1	
D6584	MA111	DIODE	1	MA2J111
D6585,86	MA8330M	ZENER DIODE	2	MAZ83300ML
D6600	D1FL40F4063	DIODE	1	B0EHP000001
D6605-10	MLF84	DIODE	6	
D6611-22	B0EDSM000004	DIODE	12	
D6623-29	SF20LC30F10	DIODE	7	
D6631,32	D1FL40F4063	DIODE	2	B0EHP000001
D6633,34	MLF84	DIODE	2	
D6641,42	D1FL40F4063	DIODE	2	B0EHP000001
D6643	MA111	DIODE	1	MA2J111
D6644	MA8051L	DIODE	1	MAZ80510LL
D6649	D1FL40F4063	DIODE	1	B0EHP000001
D6711-22	B0EDSM000004	DIODE	12	
D6723-29	SF20LC30F10	DIODE	7	
D6734-39	MLF84	DIODE	6	
D6740-42	D1FL40F4063	DIODE	3	B0EHP000001

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6743	MA111	DIODE	1	MA2J111
D6744	MA8051L	DIODE	1	MAZ80510LL
D6749,50	MLF84	DIODE	2	
D6751-53	D1FL40F4063	DIODE	3	B0ECHP000001
D6754	MA111	DIODE	1	MA2J111
D6755	MA8051L	DIODE	1	MAZ80510LL
D6756	MLF84	DIODE	1	
D6757	TMPG10G3	DIODE	1	B0BA01000046
D6758,59	MA8330M	ZENER DIODE	2	MAZ83300ML
D6760	LNJ201LPQJA	LED	1	
D6761	MA8051L	DIODE	1	MAZ80510LL
D6762,63	MA111	DIODE	2	MA2J111
D6764	LNJ201LPQJA	LED	1	
D6769	D1FL40F4063	DIODE	1	B0ECHP000001
D6770	MA111	DIODE	1	MA2J111
D6772	MA111	DIODE	1	MA2J111
D6773	D1FL40F4063	DIODE	1	B0ECHP000001
D7301-04	MA152K	DIODE	4	MA3X152K
D8001,02	MA111	DIODE	2	MA2J111
D9000	MA3036H	ZENER DIODE	1	MAZ30360H
D9001-09	MA3062M	ZENER DIODE	9	MAZ30620M
D9351	MA152K	DIODE	1	MA3X152K
D9352,53	MA3062M	ZENER DIODE	2	MAZ30620M
D9356	MA111	DIODE	1	MA2J111
D9550	B0JCPD000010	DIODE	1	
D9551	MA113	DIODE	1	MA2J113
D9552	MLF84	DIODE	1	
D9553	MA152K	DIODE	1	MA3X152K
D9901	MA152K	DIODE	1	MA3X152K
F900-1.	HYF-52BC	FUSE HOLDER	1	
F1	TJ83A9630	CONNECTOR	1	K1KA03A00183
F900-2.	HYF-52BC	FUSE HOLDER	1	
F9	TJ83A9630	CONNECTOR	1	K1KA03A00183
F901-1.,2.	HYF-52BC	FUSE HOLDER	2	
H1	K1KB50B00030	50P CONNECTOR	1	
H2	K1KB40B00015	40P CONNECTOR	1	
H37	TJ83A9640	3P CONNECTOR	1	K1KA03A00171
HK1	K1KB40B00015	40P CONNECTOR	1	
IC400	MIP0210SY1TV	IC (LOGIC)	1	
IC401	AN7718F	LINEAR IC	1	
IC403	AN7705F	LINEAR IC	1	
IC406	AN1431T	IC	1	C0DAEJC00003
IC407	C0DAAZG00006	IC	1	
IC411	PQ30RV21A	LINEAR IC	1	C0DAEZH00008
IC416	AN1431T	IC	1	C0DAEJC00003
IC600	C0ZAZ0000116	IC	1	
IC601	M51997P	LINEAR IC	1	C0CAALC00004
IC603,04	C0DAEJC00003	IC	2	
IC650	AN8026	LINEAR IC	1	
IC735	C0DACHC00002	IC	1	
IC736	AN6912	LINEAR IC	1	
IC737	AN78L05	LINEAR IC	1	
IC750	AN6912	LINEAR IC	1	
IC775	AN6912	LINEAR IC	1	
IC2301,02	TDA7480	LINEAR IC	2	C1AA00000561
IC2304	PQ09SZ1T	IC	1	C0CBAHG00005
IC2401	BH38658	LINEAR IC	1	C1BA00000302
IC3001	CIAB00001139	IC	1	
IC3002,03	MC14052BF	MOS IC (CMOS GATE ARRLY)	2	C0JBAR000021
IC3004	CXAL315M	LINEAR IC	1	C1AB00000440
IC3006	PQ09SZ1T	IC	1	C0CBAHG00005
IC3007,08	PQ12SZ1T	IC	2	C0CBAKG00003
IC3009	AHC2G66HDCTR	INTEGRATED CIRCUIT	1	C0JBAS0000109
IC3301	TC4W53F	MOS IC (CMOS S/LOGIC)	1	C0JBAR000024
IC3302	C0ABGB000001	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC3303	TC4W53F	MOS IC (CMOS S/LOGIC)	1	C0JBAR000024
IC3501	JLC1562BF	MOS IC (MICON LSI)	1	C0JBAA0001265
IC3502	TVRJ857	ROM IC	1	C3EBCC000020
IC3515	C0ZBZ0000205	IC	1	
IC3699	TVRJ784-2	ROM IC (EEPROM 16KBIT)	1	C3EAGC000010 (Y VERSION)
IC3699	TVRJ642-3	ROM IC	1	Z VERSION
IC3801	MM1065ZMR	IC	1	C0CBABB00029
IC3802	C0EBE0000066	IC	1	
IC3803	TVSA0500	IC	1	C3ABMG000074
IC3804	CIAB00001494	IC	1	
IC3805,06	MM1065ZMR	IC	2	C0CBABB00029
IC3809	TC74LCX244F	MOS IC (CMOS S/LOGIC)	1	C0JBAA0001234
IC4551	C0JBAA0000228	IC	1	
IC6401-06	C0HBC0000005	IC	6	
IC6407-12	C0HBC0000006	IC	6	C0HBC0000005
IC6451	AN1431M	LINEAR IC	1	
IC6452,53	AN78L15M	LINEAR IC	2	
IC6454	AN78L05M	LINEAR IC	1	
IC6471	AN1431M	LINEAR IC	1	
IC6491	AN1431M	LINEAR IC	1	
IC6501,02	TC74HC14AF	IC	2	C0JBAB0000155
IC6511	C0ZBZ0000561	IC	1	
IC6521	C0ZBZ0000561	IC	1	
IC6541,42	C0ZBZ0000561	IC	2	
IC6581	NJM2903M	INTEGRATED CIRCUIT	1	C0BBBA000019
IC6601,02	C0ZBZ0000562	IC	2	
IC6604	M63991FP	LINEAR IC	1	
IC6605,06	TC74HC244AF	IC	2	
IC6612	C0DBEZE00002	IC	1	
IC6671	AN1431M	LINEAR IC	1	
IC6701,02	C0ZBZ0000562	IC	2	
IC6704,05	C0ZBZ0000561	IC	2	
IC6706	TC74HC244AF	IC	1	
IC6707	NJM2903M	INTEGRATED CIRCUIT	1	C0BBBA000019
IC6708	C0DBEZE00002	IC	1	
IC6709	AN1431M	LINEAR IC	1	
IC7101	C0JBAA000005	IC	1	
IC7105-07	C0JBAA000005	IC	3	
IC7201	C0JBAA000005	IC	1	
IC7205-07	C0JBAA000005	IC	3	
IC7301	C0JBAA000005	IC	1	
IC7305-07	C0JBAA000005	IC	3	
IC7401	C0JBAA000005	IC	1	
IC7405-07	C0JBAA000005	IC	3	
IC8001	M52346SP	LINEAR IC	1	C1AA00000395
IC8002	TC74HC14AF	IC	1	C0JBAB0000155
IC9000	PQ09SZ1T	IC	1	C0CBAHG00005
IC9001	C0CBCBD00005	IC	1	
IC9002-04	C0ABBA000033	IC	3	
IC9006	C0CBCBD00005	IC	1	
IC9007	C0FBAD000069	IC	1	
IC9200	MN84504	MOS IC	1	
IC9203	C0CBCBD00005	IC	1	
IC9210	C3ABPJ000017	IC	1	
IC9212	TLC2933IPWL	IC	1	C0ABFA000012
IC9213	C0CBCBD00005	IC	1	
IC9300	C0ZBZ0000551	IC	1	
IC9301	C0CBCBD00005	IC	1	
IC9351	MN102L230	IC	1	
IC9353	HM538123BJ8Z	IC	1	C3HAHC000006
IC9354	TVRJ708-3	IC	1	
IC9355	TVRJ859	IC	1	
IC9356	C0JBAA0001201	IC	1	
IC9357	CLDB00000274	IC	1	
IC94508	TJ8B01108	IC SOCKET	1	
IC9450	TVRJ709-1	IC	1	
IC9451	C1ZBZ0001996	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC9452	TC74HCU04AF	MOS IC (CMOS S/LOGIC)	1	C0JBAB0000159
IC9453	C0EBE0000066	IC	1	
IC9455	C0CBCAD00007	IC	1	
IC9550	C0DBAZH00008	IC	1	
IC9551	C0DBAMH00006	IC	1	
IC9601	MN84505	MOS IC	1	
IC9602	C3ABPJ000043	IC	1	
IC9603	TVRJ665	IC	1	
IC9604	C0ZBZ0000423	IC	1	
IC9611	PQ07VZ012ZP	IC	1	C0DBEZG000004
IC9612	C0JBAZ0000855	IC	1	
IC9651	MN84505	MOS IC	1	
IC9652	C3ABPJ000043	IC	1	
IC9653	TVRJ666	IC	1	
IC9700S	TJSB01108	IC SOCKET	1	
IC9700	TVRJ710	INTEGRATED CIRCUIT	1	
IC9701	C1ZBZ0001996	IC	1	
IC9702	PST9128NR	IC (LOGIC)	1	C0EBE0000066
IC9703	C0CBCAD00007	IC	1	
IC9704	C0ZBZ0000423	IC	1	
IC9710-13	C0JBAZ001201	IC	4	
IC9801-12	C0JBAZ001201	IC	12	
IC9821-32	C0JBAZ001201	IC	12	
IC9900	C2BBFE000121	IC	1	
IC9902	M51957BFP	LINEAR IC	1	C0EBB0000024
IC9904	TC7SH32F	IC	1	C0JBAN0000191
JK3300	K2HA204B0097	JACK	1	Y VERSION
JK3301	K1CB106B0027	CONNECTOR	1	
JK3302	K1QBB2AB0005	CONNECTOR	1	Y VERSION
JK3303	K2HA204B0097	JACK	1	Y VERSION
JK3304	K1QBB5AB0003	CONNECTOR	1	Y VERSION
JK3305	K2HA306B0048	JACK	1	K10BB2AB0005 Z VERSION
JK3306	K2HA306B0049	JACK	1	K10BB5AB0003 Z VERSION
JK3307	K2HA204B0097	JACK	1	Z VERSION
JK3308	K2HA204B0096	JACK	1	K2HA204B0097 Z VERSION
JK3509	K1FB109B0058	CONNECTOR	1	
JK3511	TJ88A9880	CONNECTOR	1	K1FB115B0034
JK3513	K2HC103B0105	JACK	1	
JK8500	K4BC02B00013	TERMINAL	1	
JB1-24	ERJ3GEY0R00	M 0 OHM, 1/16W	24	
JB28-32	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
JB35	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JB401	ERDS2TC0	C 0 OHM, 1/4W	1	
JB2301	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JB8019	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L401	G4D4A0000037	SWITCHING TRANSFORMER	1	
L404	G0ZZ00002045	COIL	1	
L407	ELEXT100KA	PEAKING COIL	1	
L423,24	EXCELSA39	BEAD CHOKE	2	
L426	EXCELSA39	BEAD CHOKE	1	
L428	TLFF075	CHOKE COIL	1	G0A221G00004
L430	EXCELSA39	BEAD CHOKE	1	
L435	EXCELDLR25C	BEAD CHOKE	1	
L901	G0A143K00001	LINE CHOKE COIL	1	△
L902,03	G0B123K00001	CHOKE COIL	2	△
L2301,02	G0ZZ00002023	COIL	2	
L2303,04	EXCELDLR35C	BEAD CHOKE	2	
L2306	ELJPA100KB	CHIP INDUCTOR	1	
L3001-03	ELJPA100KB	CHIP INDUCTOR	3	
L3007,08	ELJPA100KB	CHIP INDUCTOR	2	
L3301	TLK20LFA223M	EMI FILTER	1	J0HABB000003
L3302,03	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3304,05	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3306,07	ELJPA100KB	CHIP INDUCTOR	2	
L3351,52	TLK20LFA223M	EMI FILTER	2	J0HABB000003

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L3353-55	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3356,57	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3358,59	ELJPA100KB	CHIP INDUCTOR	2	
L3501	ELJPA100KB	CHIP INDUCTOR	1	
L3507-09	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3510-13	TLK212T256AL	EMI FILTER	4	J0HABB000012
L3525,26	ELJPA100KB	CHIP INDUCTOR	2	
L3530	ELJPA100KB	CHIP INDUCTOR	1	
L3555	ELJPA100KB	CHIP INDUCTOR	1	
L3801,02	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3803	G1C100KA0008	INDUCTOR COIL	1	
L3804	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
L3806	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L3807	TALC168T2R2K	CHIP INDUCTOR COIL	1	G1C2R2K00006
L3808	G1C100KA0008	INDUCTOR COIL	1	
L3809	TALC325T4R7M	CHIP INDUCTOR COIL	1	
L3810,11	G1C100KA0008	INDUCTOR COIL	2	
L3813	TALC168T4R7K	CHIP INDUCTOR COIL	1	G1C4R7K00013
L3814-16	G1C100KA0008	INDUCTOR COIL	3	
L3817-19	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3820,21	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3822-25	ELKE103FA	NOISE FILTER	4	
L3826,27	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3828,29	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3830	ELJPA100KB	CHIP INDUCTOR	1	
L4551	ELJPA100KB	CHIP INDUCTOR	1	
L6451,52	J0JJC0000021	CHIP INDUCTOR	2	
L6471	J0JJC0000021	CHIP INDUCTOR	1	
L6607,08	J0JJC0000021	CHIP INDUCTOR	2	
L6611,12	G0A1R0L00001	CHOKE COIL	2	
L6614,15	G0A1R0L00001	CHOKE COIL	2	
L6618-56	J0JJC0000021	CHIP INDUCTOR	39	
L6701-04	G0A1R0L00001	CHOKE COIL	4	
L6713	TSKA158	BEAD CORE	1	G0ZZ00001935
L6714	TALL08N101KA	INDUCTION COIL	1	G0A101EA0008
L6715-17	TSKA158	BEAD CORE	3	G0ZZ00001935
L6718-56	J0JJC0000021	CHIP INDUCTOR	39	
L6758	J0JJC0000021	CHIP INDUCTOR	1	
L7101-06	TSKA122	CHIP INDUCTOR	6	J0JJC0000011
L7201-06	TSKA122	CHIP INDUCTOR	6	J0JJC0000011
L7301-06	TSKA122	CHIP INDUCTOR	6	J0JJC0000011
L7401-06	TSKA122	CHIP INDUCTOR	6	J0JJC0000011
L8001,02	ELJPA100KB	CHIP INDUCTOR	2	
L8501,02	TLPD061	LINE FILTER	2	G0A2R5H00003
L9001-04	ELKE103FA	NOISE FILTER	4	
L9005-10	EXCCL3225U1	EMI FILTER	6	
L9200,01	EXCCL3225U1	EMI FILTER	2	
L9300	EXCCL3225U1	EMI FILTER	1	
L9350	ELJPA100KB	CHIP INDUCTOR	1	
L9450	EXCCL3225U1	EMI FILTER	1	
L9451	ELJPA150KF	CHIP INDUCTOR	1	
L9501	EXCCL3225U1	EMI FILTER	1	
L9502	G1C470M00012	INDUCTOR COIL	1	
L9550	G1C220M00029	INDUCTOR COIL	1	
L9551	EXCCL3225U1	EMI FILTER	1	
L9602	ELJPA1R0KF	CHIP COIL	1	
L9652	ELJPA1R0KF	CHIP COIL	1	
L9801	EXCCL3225U1	EMI FILTER	1	
L9802-09	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
L9812	EXCCL3225U1	EMI FILTER	1	
L9853	EXCCL3225U1	EMI FILTER	1	
LC3805	ELB4B578	LC FILTER	1	
LC9000-02	J0E3505B0002	LCR FILTER	3	
LC9003	ELKE103FA	NOISE FILTER	1	
LC9006	ELKE103FA	NOISE FILTER	1	
LC9300-02	ELKE103FA	NOISE FILTER	3	
LC9501,02	ELKE103FA	NOISE FILTER	2	
LC9504	ELKE103FA	NOISE FILTER	1	
LC9555	ELKE103FA	NOISE FILTER	1	
LC9852	ELKE103FA	NOISE FILTER	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
P1	TJS3A9680	7P CONNECTOR	1	K1KA07A00095
P2	TJS3A9670	6P CONNECTOR	1	K1KA06A00179
P3	TJS1A8860	CONNECTOR	1	K1KA10A00259
P4	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
P5	TJS1A8840	8P CONNECTOR	1	K1KA08A00221
P6	TJS1A8830	CONNECTOR	1	K1KA07A00056
P7	TJS1A8850	9P CONNECTOR	1	K1KA09A00099
P9	TJS158130	2P CONNECTOR	1	K1KA02A00244
P10-13	TJS3A9640	3P CONNECTOR	4	K1KA03A00171
P14	TJS1A8800	4P CONNECTOR	1	K1KA04A00242
P15A	TJS5A8850	13P CONNECTOR	1	K1KA13B00025
P15	TJS6A8600	13P CONNECTOR	1	
P16A	TJS5A8160	CONNECTOR	1	K1KA08B00119
P16	TJS5A9420	8P CONNECTOR	1	K1KB08A00054
P18A	TJS5A8520	10P CONNECTOR	1	K1KA10B00095
P18	TJS6A8160	10P CONNECTOR	1	K1KA10A00212
P19A	TJS5A8710	12P CONNECTOR	1	K1KA12B00073
P19	TJS6A8590	12P CONNECTOR	1	K1KA12A00149
P20	TJS158130	2P CONNECTOR	1	K1KA02A00244
P21A	TJS5A8150	9P CONNECTOR	1	K1KA09B00020
P21	TJS6A8570	9P CONNECTOR	1	K1KB09A00027
P22A	TJS5A8160	CONNECTOR	1	K1KA08B00119
P22	TJS5A9420	8P CONNECTOR	1	K1KB08A00054
Q082	2SD601A	TRANSISTOR	1	2SD0601A
Q400-02	B1DEGR000016	DIODE	3	
Q403	2SD2177R	TRANSISTOR	1	
Q404	2SB1398	TRANSISTOR	1	2SB13980Q
Q407	2SK3318000LB	FET	1	
Q408	2SK2710A	FET	1	
Q409	2SD2177R	TRANSISTOR	1	
Q410	2SB1434R	TRANSISTOR	1	2SB14340RA
Q416	2SK2847	FET	1	B1DEFU000002
Q417-19	2SC3311A	TRANSISTOR	3	2SC3311AW
Q422	2SB1030A	TRANSISTOR	1	2SB1030AR
Q423	2SC3311A	TRANSISTOR	1	2SC3311AW
Q426	2SK2197	FET	1	B1DAHQ000001
Q427	2SA1309A	TRANSISTOR	1	2SA13090WA
Q428,29	2SC3311A	TRANSISTOR	2	2SC3311AW
Q430	2SB621A	TRANSISTOR	1	2SB0621AW
Q431	2SC3311A	TRANSISTOR	1	2SC3311AW
Q600,01	2SC3311A	TRANSISTOR	2	2SC3311AW
Q602	2SD2177R	TRANSISTOR	1	
Q603	2SB1434R	TRANSISTOR	1	2SB14340RA
Q604	2SA1309A	TRANSISTOR	1	2SA13090WA
Q605,06	2SC3311A	TRANSISTOR	2	2SC3311AW
Q650,51	2SC3311A	TRANSISTOR	2	2SC3311AW
Q750	2SC3311A	TRANSISTOR	1	2SC3311AW
Q751	2SA1309A	TRANSISTOR	1	2SA13090WA
Q775	2SC3311A	TRANSISTOR	1	2SC3311AW
Q776	2SA1309A	TRANSISTOR	1	2SA13090WA
Q2301-03	2SD601A	TRANSISTOR	3	2SD0601A
Q2305,06	2SD601A	TRANSISTOR	2	2SD0601A
Q2406	2SD601A	TRANSISTOR	1	2SD0601A
Q2408	2SD601A	TRANSISTOR	1	2SD0601A
Q2410	2SD601A	TRANSISTOR	1	2SD0601A
Q3013,14	2SD601A	TRANSISTOR	2	2SD0601A
Q3085,86	2SB709A	TRANSISTOR	2	2SB0709A
Q3301-09	2SD601A	TRANSISTOR	9	2SD0601A
Q3351,52	2SD601A	TRANSISTOR	2	2SD0601A
Q3353	2SB709A	TRANSISTOR	1	2SB0709A
Q3354-58	2SD601A	TRANSISTOR	5	2SD0601A
Q3359	2SB709A	TRANSISTOR	1	2SB0709A
Q3501-03	2SD601A	TRANSISTOR	3	2SD0601A
Q3507	2SB709A	TRANSISTOR	1	2SB0709A (HY) (HZ)
Q3507	2SD601A	TRANSISTOR	1	2SD0601A (HX)
Q3508	2SB709A	TRANSISTOR	1	2SB0709A (HY) (HZ)
Q3508	2SD601A	TRANSISTOR	1	2SD0601A (HX)
Q3509	2SB709A	TRANSISTOR	1	2SB0709A (HY) (HZ)
Q3509	2SD601A	TRANSISTOR	1	2SD0601A (HX)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q3513	2SD601A	TRANSISTOR	1	2SD0601A
Q3514	2SB709A	TRANSISTOR	1	2SB0709A
Q3515	2SD601A	TRANSISTOR	1	2SD0601A
Q3516	2SB709A	TRANSISTOR	1	2SB0709A
Q3531,32	2SD601A	TRANSISTOR	2	2SD0601A
Q3801,02	2SB709A	TRANSISTOR	2	2SB0709A
Q3803,04	2SD601A	TRANSISTOR	2	2SD0601A
Q3805-07	2SB709A	TRANSISTOR	3	2SB0709A
Q3808	2SD601A	TRANSISTOR	1	2SD0601A
Q3809	2SK198R	FET	1	2SK01980R
Q3810	2SD601A	TRANSISTOR	1	2SD0601A
Q3812,13	2SB709A	TRANSISTOR	2	2SB0709A
Q3815	2SB709A	TRANSISTOR	1	2SB0709A
Q3817	2SB709A	TRANSISTOR	1	2SB0709A
Q6451	B1BBCJ000003	DIODE	1	
Q6452	2SB709A	TRANSISTOR	1	2SB0709A
Q6453	2SC1473A	TRANSISTOR	1	2SC1473AE
Q6454	2SD814A	TRANSISTOR	1	
Q6471	B1BBCJ000003	DIODE	1	
Q6472	2SB709A	TRANSISTOR	1	2SB0709A
Q6474	2SD814A	TRANSISTOR	1	
Q6476,77	2SD601A	TRANSISTOR	2	2SD0601A
Q6491,92	2SC1473A	TRANSISTOR	2	2SC1473AE
Q6511,12	B1DFGL000005	DIODE	2	
Q6520	2SD601A	TRANSISTOR	1	2SD0601A
Q6521	FS7VS14AT11	FET	1	
Q6523	2SB1073001TV	TRANSISTOR	1	
Q6524,25	2SD2185	TRANSISTOR	2	
Q6526	2SB1073001TV	TRANSISTOR	1	
Q6530-49	2SK2993	FET	20	
Q6550	2SC1473A	TRANSISTOR	1	2SC1473AE
Q6551	2SD601A	TRANSISTOR	1	2SD0601A
Q6552	FS7VS14AT11	FET	1	
Q6561	2SB1073001TV	TRANSISTOR	1	
Q6562-64	FS7VS14AT11	FET	3	
Q6581	2SD601A	TRANSISTOR	1	2SD0601A
Q6601-10	2SK362800SVF	FET	10	
Q6611	2SD2185	TRANSISTOR	1	
Q6612	2SB1073001TV	TRANSISTOR	1	
Q6613	2SD2185	TRANSISTOR	1	
Q6614	2SB1073001TV	TRANSISTOR	1	
Q6621-26	2SK362800SVF	FET	6	
Q6627	2SD2185	TRANSISTOR	1	
Q6628	2SB1073001TV	TRANSISTOR	1	
Q6629	2SD2185	TRANSISTOR	1	
Q6630	2SB1073001TV	TRANSISTOR	1	
Q6641,42	B1DFEM000002	DIODE	2	
Q6645	2SD2185	TRANSISTOR	1	
Q6646	2SB1073001TV	TRANSISTOR	1	
Q6671	2SB940A	TRANSISTOR	1	2SB0940AJ
Q6672	2SD1263A	TRANSISTOR	1	
Q6673	2SC1473A	TRANSISTOR	1	2SC1473AE
Q6711-26	2SK362800SVF	FET	16	
Q6727,28	B1DFEM000002	DIODE	2	
Q6729,30	2SK362800L	FET	2	
Q6731	2SD1263A	TRANSISTOR	1	
Q6732	2SD2185	TRANSISTOR	1	
Q6733	2SB1073001TV	TRANSISTOR	1	
Q6734	2SD2185	TRANSISTOR	1	
Q6735	2SB1073001TV	TRANSISTOR	1	
Q6736	2SD2185	TRANSISTOR	1	
Q6737	2SB1073001TV	TRANSISTOR	1	
Q6738,39	2SC1473A	TRANSISTOR	2	2SC1473AE
Q6740,41	2SD601A	TRANSISTOR	2	2SD0601A
Q6742	2SD2185	TRANSISTOR	1	
Q6743	2SB1073001TV	TRANSISTOR	1	
Q6744	2SD2185	TRANSISTOR	1	
Q6745	2SB1073001TV	TRANSISTOR	1	
Q7361,62	2SB709A	TRANSISTOR	2	2SB0709A
Q8021	2SD601A	TRANSISTOR	1	2SD0601A
Q9350	2SK620	FET	1	2SK0620
Q9500,02	2SD601A	TRANSISTOR	2	2SD0601A
Q9501,02	2SK620	FET	2	2SK0620

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q9504	2SK620	FET	1	2SK0620
Q9702,03	2SD601A	TRANSISTOR	2	2SD0601A
Q9801	2SD601A	TRANSISTOR	1	2SD0601A
Q9904	2SD601A	TRANSISTOR	1	2SD0601A
R081	ERJ6GEYJ470	M 47 OHM, J, 1/10W	1	
R082	ERJ6GEYJ224	M 220KOHM, J, 1/10W	1	
R083	ERJ6GEYJ471	M 470 OHM, J, 1/10W	1	
R084	ERJ6GEYJ271	M 270 OHM, J, 1/10W	1	
R087	ERJ6GEY0R00	M 0 OHM, J, 1/10W	1	
R088	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R400-03	TARAFR06R8JC	F 6.8 OHM, J, 7W	4	△
R404	ERDS1FJ222	C 2.2KOHM, J, 1/2W	1	ERDS1FJ222T
R406,07	ERDS1FJ474	C 4.7KOHM, J, 1/2W	2	
R408	EROS2CKF1823	M 182KOHM, F, 1/4W	1	EROS2CKF1823
R409	EROS2CKF4123	M 412KOHM, F, 1/4W	1	
R410	ERG3FJS333D	M 33KOHM, J, 3W	1	
R411,12	ERDS1FJ474	C 4.7KOHM, J, 1/2W	2	
R413	ERG1FJS390D	M 39 OHM, J, 1W	1	
R414	ERX1FJS1R0D	M 1.0 OHM, J, 1W	1	
R416	ERG2FJS820D	M 82 OHM, J, 2W	1	
R417	ERDS1FJ560	C 56 OHM, J, 1/2W	1	ERDS1FJ560T
R418,19	ERDS2TJ103	C 10KOHM, J, 1/4W	2	
R420	ERU5TAJ150	F 15 OHM, 5W	1	△
R421-23	ERDS1FJ120	C 12 OHM, J, 1/2W	3	
R424-26	ERDS1FJ103	C 10KOHM, J, 1/2W	3	
R427	ERF5EKR10	W 0.1 OHM, 5W	1	
R428	ERF5EKR15	W 0.15 OHM, 5W	1	
R429	EROS2CKF1823	M 182KOHM, F, 1/4W	1	EROS2CKF1823
R430	EROS2CKF4223	M 422KOHM, F, 1/4W	1	
R431	ERDS1FJ220	C 22 OHM, J, 1/2W	1	ERDS1FJ220T
R432	ERG3FJS333D	M 33KOHM, J, 3W	1	
R433	ERDS1FJ220	C 22 OHM, J, 1/2W	1	ERDS1FJ220T
R434	ERDS1FJ101	C 100 OHM, J, 1/2W	1	
R435,36	ERDS1FJ103	C 10KOHM, J, 1/2W	2	
R437	ERX2FJSR27D	M 2.7 OHM, J, 2W	1	
R438	EROS2CKF1823	M 182KOHM, F, 1/4W	1	EROS2CKF1823
R439	EROS2CKF4223	M 422KOHM, F, 1/4W	1	
R440,41	ERX2FJSR27D	M 0.27 OHM, J, 2W	2	
R444	ERX2FJSR27D	M 0.27 OHM, J, 2W	1	
R445	ERDS2TJ103	C 10KOHM, J, 1/4W	1	
R446	ERDS2TJ221	C 220 OHM, J, 1/4W	1	
R447	ERDS2TJ332	C 3.3KOHM, J, 1/4W	1	
R448	ERDS1FJ100	C 10 OHM, J, 1/2W	1	ERDS1FJ100T
R451	ERDS2TJ103	C 10KOHM, J, 1/4W	1	
R452	ERG3FJS823D	M 82KOHM, J, 3W	1	
R453	ERG1FJS104D	M 100KOHM, J, 1W	1	
R454	ERG3FJS823D	M 82KOHM, J, 3W	1	
R456	ERDS2TC0	C 0 OHM, 1/4W	1	
R458	ERDS2TJ101	C 100 OHM, J, 1/4W	1	
R459	ERX2FJSR22D	M 0.22 OHM, J, 2W	1	
R460	ERDS2TJ6R8	C 6.8 OHM, J, 1/4W	1	
R461	ERX2FJSR22D	M 0.22 OHM, J, 2W	1	
R462	ERG2FJS823D	M 82KOHM, J, 3W	1	
R464	ERDS2TJ683	C 68KOHM, J, 1/4W	1	
R465	ERDS2TJ6R8	C 6.8 OHM, J, 1/4W	1	
R466	ERDS2TJ102	C 1KOHM, J, 1/4W	1	
R467	ERDS1FJ221	C 220 OHM, J, 1/2W	1	ERDS1FJ221T

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R471	ERDS1FJ391	C 390 OHM, J, 1/2W	1	
R474,75	ERDS2TJ104	C 100KOHM, J, 1/4W	2	
R478	ERDS2TJ223	C 22KOHM, J, 1/4W	1	
R481	ERDS2TJ472	C 4.7KOHM, J, 1/4W	1	
R482	ERG2FJS183D	M 18KOHM, J, 2W	1	
R484	ERG2FJS183D	M 18KOHM, J, 2W	1	
R489	ERDS2TJ104	C 100KOHM, J, 1/4W	1	
R492	ERDS2TJ223	C 22KOHM, J, 1/4W	1	
R493	ERDS2TJ472	C 4.7KOHM, J, 1/4W	1	
R495	ERDS1FJ471	C 470 OHM, J, 1/2W	1	ERDS1FJ471T
R496	ERDS2TJ104	C 100KOHM, J, 1/4W	1	
R500	EROS2CKF8200	M 820KOHM, F, 1/4W	1	
R502	ERDS2TJ472	C 4.7KOHM, J, 1/4W	1	
R503	EROS2CKF1911	M 1.91KOHM, F, 1/4W	1	
R504	ERDS2TJ473	C 47KOHM, J, 1/4W	1	
R505	ERDS2TJ682	C 6.8KOHM, J, 1/4W	1	
R506	ERDS1FJ220	C 22 OHM, J, 1/2W	1	ERDS1FJ220T
R508	EROS2CKF6192	M 61.9KOHM, F, 1/4W	1	
R510	EROS2CKF2551	M 2.55KOHM, F, 1/4W	1	EROS2CKF2551
R511	ERDS2TJ472	C 4.7KOHM, J, 1/4W	1	
R512	ERDS2TJ104	C 100KOHM, J, 1/4W	1	
R513	ERDS2TJ271	C 270 OHM, J, 1/4W	1	
R514	ERDS2TJ103	C 10KOHM, J, 1/4W	1	
R516-19	ERDS2TJ223	C 22KOHM, J, 1/4W	4	
R528	EROS2CKF1501	M 1.5KOHM, F, 1/4W	1	EROS2CKF1501
R531	ERDS2TJ682	C 6.8KOHM, J, 1/4W	1	
R534	EROS2CKF1502	M 15KOHM, F, 1/4W	1	EROS2CKF1502
R535	EROS2CKF3301	M 3.3KOHM, F, 1/4W	1	EROS2CKF3301
R536	ERDS2TJ222	C 2.2KOHM, J, 1/4W	1	
R537	ERDS2TJ104	C 100KOHM, J, 1/4W	1	
R538	ERDS2TJ151	C 150 OHM, J, 1/4W	1	
R539	ERG3FJS470D	M 47 OHM, J, 3W	1	
R540	ERDS2TJ682	C 6.8KOHM, J, 1/4W	1	
R541	ERDS2TJ102	C 1KOHM, J, 1/4W	1	
R542	ERDS2TJ101	C 100 OHM, J, 1/4W	1	
R543	EROS2CKF3651	M 3.65KOHM, F, 1/4W	1	EROS2CKF3651
R544	EROS2CKF3830	M 383 OHM, F, 1/4W	1	
R545	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R546	EROS2CKF2551	M 2.55KOHM, F, 1/4W	1	EROS2CKF2551
R548	EVMEASA00B54	CONTROL 50KOHMB 0.3W	1	
R549,50	ERX3FJS1R0D	M 1 OHM, J, 3W	2	
R557	ERDS2TJ104	C 100KOHM, J, 1/4W	1	
R558	ERDS2TJ470	C 47 OHM, J, 1/4W	1	
R559	ERDS2TJ472	C 4.7KOHM, J, 1/4W	1	
R560	ERDS2TJ561	C 560 OHM, J, 1/4W	1	
R561	ERDS2TJ471	C 470 OHM, J, 1/4W	1	
R562	ERDS2TJ103	C 10KOHM, J, 1/4W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R563	ERDS2TJ473	C 47KOHM, J, 1/4W	1	
R564-66	ERG3FJ8823D	M 82KOHM, J, 3W	3	
R567,68	ERG2FJ8471D	M 470 OHM, J, 2W	2	
R569	ER082CKF3651	M3.65KOHM, F, 1/4W	1	ER082CKF3651
R571,72	ERQ14AJ100	F 10 OHM, J, 1/4W	2	ERQ14AJ100P
R573	ERQ14AJ221P	F 220 OHM, J, 1/4W	1	
R584,85	ERG3FJ8823D	M 82KOHM, J, 3W	2	
R600,01	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	2	
R602	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W	1	
R603	ERJ6ENF1800	M 180 OHM, 1/10W	1	
R604	ERJ6ENF3902	M 39KOHM, 1/10W	1	
R605	ERJ6ENF1502	M 15KOHM, 1/10W	1	ERJ6ENF1502V
R608	ERJ6GEYJ683	M 68KOHM, J, 1/10W	1	
R611-13	ERJ6GEYJ101	M 100 OHM, J, 1/10W	3	
R614	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R615	ERJ6GEYJ562	M 5.6KOHM, J, 1/10W	1	
R616	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R617,18	ERD25FJ102	C 1KOHM, J, 1/4W	2	
R619,20	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	2	
R621	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R622	ERJ6ENF6811	M6.81KOHM, 1/10W	1	
R624	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R625	EVMGSA00B54	CONTROL 50KOHMB	1	
R626	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R627	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R629	ERJ6GEYJ563	M 56KOHM, J, 1/10W	1	
R631	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R632	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R633-35	ERJ6ENF5602	M 56KOHM, 1/10W	3	
R636	ERD25FJ221	C 220 OHM, J, 1/4W	1	
R637	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R638	ERD25FJ221	C 220 OHM, J, 1/4W	1	
R640	ERJ6ENF2000	M 200 OHM, 1/10W	1	
R641	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R642	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R643,44	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	2	
R645	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R646	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R647	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R648	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R650	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R651	ERJ6GEYJ563	M 56KOHM, J, 1/10W	1	
R652,53	ERJ6GEYJ333	M 33KOHM, J, 1/10W	2	
R654	ERG1FJ8561D	M 560 OHM, J, 1W	1	
R655	ERD25FJ471	C 470 OHM, J, 1/4W	1	
R656	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R657	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R658	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R659	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R661	ERD25FJ822	C 8.2KOHM, J, 1/4W	1	
R662	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W	1	
R663	ERX128J4R7	M 4.7 OHM, J, 1/2W	1	
R664	ERX1FJ88R2D	M 8.2 OHM, J, 1W	1	
R665	ERDS1FJ100	C 10 OHM, J, 1/2W	1	
R666	ERJ6GEYJ182	M 1.8KOHM, J, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R667	ERJ6GEYJ331	M 330 OHM, J, 1/10W	1	
R668	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R701,02	ERJ6GEYJ680	M 68 OHM, J, 1/10W	2	
R703	ERJ6GEYJ271	M 270 OHM, J, 1/10W	1	
R704	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R705	ERJ6ENF4222	M42.2KOHM, 1/10W	1	
R706	ERJ6GEYJ162	M 1.6KOHM, J, 1/10W	1	
R707	ERJ6GEYJ752	M 7.5KOHM, J, 1/10W	1	ERJ6GEYJ752V
R709	ERJ6GEYJ304	M 300KOHM, J, 1/10W	1	ERJ6GEYJ304V
R710,11	ERJ6GEYJ473	M 47KOHM, J, 1/10W	2	
R713	ERJ6GEYJ242	M 2.4KOHM, J, 1/10W	1	
R714	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R715	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R717	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R718,19	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R720	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R721	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R722	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R723	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R724	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R725	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R726	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R727	ERJ6GEYJ242	M 2.4KOHM, J, 1/10W	1	
R728	ERJ6GEYJ333	M 33KOHM, J, 1/10W	1	
R730	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R731	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R732	ERJ6ENF4222	M42.2KOHM, 1/10W	1	
R733	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R750	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R751	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R752	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R753	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R754	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R755	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R756	ERJ6ENF1913	M19.1KOHM, 1/10W	1	
R758	ERJ6GEYJ154	M 150KOHM, J, 1/10W	1	
R759	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R760,61	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R762	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R763	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R764	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R765	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R766	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R767	ERJ6ENF2003	M 200KOHM, 1/10W	1	
R770	ERJ6GEY0R00	M 0 OHM, J, 1/10W	1	
R775	ERD25FJ183	C 18KOHM, J, 1/4W	1	ERD25FVJ183T
R776	ERD25FJ223	C 22KOHM, J, 1/4W	1	
R777	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R778	ERJ6GEYJ153	M 15KOHM, J, 1/10W	1	
R779-82	ERJ6GEYJ103	M 10KOHM, J, 1/10W	4	
R783	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R784	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R785,86	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R787	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R788	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R789	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R900,01	ERC122GK105	S 1MOHM, K, 1/2W	2	△

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1554, 55	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	2	
R2301	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R2304	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R2305, 06	ERJ6GEYJ223	M 22KOHM, J, 1/10W	2	
R2309	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R2310	ERJ6GEYJ562	M 5.6KOHM, J, 1/10W	1	
R2319, 20	ERJ6GEYJ561	M 560 OHM, J, 1/10W	2	
R2321	ERJ6GEY0R00	M 0 OHM, J, 1/10W	1	
R2322, 23	ERJ6GEYJ102	M 1KOHM, J, 1/10W	2	
R2324, 25	ERJ6GEYJ561	M 560 OHM, J, 1/10W	2	
R2326	ERJ6GEYJ123	M 12KOHM, J, 1/10W	1	
R2327	ERJ6GEYJ752	M 7.5KOHM, J, 1/10W	1	ERJ6GEYJ752V
R2328	ERJ6GEYJ683	M 68KOHM, J, 1/10W	1	
R2329, 30	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W	2	
R2331	ERJ6GEY0R00	M 0 OHM, J, 1/10W	1	
R2332	ERJ6GEYJ182	M 1.8KOHM, J, 1/10W	1	
R2333	ERJ6GEYJ471	M 470 OHM, J, 1/10W	1	
R2334	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R2335, 36	ERJ6GEYJ123	M 12KOHM, J, 1/10W	2	
R2337, 38	ERJ6GEY0R00	M 0 OHM, J, 1/10W	2	
R2341	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R2343	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R2346	ERJ6GEYJ123	M 12KOHM, J, 1/10W	1	
R2347	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R2348	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R2349, 50	ERJ6GEY0R00	M 0 OHM, J, 1/10W	2	
R2408	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R2410	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R2431	ERJ6GEYJ123	M 12KOHM, J, 1/10W	1	
R2434	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R2438	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R2439	ERJ6GEYJ563	M 56KOHM, J, 1/10W	1	
R2440	ERJ6GEY0R00	M 0 OHM, J, 1/10W	1	
R2441	ERJ6GEYJ123	M 12KOHM, J, 1/10W	1	
R2445	ERJ6GEY0R00	M 0 OHM, J, 1/10W	1	
R2448	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R2450	ERJ6GEYJ563	M 56KOHM, J, 1/10W	1	
R2452	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R2453	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R2456	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R2457	ERJ6GEYJ333	M 33KOHM, J, 1/10W	1	
R2460	ERJ6ENF1802	M 18KOHM, 1/10W	1	
R2461, 62	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R2463	ERJ6ENF1502	M 15KOHM, 1/10W	1	ERJ6ENF1502V
R2464	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R2466	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R2467	ERJ6GEYJ224	M 220KOHM, J, 1/10W	1	
R2468	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R2469	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R2470	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R2471	ERJ6GEYJ182	M 1.8KOHM, J, 1/10W	1	
R2472	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R2473	ERJ6GEYJ182	M 1.8KOHM, J, 1/10W	1	
R2476, 77	ERJ6GEYJ220	M 22 OHM, J, 1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2480	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R2481, 82	ERJ6GEYJ153	M 15KOHM, J, 1/10W	2	
R2483	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R2484	ERJ6GEYJ333	M 33KOHM, J, 1/10W	1	
R2485	ERJ6GEY0R00	M 0 OHM, J, 1/10W	1	
R3001-04	ERJ3GEYJ560	M 56 OHM, J, 1/16W	4	
R3007	ERJ3GEYJ560	M 56 OHM, J, 1/16W	1	
R3009-15	ERJ3GEYJ560	M 56 OHM, J, 1/16W	7	
R3016-21	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R3022, 23	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	2	
R3024-29	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R3030, 31	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	2	
R3032, 33	ERJ3GEYJ331	M 330 OHM, J, 1/16W	2	
R3034	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3035	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R3036	ERJ3GEYJ153	M 15KOHM, J, 1/16W	1	
R3037	ERJ3GEYJ333	M 33KOHM, J, 1/16W	1	
R3038	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3039-43	TAJAAH0101JV	M 100 OHM, J, 1/16W	5	D0GB101JA006
R3045	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3046	ERJ3GEYJ473	M 47KOHM, J, 1/16W	1	
R3047	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3078	ERJ3GEYJ153	M 15KOHM, J, 1/16W	1	
R3079	ERJ3GEYJ333	M 33KOHM, J, 1/16W	1	
R3087, 88	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R3101-08	ERJ3GEYJ334	M 330KOHM, J, 1/16W	8	D0GB334JA002
R3109	ERJ3GEYJ473	M 47KOHM, J, 1/16W	1	
R3301	ERJ6ENF75R0	M 75 OHM, 1/10W	1	ERJ6ENF75R0V
R3302	ERJ6ENF75R0	M 75 OHM, 1/10W	1	Y VERSION
R3303	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3304, 05	ERJ6ENF75R0	M 75 OHM, 1/10W	2	ERJ6ENF75R0V
R3306	ERJ6GEYJ184	M 180KOHM, J, 1/10W	1	
R3307	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R3308	ERJ6GEYJ184	M 180KOHM, J, 1/10W	1	
R3309	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R3310	ERJ3GEYJ153	M 15KOHM, J, 1/16W	1	
R3311	ERJ3GEYJ333	M 33KOHM, J, 1/16W	1	
R3312	ERJ3GEYJ123	M 12KOHM, J, 1/16W	1	
R3313	ERJ3GEYJ682	M 6.8KOHM, J, 1/16W	1	
R3314	ERJ3GEYJ123	M 12KOHM, J, 1/16W	1	
R3315	ERJ3GEYJ682	M 6.8KOHM, J, 1/16W	1	
R3316-18	TAJAAH0101JV	M 100 OHM, J, 1/16W	3	D0GB101JA006
R3319-21	ERJ3GEYJ102	M 1KOHM, J, 1/16W	3	
R3322	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R3323	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R3324	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R3325-27	TAJAAH0101JV	M 100 OHM, J, 1/16W	3	D0GB101JA006
R3328-31	ERJ3GEYJ103	M 10KOHM, J, 1/16W	4	
R3332, 33	TAJAAH0101JV	M 100 OHM, J, 1/16W	2	D0GB101JA006
R3334	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3335	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3336	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R3337	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R3338, 39	ERJ3GEYJ102	M 1KOHM, J, 1/16W	2	
R3340	ERJ6ENF9310	M 931 OHM, 1/10W	1	
R3341	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R3342	ERJ3GEYJ153	M 15KOHM, J, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3343	ERJ3GEYJ333	M 33KOHM, J, 1/16W	1	
R3344	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R3345	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3346-48	TAJAAH0101JV	M 100 OHM, J, 1/16W	3	D0GB101JA006
R3349, 50	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R3351, 52	ERJ6GEYJ184	M 180KOHM, J, 1/10W	2	
R3353-55	ERJ6ENF75R0	M 75 OHM, 1/10W	3	ERJ6ENF75R0V
R3356, 57	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	2	
R3358-61	TAJAAH0101JV	M 100 OHM, J, 1/16W	4	D0GB101JA006
R3362, 63	ERJ3GEYJ104	M 100KOHM, J, 1/16W	2	
R3364	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R3365	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3366, 67	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	2	
R3368	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R3369-72	ERJ3GEYJ103	M 10KOHM, J, 1/16W	4	
R3373, 74	ERJ3GEYJ104	M 100KOHM, J, 1/16W	2	
R3375-77	TAJAAH0101JV	M 100 OHM, J, 1/16W	3	D0GB101JA006
R3378, 79	ERJ3GEYJ3R3	M 3.3 OHM, J, 1/16W	2	ERJ3GEYJ3R3V
R3380-82	ERJ3GEYJ102	M 1KOHM, J, 1/16W	3	
R3383-85	TAJAAH0101JV	M 100 OHM, J, 1/16W	3	D0GB101JA006
R3386, 87	ERJ3GEYJ104	M 100KOHM, J, 1/16W	2	
R3388	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R3389, 90	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	2	
R3391	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3392	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R3393, 94	ERJ3GEYJ3R3	M 3.3 OHM, J, 1/16W	2	ERJ3GEYJ3R3V
R3395	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R3396	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3400	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R3501-03	ERJ3GEYJ221	M 220 OHM, J, 1/16W	3	
R3504	ERJ3GEYJ393	M 39KOHM, J, 1/16W	1	
R3505	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3506	ERJ3GEYJ183	M 18KOHM, J, 1/16W	1	
R3507	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	1	
R3508	ERJ3GEYJ183	M 18KOHM, J, 1/16W	1	(HY) (HZ)
R3508	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	(HX)
R3509	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	1	(HY) (HZ)
R3509	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	(HX)
R3510, 11	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	(HX)
R3511	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006 (HY) (HZ)
R3513, 14	TAJAAH0101JV	M 100 OHM, J, 1/16W	2	D0GB101JA006
R3516, 17	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R3518-22	ERJ3GEYJ103	M 10KOHM, J, 1/16W	5	
R3526-28	ERJ6ENF75R0	M 75 OHM, 1/10W	3	ERJ6ENF75R0V
R3529, 30	ERJ6GEYJ184	M 180KOHM, J, 1/10W	2	
R3532-34	ERJ6GEYJ0R00	M 0 OHM, J, 1/10W	3	
R3535, 36	ERJ6GEYJ331	M 330 OHM, J, 1/10W	2	
R3537	ERJ6GEYJ0R00	M 0 OHM, J, 1/10W	1	(HX)
R3537	ERJ6GEYJ331	M 330 OHM, J, 1/10W	1	(HY) (HZ)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3538	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HY) (HZ)
R3538	ERJ6GEYJ0R00	M 0 OHM, J, 1/10W	1	(HX)
R3539, 02	ERJ6ENF75R0	M 75 OHM, 1/10W	2	ERJ6ENF75R0V
R3540	ERJ6GEYJ0R00	M 0 OHM, J, 1/10W	1	
R3541	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3547	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R3548	ERJ6ENF7500	M 750 OHM, 1/10W	1	(HY) (HZ)
R3548	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	(HX)
R3549, 50	ERJ6ENF1001	M 1KOHM, 1/10W	2	
R3577	ERJ6GEYJ153	M 15KOHM, J, 1/10W	1	
R3578	ERJ6GEYJ333	M 33KOHM, J, 1/10W	1	
R3579	ERJ6GEYJ153	M 15KOHM, J, 1/10W	1	
R3580	ERJ6GEYJ333	M 33KOHM, J, 1/10W	1	
R3581	ERJ6GEYJ153	M 15KOHM, J, 1/10W	1	
R3582	ERJ6GEYJ333	M 33KOHM, J, 1/10W	1	
R3585, 86	ERJ6GEYJ560	M 56 OHM, J, 1/10W	2	
R3589	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R3590	ERJ6GEYJ560	M 56 OHM, J, 1/10W	1	
R3595-97	ERJ6GEYJ102	M 1KOHM, J, 1/10W	3	
R3599	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R3603, 04	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R3611-14	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	4	
R3626-29	ERJ6GEYJ3R3	M 3.3KOHM, J, 1/10W	4	D0GB3R3JA003
R3653	ERJ6GEYJ153	M 15KOHM, J, 1/10W	1	
R3654	ERJ6GEYJ333	M 33KOHM, J, 1/10W	1	
R3655	ERJ6GEYJ153	M 15KOHM, J, 1/10W	1	
R3656	ERJ6GEYJ333	M 33KOHM, J, 1/10W	1	
R3663, 64	ERJ6GEYJ102	M 1KOHM, J, 1/10W	2	
R3668	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R3672	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R3755, 56	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R3764-66	ERJ6GEYJ101	M 100 OHM, J, 1/10W	3	
R3776, 77	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R3778	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R3801, 02	ERJ3GEYJ221	M 220 OHM, J, 1/16W	2	
R3803, 04	ERJ6GEYJ561	M 560 OHM, J, 1/10W	2	
R3805	ERJ6GEYJ331	M 330 OHM, J, 1/10W	1	
R3806	ERJ3GEYJ221	M 220 OHM, J, 1/16W	1	
R3808	ERJ3GEYJ331	M 330 OHM, J, 1/16W	1	
R3809	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3810	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R3811	ERJ6ENF2200	M 220 OHM, 1/10W	1	
R3812	ERJ6ENF3300	M 330 OHM, 1/10W	1	
R3813	ERJ6ENF6801	M 6.8KOHM, 1/10W	1	
R3814	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R3815	ERJ6ENF2200	M 220 OHM, 1/10W	1	
R3816	ERJ6GEYJ331	M 330 OHM, J, 1/10W	1	
R3817	ERJ3GEYJ561	M 560 OHM, J, 1/16W	1	
R3818	ERJ3GEYJ0R00	M 0 OHM, 1/16W	1	
R3819	ERJ3GEYJ682	M 6.8KOHM, J, 1/16W	1	
R3820	ERJ6GEYJ561	M 560 OHM, J, 1/10W	1	
R3821	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	1	
R3822	ERJ3GEYJ682	M 6.8KOHM, J, 1/16W	1	
R3823	ERJ3GEYJ0R00	M 0 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3824	ERJ3GEYJ221	M 220 OHM, J, 1/16W	1	
R3825	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3826	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3827	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R3828	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3829	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R3830, 31	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R3832	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3833	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R3834	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3835	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R3836	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3837-40	KXB38V471J	RESISTOR ARRAY	4	
R3841	ERJ3GEYJ471	M 470 OHM, J, 1/16W	1	
R3842	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	1	
R3843	ERJ3GEYJ471	M 470 OHM, J, 1/16W	1	
R3845	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R3846	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R3848	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R3849	ERJ6ENF3000	M 300 OHM, 1/10W	1	
R3850	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3851	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3852	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R3853	ERJ3GEYJ561	M 560 OHM, J, 1/16W	1	
R3854	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3855	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R3856	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3857	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R3858	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3859	ERJ3GEYJ151	M 150 OHM, J, 1/16W	1	
R3860	ERJ3GEYJ391	M 390 OHM, J, 1/16W	1	D0GB391JA002
R3861	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R3862	ERJ3GEYJ331	M 330 OHM, J, 1/16W	1	
R3863, 64	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	2	
R3865	ERJ3GEYJ221	M 220 OHM, J, 1/16W	1	
R3866	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R3867-69	TAJAAH0101JV	M 100 OHM, J, 1/16W	3	D0GB101JA006
R3870	ERJ3GEYJ823	M 82KOHM, J, 1/16W	1	
R3871	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R3872	TAJAAH0680JV	M 68 OHM, J, 1/16W	1	D0GB680JA006
R3873	ERJ3GEYJ152	M 1.5KOHM, J, 1/16W	1	
R3874	ERJ3GEYJ471	M 470 OHM, J, 1/16W	1	
R3875, 76	ERJ3GEYJ152	M 1.5KOHM, J, 1/16W	2	
R3877	ERJ3GEYJ471	M 470 OHM, J, 1/16W	1	
R3879	ERJ3GEYJ152	M 1.5KOHM, J, 1/16W	1	
R3881	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R3884-86	TAJAAH0820JV	M 82 OHM, J, 1/16W	3	D0GB820JA006
R3887	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R3888	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3890	ERJ6GEY0R00	M 0 OHM, J, 1/10W	1	
R3891	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R3892	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3893	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R3894	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R3895	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R4521	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R4551	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R4552	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	1	
R4601	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R4604	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R6401-06	ERJ6GEYJ221	M 220 OHM, J, 1/10W	6	
R6411-14	ERJ6GEYJ103	M 10KOHM, J, 1/10W	4	
R6415, 16	ERJ6GEYJ224	M 220KOHM, J, 1/10W	2	
R6421-26	ERJ6GEYJ221	M 220 OHM, J, 1/10W	6	
R6431-34	ERJ6GEYJ103	M 10KOHM, J, 1/10W	4	
R6435, 36	ERJ6GEYJ224	M 220KOHM, J, 1/10W	2	
R6453	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R6454	ERJ6GEYJ221	M 220 OHM, J, 1/10W	1	
R6455	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R6456	ERJ6ENF1003	M 100KOHM, 1/10W	1	
R6457, 58	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R6459, 60	ERJ6GEYJ104	M 100KOHM, J, 1/10W	2	
R6461	ERJ6ENF1003	M 100KOHM, 1/10W	1	
R6462	ERJ6GEYJ183	M 18KOHM, J, 1/10W	1	
R6463	ERJ6GEYJ221	M 220 OHM, J, 1/10W	1	
R6465	ERX1FJ88R2D	M 8.2 OHM, J, 1W	1	
R6466	ERJ14YJ101	M 100 OHM, J, 1/4W	1	
R6467	ERJ6GEYJ182	M 1.8KOHM, J, 1/10W	1	
R6468	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	2	
R6470	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R6473	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R6474	ERJ6GEYJ221	M 220 OHM, J, 1/10W	1	
R6475	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R6476	ERJ6GEYJ274	M 270KOHM, J, 1/10W	1	
R6477	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R6478	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R6479, 80	ERJ6GEYJ104	M 100KOHM, J, 1/10W	2	
R6482	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R6483	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6484	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R6485, 86	ERJ6GEYJ103	M 10KOHM, J, 1/10W	2	
R6487	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	1	
R6488	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6489	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R6491	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6492, 93	ERJ6ENF2203	M 220KOHM, 1/10W	2	
R6494, 95	ERJ6ENF5231	M 5.23KOHM, 1/10W	2	
R6497	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6498, 99	ERX1FJ88R2D	M 8.2 OHM, J, 1W	2	
R6500	ERJ6GEYJ182	M 1.8KOHM, J, 1/10W	1	
R6501-02	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	3	
R6503, 04	ERJ6GEYJ102	M 1KOHM, J, 1/10W	2	
R6505, 06	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	2	
R6507, 08	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6509	ERJ6GEYJ152	M 1.5KOHM, J, 1/10W	1	
R6510	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6511, 12	ERX2FJ82R2D	M 2.2 OHM, J, 2W	2	
R6513	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6514	ERJ6GEYJ471	M 470 OHM, J, 1/10W	1	
R6515	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6516	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6517	ERJ6GEYJ471	M 470 OHM, J, 1/10W	1	
R6518	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6519	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6520	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R6521	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6522	ERJ6GEYJ471	M 470 OHM, J, 1/10W	1	
R6524	ERJ6ENF2201	M 2.2KOHM, 1/10W	1	
R6525	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6526	ERJ6GEYJ470	M 47 OHM, J, 1/10W	1	
R6527, 28	ERJ6GEYJ102	M 1KOHM, J, 1/10W	2	
R6529	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6530-39	ERJ6GEYJ470	M 47 OHM, J, 1/10W	10	
R6540-49	ERJ6GEYJ5R6	M 5.6 OHM, J, 1/10W	10	D0GD5R6JA003
R6550	ERJ6GEYJ470	M 47 OHM, J, 1/10W	1	
R6551, 52	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R6553	ERJ6GEY0R00	M 0 OHM, J, 1/10W	1	
R6554, 55	ERJ6GEYJ104	M 100KOHM, J, 1/10W	2	
R6556	ERJ6GEYJ392	M 3.9KOHM, J, 1/10W	1	
R6557	FVMESA00B14	CONTROL 10KOHMB 0.3W	1	
R6558	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6559	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R6560, 61	ERJ6GEYJ470	M 47 OHM, J, 1/10W	2	
R6562-64	ERJ6GEYJ5R6	M 5.6 OHM, J, 1/10W	3	D0GD5R6JA003
R6565	ERG1FJ8332D	M 3.3KOHM, J, 1W	1	
R6566-68	ERJ6ENF1003	M 100KOHM, 1/10W	3	
R6569	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6571-78	ERJ6GEYJ471	M 470 OHM, J, 1/10W	8	
R6580, 81	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R6582, 83	ERJ6GEYJ104	M 100KOHM, J, 1/10W	2	
R6584	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R6585, 86	ERJ6GEYJ152	M 1.5KOHM, J, 1/10W	2	
R6587	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6588	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R6589	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6592, 93	ERJ6GEYJ224	M 220KOHM, J, 1/10W	2	
R6594	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6598	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R6601	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6602	ERJ6ENF1961	M 1.96KOHM, 1/10W	1	
R6603	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6604	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6605-07	ERJ6GEYJ224	M 220KOHM, J, 1/10W	3	
R6608	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6609	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6611-18	ERJ6GEYJ100	M 10 OHM, J, 1/10W	8	
R6619-24	ERJ6GEYJ470	M 47 OHM, J, 1/10W	6	
R6625	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6626	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6627	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6628	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6629, 30	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R6631-38	ERJ6GEYJ100	M 10 OHM, J, 1/10W	8	
R6639	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6640	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6641, 42	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R6643-46	ERJ6GEYJ100	M 10 OHM, J, 1/10W	4	
R6651-59	ERJ12YJ2R2	M 2.2 OHM, J, 1/2W	9	
R6660-63	ERJ12YJ1R0	M 1 OHM, J, 1/2W	4	
R6664-66	ERJ12YJ2R2	M 2.2 OHM, J, 1/2W	3	
R6667, 68	ERJ12YJ1R0	M 1 OHM, J, 1/2W	2	
R6669	ERG2FJ8103D	M 10KOHM, J, 2W	1	
R6670	FVMESA00B14	CONTROL 10KOHMB 0.3W	1	
R6671	ERG2FJ8820D	M 82 OHM, J, 2W	1	
R6672	ERX1FJ88R2D	M 8.2 OHM, J, 1W	1	
R6673	ERG1FJ8103D	M 10KOHM, J, 1W	1	
R6674	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6675	ERG2FJ8223D	M 22KOHM, J, 2W	1	
R6676	ERJ6GEYJ473	M 47KOHM, J, 1/10W	1	
R6677	ERJ6GEY0R00	M 0 OHM, J, 1/10W	1	
R6678	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W	1	
R6679	ERJ6GEYJ102	M 1KOHM, J, 1/10W	1	
R6681	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6682, 83	ERJ6GEYJ470	M 47 OHM, J, 1/10W	2	
R6684	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6685, 86	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R6687, 88	ERX2FJ8R22D	M 0.22 OHM, J, 2W	2	
R6691	EXB38V471J	RESISTOR ARRAY	1	
R6692	EXB38V473J	RESISTOR ARRAY	1	
R6693	EXB38V471J	RESISTOR ARRAY	1	
R6694	EXB38V473J	RESISTOR ARRAY	1	
R6695	EXB38V471J	RESISTOR ARRAY	1	
R6696	EXB38V473J	RESISTOR ARRAY	1	
R6697	EXB38V471J	RESISTOR ARRAY	1	
R6698	EXB38V473J	RESISTOR ARRAY	1	
R6700	ERD25V0R00	C 0 OHM	1	
R6701-03	ERX2FJ8R22D	M 0.22 OHM, J, 2W	3	
R6704	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6705	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6706	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6707	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6708	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6709	ERG2FJ8103D	M 10KOHM, J, 2W	1	
R6710	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	
R6711-18	ERJ6GEYJ100	M 10 OHM, J, 1/10W	8	
R6719-24	ERJ6GEYJ470	M 47 OHM, J, 1/10W	6	
R6725	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6726	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6727	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6728	ERJ6GEYJ103	M 10KOHM, J, 1/10W	1	
R6729, 30	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R6731-38	ERJ6GEYJ100	M 10 OHM, J, 1/10W	8	
R6740	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6741, 42	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R6743-46	ERJ6GEYJ100	M 10 OHM, J, 1/10W	4	
R6751, 52	ERJ6GEYJ101	M 100 OHM, J, 1/10W	2	
R6753	ERJ6GEYJ100	M 10 OHM, J, 1/10W	1	
R6754	ERJ6GEYJ101	M 100 OHM, J, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6755,56	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6757,58	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6759	ERG2FJ8101D	M 100 OHM, J, 2W	1	
R6760	ERG1FJ8472D	M 4.7KOHM, J, 1W	1	
R6761	ERG2FJ8123D	M 12K OHM, J, 2W	1	
R6762	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6763	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6764	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6765,66	ERJ6GEYJ333	M 33KOHM,J,1/10W	2	
R6767	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6769	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R6770	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R6772	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6773	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6774	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6775	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6776	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6777,78	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6779	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6780,81	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	2	
R6782	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6783	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6784	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6785	EXB38V471J	RESISTOR ARRAY	1	
R6786	EXB38V473J	RESISTOR ARRAY	1	
R6787	EXB38V471J	RESISTOR ARRAY	1	
R6788	EXB38V473J	RESISTOR ARRAY	1	
R6789,90	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6791-99	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	9	
R6800-07	ERJ12YJ1R0	M 1 OHM, J,1/2W	8	
R6808-10	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	3	
R6811-14	ERJ12YJ1R0	M 1 OHM, J,1/2W	4	
R6815	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6816	ERJ6ENF1961	M1.96KOHM, 1/10W	1	
R6817,18	ERK2FJ8R22D	M0.22 OHM, J, 2W	2	
R7105	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7106	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7107-10	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7111-26	ERJ14YJ220	M 22 OHM, J,1/4W	16	
R7158-65	TAJAAH0680JV	M 68 OHM,J,1/16W	8	D0GB680JA006
R7174-81	TAJAAH0680JV	M 68 OHM,J,1/16W	8	D0GB680JA006
R7190-97	TAJAAH0680JV	M 68 OHM,J,1/16W	8	D0GB680JA006
R7205	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7206	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7207-10	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7211-26	ERJ14YJ220	M 22 OHM, J,1/4W	16	
R7258-65	TAJAAH0680JV	M 68 OHM,J,1/16W	8	D0GB680JA006
R7274-81	TAJAAH0680JV	M 68 OHM,J,1/16W	8	D0GB680JA006
R7290-97	TAJAAH0680JV	M 68 OHM,J,1/16W	8	D0GB680JA006
R7305	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7306	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7307-10	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7311-26	ERJ14YJ220	M 22 OHM, J,1/4W	16	
R7341-44	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R7358-65	TAJAAH0680JV	M 68 OHM,J,1/16W	8	D0GB680JA006
R7374-81	TAJAAH0680JV	M 68 OHM,J,1/16W	8	D0GB680JA006
R7390-97	TAJAAH0680JV	M 68 OHM,J,1/16W	8	D0GB680JA006
R7405	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7406	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7407-10	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7411-26	ERJ14YJ220	M 22 OHM, J,1/4W	16	
R7458-65	TAJAAH0680JV	M 68 OHM,J,1/16W	8	D0GB680JA006
R7474-81	TAJAAH0680JV	M 68 OHM,J,1/16W	8	D0GB680JA006
R7490-97	TAJAAH0680JV	M 68 OHM,J,1/16W	8	D0GB680JA006
R8002	ERJ3GEYJ103	M 10KOHM,J,1/10W	1	
R8003	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R8004	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R8006,07	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R8008	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R8009	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R8010	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R8011	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R8012	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R8013	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R8015	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R8017-19	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R8023,24	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R8025	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R8026	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R8027	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R8028-30	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	3	
R8033	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R8035	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R8036	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9000	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R9008	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R9010	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R9018-20	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9034	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9035	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R9036	ERJ6ENF5111	M5.11KOHM, 1/10W	1	
R9037	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R9038	ERJ6ENF5111	M5.11KOHM, 1/10W	1	
R9039	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R9040	ERJ6ENF5111	M5.11KOHM, 1/10W	1	
R9041	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R9045	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9046	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R9047	ERJ6ENF1051	M1.05KOHM, 1/10W	1	
R9048	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9049	ERJ6ENF1051	M1.05KOHM, 1/10W	1	
R9050,51	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9052	ERJ6ENF1051	M1.05KOHM, 1/10W	1	
R9053	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9058	ERJ6ENF3241	M3.24KOHM, 1/10W	1	
R9059	ERJ6ENF1000	M 100 OHM, 1/10W	1	
R9060	ERJ6ENF3241	M3.24KOHM, 1/10W	1	
R9061	ERJ6ENF1000	M 100 OHM, 1/10W	1	
R9063	ERJ6ENF3241	M3.24KOHM, 1/10W	1	
R9064	ERJ6ENF1000	M 100 OHM, 1/10W	1	
R9065	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R9068-70	ERJ6ENF2701	M 2.7KOHM, 1/10W	3	
R9071-73	ERJ6ENF1800	M 180 OHM, 1/10W	3	
R9076	ERJ3GEY0R00	M 0 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9077	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	1	
R9078	ERJ6ENF1800	M 180 OHM, 1/10W	1	
R9080, 81	ERJ6ENF1800	M 180 OHM, 1/10W	2	
R9082	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9102, 03	TAJAAH0101JV	M 100 OHM, J, 1/16W	2	D0GB101JA006
R9104	TAJAAH0680JV	M 68 OHM, J, 1/16W	1	D0GB680JA006
R9105, 06	TAJAAH0101JV	M 100 OHM, J, 1/16W	2	D0GB101JA006
R9107-10	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9113	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R9115	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	1	
R9121-29	ERJ3GEY0R00	M 0 OHM, 1/16W	9	
R9200, 01	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9204, 05	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9207, 08	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9210	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R9211, 12	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9224	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9228	ERJ3GEYJ100	M 10 OHM, J, 1/16W	1	
R9229	ERJ3GEYJ151	M 150 OHM, J, 1/16W	1	
R9239, 40	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9241	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9242, 43	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9244	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9245	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9246	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9247, 48	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9249	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9253	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9254	ERJ3GEYJ100	M 10 OHM, J, 1/16W	1	
R9257	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9259	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9261	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9262, 63	ERJ3GEYJ330	M 33 OHM, J, 1/16W	2	
R9264-70	ERJ3GEY0R00	M 0 OHM, 1/16W	7	
R9271	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9274	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9275	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9285	ERJ3GEYJ100	M 10 OHM, J, 1/16W	1	
R9286, 87	ERJ3GEYJ151	M 150 OHM, J, 1/16W	2	
R9288, 89	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	2	
R9291	ERJ3GEYJ331	M 330 OHM, J, 1/16W	1	
R9293	ERJ3GEYJ100	M 10 OHM, J, 1/16W	1	
R9300	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9301-05	TAJAAH0101JV	M 100 OHM, J, 1/16W	5	D0GB101JA006
R9306, 07	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9308	ERJ3GEYJ560	M 56 OHM, 1/16W	1	
R9350	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R9351	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9352, 53	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	2	
R9354	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R9355, 56	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9357	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R9358	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R9359	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R9360, 61	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	2	
R9362-64	ERJ3GEYJ102	M 1KOHM, J, 1/16W	3	
R9365	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	1	
R9366-68	TAJAAH0101JV	M 100 OHM, J, 1/16W	3	D0GB101JA006

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9369	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R9371	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R9372-75	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	4	
R9376	ERJ3GEYJ560	M 56 OHM, J, 1/16W	1	
R9377	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9378	ERJ3GEYJ560	M 56 OHM, J, 1/16W	1	
R9379	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9380	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	1	
R9381	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9382	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9383-86	ERJ3GEYJ103	M 10KOHM, J, 1/16W	4	
R9387-90	ERJ3GEYJ560	M 56 OHM, J, 1/16W	4	
R9391	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R9392	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R9393	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9394-00	ERJ3GEYJ102	M 1KOHM, J, 1/16W	7	
R9401, 02	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9403	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9404-06	TAJAAH0101JV	M 100 OHM, J, 1/16W	3	D0GB101JA006
R9407, 08	ERJ3GEYJ102	M 1KOHM, J, 1/16W	2	
R9409	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9410	ERJ3GEYJ471	M 470 OHM, J, 1/16W	1	
R9411	ERJ3GEYJ560	M 56 OHM, J, 1/16W	1	
R9413	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9414	ERJ3GEYJ560	M 56 OHM, J, 1/16W	1	
R9416	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	1	
R9417	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R9418	ERJ3GEYJ152	M 1.5KOHM, J, 1/16W	1	
R9419	ERJ3GEYJ471	M 470 OHM, J, 1/16W	1	
R9420	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R9421	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9425	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	1	
R9426	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R9427	ERJ3GEYJ562	M 5.6KOHM, J, 1/16W	1	
R9429	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9432	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	1	
R9434, 35	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9436-39	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9440, 41	TAJAAH0101JV	M 100 OHM, J, 1/16W	2	D0GB101JA006
R9442-49	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
R9454-58	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R9459	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9460, 61	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9464	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R9466	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9467	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9469	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R9470	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9472, 73	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9475	ERJ3GEYJ105	M 1MOHM, J, 1/16W	1	
R9478	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9501-06	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R9525, 26	ERJ8R8JR10V	M 1 OHM, 1/8W	2	
R9537	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R9538-46	ERJ3GEY0R00	M 0 OHM, 1/16W	9	
R9548, 49	ERJ8R8JR10V	M 1 OHM, 1/8W	2	
R9557	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9560	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R9565	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9566	ERJ6ENF1621	M 1.62KOHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9567	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9569	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9570,71	EXB38V680J	RESISTOR ARRAY	2	
R9572	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9573-78	EXB38V680J	RESISTOR ARRAY	6	
R9579	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9581	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9582-85	EXB38V680J	RESISTOR ARRAY	4	
R9586	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9589	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9595-97	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9598	ERJ6ENF1301	M 1.3KOHM, 1/10W	1	ERJ6ENF1301V
R9599	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9600	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R9601	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R9607,08	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9610-13	ERJ3GEYJ100	M 10 OHM, J, 1/16W	4	
R9619	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R9621	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R9622	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R9635-38	ERJ3GEYJ102	M 1KOHM, J, 1/16W	4	
R9639,40	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R9644,45	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R9649	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9650	ERJ3GEYJ223	M 22KOHM, J, 1/16W	1	
R9651	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9652	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9653	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9655	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	1	
R9656	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R9663,64	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R9667-72	ERJ3GEYJ103	M 10KOHM, J, 1/16W	6	
R9673-76	ERJ6ENF1001	M 1KOHM, 1/10W	4	
R9677-82	ERJ3GEYJ100	M 10 OHM, J, 1/16W	6	
R9691	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R9692	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9693	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9695	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9697	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9698	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R9700	ERJ3GEYJ223	M 22KOHM, J, 1/16W	1	
R9701,02	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9704	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R9705	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9711	ERJ3GEYJ223	M 22KOHM, J, 1/16W	1	
R9712	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9713-19	ERJ3GEY0R00	M 0 OHM, 1/16W	7	
R9720	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9721	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R9722	ERJ3GEYJ561	M 560 OHM, J, 1/16W	1	
R9724	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R9725	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9726	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9727	EXB38V103J	RESISTOR ARRAY	1	
R9729	EXB38V103J	RESISTOR ARRAY	1	
R9730	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9731	EXB38V103J	RESISTOR ARRAY	1	
R9732,33	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9734	EXB38V103J	RESISTOR ARRAY	1	
R9735	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R9737	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9738	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R9739	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9741	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9742	ERJ3GEY0R00	M 0 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9745,46	EXB38V103J	RESISTOR ARRAY	2	
R9747	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R9748	ERJ3GEYJ332	M 3.3KOHM, J, 1/16W	1	
R9751	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9753-57	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R9758-62	ERJ3GEYJ151	M 150 OHM, J, 1/16W	5	
R9764-71	ERJ3GEYJ151	M 150 OHM, J, 1/16W	8	
R9773,74	ERJ3GEYJ151	M 150 OHM, J, 1/16W	2	
R9775	ERJ3GEYJ473	M 47KOHM, J, 1/16W	1	
R9776	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9777	ERJ3GEYJ221	M 220 OHM, J, 1/16W	1	
R9780-87	EXB38V103J	RESISTOR ARRAY	8	
R9797	ERJ3GEYJ823	M 82KOHM, J, 1/16W	1	
R9798	ERJ3GEYJ105	M 1MOHM, J, 1/16W	1	
R9799	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9802	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9803	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9804	EXB38V470J	RESISTOR ARRAY	1	
R9806	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9807	EXB38V470J	RESISTOR ARRAY	1	
R9808,09	EXB38V680J	RESISTOR ARRAY	2	
R9810,11	TAJAAH0470JV	M 47 OHM, J, 1/16W	2	D0GB470JA006
R9813	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R9814	EXB38V680J	RESISTOR ARRAY	1	
R9815	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R9816	TAJAAH0470JV	M 47 OHM, J, 1/16W	1	D0GB470JA006
R9819,20	EXB38V680J	RESISTOR ARRAY	2	
R9821,22	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R9823,24	EXB38V680J	RESISTOR ARRAY	2	
R9827	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9828	EXB38V680J	RESISTOR ARRAY	1	
R9829-33	ERJ3GEYJ103	M 10KOHM, J, 1/16W	5	
R9834-38	EXB38V680J	RESISTOR ARRAY	5	
R9839-41	TAJAAH0470JV	M 47 OHM, J, 1/16W	3	D0GB470JA006
R9842,43	ERJ3GEYJ220	M 22 OHM, J, 1/16W	2	
R9844	EXB38V470J	RESISTOR ARRAY	1	
R9845	TAJAAH0470JV	M 47 OHM, J, 1/16W	1	D0GB470JA006
R9848	EXB38V680J	RESISTOR ARRAY	1	
R9849	EXB38V470J	RESISTOR ARRAY	1	
R9850-52	ERJ3GEYJ151	M 150 OHM, J, 1/16W	3	
R9854-56	ERJ3GEYJ151	M 150 OHM, J, 1/16W	3	
R9857	EXB38V470J	RESISTOR ARRAY	1	
R9858-60	ERJ3GEYJ151	M 150 OHM, J, 1/16W	3	
R9869	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9872	EXB38V470J	RESISTOR ARRAY	1	
R9873	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9876	EXB38V470J	RESISTOR ARRAY	1	
R9877,78	EXB38V680J	RESISTOR ARRAY	2	
R9881,82	TAJAAH0470JV	M 47 OHM, J, 1/16W	2	D0GB470JA006
R9884	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R9885	EXB38V680J	RESISTOR ARRAY	1	
R9886	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R9887	TAJAAH0470JV	M 47 OHM, J, 1/16W	1	D0GB470JA006
R9888-91	EXB38V680J	RESISTOR ARRAY	4	
R9894	EXB38V680J	RESISTOR ARRAY	1	
R9895	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9898	ERJ3GEYJ223	M 22KOHM, J, 1/16W	1	
R9899	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9900-03	EXB38V680J	RESISTOR ARRAY	4	
R9905	EXB38V680J	RESISTOR ARRAY	1	
R9907-09	TAJAAH0470JV	M 47 OHM, J, 1/16W	3	D0GB470JA006
R9910	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R9911	EXB38V470J	RESISTOR ARRAY	1	
R9912	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R9913	TAJAAH0470JV	M 47 OHM, J, 1/16W	1	D0GB470JA006
R9914	EXB38V680J	RESISTOR ARRAY	1	
R9915	EXB38V470J	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9916	KXB38V680J	RESISTOR ARRAY	1	
R9917	KXB38V470J	RESISTOR ARRAY	1	
R9918,19	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9921	ERJ3GEYJ473	M 47KOHM, J, 1/16W	1	
R9922	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R9923	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R9924, 25	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9926	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R9928	ERJ3GEYJ272	M 2.7KOHM, J, 1/16W	1	
R9930, 31	ERJ3GEYJ560	M 56 OHM, J, 1/16W	2	
R9932, 33	TAJAAH0101JV	M 100 OHM, J, 1/16W	2	D0GB101JA006
R9934	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9935	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9936	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9938-40	ERJ3GEYJ103	M 10KOHM, J, 1/16W	3	
R9941	KXB38V103J	RESISTOR ARRAY	1	
R9942	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9943	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R9944, 45	ERJ3GEYJ103	M 10KOHM, J, 1/16W	2	
R9948	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9951	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9953	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9955	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9958	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R9959-62	ERJ3GEYJ103	M 10KOHM, J, 1/16W	4	
R9963	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R9964	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9966	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R9968	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9971	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9974	TAJAAH0101JV	M 100 OHM, J, 1/16W	1	D0GB101JA006
R9975	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R9976, 77	TAJAAH0101JV	M 100 OHM, J, 1/16W	2	D0GB101JA006
R9981	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9983	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9984	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R9985	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9986	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R9987	ERJ3GEYJ105	M 1MOHM, J, 1/16W	1	
R9991	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R9992	ERJ3GEYJ474	M 470KOHM, J, 1/16W	1	
R9995	ERJ3GEYJ103	M 10KOHM, J, 1/16W	1	
R9996	ERJ3GEYJ102	M 1KOHM, J, 1/16W	1	
R9997	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9998, 99	TAJAAH0101JV	M 100 OHM, J, 1/16W	2	D0GB101JA006
RL400	K6B1AGA00086	RELAY	1	△
RL401	TSEH0025	RELAY	1	K6B2AGA00020 △
RM001	PNA4601M05TV	REMOCO RECEIVER	1	
RTL	TNPA2428	CIRCUIT BOARD C1	1	△
RTL	TNPA2429	CIRCUIT BOARD C2	1	△
RTL	TNPA2430	CIRCUIT BOARD C3	1	△
RTL	TNPA2431	CIRCUIT BOARD C4	1	△
RTL	TNPA2432	CIRCUIT BOARD SU	1	△
RTL	TNPA2433	CIRCUIT BOARD SD	1	△
RTL	TNPA2436	CIRCUIT BOARD SS2	1	△
RTL	TNPA2437	CIRCUIT BOARD SS3	1	△
RTL	TNPA2249	CIRCUIT BOARD H3	1	△
RTL	TNPA2444	CIRCUIT BOARD F	1	△

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
RTL	TKN/P10LLS	CIRCUIT BOARD P	1	△
RTL	TNPA2439	CIRCUIT BOARD P3	1	△
RTL	TNPA2440	CIRCUIT BOARD P5	1	△
RTL	TNPA2441	CIRCUIT BOARD P6	1	△
RTL	TNPA2442	CIRCUIT BOARD P7	1	△
RTL	TNPA2443	CIRCUIT BOARD P8	1	△
RTL	TNPA2445	CIRCUIT BOARD Z	1	△
RTL	TZTNP01LLSB	CIRCUIT BOARD D1	1	△
RTL	TNPA2427	CIRCUIT BOARD D2	1	△
RTL	TNPA2434	CIRCUIT BOARD SC	1	△
RTL	TNPA2435	CIRCUIT BOARD SS	1	△
RTL	TNPA2283AC	CIRCUIT BOARD S1	1	△
RTL	TNPA2282AC	CIRCUIT BOARD V1	1	△
RTL	TZTNP01LLSU	CIRCUIT BOARD HX	1	△
RTL	TKNHY30JHS	CIRCUIT BOARD HY	1	△
RTL	TKNHZ40JJS	CIRCUIT BOARD HY	1	△
S061	TSE4GD0001	POWER SWITCH	1	K0F162B00002
S1554-56	EVQPB005R	SWITCH	3	
SC2	TJS3A9670	6P CONNECTOR	1	K1KA06A00179
SC4	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
SC20	K1KA10A00266	10P CONNECTOR	1	
SC21	K1KA11A00078	11P CONNECTOR	1	
SC41-44	K1KB40B00015	40P CONNECTOR	4	
SD1-D4	K1MN96B00001	CONNECTOR	4	
SS1	TJS3A9680	7P CONNECTOR	1	K1KA07A00095
SS3	K1KA10A00259	10P CONNECTOR	1	
SS11-16	K1KB26A00038	26P CONNECTOR	6	
SS21-24	TJSF41013	13P CONNECTOR	4	K1MN13B00020
SS25-27	K1KA26A00091	26P CONNECTOR	3	
SS31	TJSF41013	13P CONNECTOR	1	K1MN13B00020
SS32	TJS1A8880	12P TERMINAL	1	K1KA12A00176 (SS3)
SS32, 33	TJSF41013	13P CONNECTOR	2	K1MN13B00020 (SS)
SS34	TJS1A8790	3P CONNECTOR	1	K1KA03A00213 (SS)
SS34	TJSF41013	13P CONNECTOR	1	K1MN13B00020 (SS3)
SS35	K1KA04A00242	4P CONNECTOR	1	(SS)
SS35-37	K1KA26A00091	26P CONNECTOR	3	(SS3)
SS42	K1KA04A00242	4P CONNECTOR	1	
SU1-U4	K1MN96B00001	CONNECTOR	4	
T400	G4D4A0000038	SWITCHING TRANSFORMER	1	△
T401	G4D4A0000036	SWITCHING TRANSFORMER	1	△
T402	ET825AD1C3AG	SWITCHING TRANSFORMER	1	△
T6451	G4D1A0000055	SWITCHING TRANSFORMER	1	
T6471	G4D1A0000055	SWITCHING TRANSFORMER	1	
V34	K1KA08B00005	8P CONNECTOR	1	
X3801	TSSA148	CRYSTAL	1	H0J202500002
X9200	H1A3305B0005	CRYSTAL	1	
X9350	TSSA120	CRYSTAL	1	H0J327200038
X9450	TSSA081	CRYSTAL	1	H0J245500024
X9451	TSS9038-B	CRYSTAL	1	H0J200500016
X9601	H1A5005B0015	CRYSTAL	1	
X9602	H1A6505B0004	CRYSTAL	1	
X9603	H1A6005B0008	CRYSTAL	1	
X9701	TSS9038-B	CRYSTAL	1	H0J200500016
X9901	H0J921400003	CRYSTAL	1	
Z3	TJS3A9640	3P CONNECTOR	1	K1KA03A00171
Z4	TJS3A9650	4P CONNECTOR	1	K1KA04A00194
Z6	TJS1A8830	CONNECTOR	1	K1KA07A00056

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Z10	TJS1A8800	4P CONNECTOR	1	K1KA04A00242
Z17	TJS1A8840	8P CONNECTOR	1	K1KA08A00221