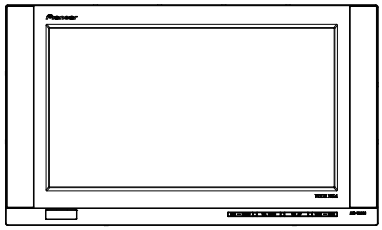
Pioneer *sound.vision.soul*

Service Manual



AVD-W9000/UR

ORDER NO.
CRT4180

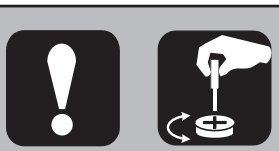
9 INCH WIDE XGA DISPLAY

AVD-W9000/UR

This product has the unit part number as below.

Unit Part No.	Description
CPN2826	Display Assy
CPN2827	Power Supply Assy

*) The unit part numbers listed above are not for the service components.



For details, refer to "Important Check Points for Good Servicing".

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SAFETY INFORMATION

This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer.
Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.
Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty.
If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

Where in a manufacturer's service documentation, for example in circuit diagrams or lists of components, a symbol is used to indicate that a specific component shall be replaced only by the component specified in that documentation for safety reasons, the following symbol shall be used:

[Important Check Points for Good Servicing]

In this manual, procedures that must be performed during repairs are marked with the below symbol.
Please be sure to confirm and follow these procedures.

1. Product safety

Please conform to product regulations (such as safety and radiation regulations), and maintain a safe servicing environment by following the safety instructions described in this manual.

① Use specified parts for repair.

Use genuine parts. Be sure to use important parts for safety.

② Do not perform modifications without proper instructions.

Please follow the specified safety methods when modification(addition/change of parts) is required due to interferences such as radio/TV interference and foreign noise.

③ Make sure the soldering of repaired locations is properly performed.

When you solder while repairing, please be sure that there are no cold solder and other debris.
Soldering should be finished with the proper quantity. (Refer to the example)

④ Make sure the screws are tightly fastened.

Please be sure that all screws are fastened, and that there are no loose screws.

⑤ Make sure each connectors are correctly inserted.

Please be sure that all connectors are inserted, and that there are no imperfect insertion.

⑥ Make sure the wiring cables are set to their original state.

Please replace the wiring and cables to the original state after repairs.
In addition, be sure that there are no pinched wires, etc.

⑦ Make sure screws and soldering scraps do not remain inside the product.

Please check that neither solder debris nor screws remain inside the product.

⑧ There should be no semi-broken wires, scratches, melting, etc. on the coating of the power cord.

Damaged power cords may lead to fire accidents, so please be sure that there are no damages.
If you find a damaged power cord, please exchange it with a suitable one.

⑨ There should be no spark traces or similar marks on the power plug.

When spark traces or similar marks are found on the power supply plug, please check the connection and advise on secure connections and suitable usage. Please exchange the power cord if necessary.

⑩ Safe environment should be secured during servicing.

When you perform repairs, please pay attention to static electricity, furniture, household articles, etc. in order to prevent injuries.
Please pay attention to your surroundings and repair safely.

2. Adjustments

To keep the original performance of the products, optimum adjustments and confirmation of characteristics within specification.
Adjustments should be performed in accordance with the procedures/instructions described in this manual.

3. Lubricants, Glues, and Replacement parts

Use grease and adhesives that are equal to the specified substance.
Make sure the proper amount is applied.

4. Cleaning

For parts that require cleaning, such as optical pickups, tape deck heads, lenses and mirrors used in projection monitors, proper cleaning should be performed to restore their performances.

5. Shipping mode and Shipping screws

To protect products from damages or failures during transit, the shipping mode should be set or the shipping screws should be installed before shipment. Please be sure to follow this method especially if it is specified in this manual.

CONTENTS

1. SERVICE PRECAUTIONS

1.1 SERVICE PRECAUTIONS

1) You should conform to the regulations governing the product (safety, radio and noise, and other regulations), and should keep the safety during servicing by following the safety instructions described in this manual.
2) Be careful in handling ICs. Some ICs such as MOS type are so fragile that they can be damaged by electrostatic induction.
3) Before disassembling the unit, be sure to turn off the power. Unplugging and plugging the connectors during power-on mode may damage the ICs inside the unit.
4) During disassembly, be sure to turn the power off since an internal IC might be destroyed when a connector is plugged or unplugged.
5) Because the screen of the LCD is not covered in the touch panel, don't touch the screen directly.

6) Following parts on the Video PCB can not be supplied.

Description	Circuit Symbol
Buzzer	BZ9001
Electrolytic Capacitor	C103, C104, C106, C107, C108, C109, C111, C112, C113, C115, C154, C155, C156, C157, C265, C268, C269, C274, C335, C337, C341, C342, C352, C357, C810, C811
Connector	CN201, CN801, CN9001, CN9002, CN9003
Filter	EF201, EF202, EF203
Filter	F212, F213, F214, F215, F216
IC	IC9002, IC9004
Inductor	L301, L309, L801, L802, L803
Resistor Array	LM201, LM202, LM203, LM204, LM205, LM206
Resistor	R219, R220, R221, R222, R223, R227, R818
Resistor Array	RM201, RM202, RM203, RM204, RM205, RM206
Oscillator	X201

1.2 NOTES ON SOLDERING

- For environmental protection, lead-free solder is used on the printed circuit boards mounted in this unit. Be sure to use lead-free solder and a soldering iron that can meet specifications for use with lead-free solders for repairs accompanied by reworking of soldering.

- Compared with conventional eutectic solders, lead-free solders have higher melting points, by approximately 40 ℃. Therefore, for lead-free soldering, the tip temperature of a soldering iron must be set to around 373 ℃ in general, although the temperature depends on the heat capacity of the PC board on which reworking is required and the weight of the tip of the soldering iron.

Compared with eutectic solders, lead-free solders have higher bond strengths but slower wetting times and higher melting temperatures (hard to melt/easy to harden).

The following lead-free solders are available as service parts:
- Parts numbers of lead-free solder:
  GYP1006 1.0 in dia.
  GYP1007 0.6 in dia.
  GYP1008 0.3 in dia.

2. SPECIFICATIONS

2.1 SPECIFICATIONS

General

Power source.....14.4 V DC (10.8 V to 15.1 V allowable)
Grounding system.....Negative type
Max. current consumption
..... 2.5 A
Backup current
..... 1.5 mA or less
Storage temperature range
..... -20 °C to +80 °C

Display unit

Dimensions (W × H × D) .. 251 mm × 156 mm × 40 mm
Weight ..... 1.2 kg
Screen size/aspect ratio..... 9.0 inch wide XGA (effective display area: 199.7 mm × 112.3 mm)
Pixels ..... 2 764 800 [1 280 (Horizontal) × 720 (Vertical) × 3 (RGB)]
Display method ..... TFT active matrix, transmissive type
Video format ..... 480i/60, 480p/60, 576i/50, 576p/50, 1080i/60, 720p/60 NTSC/PAL/SECAM compatible
Built-in speaker ..... 40 mm × 15 mm (Oval-type) × 2
Headphone output level..... 8 mW + 8 mW/16 ohm
Operating temperature range
..... -10 °C to +50 °C

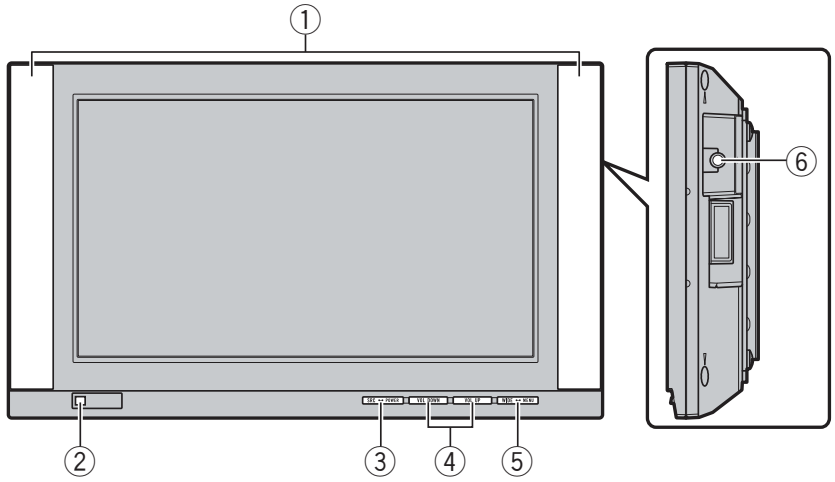
Hide-away unit

Dimensions (W × H × D) ... 178 mm × 157 mm × 30 mm
Weight ..... 0.68 kg
Video input level..... 1.0 Vp-p/75 ohm
Max. audio input level ..... 1.5 Vrms/22 kohm
Video output level..... 1.0 Vp-p/75 ohm
Max. audio output level ..... 1.5 Vrms/1 kohm
Component input level ..... Y: 1.0 Vp-p/75 ohm
Cb, Cr: 0.7 Vp-p/75 ohm
Component output level..... Y: 1.0 Vp-p/75 ohm
Cb, Cr: 0.7 Vp-p/75
Operating temperature range
..... -10 °C to +60 °C

Note

Specifications and the design are subject to modifications without notice due to improvements.■

2.2 PANEL FACILITIES



What 's What

Display unit

① **Built-in speaker**
Outputs the sound from a device connected to this unit.
- Audio does not output from the built-in speaker when headphones are connected.

② **Ambient light sensor**
Senses ambient light. This system automatically adjusts the brightness of the display to compensate for ambient light.

③ **SRC/POWER button**
This unit is turned on by selecting a source.
Press to cycle through all the available sources.
Press and hold to turn the unit off.
- This button is not effective when selecting **FRONT** in **POWER. C**.

④ **VOL DOWN/VOL UP buttons**
Press to increase or decrease the volume.
Press to change the settings when the setup menu or the picture adjustment menu is displayed.

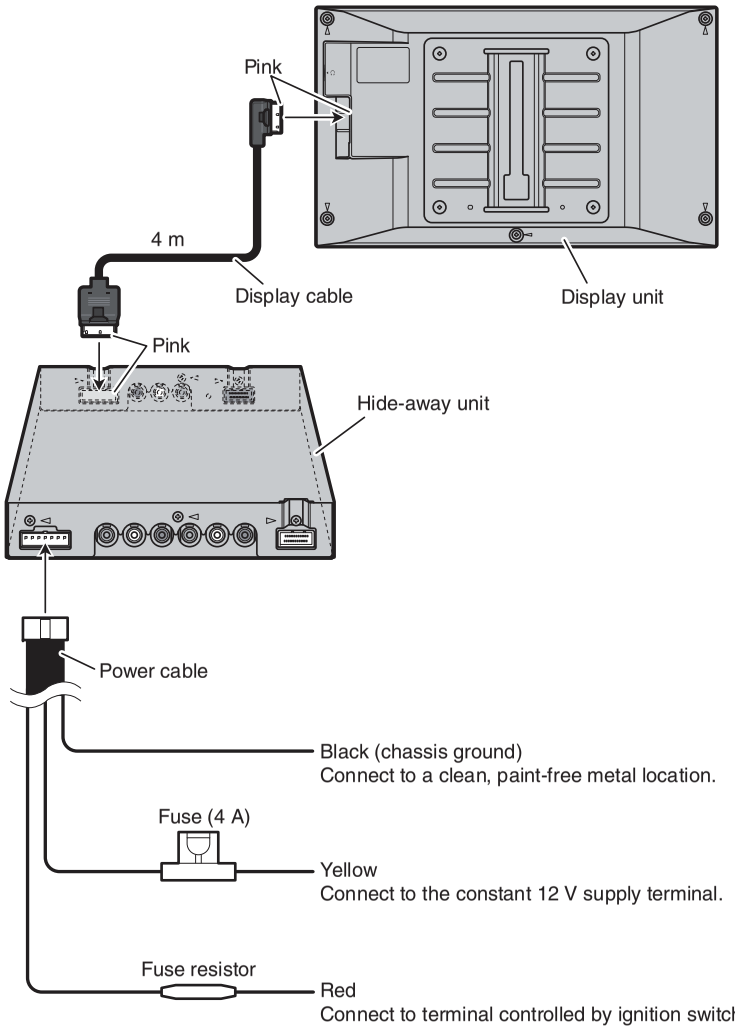
⑤ **WIDE/MENU button**
Press to select a desired mode for enlarging a 4:3 picture to a 16:9 one.
Press and hold to display the picture adjustment menu.
Press and hold to display the setup menu when the unit is off.

⑥ **Headphone jack (3.5 mm stereo jack)**
Use to connect headphones.▣

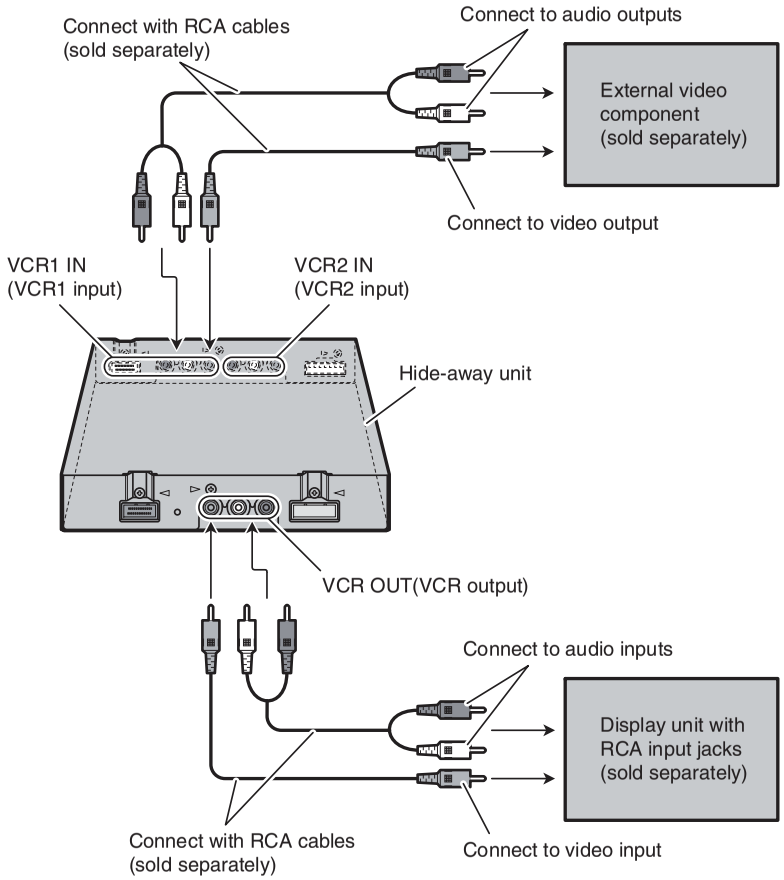
5 6 7 8

2.3 CONNECTION DIAGRAM

Connecting the power cable

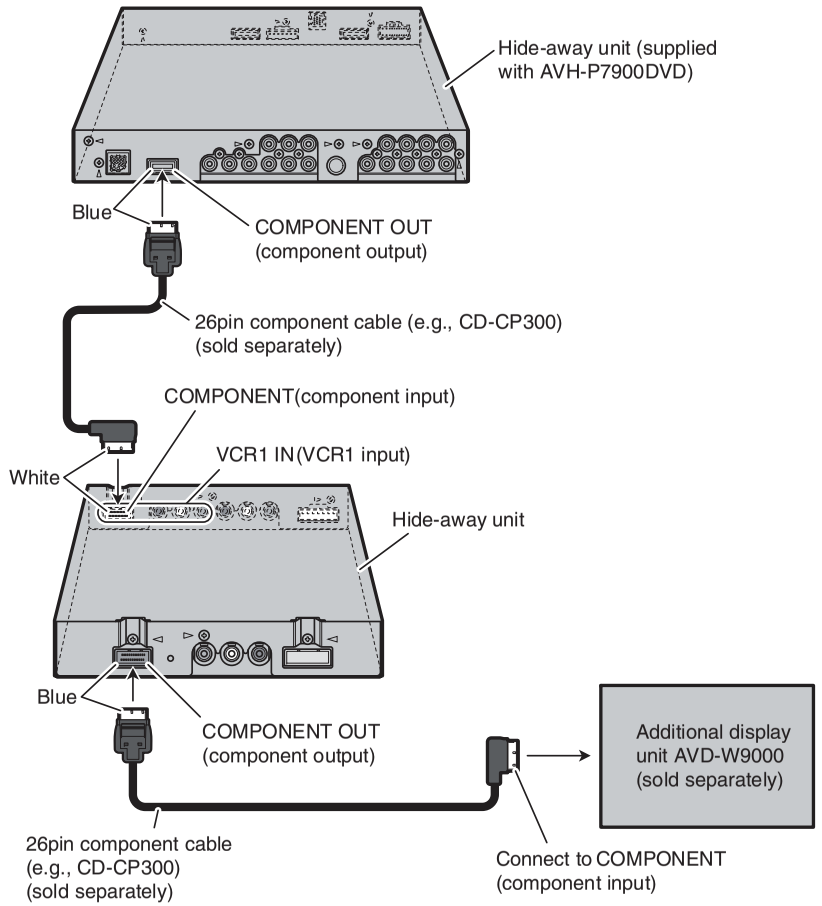


Connecting with RCA cables



- The signal from COMPONENT OUT(component output) and VCR OUT(VCR output) is not output when power to this display unit is turned off.

Connecting with component cables



- When you watch a DVD (built-in DVD player of AVH-P7900DVD) on both AVH-P7900DVD and this display unit, audio is not output from the built-in speaker of this display unit.
- The signal from COMPONENT OUT(component output) and VCR OUT(VCR output) is not output when power to this display unit is turned off. ■

3. BASIC ITEMS FOR SERVICE

3.1 CHECK POINTS AFTER SERVICING

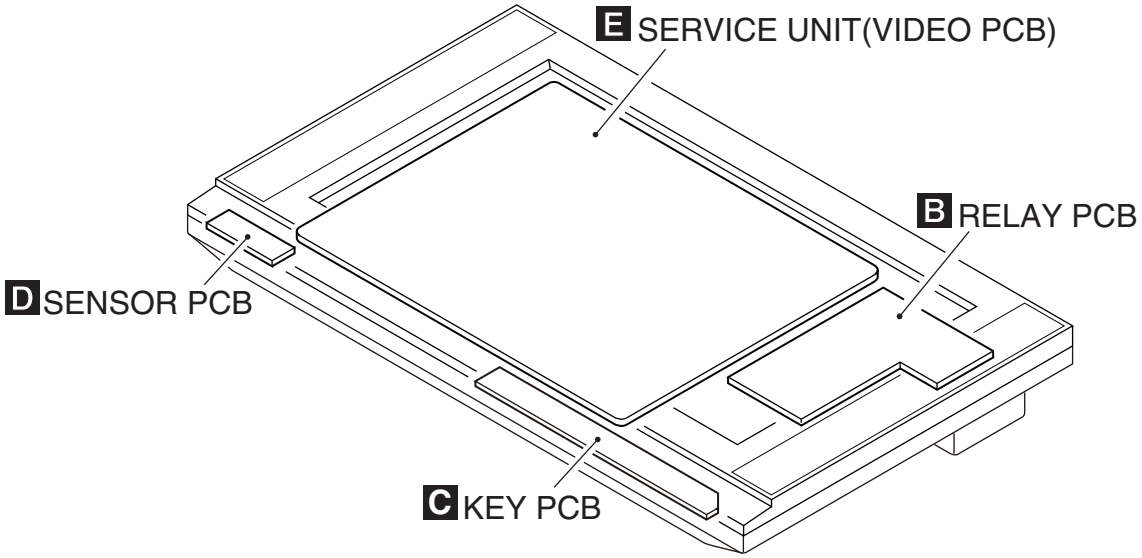
To keep the product quality after servicing, please confirm following check points.

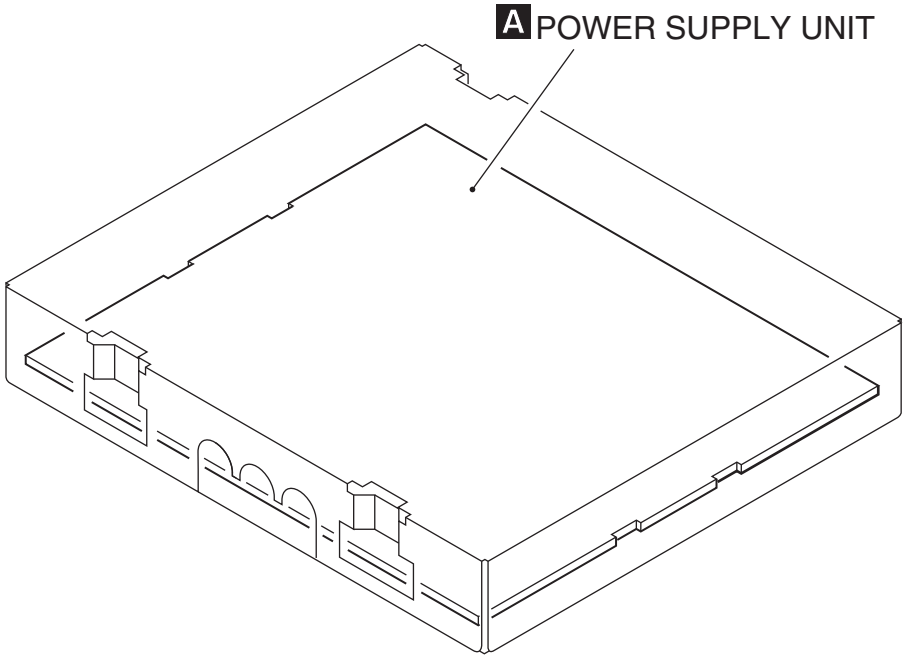
No.		Procedures	Item to be confirmed
1		Confirm whether the customer complain has been solved.	The customer complain must not be reappeared. Display, video, audio and operations must be normal.
2		Connect a video equipment.	Display, video, audio and operations must be normal.
3		Appearance check	No scratches or dirt on its appearance after receiving it for service.

See the table below for the items to be checked regarding video and audio:

Item to be checked regarding video	**Item to be checked regarding audio**
Block-noise	Distortion
Horizontal noise	Noise
Dot noise	Volume too low
Disturbed image (video jumpiness)	Volume too high
Too dark	Volume fluctuating
Too bright	Sound interrupted
Mottled color	

3.2 PCB LOCATIONS

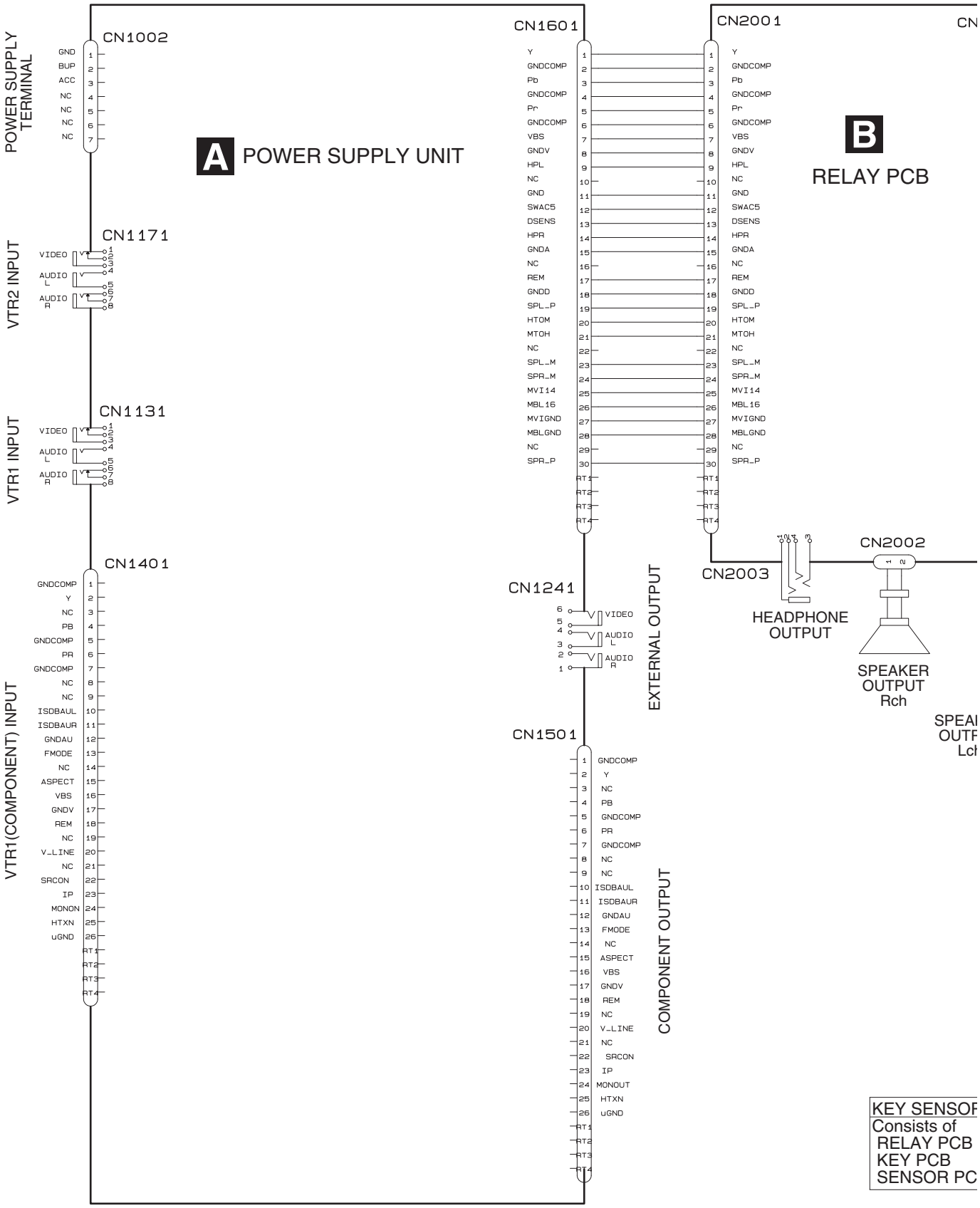


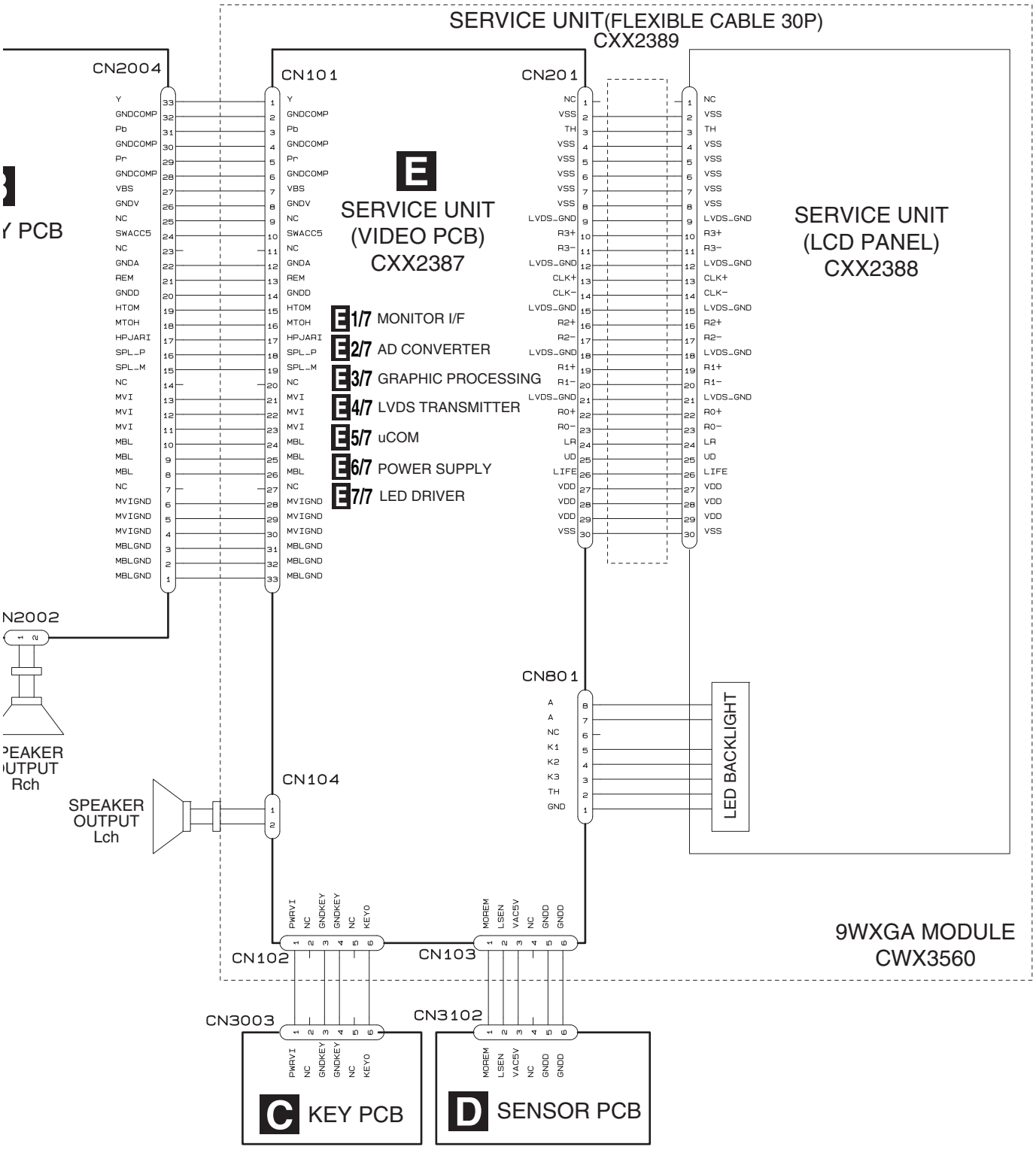


Unit Number : CWN3651
Unit Name : Power Supply Unit
Key Sensor Unit
Consists of
Relay PCB
Key PCB
Sensor PCB
Unit Number : CWN3417
Unit Name : Key Sensor Unit
Unit Number : CXX2387
Unit Name : Service Unit(Video PCB)

4. BLOCK DIAGRAM

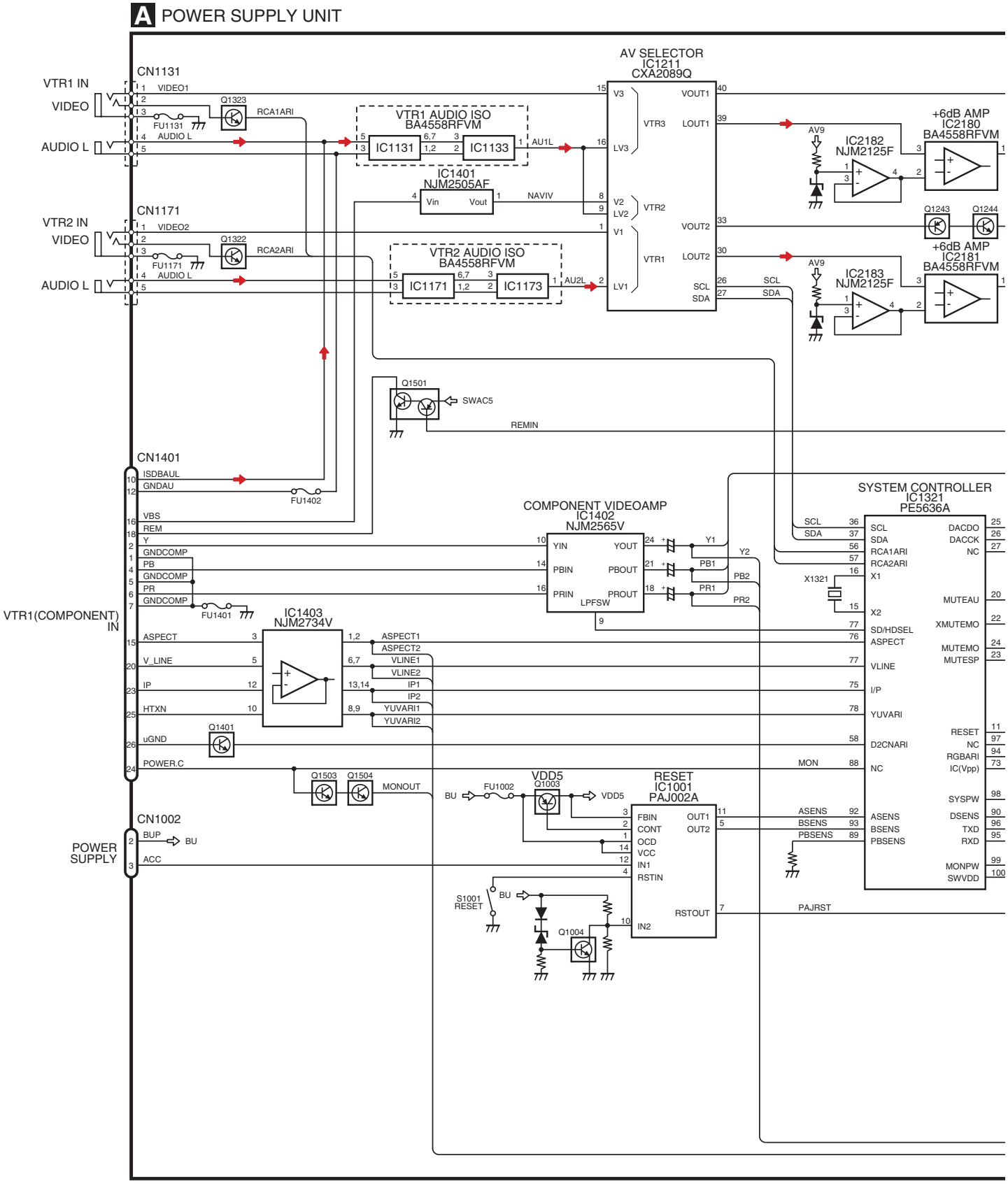
4.1 OVERALL CONNECTION DIAGRAM

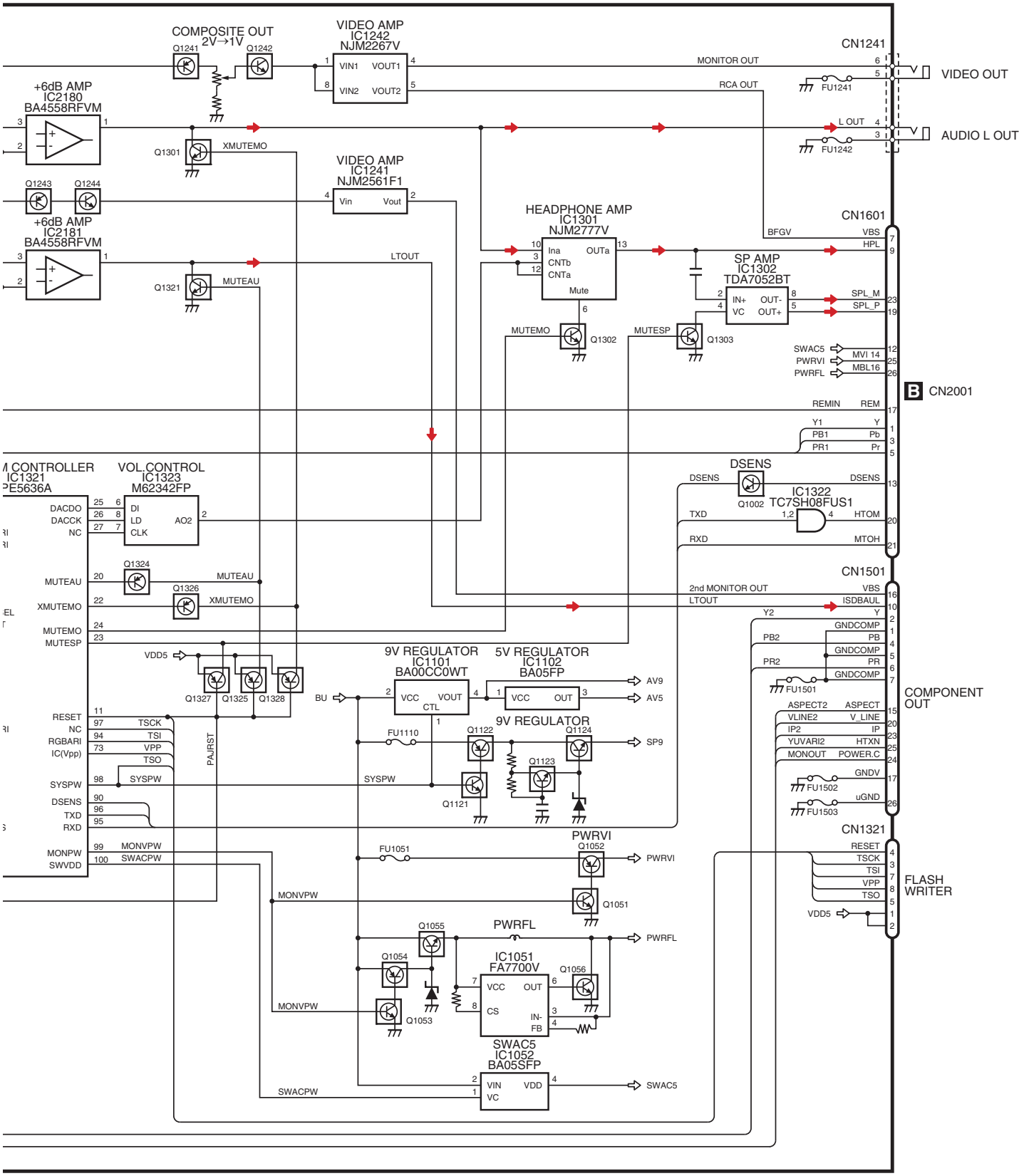


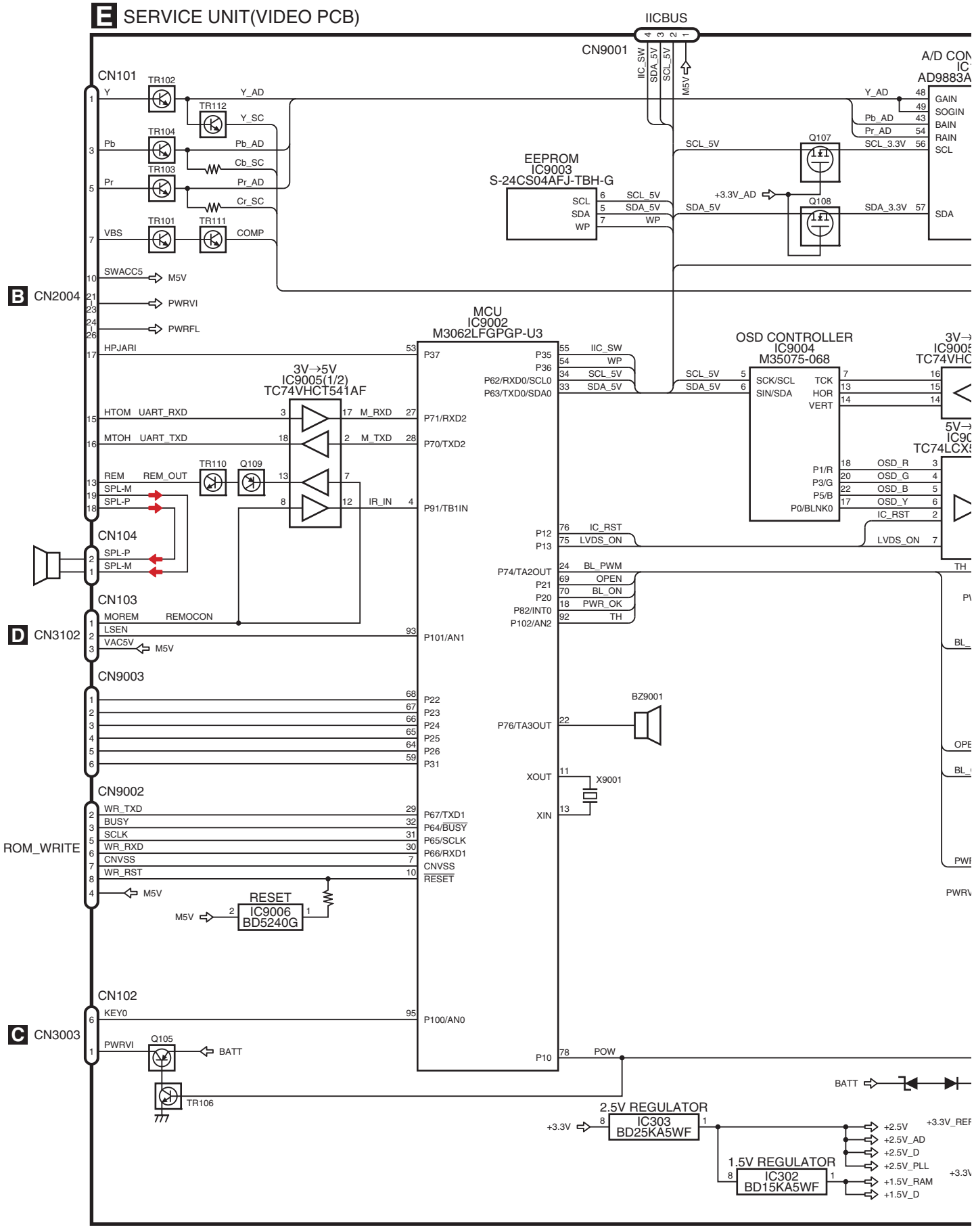


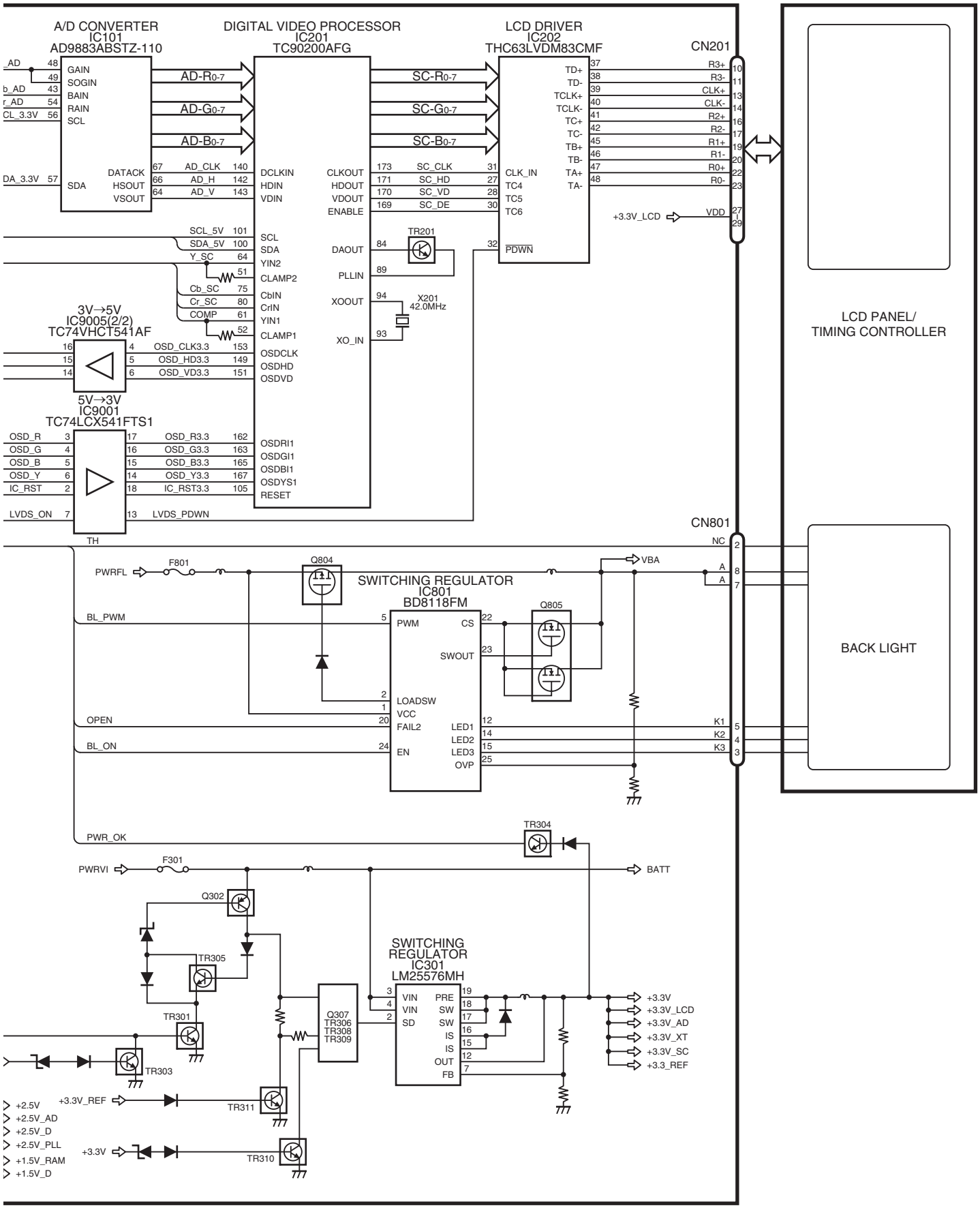
KEY SENSOR UNIT
Consists of
RELAY PCB
KEY PCB
SENSOR PCB

4.2 BLOCK DIAGRAM

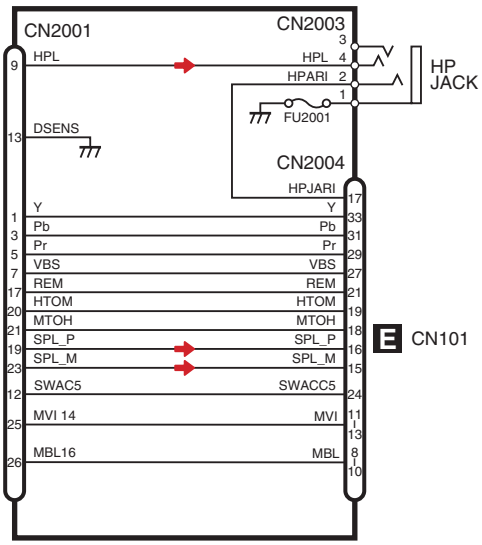



COMPOSITE OUT
2V→1V
Q1241
Q1242
VIDEO AMP
IC1242
NJM2267V
VIN1
VIN2
VOUT1
VOUT2
MONITOR OUT
RCA OUT
CN1241
VIDEO OUT
AUDIO L OUT
FU1241
FU1242
L OUT
+6dB AMP
IC2180
BA4558RFVM
Q1301
XMUTEMO
VIDEO AMP
IC1241
NJM2561F1
Vin
Vout
Q1243
Q1244
+6dB AMP
IC2181
BA4558RFVM
Q1321
MUTEAU
LTOUT
HEADPHONE AMP
IC1301
NJM2777V
Ina
CNTb
CNTa
Mute
OUTa
CN1601
BFGV
VBS
HPL
SP AMP
IC1302
TDA7052BT
IN+
VC
OUT-
OUT+
SPL_M
SPL_P
MUTEMO
Q1302
MUTESP
Q1303
SWAC5
PWRVI
PWRFL
MVI 14
MBL16
B CN2001
REMIN
REM
Y1
PB1
PR1
Y
Pb
Pr
DSENS
Q1002
IC1322
TC7SH08FUS1
TXD
RXD
HTOM
MTOH
CONTROLLER
IC1321
E5636A
VOL CONTROL
IC1323
M62342FP
DACDO
DACCK
NC
DI
LD
CLK
AO2
Q1324
Q1326
MUTEAU
XMUTEMO
MUTEMO
MUTESP
CN1501
2nd MONITOR OUT
LTOUT
VBS
ISDBAUL
Y
GNDCOMP
PB
PR
PB2
PR2
FU1501
COMPONENT
OUT
ASPECT2
ASPECT
VLINE2
V_LINE
IP2
IP
YUVARI2
HTXN
MONOUT
POWER.C
GNDV
uGND
FU1502
FU1503
CN1321
FLASH
WRITER
VDD5
Q1327
Q1325
Q1328
9V REGULATOR
IC1101
BA00CC0WT
5V REGULATOR
IC1102
BA05FP
BU
AV9
AV5
9V REGULATOR
FU1110
Q1122
Q1124
Q1123
Q1121
SP9
SYSPW
RESET
TSCK
TSI
VPP
TSO
RGBARI
IC(Vpp)
PAJRST
DSENS
TXD
RXD
MONPW
SWVDD
MONVPW
SWACPW
PWRVI
FU1051
Q1052
Q1051
PWRFL
Q1055
Q1054
Q1053
IC1051
FA7700V
VCC
OUT
CS
IN-
FB
Q1056
SWAC5
IC1052
BA05SFP
VIN
VDD
VC
SWAC5

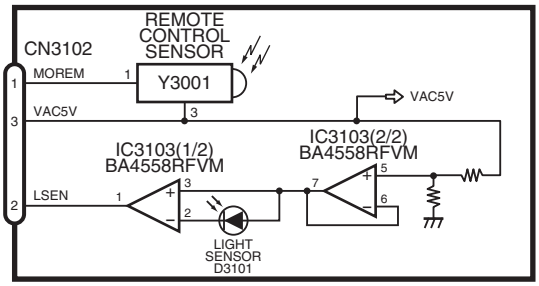

E SERVICE UNIT(VIDEO PCB)
IICBUS
CN9001
IIC_SW
SDA_5V
SCL_5V
M5V
CN101
Y
Pb
Pr
VBS
TR102
TR112
TR104
TR103
TR101
TR111
Y_AD
Y_SC
Pb_AD
Cb_SC
Pr_AD
Cr_SC
COMP
SWACC5
M5V
PWRVI
PWRFL
B CN2004
HPJARI
EEPROM
IC9003
S-24CS04AFJ-TBH-G
SCL
SDA
WP
Q107
Q108
+3.3V_AD
A/D CON
AD9883A
GAIN
SOGIN
BAIN
RAIN
SCL
SDA
Y_AD
Pb_AD
Pr_AD
SCL_3.3V
SDA_3.3V
MCU
IC9002
M3062LFGPGP-U3
3V→5V
IC9005(1/2)
TC74VHCT541AF
HTOM UART_RXD
MTOH UART_TXD
M_RXD
M_TXD
P71/RXD2
P70/TXD2
REM REM_OUT
SPL-M
SPL-P
TR110
Q109
IR_IN
P91/TB1IN
CN104
CN103
MOREM
REMOCON
LSEN
VAC5V
D CN3102
P101/AN1
OSD CONTROLLER
IC9004
M35075-068
SCK/SCL
SIN/SDA
TCK
HOR
VERT
P1/R
P3/G
P5/B
P0/BLNK0
OSD_R
OSD_G
OSD_B
OSD_Y
IC_RST
LVDS_ON
3V→
IC9005
TC74VHC
5V→
IC90
TC74LCX
TH
PW
BL_
OPE
PWR
P35
P36
P62/RXD0/SCL0
P63/TXD0/SDA0
P12
P13
P74/TA2OUT
P21
P20
P82/INT0
P102/AN2
P76/TA3OUT
BZ9001
XOUT
XIN
X9001
CN9003
P22
P23
P24
P25
P26
P31
CN9002
ROM_WRITE
WR_TXD
BUSY
SCLK
WR_RXD
CNVSS
WR_RST
P67/TXD1
P64/BUSY
P65/SCLK
P66/RXD1
CNVSS
RESET
RESET
IC9006
BD5240G
CN102
KEY0
C CN3003
P100/AN0
PWRVI
Q105
BATT
TR106
P10
POW
BATT
2.5V REGULATOR
IC303
BD25KA5WF
+3.3V
+2.5V
+2.5V_AD
+2.5V_D
+2.5V_PLL
+3.3V_REF
1.5V REGULATOR
IC302
BD15KA5WF
+1.5V_RAM
+1.5V_D
+3.3V


A/D CONVERTER
IC101
AD9883ABSTZ-110
DIGITAL VIDEO PROCESSOR
IC201
TC90200AFG
LCD DRIVER
IC202
THC63LVDM83CMF
CN201
LCD PANEL/
TIMING CONTROLLER
3V→5V
IC9005(2/2)
TC74VHCT541AF
5V→3V
IC9001
TC74LCX541FTS1
SWITCHING REGULATOR
IC801
BD8118FM
CN801
BACK LIGHT
SWITCHING
REGULATOR
IC301
LM25576MH
X201
42.0MHz
AD-R0-7
AD-G0-7
AD-B0-7
SC-R0-7
SC-G0-7
SC-B0-7
PWRFL
PWRVI
BATT
VBA
PWR_OK
BL_PWM
BL_ON
OPEN
LVDS_ON
LVDS_PDWN
+3.3V_LCD
+3.3V
+3.3V_LCD
+3.3V_AD
+3.3V_XT
+3.3V_SC
+3.3_REF
+2.5V
+2.5V_AD
+2.5V_D
+2.5V_PLL
+1.5V_RAM
+1.5V_D
+3.3V_REF

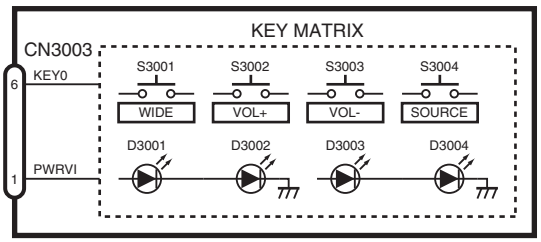
B RELAY PCB



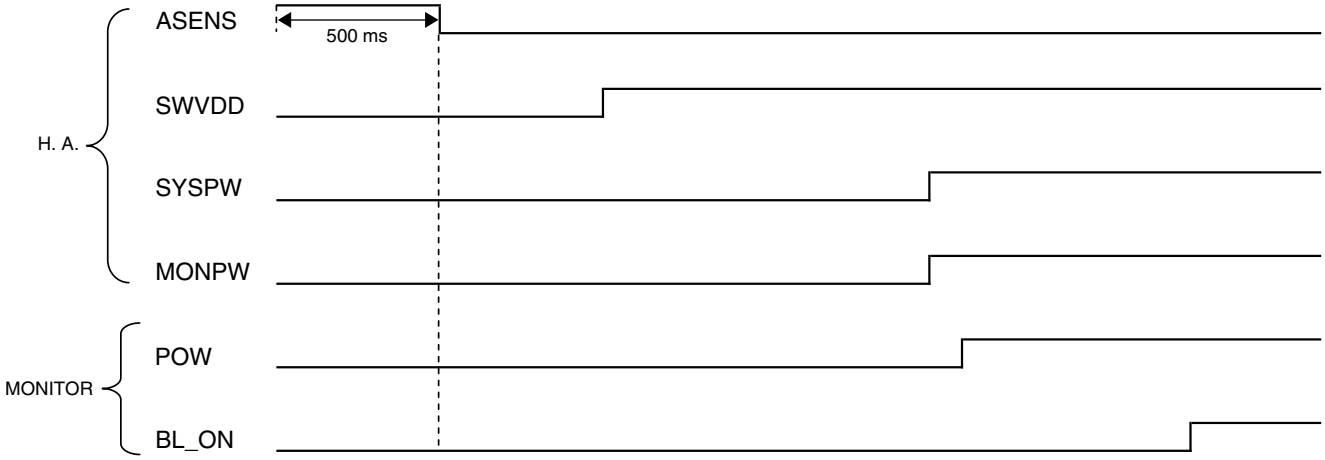
D SENSOR PCB



C KEY PCB

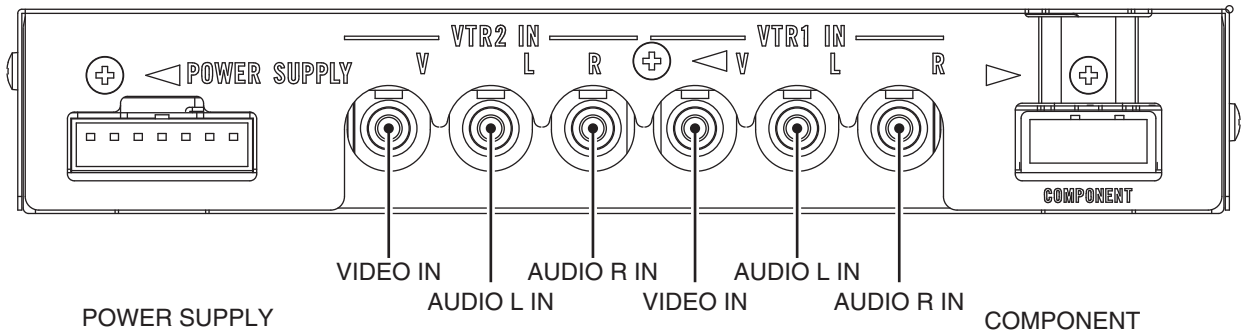


5. DIAGNOSIS
5.1 OPERATIONAL FLOWCHART



5.2 CONNECTOR FUNCTION DESCRIPTION

● POWER SUPPLY ASSY



POWER SUPPLY

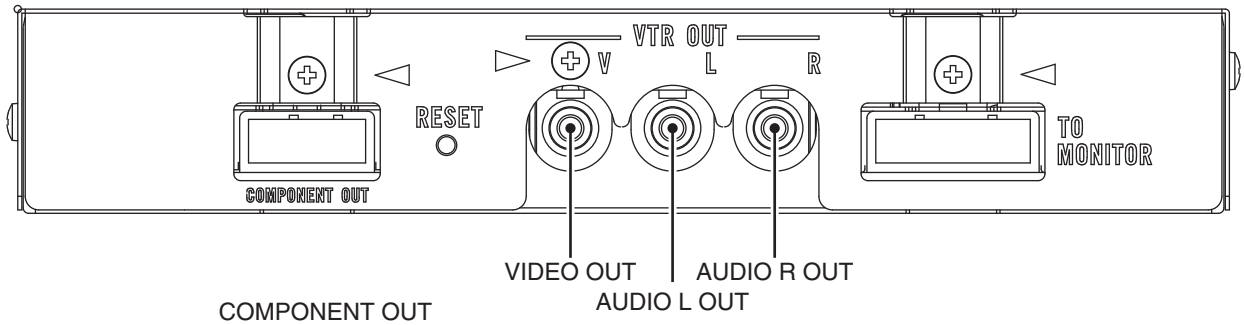
1	2	3	4	5	6	7

1 : GND
2 : BUP
3 : ACC
4 : NC
5 : PARK
6 : NC
7 : NC

COMPONENT

2	4	6	8	10	12	14	16	18	20	22	24	26
1	3	5	7	9	11	13	15	17	19	21	23	25

1. GNDCOMP	14. NC
2. Y	15. ASPECT
3. NC	16. VBS
4. PB	17. GNDV
5. GNDCOMP	18. REM
6. PR	19. NC
7. GNDCOMP	20. V_LINE
8. NC	21. NC
9. NC	22. NC
10. ISDBAUL	23. IP
11. ISDBAUR	24. POWER.C
12. GNDAU	25. HTXN
13. FMODE	26. UGND



COMPONENT OUT

2	4	6	8	10	12	14	16	18	20	22	24	26
1	3	5	7	9	11	13	15	17	19	21	23	25

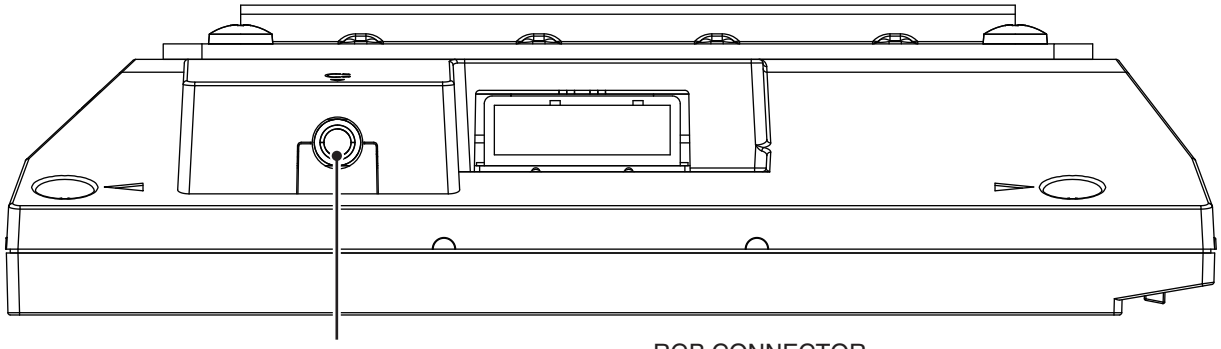
1. GNDCOMP	14. NC
2. Y	15. ASPECT
3. NC	16. VBS
4. PB	17. GNDV
5. GNDCOMP	18. REM
6. PR	19. NC
7. GNDCOMP	20. V_LINE
8. NC	21. NC
9. NC	22. NC
10. ISDBAUL	23. IP
11. ISDBAUR	24. POWER.C
12. GNDAU	25. HTXN
13. FMODE	26. UGND

RGB CONNECTOR

2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
1	3	5	7	9	11	13	15	17	19	21	23	25	27	29

1 : Y	11 : GND	21 : MTOH
2 : GNDCOMP	12 : SWAC5	22 : NC
3 : Pb	13 : DSENS	23 : SPL_M
4 : GNDCOMP	14 : HPR	24 : SPR_M
5 : Pr	15 : GNDA	25 : MVI14
6 : GNDCOMP	16 : NC	26 : MBL16
7 : VBS	17 : REM	27 : MVIGND
8 : GNDV	18 : GNDD	28 : MBLGND
9 : HPL	19 : SPL_P	29 : NC
10 : NC	20 : HTOM	30 : SPR_P

● **DISPLAY ASSY**



HEADPHONE OUTPUT

RGB CONNECTOR

2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	
1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	

1 : Y	11 : GND	21 : MTOH
2 : GNDCOMP	12 : SWAC5	22 : NC
3 : Pb	13 : DSENS	23 : SPL_M
4 : GNDCOMP	14 : HPR	24 : SPR_M
5 : Pr	15 : GNDA	25 : MVI14
6 : GNDCOMP	16 : NC	26 : MBL16
7 : VBS	17 : REM	27 : MVIGND
8 : GNDV	18 : GNDD	28 : MBLGND
9 : HPL	19 : SPL_P	29 : NC
10 : NC	20 : HTOM	30 : SPR_P

6. SERVICE MODE

There is not information to be shown in this chapter.

7. DISASSEMBLY

● Removing the Bracket (Fig.1)

1 Remove the four screws and then remove the bracket.(Fig.1)

● Removing the Case (Fig.1, 2)

2 Remove the five screws. (Fig.1)

Packing the part of ▷ with the mark is removed. (Fig.1, 2)

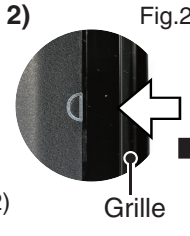
3 The entire grill is bent, and hook is removed pushing

4 the grille ◁ near the mark.(Fig.1, 2)

5

Remove the the Case.(Fig.1)

Fig.2



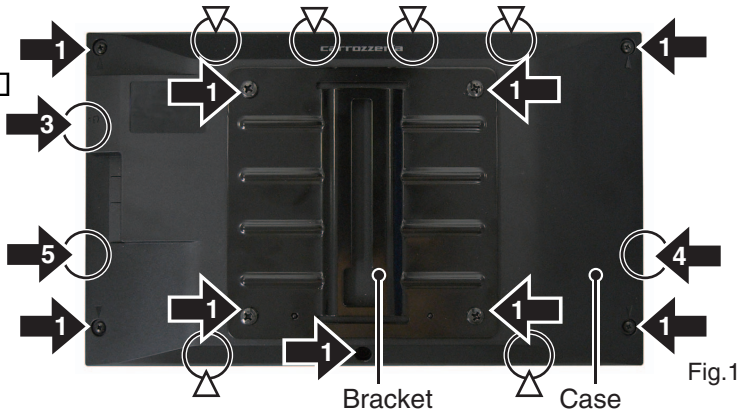


Fig.1

● Removing the RGB Unit, Key Unit and Senser Unit (Fig.3)

1 Remove the FFC1. Remove the screw.

2 Remove the two screws and then remove the RGB Unit. Remove the FFC2.

3 Remove the two screws and then remove the Key Unit. Remove the FFC3.

4 Remove the two screws and then remove the Holder.

Remove the the Senser Unit.

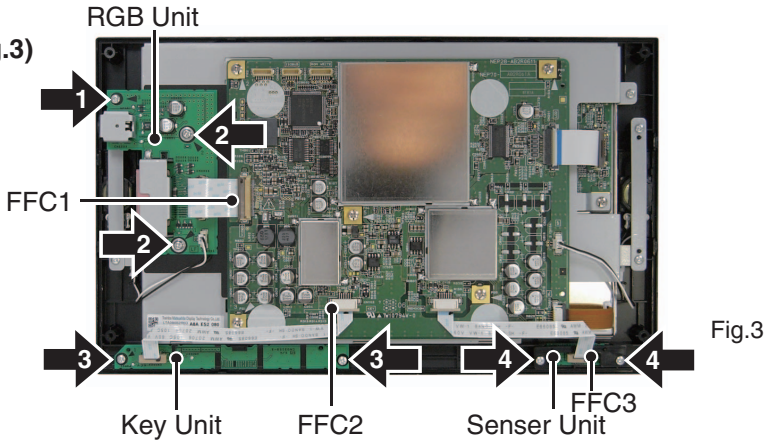


Fig.3

● Removing the 9WXGA Module(Fig.4)

Disconnect the Cable.

1 Remove the two screws and then remove the holder.

2 Remove the screw and then remove the 9WXGA Module.

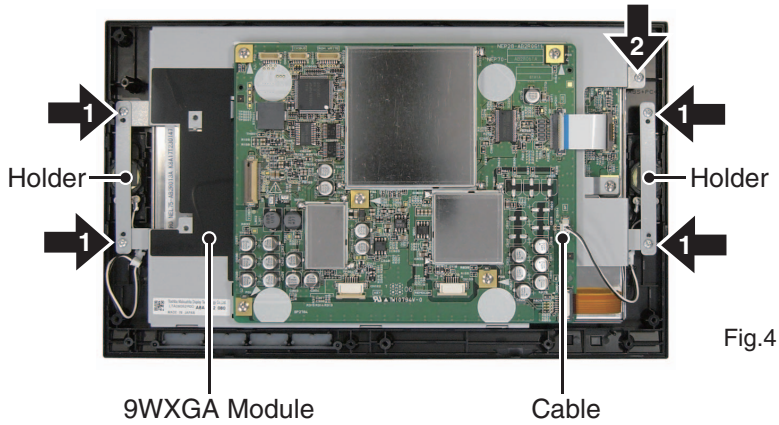
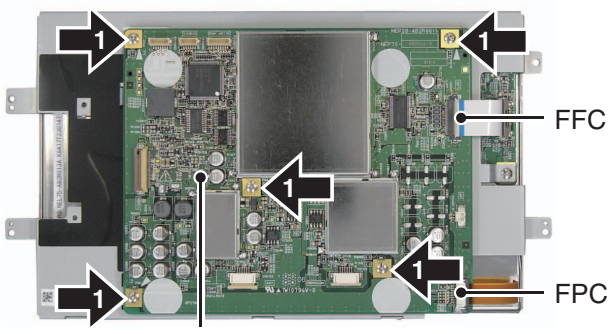


Fig.4

● Removing the Video PCB(Fig.5)

Remove the FFC. Remove the FPC.

1 Remove the five screws and then remove the Video PCB.

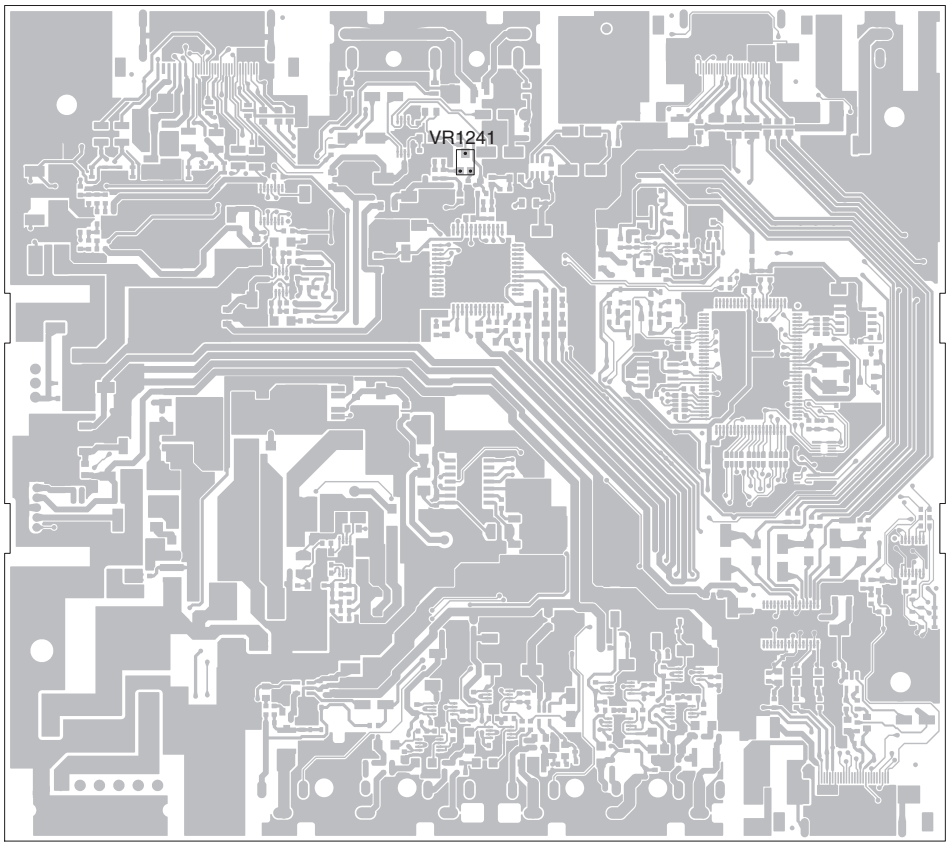


8. EACH SETTING AND ADJUSTMENT

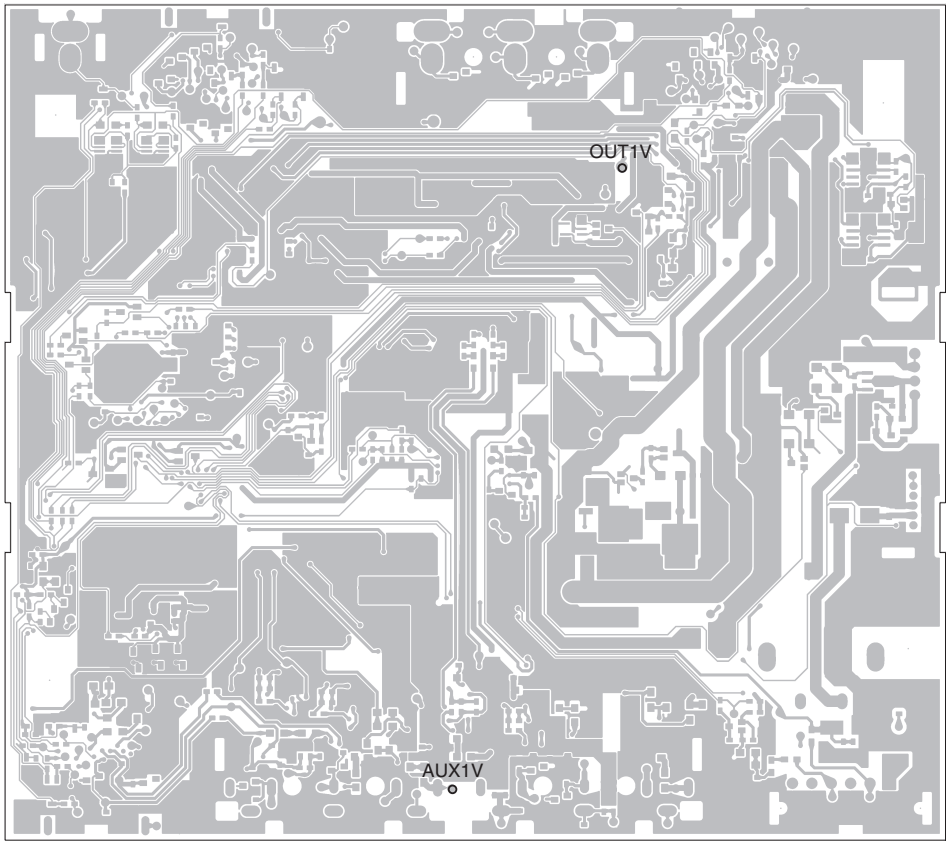
8.1 POWER SUPPLY UNIT ADJUSTMENT

● **Adjustment point**

POWER SUPPLY UNIT(SIDE A)



POWER SUPPLY UNIT(SIDE B)



Step	Adjustment item	Mode	Input (input test pin,specs, other conditions)	Output (measuring point, waveform)	Measuring instruments	Specs	Adjusting point
1	Composite video level	VTR	Input test pin : AUX1V Signal : 100IRE(white 100 %) Level : 1.0 Vp-p(75 ohm)	Measuring point : OUT1V 	Oscilloscope	1.00 Vp-p ± 0.03 Vp-p Measure between the sync tip and 100IRE (top level). Measuring conditions: Select the 75 ohm terminal on the measuring instrument.	VR1241

8.2 FUNCTION TO CHANGE THE COLOR TEMPERATURE INITIAL VALUE

Function to change the color temperature initial value

Explanation of operation: When the color tone is different even if same things (for example, map image) are displayed for shop display because the variation of monitor color temperature between products, it is possible to change the initial value of color temperature adjustment of product using the function to change the initial value of color temperature.
For example, if you set the color temperature initial value to +2, the system starts up by +2 after resetting.
The color temperature adjustment by normal image quality setting MENU can be implemented normally.

Operation method:

Advance preparation

Implement the color temperature adjustment of image quality adjustment and search the setting value to be set as initial value.

Change of color temperature initial value

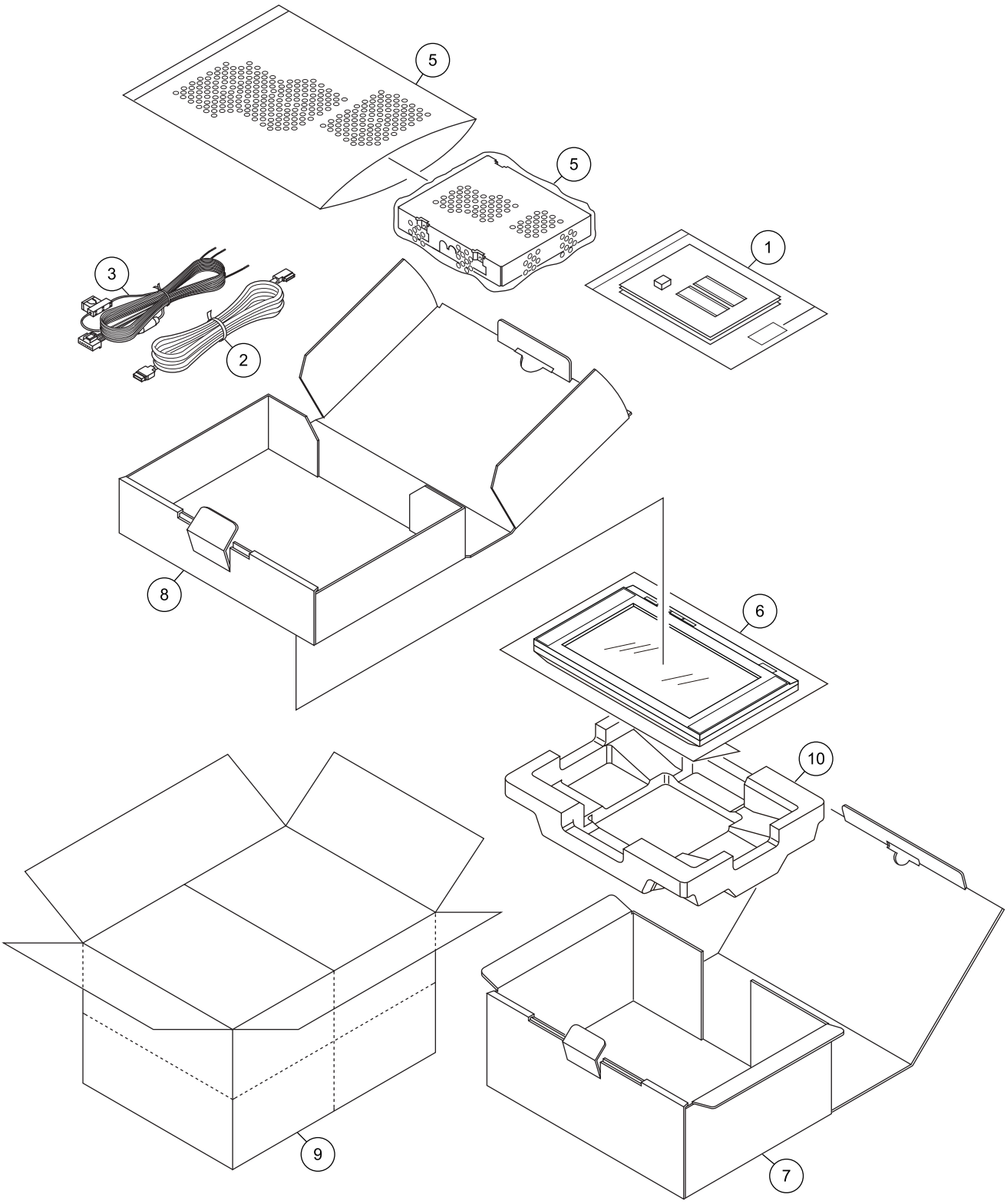
Press the reset key
↓
Press the VOL+ key
↓
Press the VOL- key
↓
Press the VOL+ key
↓
Press the VOL- key
↓
Press the VOL+ key
↓
Press the SOURCE key
↓
"PUSH POWER KEY" is displayed.
↓
Press the WIDE key
↓
Color temperature adjustment MENU is opened
↓
Change the adjustment value: VOL-/+ key
↓
Fix: press the SOURCE key
↓
End

Confirmation
Check the color temperature setting value above remains if the reset is implemented.

9. EXPLODED VIEWS AND PARTS LIST

NOTES : • *Parts marked by " * " are generally unavailable because they are not in our Master Spare Parts List.*
• *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
• *Screw adjacent to▽ mark on the product are used for disassembly.*
• *For the applying amount of lubricants or glue, follow the instructions in this manual. (In the case of no amount instructions,apply as you think it appropriate.)*

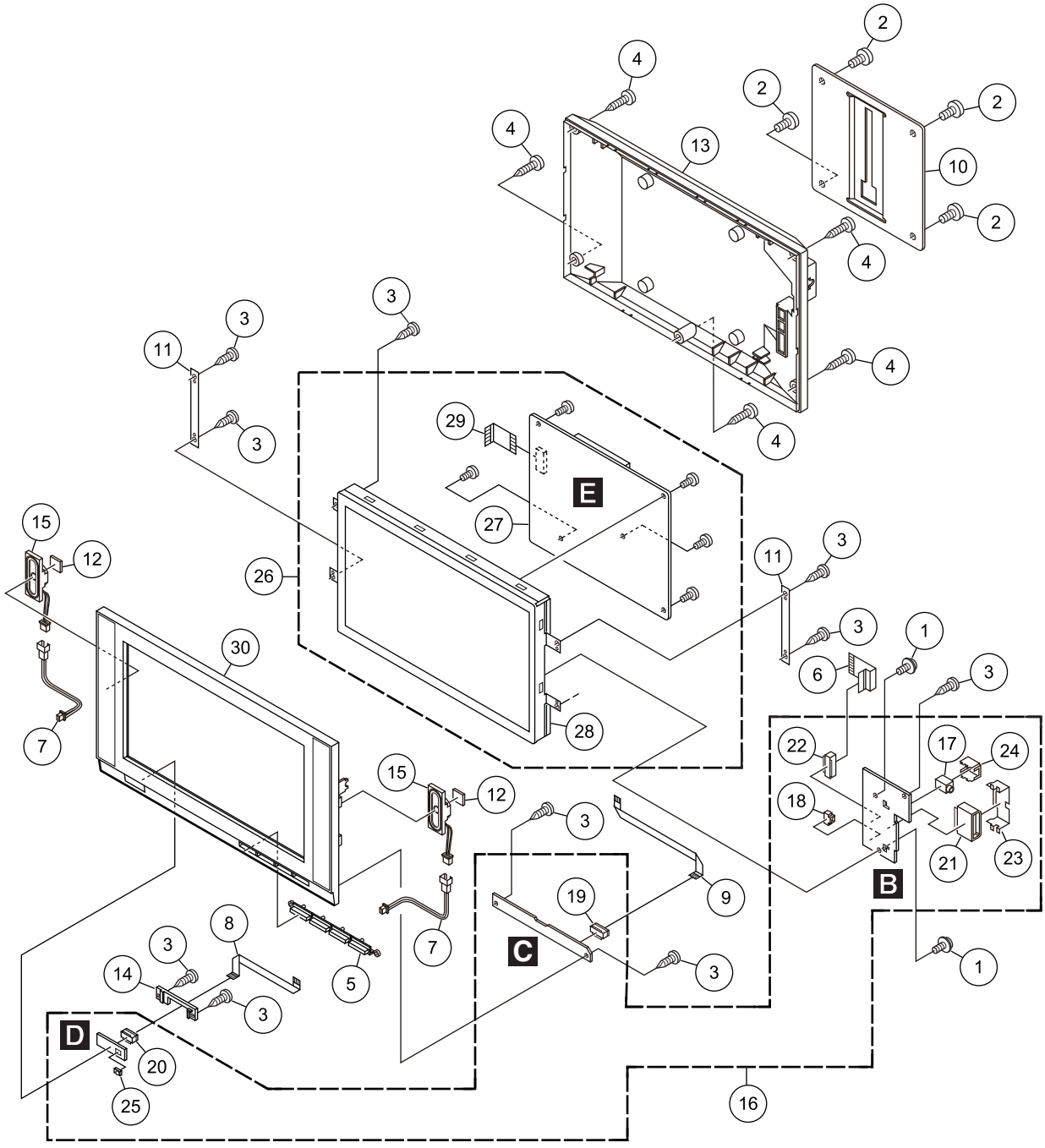
9.1 PACKING



PACKING SECTION PARTS LIST

Mark	No.	Description	Part No.
	1-1	Polyethylene Bag	CEG1116
	1-2	Owner's Manual(English, Russian)	CRD4362
*	1-3	Warranty Card	CRY1265
	1-4	Fastener	CNM3728
	1-5	Fastener	CNM3729
	1-6	Cushion	CNN1542
	2	Cord Assy	CDE8276
	3	Cord Assy	CDE8283
	4	•••••	
	5	Air Cushioned Bag	CEG1007
*	6	Polyethylene Bag	CEG1401
	7	Unit Box	CHG6624
	8	Sub Unit Box	CHA3716
	9	Contain Box	CHL6624
	10	Protector	CHP3610

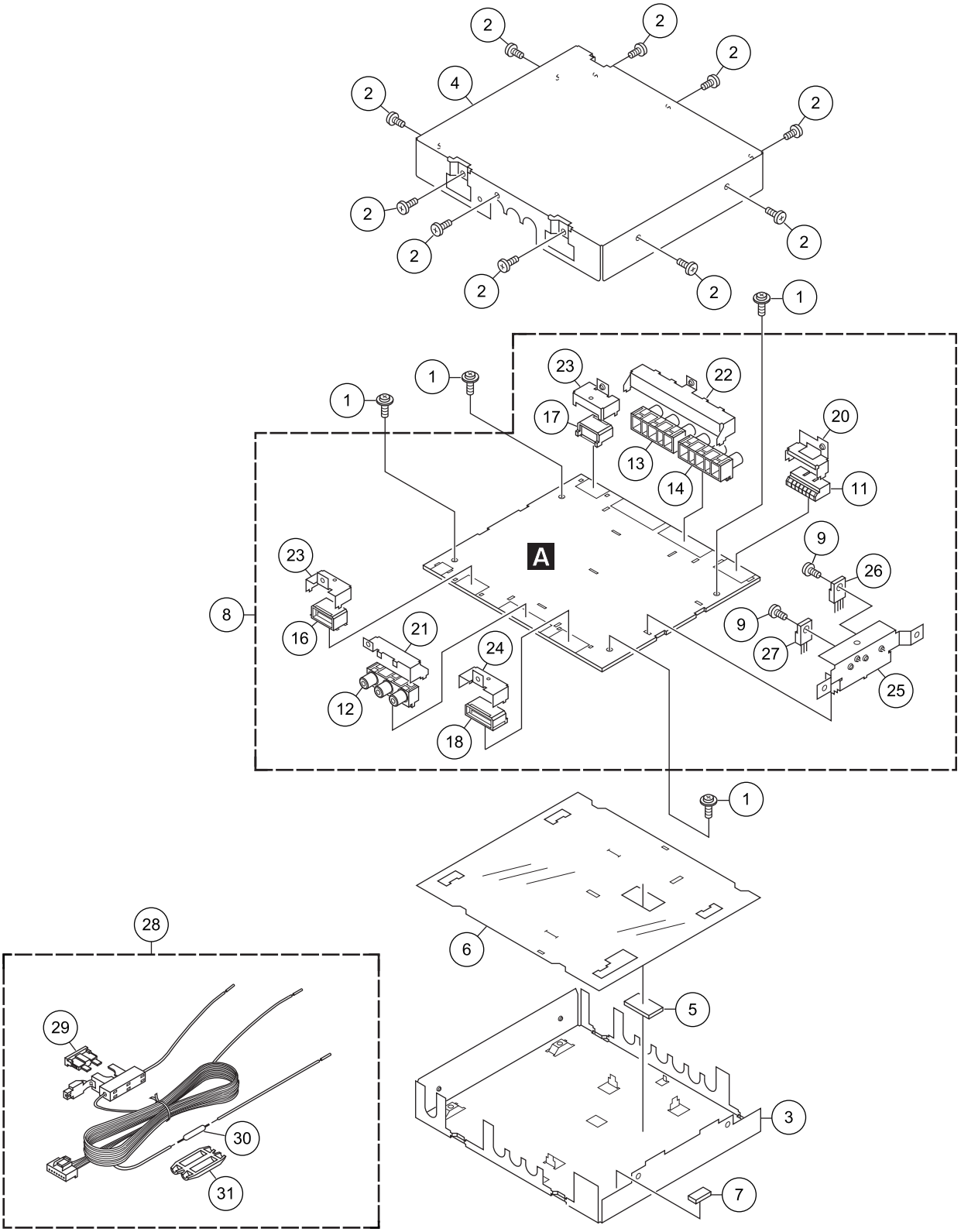
9.2 DISPLAY ASSY



DISPLAY ASSY SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	Screw	ASZ26P060FTC
	2	Screw	BMZ40P060FTB
	3	Screw	BPZ20P070FTC
	4	Screw	BPZ26P100FTB
	5	Button	CAI1972
	6	FFC	CDE8623
	7	Cord Assy	CDE8625
	8	FFC	CDE8678
	9	FFC	CDE8679
	10	Bracket	CND3592
	11	Holder	CND4572
	12	Cushion	CNN2478
	13	Case	CNS9611
	14	Holder	CNV9284
	15	Speaker	CPV1065
	16	Key sense Unit	CWN3417
	17	Jack(CN2003)	CKN1046
	18	Connector(CN2002)	CKS4822
	19	Connector(CN3003)	CKS4993
	20	Connector(CN3102)	CKS4993
	21	Connector(CN2001)	CKS5626
	22	Connector(CN2004)	CKS6018
	23	Holder	CND2379
	24	Holder	CND3589
	25	Remote Optic Recever Unit(Y3001)	RPMS2401-H19
	26	9WXGA Module	CWX3560
	27	Service Unit(Video PCB)	CXX2387
	28	Service Unit(LCD Panel)	CXX2388
	29	service Unit(Flexible PCB)	CXX2389
	30	Grille Unit	CXC9963

9.3 POWER SUPPLY ASSY



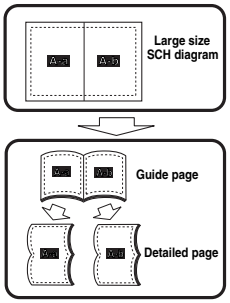
POWER SUPPLY ASSY SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	Screw	ASZ26P050FTC
	2	Screw	BMZ26P050FTC
	3	Chassis	CNA2942
	4	Case	CNB3532
	5	Sheet	CNN1453
	6	Insulator	CNN2411
	7	Sheet	CNN2477
	8	Power Supply Unit	CWN3651
	9	Screw	BMZ26P060FTC
	10	•••••	
	11	Plug(CN1002)	CKM1134
	12	Pin Jack(CN1241)	CKS2918
	13	Pin Jack(CN1131)	CKS3149
	14	Pin Jack(CN1171)	CKS3149
	15	•••••	
	16	Connector(CN1501)	CKS5591
	17	Connector(CN1401)	CKS5596
	18	Connector(CN1601)	CKS5626
	19	•••••	
	20	Holder	CND1415
	21	Holder	CND2007
	22	Holder	CND2163
	23	Holder	CND2214
	24	Holder	CND2986
	25	Holder	CND3346
	26	IC(IC1101)	BAOOCCOWT
	27	Transistor(Q1124)	2SD2375
	28	Cord Assy	CDE8283
⚠	29	Fuse(4 A)	CEK1001
	30	Resistor	RS1/2PMF102J
	31	Cap	CNS1472

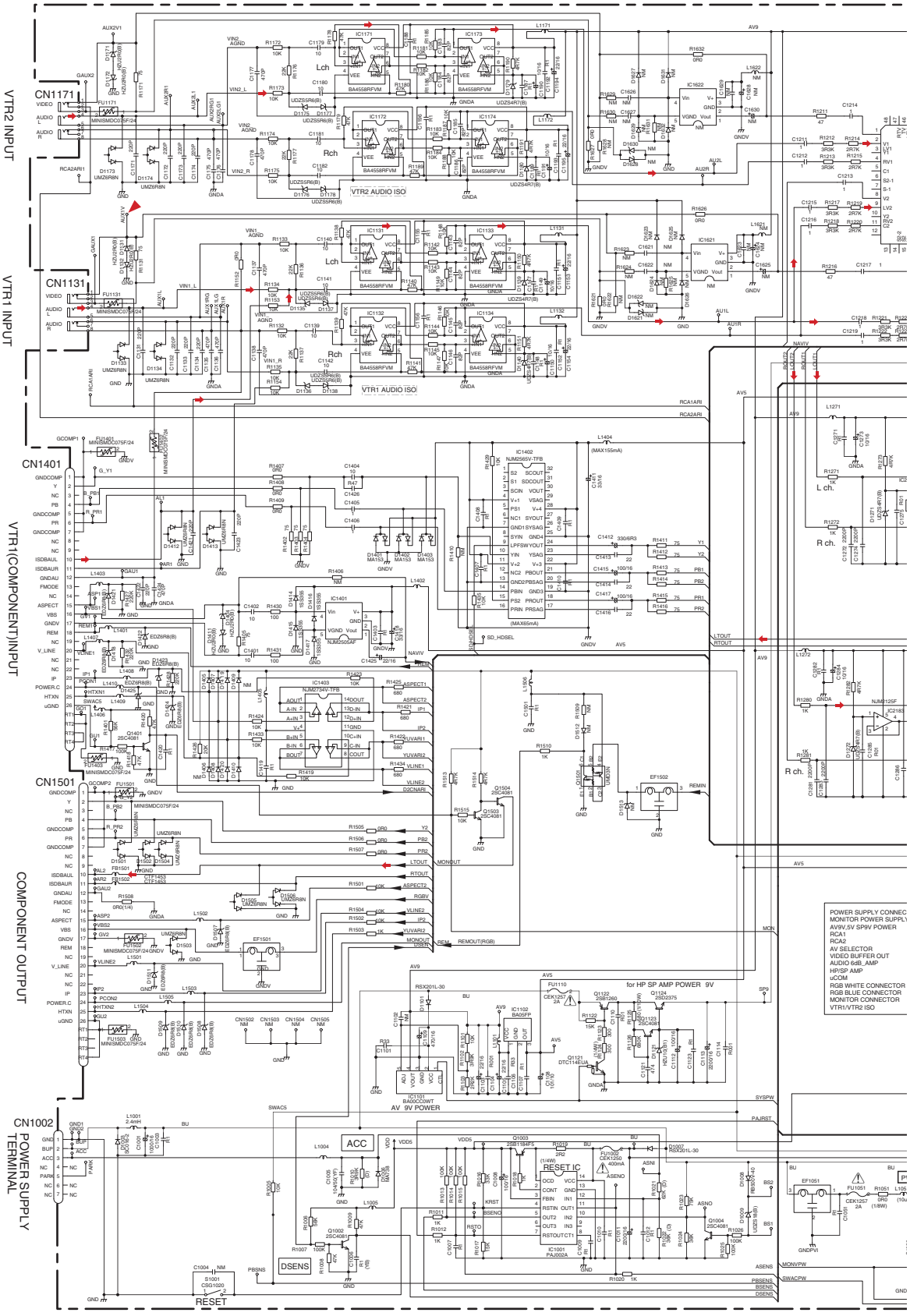
10. SCHEMATIC DIAGRAM

10.1 POWER SUPPLY UNIT(GUIDE PAGE)

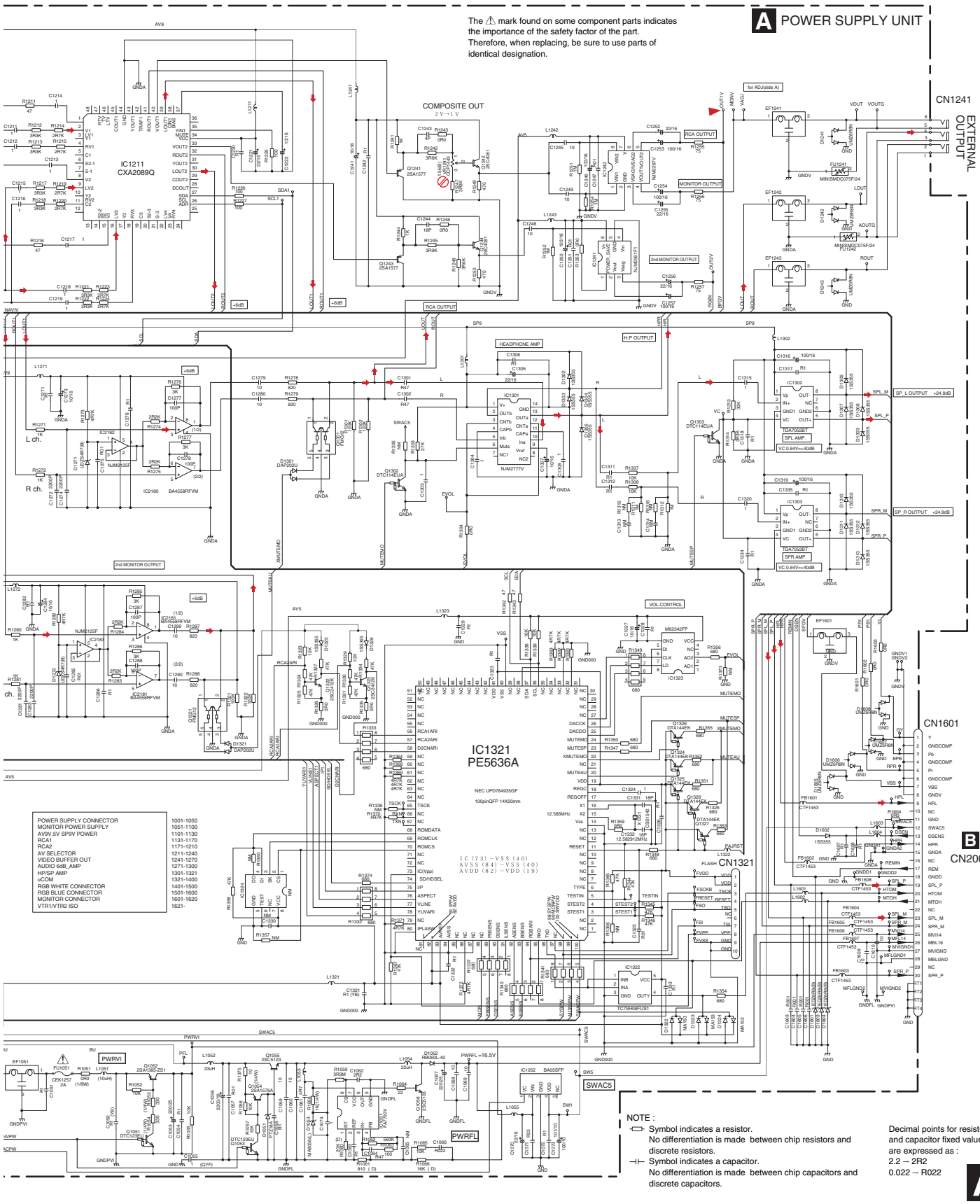
Note: When ordering service parts, be sure to refer to " EXPLODED VIEWS AND PARTS LIST" or "ELECTRICAL PARTS LIST".



A-a

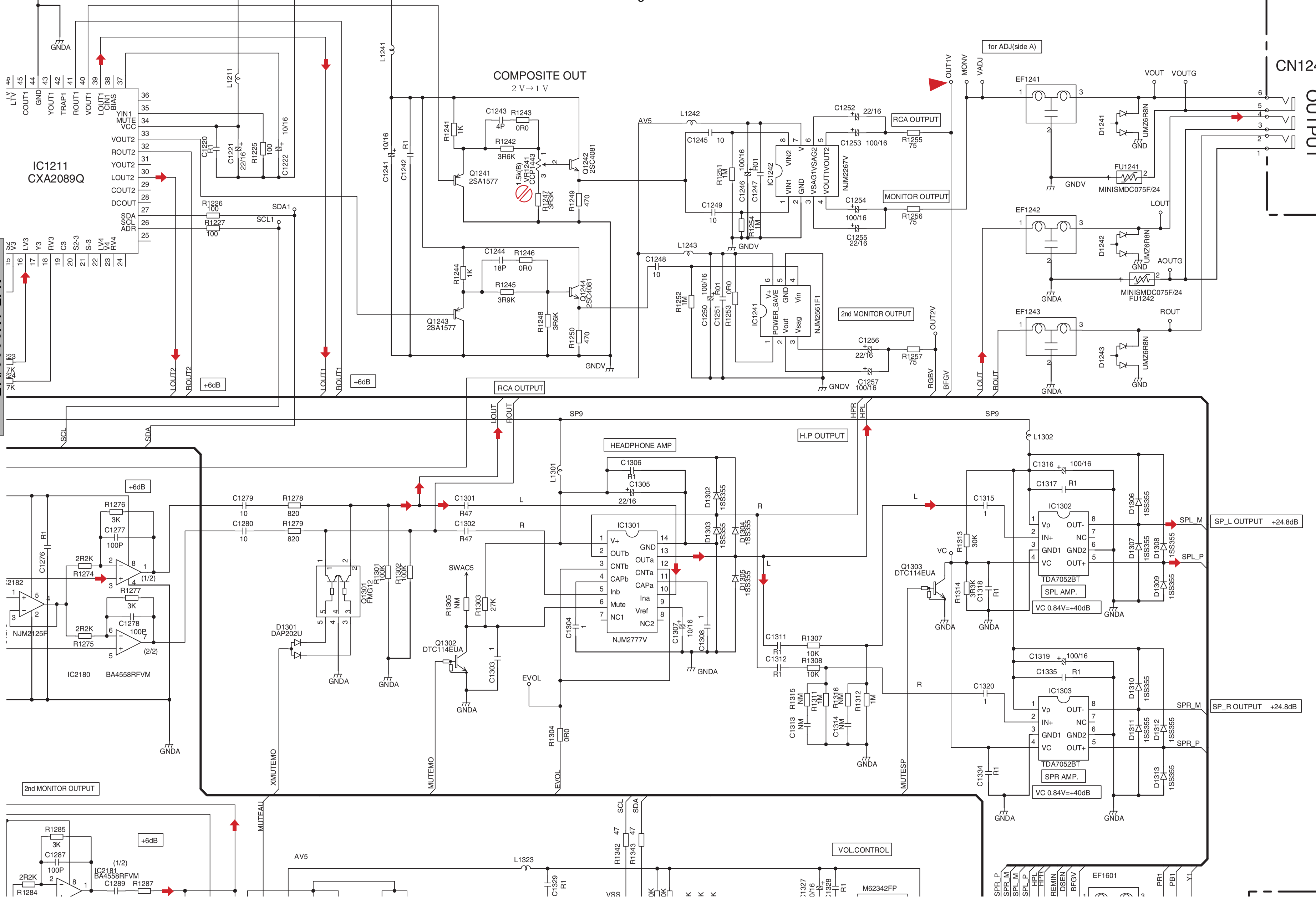


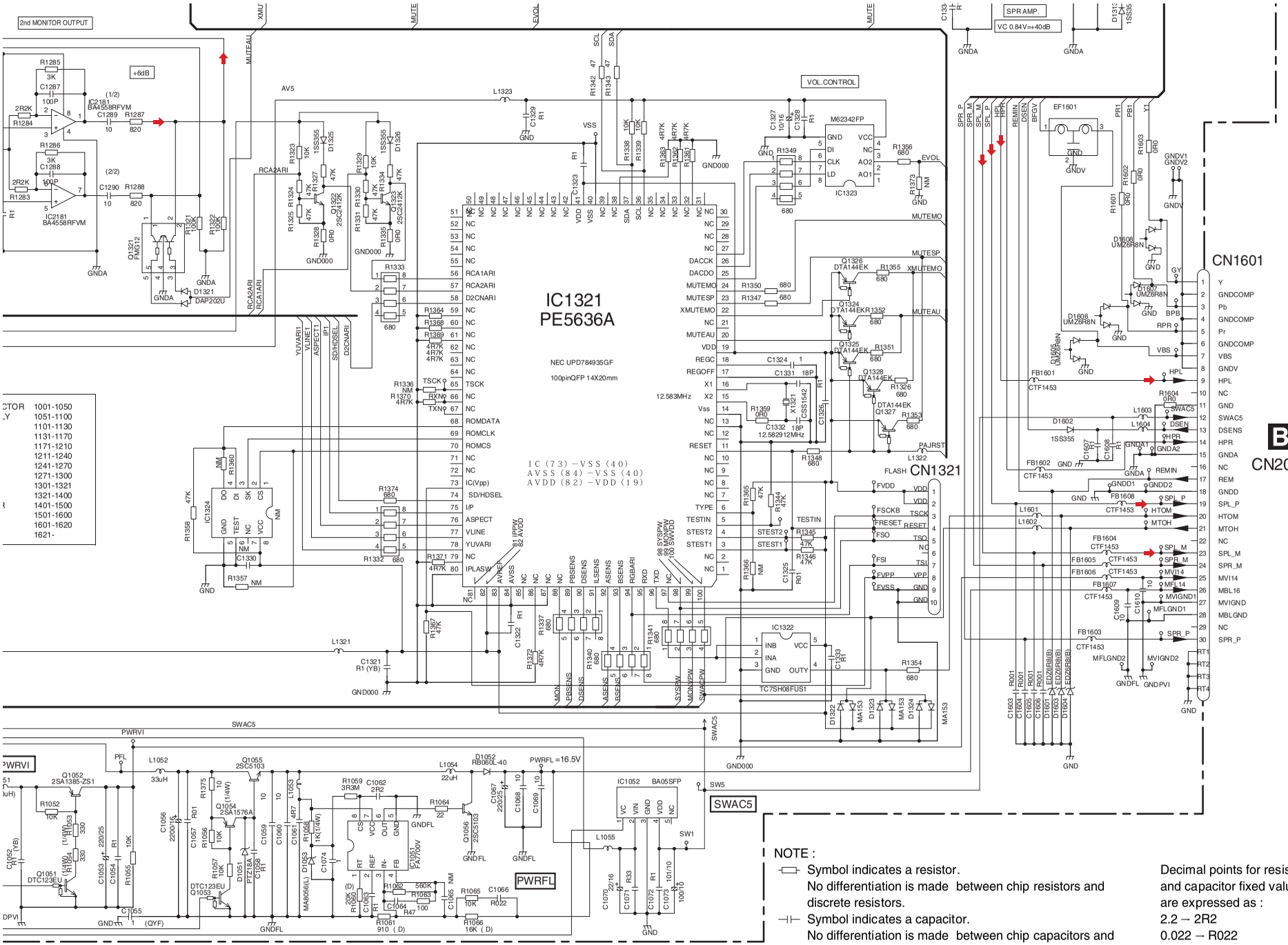
A-b

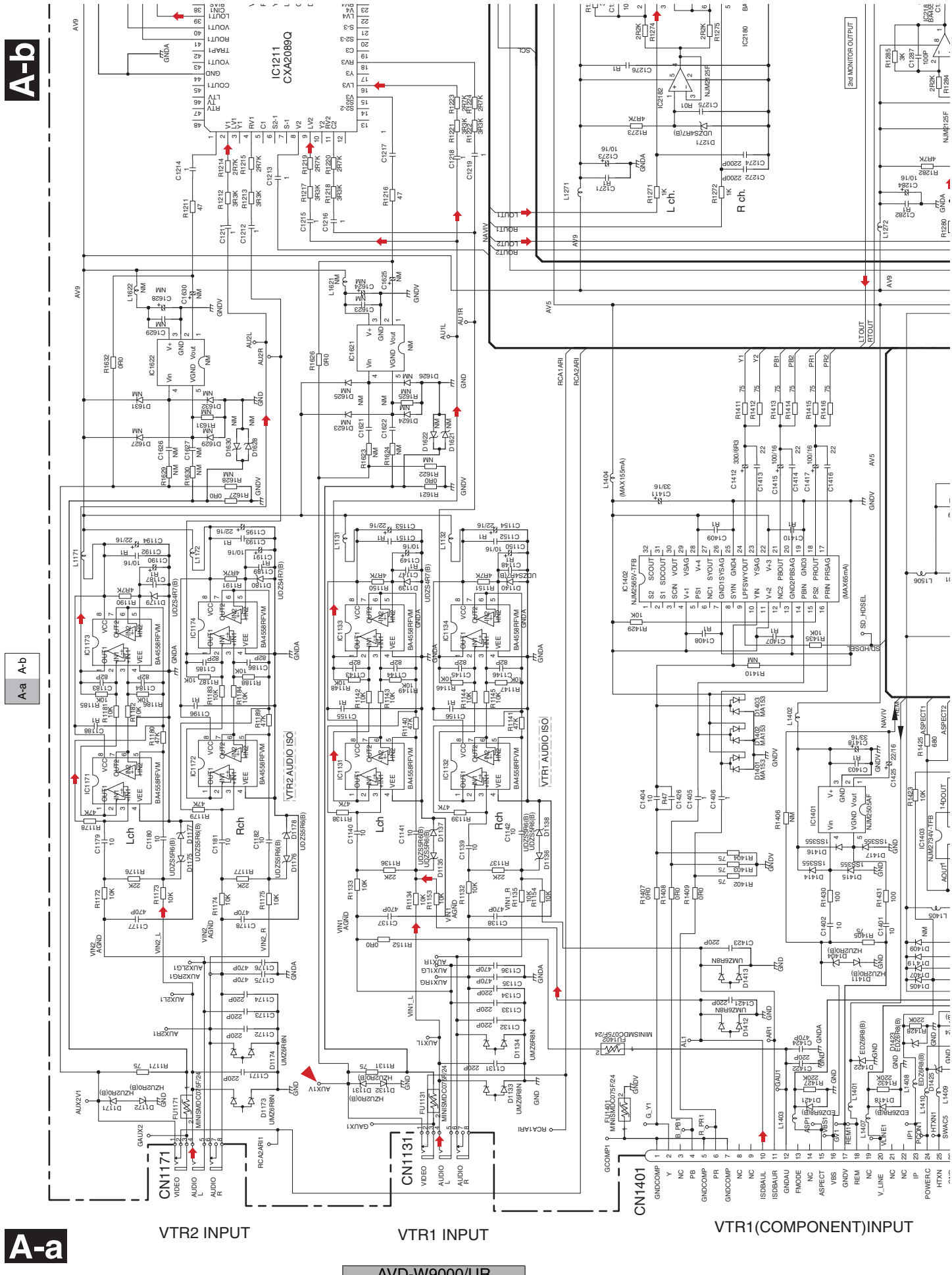

A POWER SUPPLY UNIT
The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
IC1211 CXA2089Q
COMPOSITE OUT 2 V→1 V
RCA OUTPUT
MONITOR OUTPUT
2nd MONITOR OUTPUT
EXTERNAL OUTPUT
CN1241
HEADPHONE AMP
H.P OUTPUT
SPL AMP.
SPR AMP.
VOL CONTROL
IC1321 PE5636A
NEC UPD784935GF
100pin QFP 14X20mm
CN1321 FLASH
CN1601
CN2001
POWER SUPPLY CONNECTOR 1001-1050
MONITOR POWER SUPPLY 1051-1100
AV9V,5V SP9V POWER 1101-1130
RCA1 1131-1170
RCA2 1171-1210
AV SELECTOR 1211-1240
VIDEO BUFFER OUT 1241-1270
AUDIO 6dB_AMP 1271-1300
HP/SP AMP 1301-1321
uCOM 1321-1400
RGB WHITE CONNECTOR 1401-1500
RGB BLUE CONNECTOR 1501-1600
MONITOR CONNECTOR 1601-1620
VTR1/VTR2 ISO 1621-
NOTE :
Symbol indicates a resistor.
No differentiation is made between chip resistors and discrete resistors.
Symbol indicates a capacitor.
No differentiation is made between chip capacitors and discrete capacitors.
Decimal points for resistor and capacitor fixed values are expressed as :
2.2 → 2R2
0.022 → R022

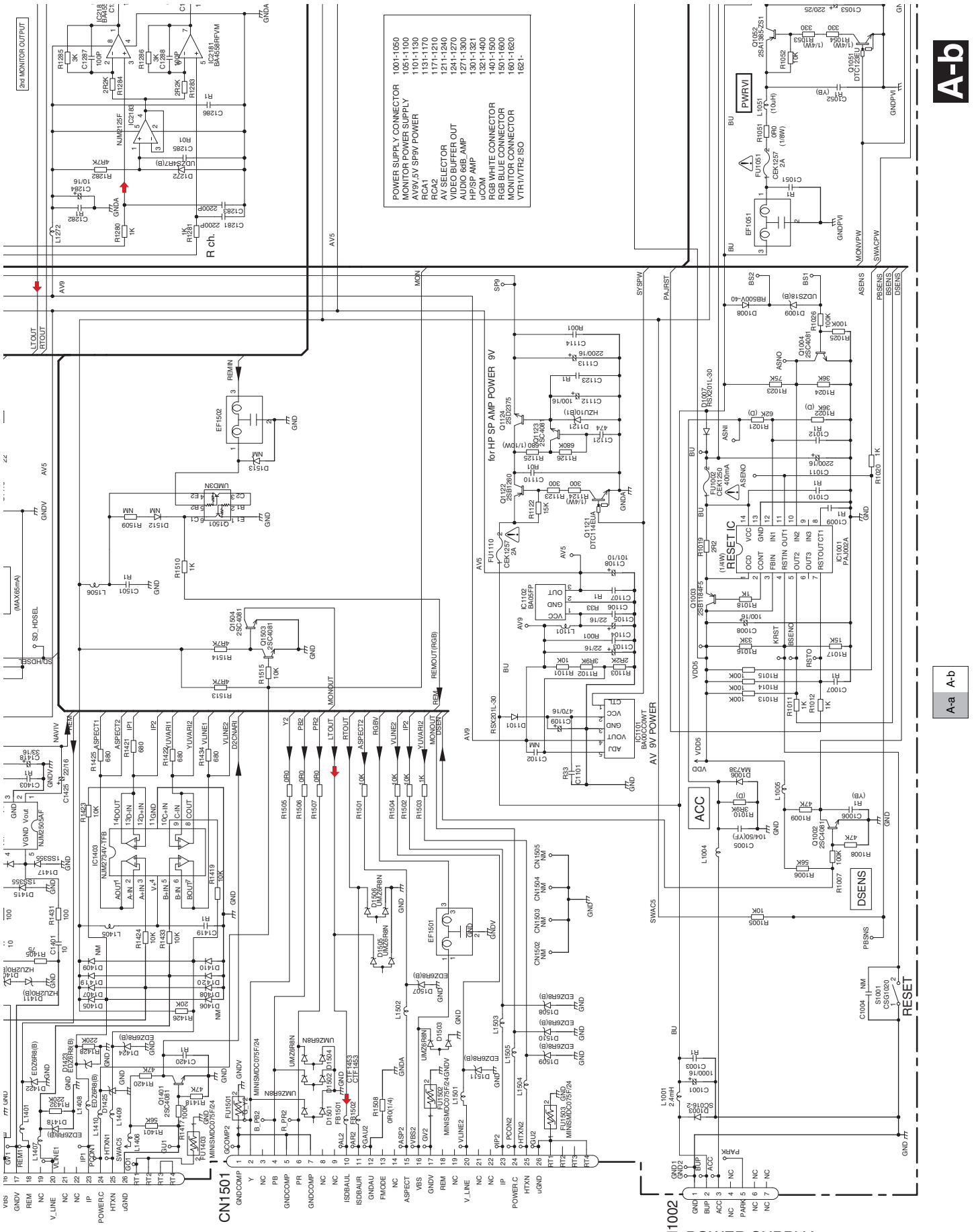
A POWER SUPPLY UNIT

The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.




AVD-W9000/UR
IC1321
PE5636A
NEC UPD784935GF
100pinQFP 14X20mm
IC (73) −VSS (40)
AVSS (84) −VSS (40)
AVDD (82) −VDD (19)
CN1321
CN1601
CN2001
IC1322
TC7SH08FUS1
IC1323
M62342FP
IC1052
BA05SFP
Q1052
2SA1385-ZS1
Q1055
2SC5103
Q1054
2SA1576A
Q1051
DTC123EU
Q1053
DTC123EU
D1052
RB060L-40
SPR AMP.
VC 0.84V=+40dB
2nd MONITOR OUTPUT
+6dB
VOL.CONTROL
PWRFL =16.5V
PWRFL
SWAC5
NOTE :
Symbol indicates a resistor.
No differentiation is made between chip resistors and discrete resistors.
Symbol indicates a capacitor.
No differentiation is made between chip capacitors and discrete capacitors.
Decimal points for resistor and capacitor fixed values are expressed as :
2.2 → 2R2
0.022 → R022
A-b
A-a
A-b


A-b
A-a
VTR2 INPUT
VTR1 INPUT
VTR1(COMPONENT)INPUT
CN1171
CN1131
CN1401
IC1211
CXA2089Q
VTR2 AUDIO ISO
VTR1 AUDIO ISO
2nd MONITOR OUTPUT
L ch.
R ch.
Lch
Rch

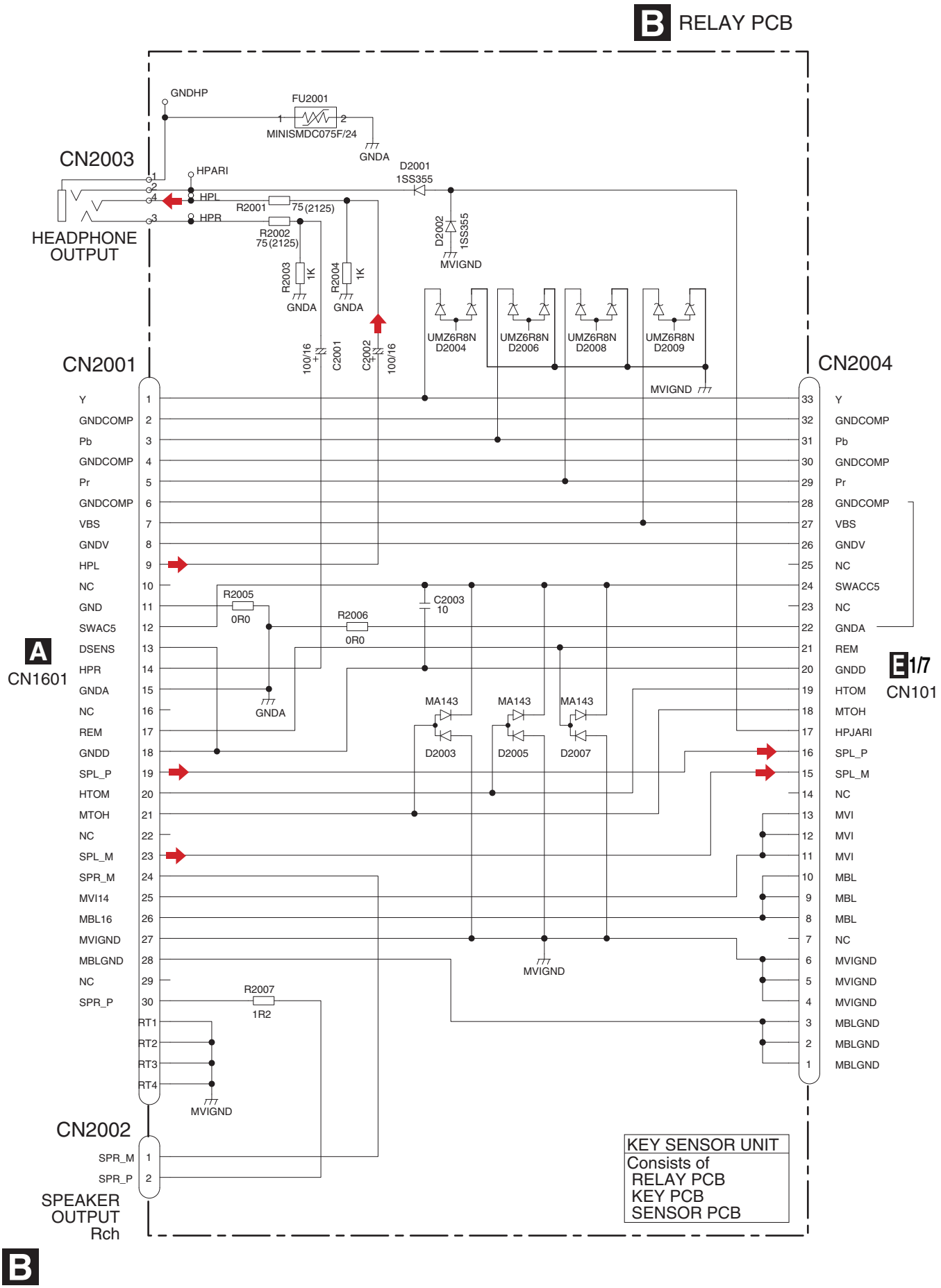


A-b

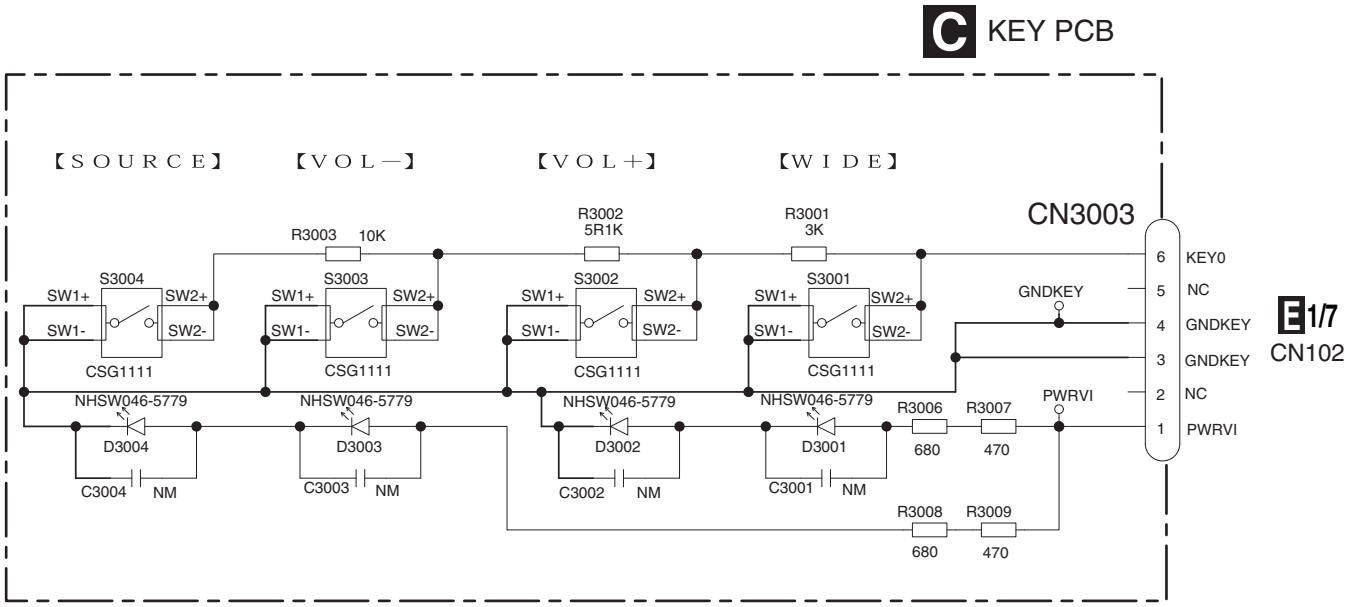
A-a

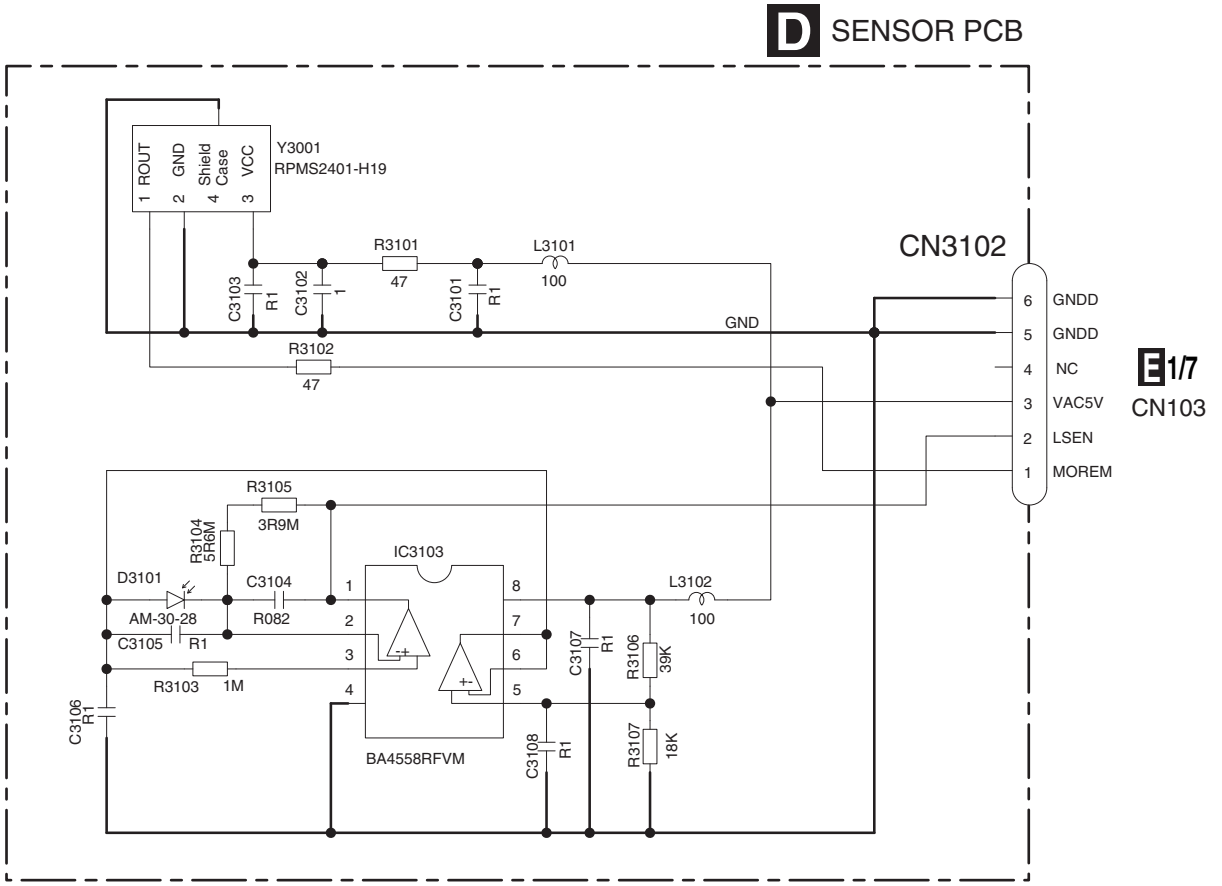
AVD-W9000/UR

10.2 RELAY PCB



10.3 KEY PCB AND SENSOR PCB

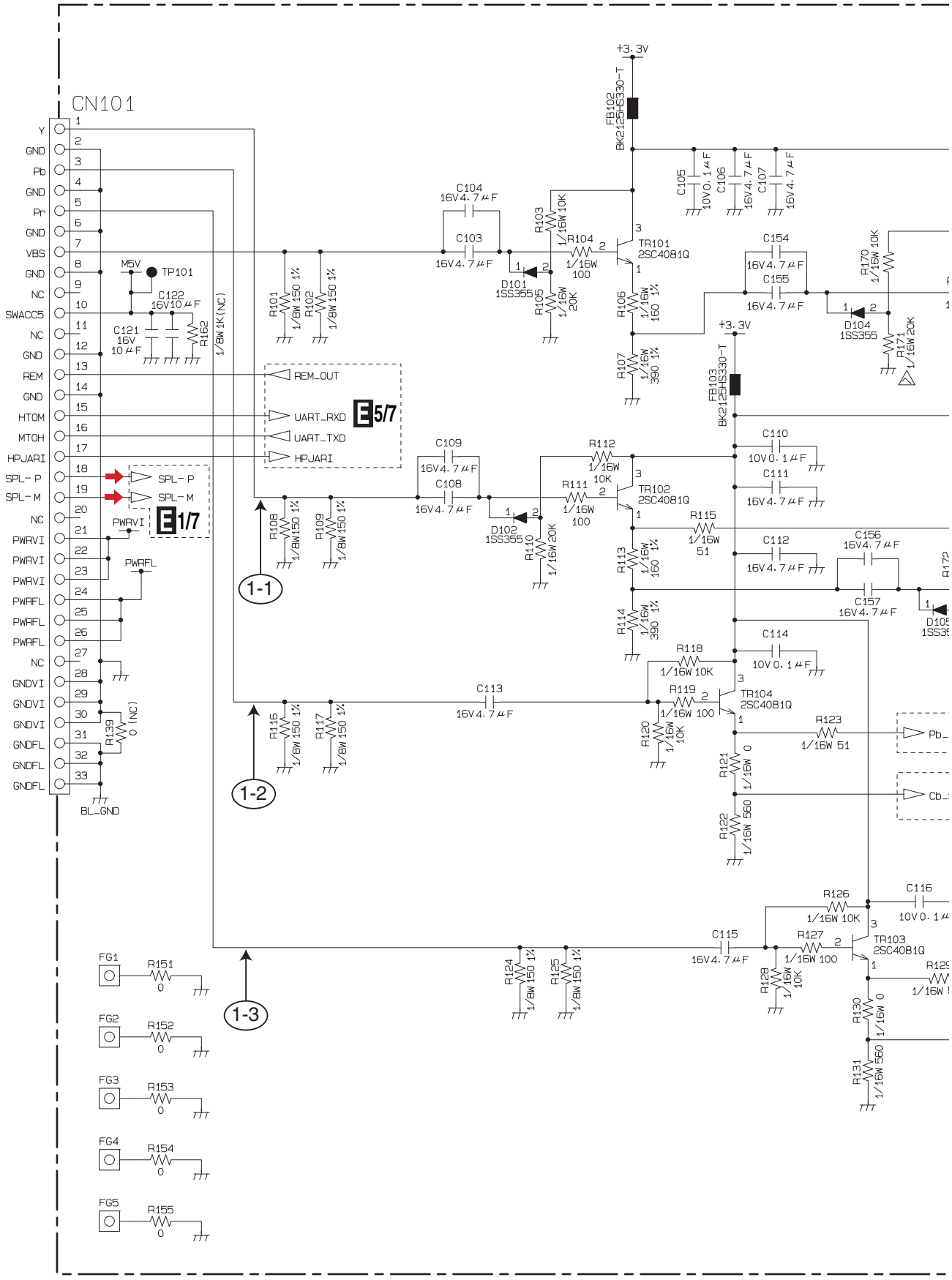


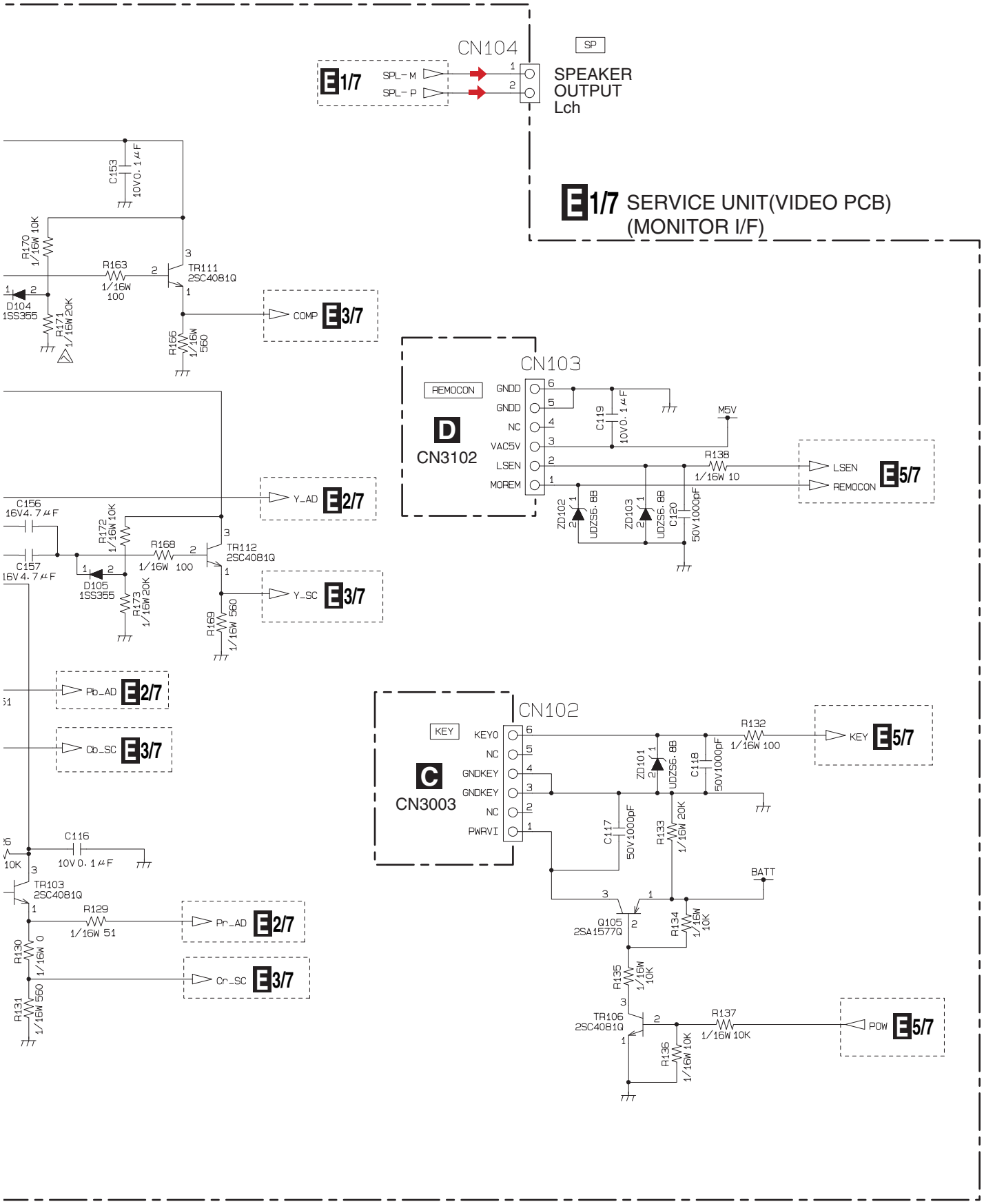


KEY SENSOR UNIT
Consists of RELAY PCB KEY PCB SENSOR PCB

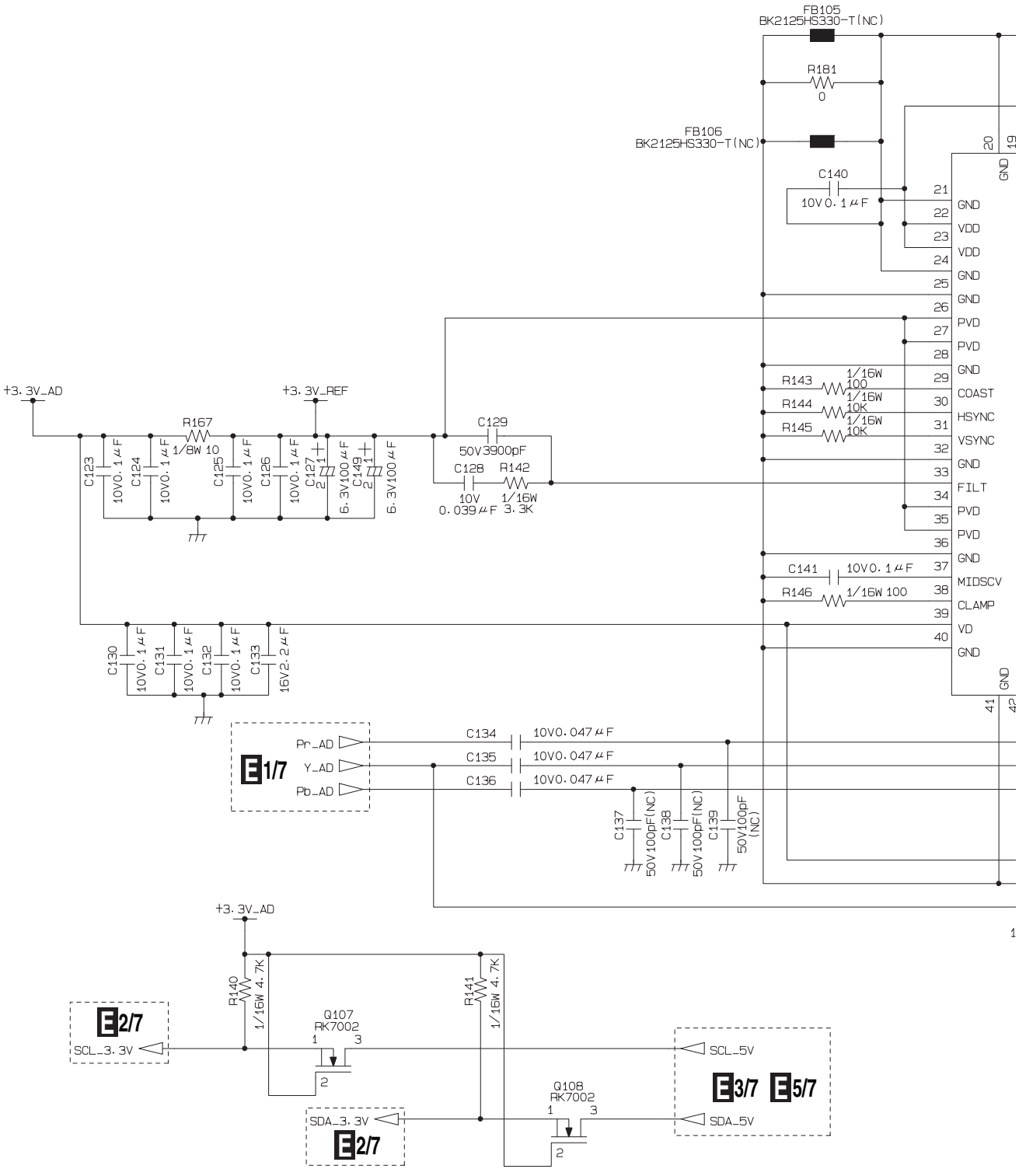
C D

10.4 SERVICE UNIT(VIDEO PCB)(MONITOR I/F)

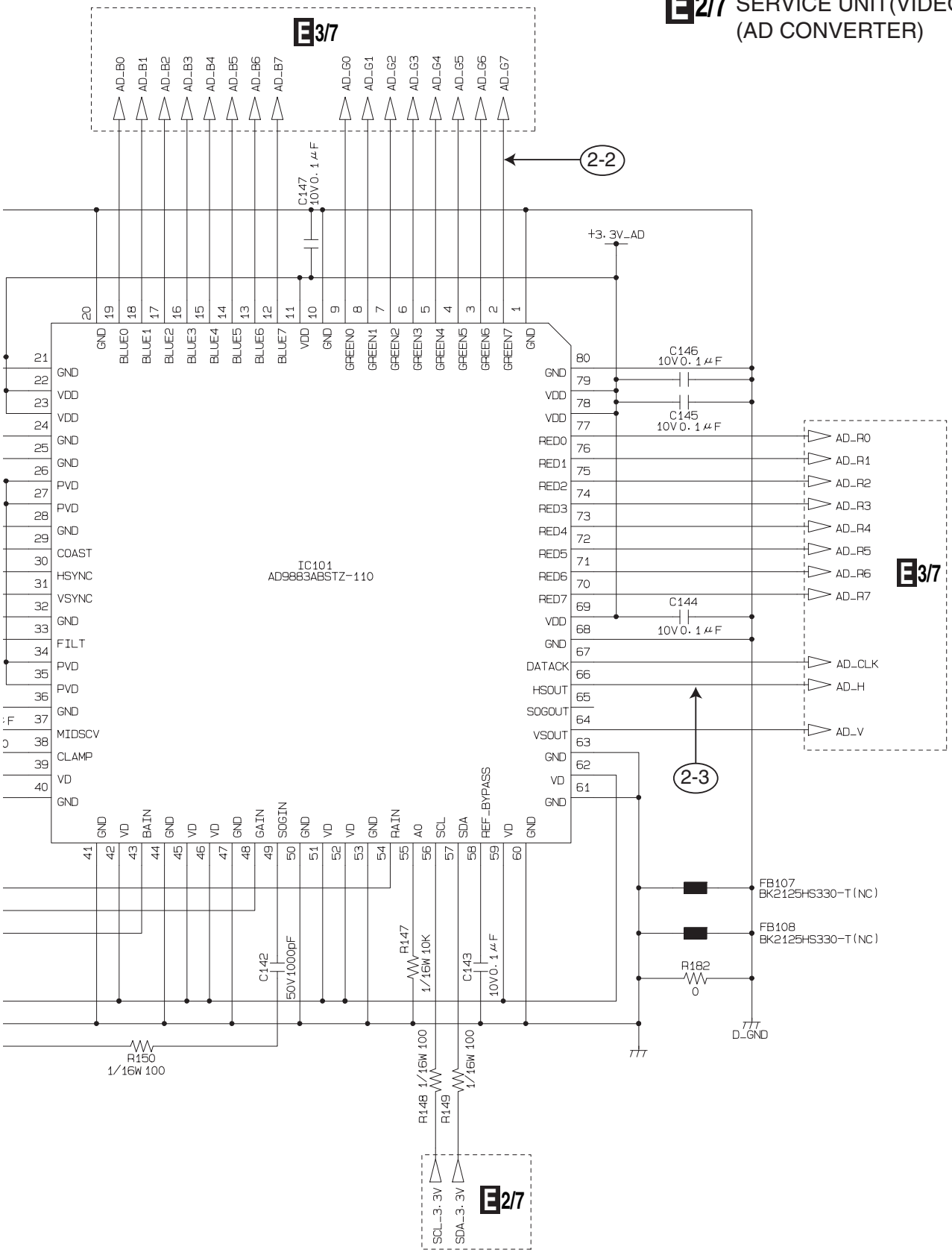



E1/7 SERVICE UNIT(VIDEO PCB)
(MONITOR I/F)
CN104
SP
SPL-M
SPL-P
SPEAKER
OUTPUT
Lch
CN103
REMOCON
GNDD
GNDD
NC
VAC5V
LSEN
MOREM
D
CN3102
M5V
LSEN
REMOCON
CN102
KEY
KEY0
NC
GNDKEY
GNDKEY
NC
PWRVI
C
CN3003
BATT
COMP
Y_AD
Y_SC
Pb_AD
Cb_SC
Pr_AD
Cr_SC
POW
TR111 2SC4081Q
TR112 2SC4081Q
TR103 2SC4081Q
TR106 2SC4081Q
Q105 2SA1577Q
D104 1SS355
D105 1SS355
ZD102 UDZS6.8B
ZD103 UDZS6.8B
ZD101 UDZS6.8B

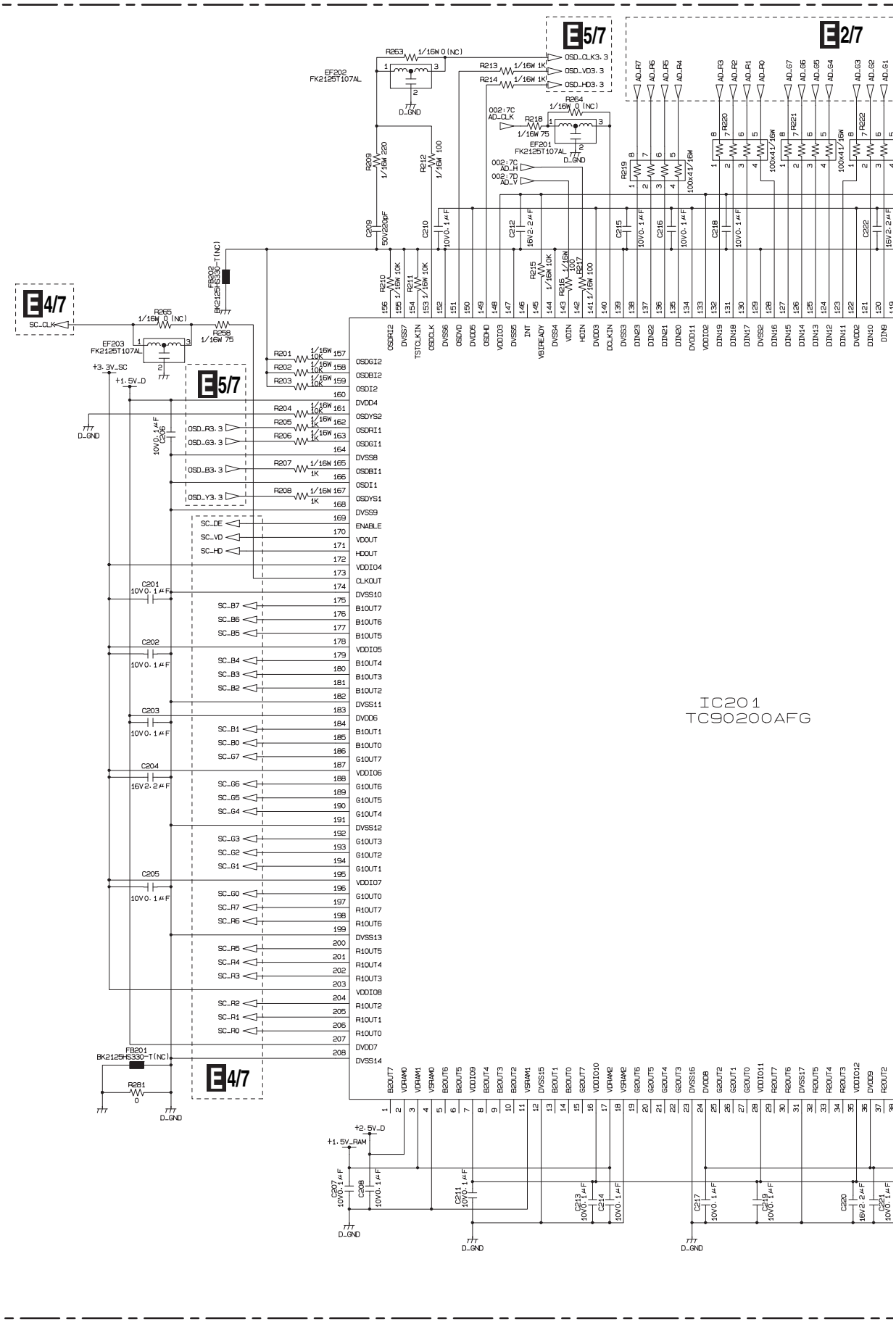
10.5 SERVICE UNIT(VIDEO PCB)(AD CONVERTER)

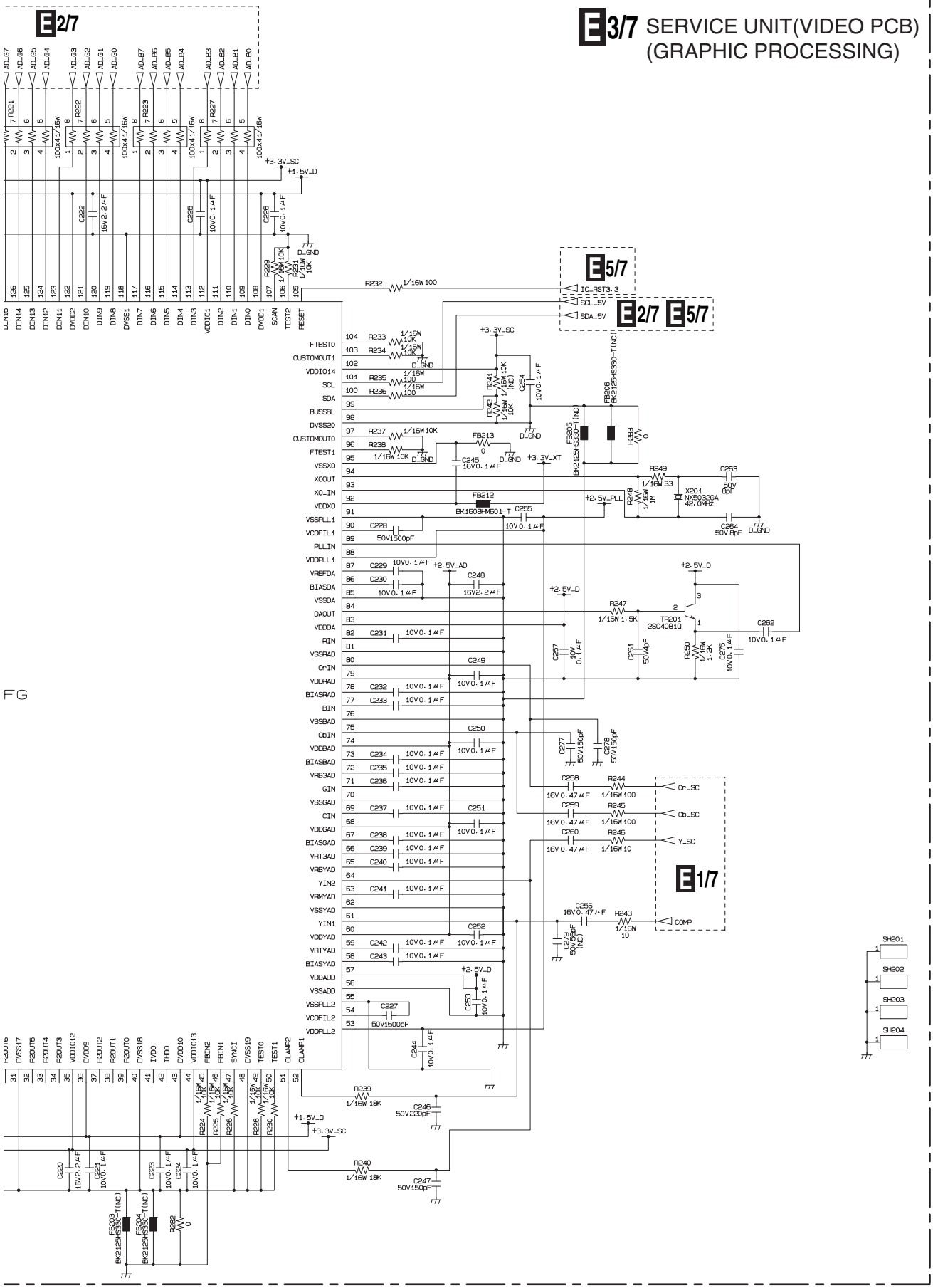


E2/7 SERVICE UNIT(VIDEO PCB) (AD CONVERTER)

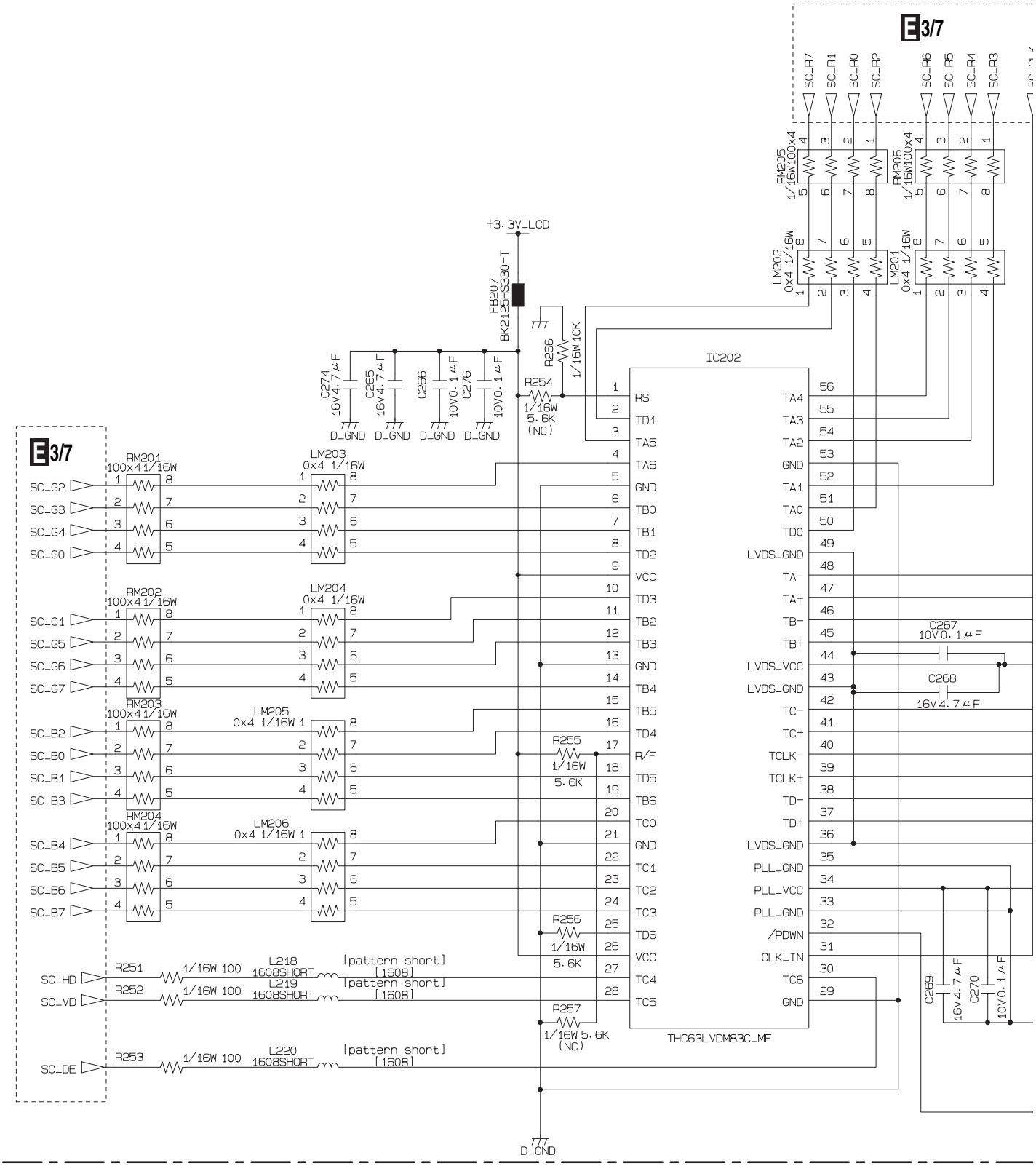


10.6 SERVICE UNIT(VIDEO PCB)(GRAPHIC PROCESSING)

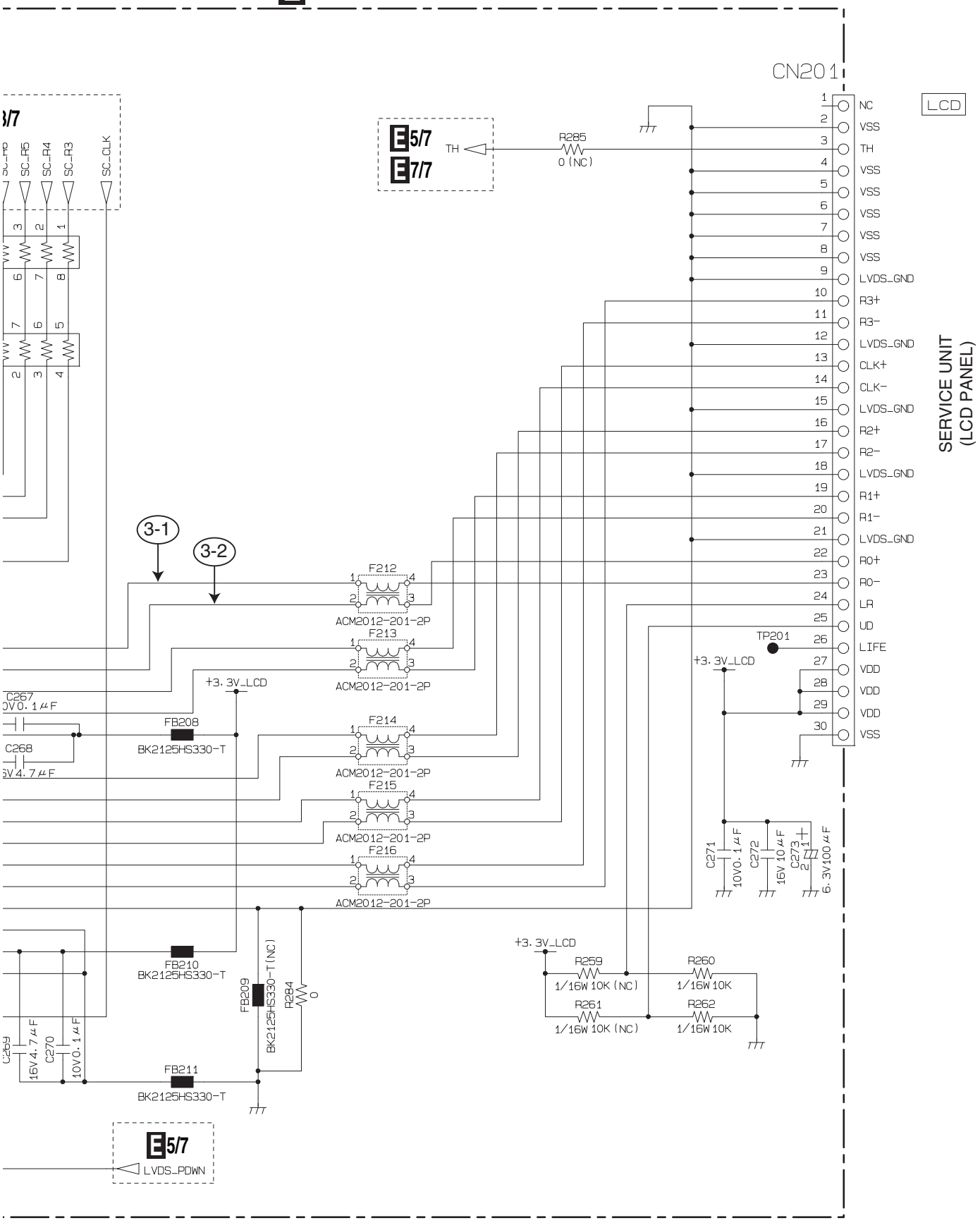



E2/7
E5/7
E2/7 E5/7
E1/7
E3/7
FG
IC_RST3.3
SCL_5V
SDA_5V
+3.3V_SC
+1.5V_D
+3.3V_XT
+2.5V_PLL
+2.5V_AD
+2.5V_D
D_GND
X201
NX5032GA
42.0MHz
TR201
2SC4081Q
Cr_SC
Cb_SC
Y_SC
COMP
SH201
SH202
SH203
SH204

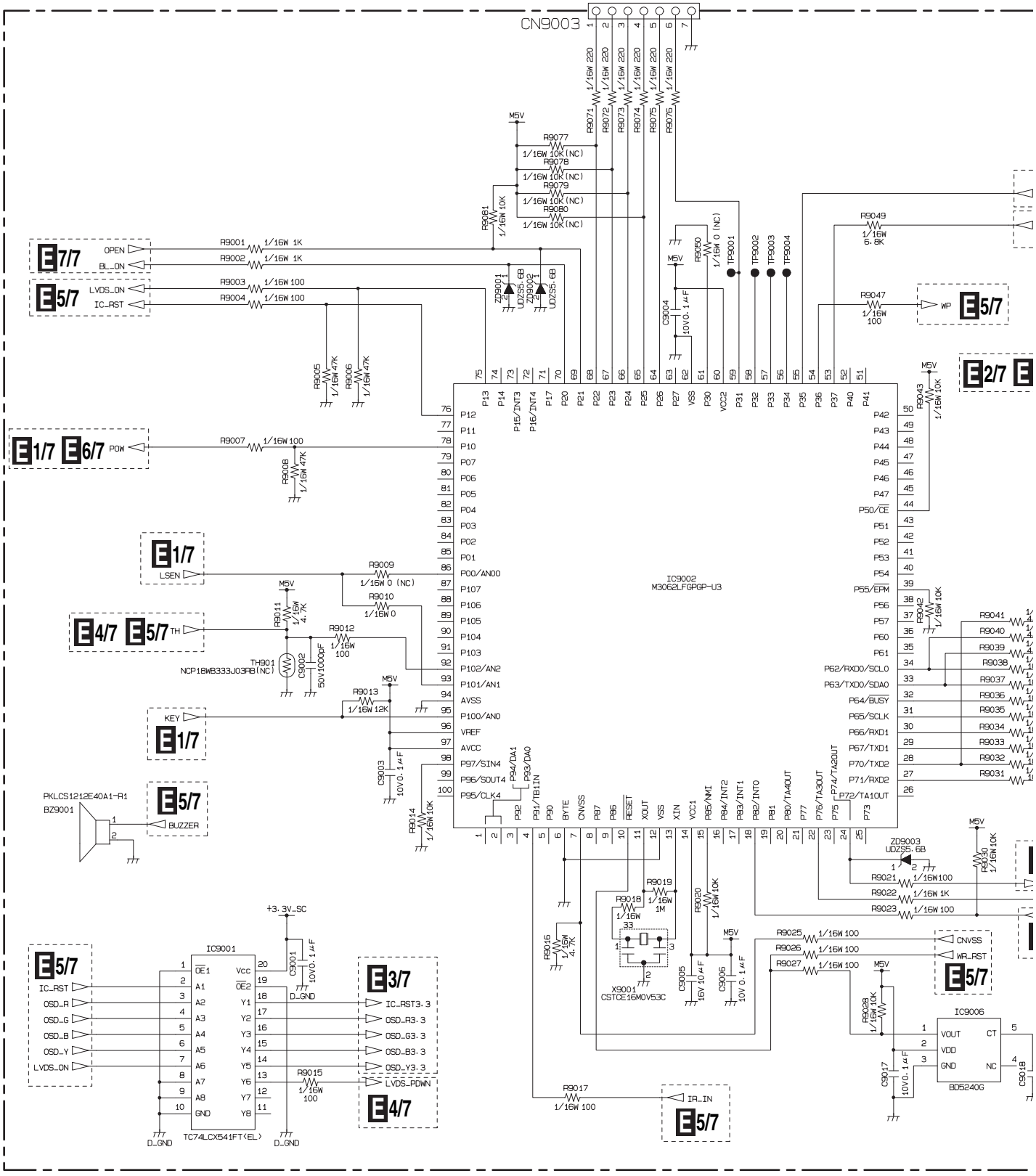
10.7 SERVICE UNIT(VIDEO PCB)(LVDS TRANSMITTER)



E4/7 SERVICE UNIT(VIDEO PCB) (LVDS TRANSMITTER)

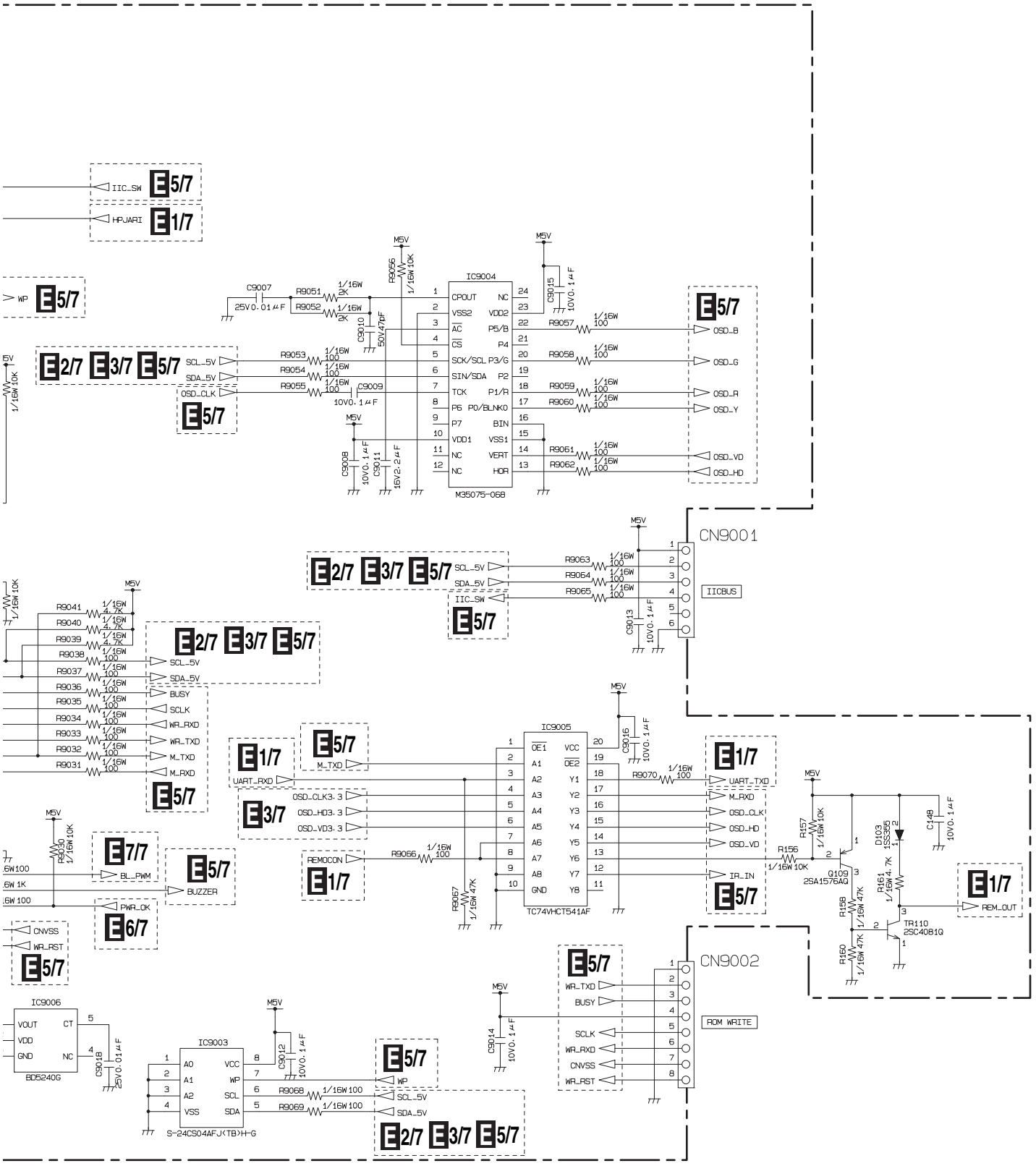


10.8 SERVICE UNIT(VIDEO PCB)(uCOM)

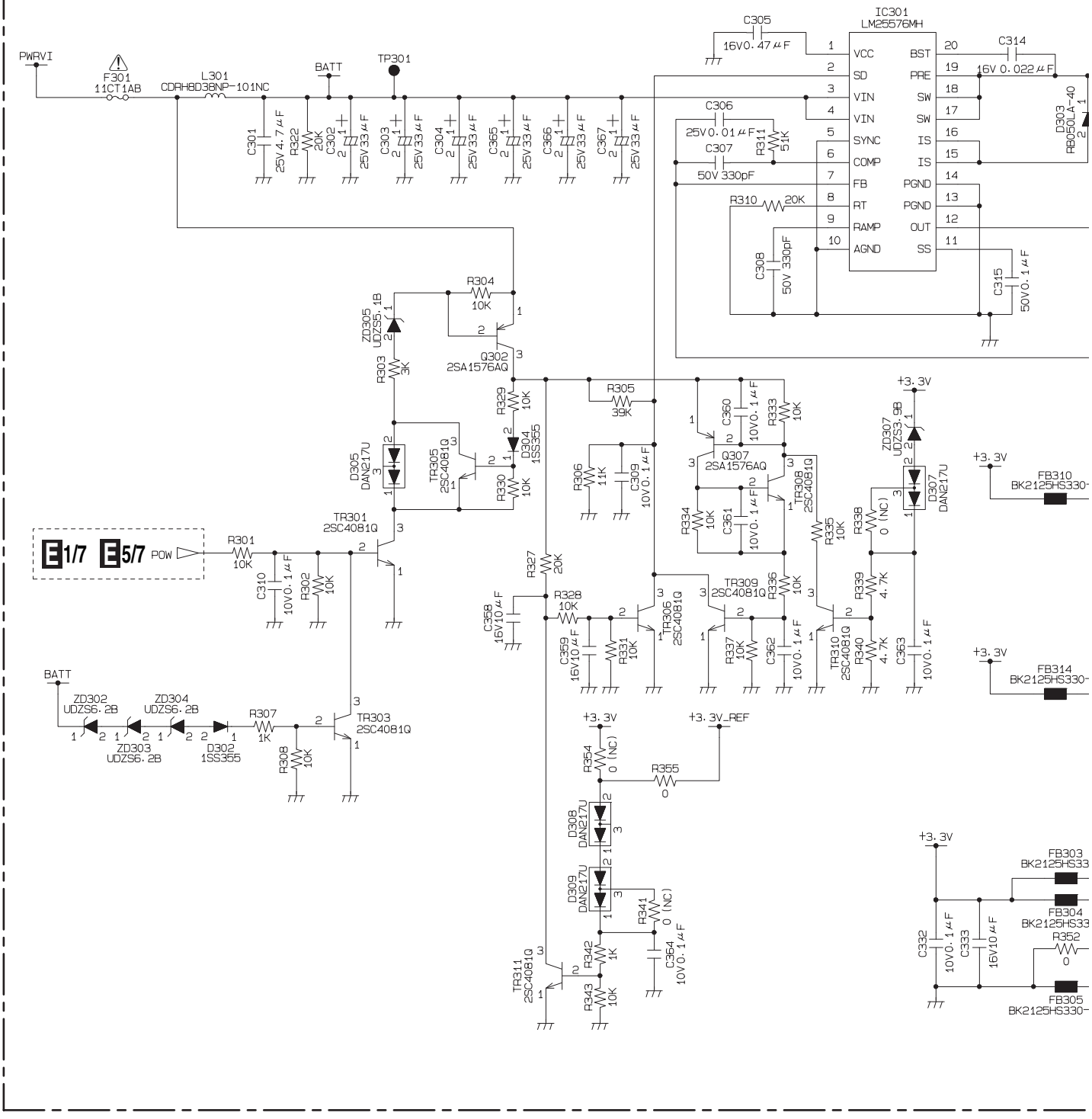


E5/7

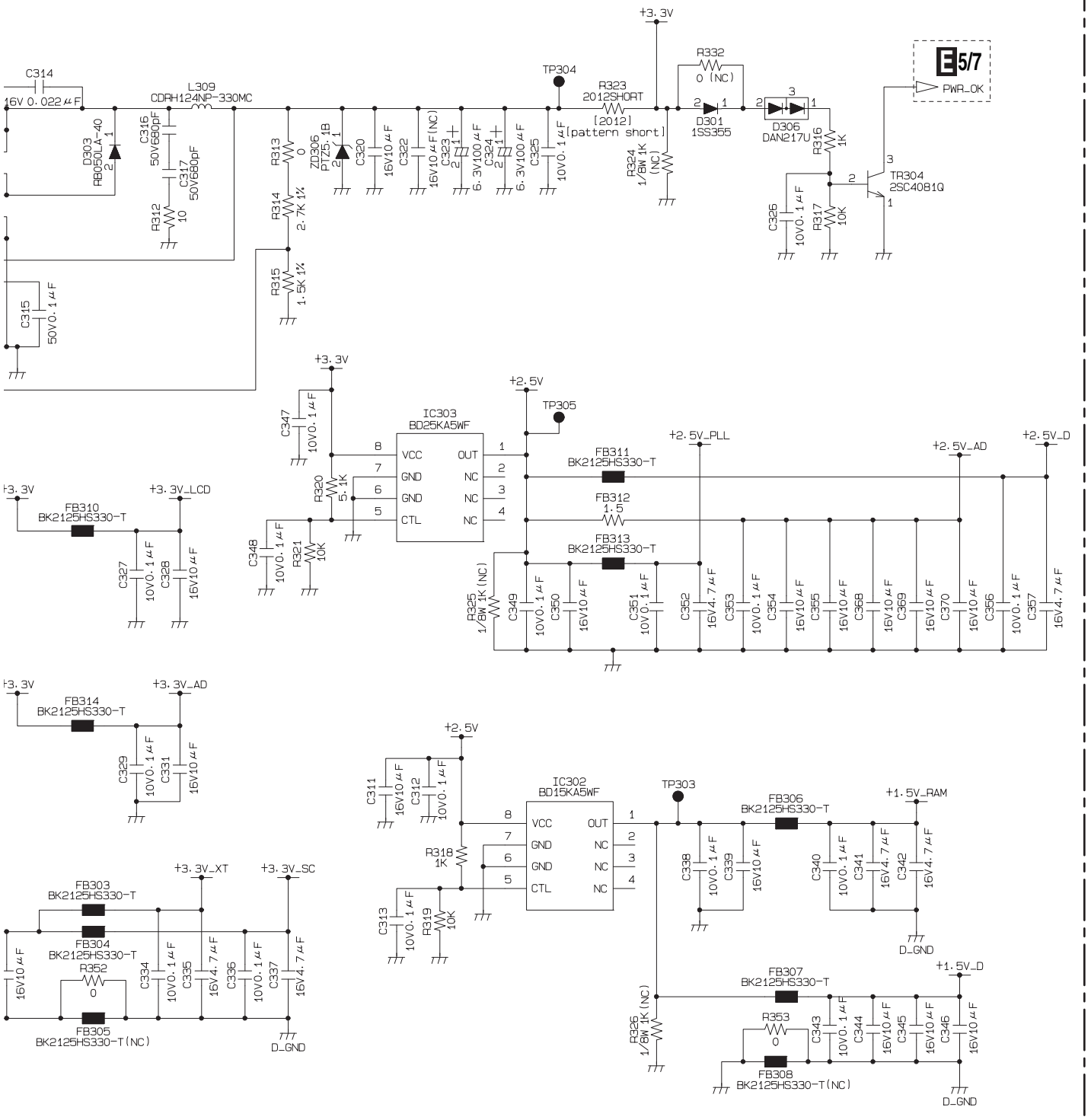
E5/7 SERVICE UNIT(VIDEO PCB) (uCOM)



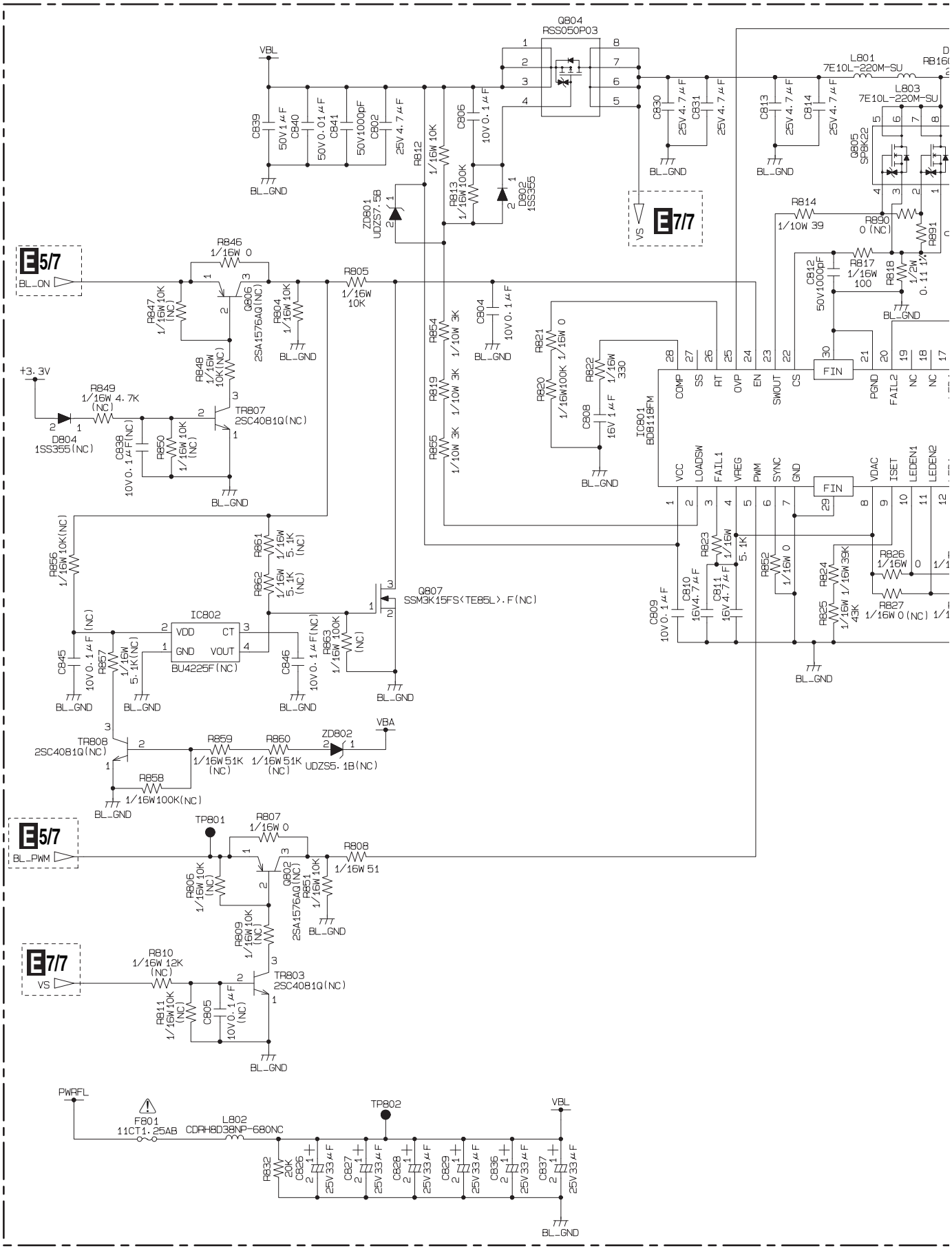
10.9 SERVICE UNIT(VIDEO PCB)(POWER SUPPLY)



E6/7

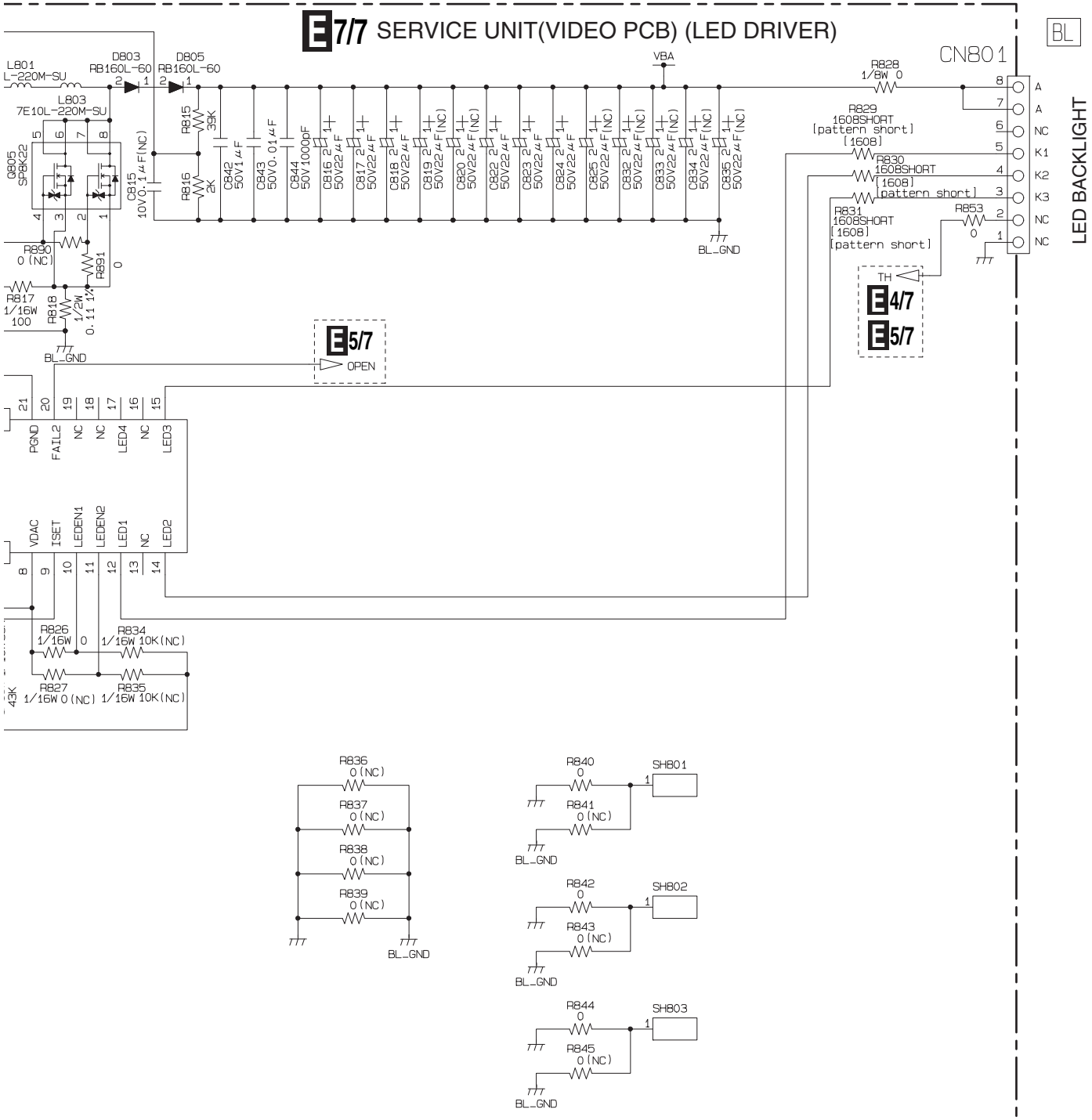

C314
16V 0.022μF
L309
CDRH124NP-330MC
D303
RB050LA-40
C316
50V680pF
C317
50V680pF
R312
10
R313
0
R314
2.7K 1%
R315
1.5K 1%
ZD306
PTZ5.1B
C320
C322
16V10μF
C323
16V10μF(NC)
C324
6.3V100μF
C325
10V0.1μF
C315
50V0.1μF
TP304
R323
2012SHORT
[2012]
[pattern short]
+3.3V
R332
0 (NC)
D301
1SS355
D306
DAN217U
R316
1K
R317
10K
R324
1/8W 1K
(NC)
TR304
2SC4081Q
C326
10V0.1μF
E5/7
PWR_OK
IC303
BD25KA5WF
VCC
GND
GND
CTL
OUT
NC
NC
NC
C347
10V0.1μF
R320
5.1K
C348
10V0.1μF
R321
10K
+2.5V
TP305
FB311
BK2125HS330-T
FB312
1.5
FB313
BK2125HS330-T
+2.5V_PLL
+2.5V_AD
+2.5V_D
R325
1/8W 1K (NC)
C349
C350
C351
C352
C353
C354
C355
C368
C369
C370
C356
C357
FB310
BK2125HS330-T
+3.3V_LCD
C327
C328
FB314
BK2125HS330-T
+3.3V_AD
C329
C331
IC302
BD15KA5WF
VCC
GND
GND
CTL
OUT
NC
NC
NC
C311
C312
R318
1K
C313
R319
10K
TP303
FB306
BK2125HS330-T
+1.5V_RAM
C338
C339
C340
C341
C342
D_GND
FB303
BK2125HS330-T
FB304
BK2125HS330-T
FB305
BK2125HS330-T(NC)
R352
0
+3.3V_XT
+3.3V_SC
C334
C335
C336
C337
FB307
BK2125HS330-T
R326
1/8W 1K (NC)
R353
0
FB308
BK2125HS330-T(NC)
C343
C344
C345
C346
+1.5V_D
D_GND

10.10 SERVICE UNIT(VIDEO PCB)(LED DRIVER)



E7/7

E7/7 SERVICE UNIT(VIDEO PCB) (LED DRIVER)

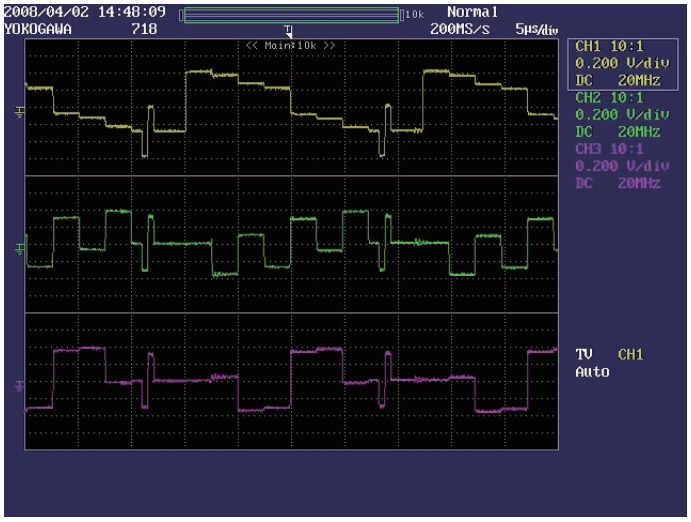


10.11 WAVEFORMS

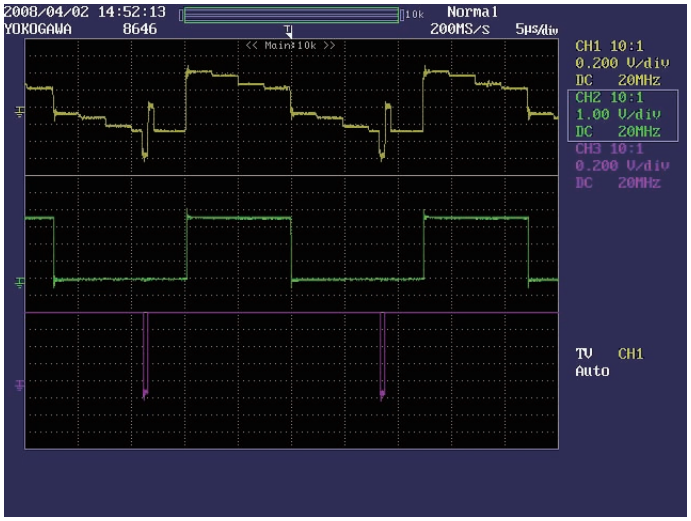
● SERVICE UNIT(VIDEO PCB)

Note : The encircled numbers denote measuring pointes in circuit diagram.

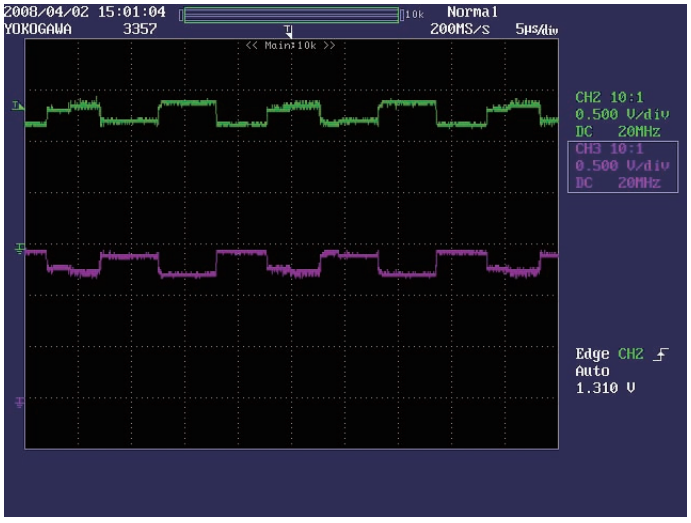
1-1 →
1-2 →
1-3 →



1-1 →
2-2 →
2-3 →



3-1 →
3-2 →



A

B

C

D

E

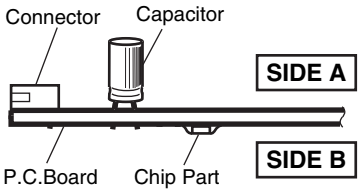
F

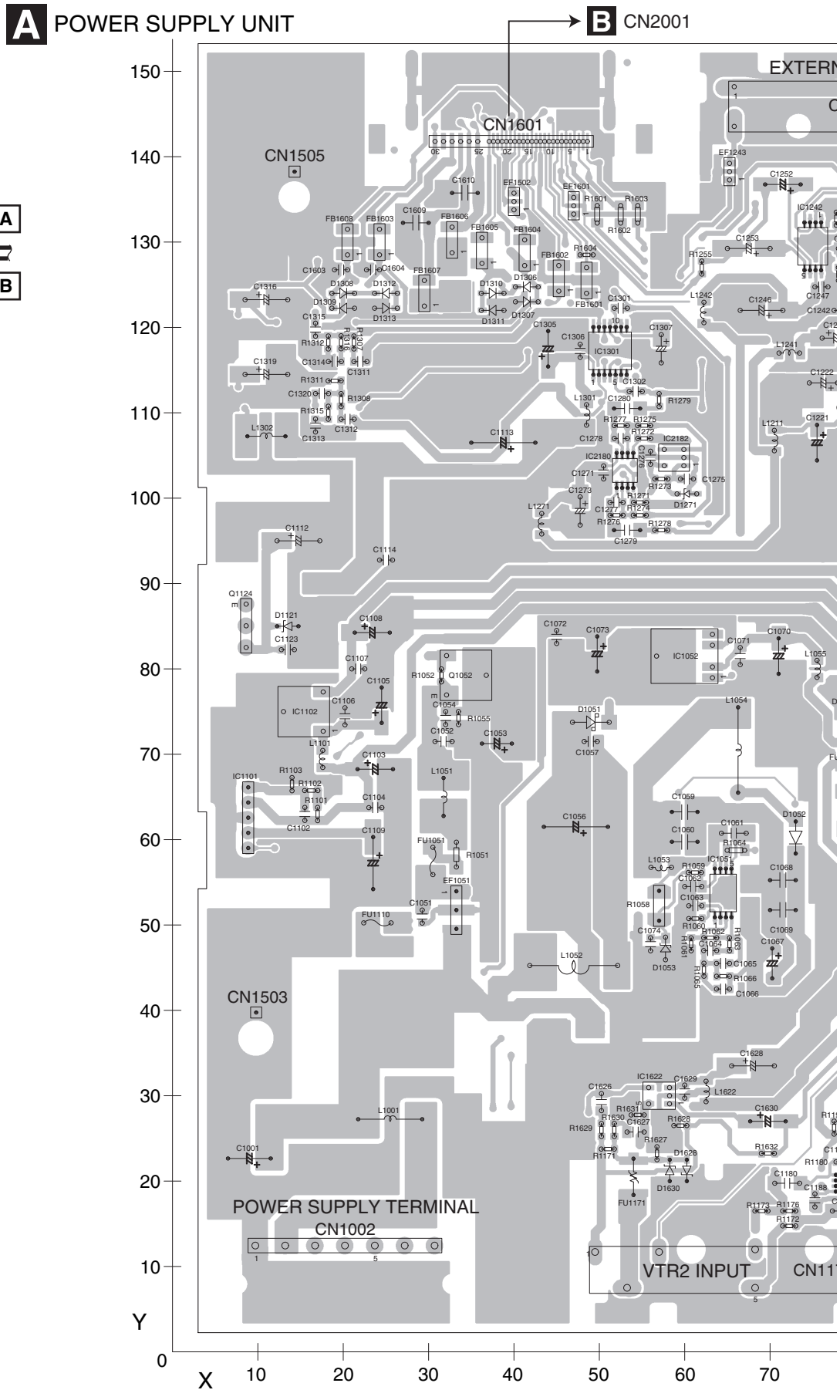
11. PCB CONNECTION DIAGRAM

11.1 POWER SUPPLY UNIT

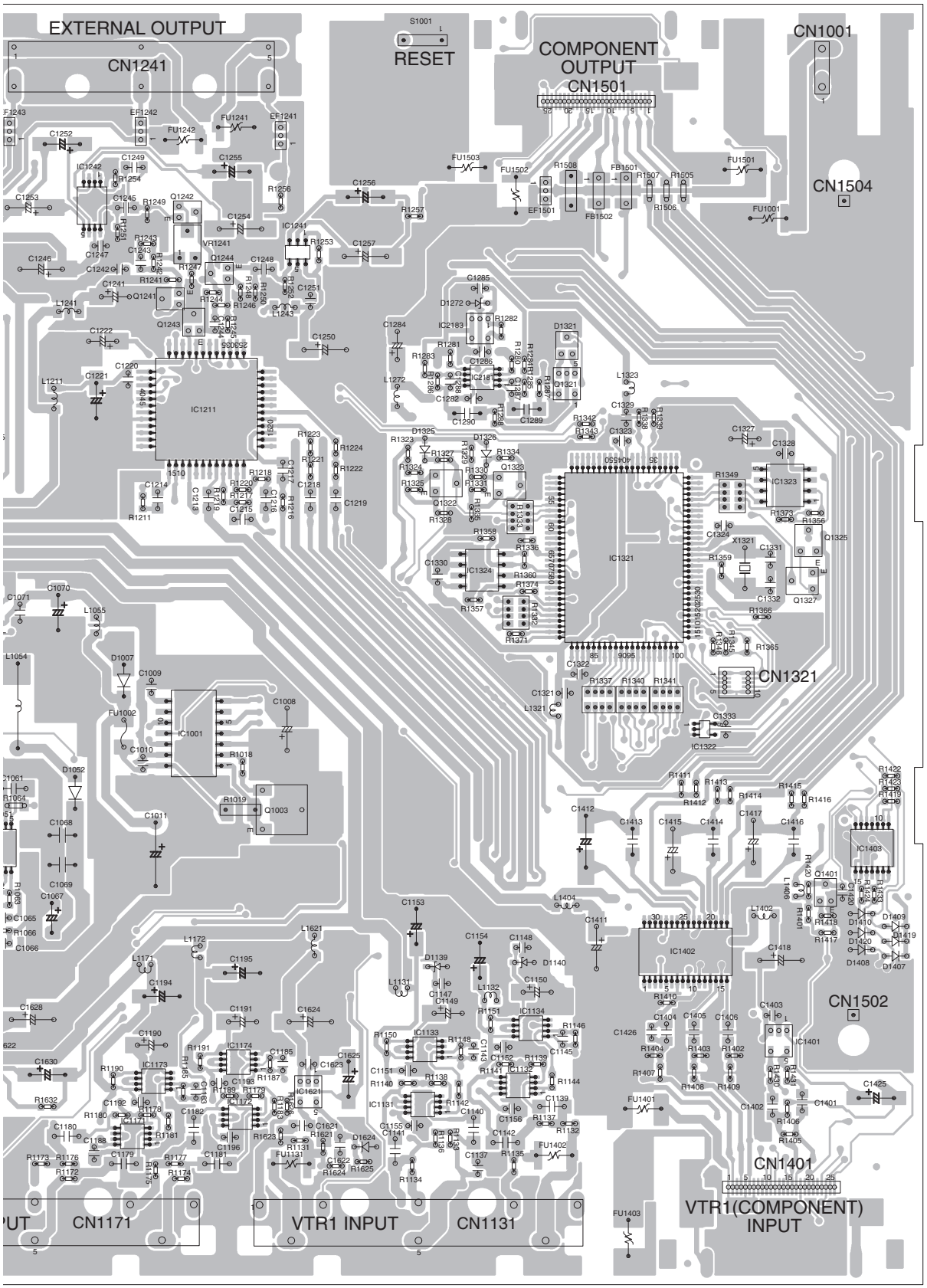
NOTE FOR PCB DIAGRAMS

1. The parts mounted on this PCB include all necessary parts for several destination. For further information for respective destinations, be sure to check with the schematic diagram.
2. Viewpoint of PCB diagrams



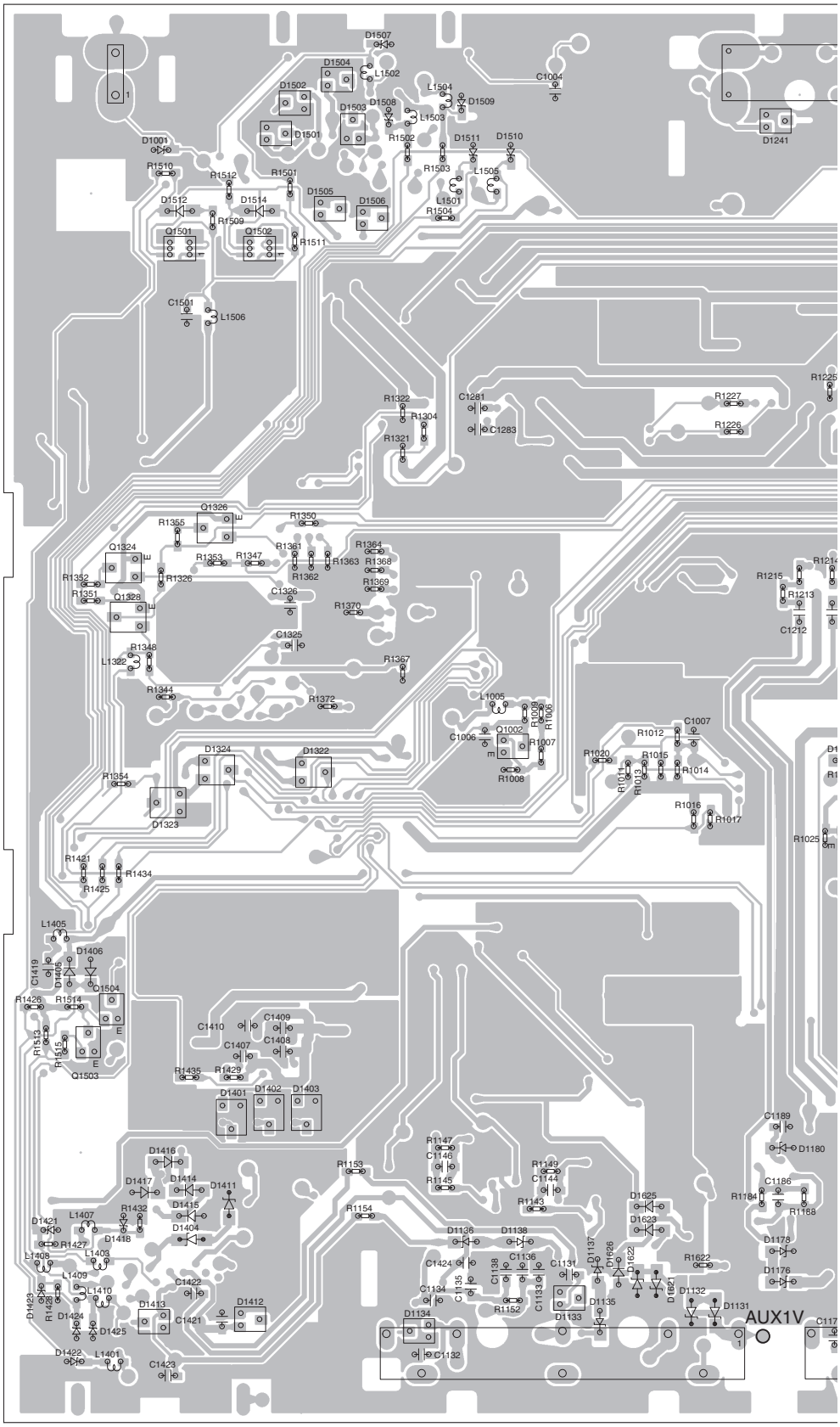


SIDE A

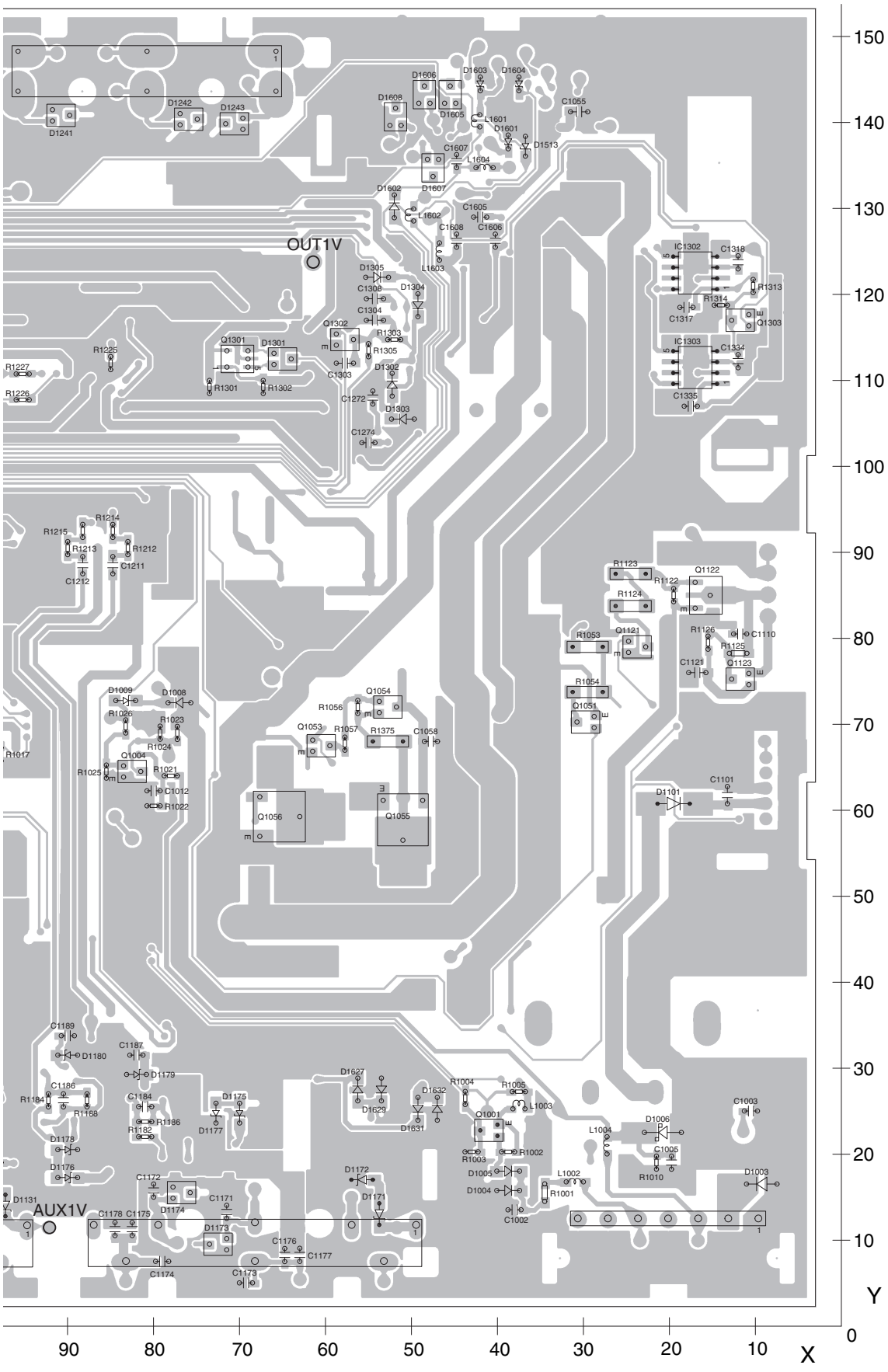


AVD-W9000/UR

A POWER SUPPLY UNIT



SIDE B

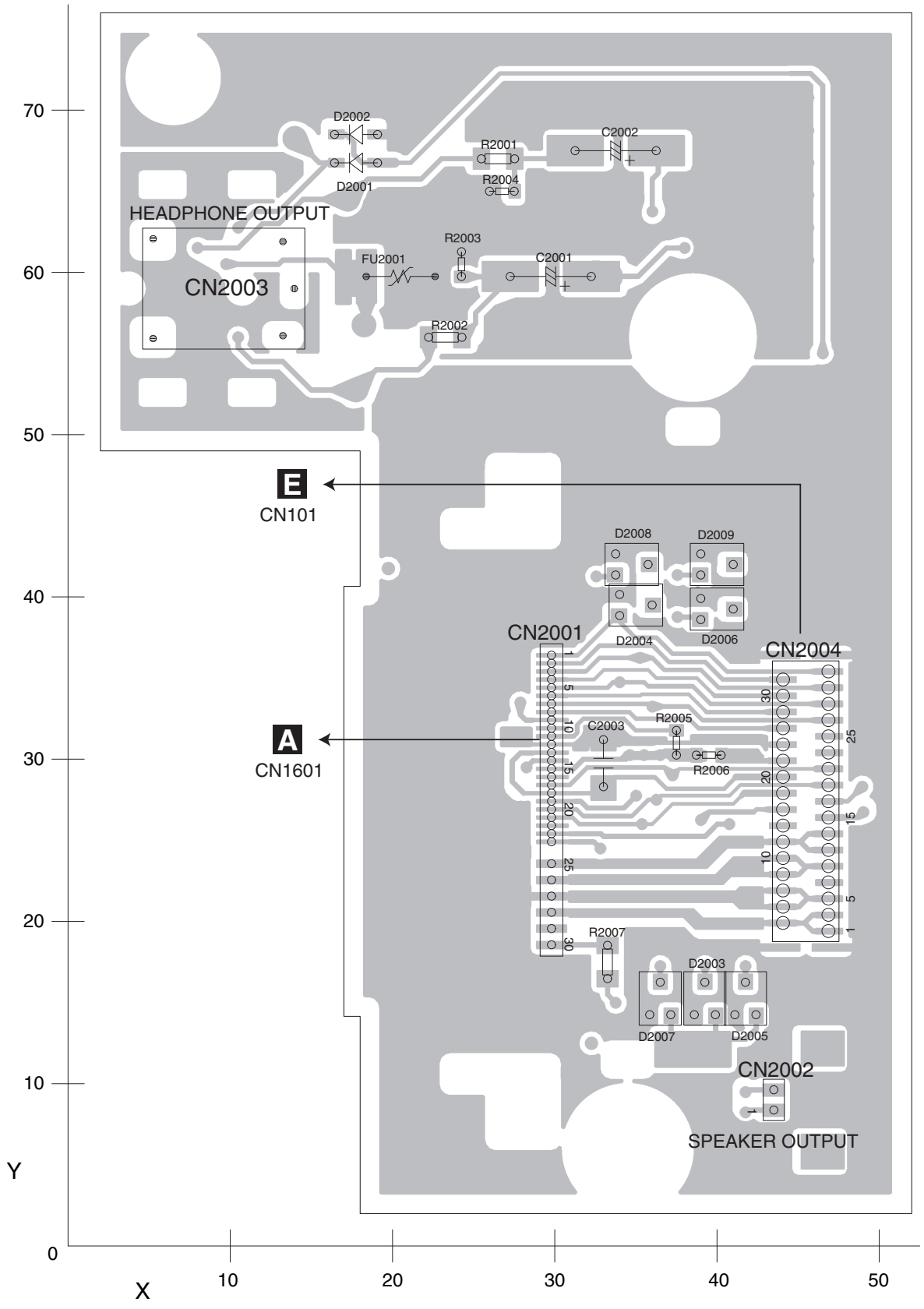

OUT1V
AUX1V
D1241
D1242
D1243
D1606
D1603
D1604
D1608
D1605
L1601
D1601
D1513
C1055
C1607
L1604
D1607
D1602
L1602
C1605
C1608
C1606
L1603
D1305
C1308
D1304
C1304
Q1302
R1303
R1305
C1303
D1302
C1272
D1303
C1274
Q1301
D1301
R1301
R1302
R1225
R1227
R1226
IC1302
C1318
R1313
R1314
C1317
C1303
IC1303
C1334
C1335
R1214
R1215
R1213
R1212
C1211
C1212
R1123
R1122
Q1122
R1124
R1053
Q1121
R1126
C1110
R1125
C1121
Q1123
R1054
C1051
D1009
D1008
R1026
R1023
R1024
R1017
Q1004
R1025
R1021
C1012
R1022
Q1054
R1056
Q1053
R1057
R1375
C1058
Q1056
Q1055
C1101
D1101
C1189
D1180
C1187
D1179
C1186
R1184
R1188
C1184
R1186
R1182
D1175
D1177
D1627
D1629
D1632
D1631
R1004
R1005
L1003
Q1001
R1003
R1002
D1005
D1004
L1002
R1001
C1002
L1004
D1006
C1005
R1010
C1003
D1003
D1179
D1176
D1131
C1172
C1171
D1174
C1178
C1175
D1173
C1176
C1177
C1174
C1173
D1172
D1171
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
Y
90
80
70
60
50
40
30
20
10
X

A

11.2 RELAY PCB

B RELAY PCB

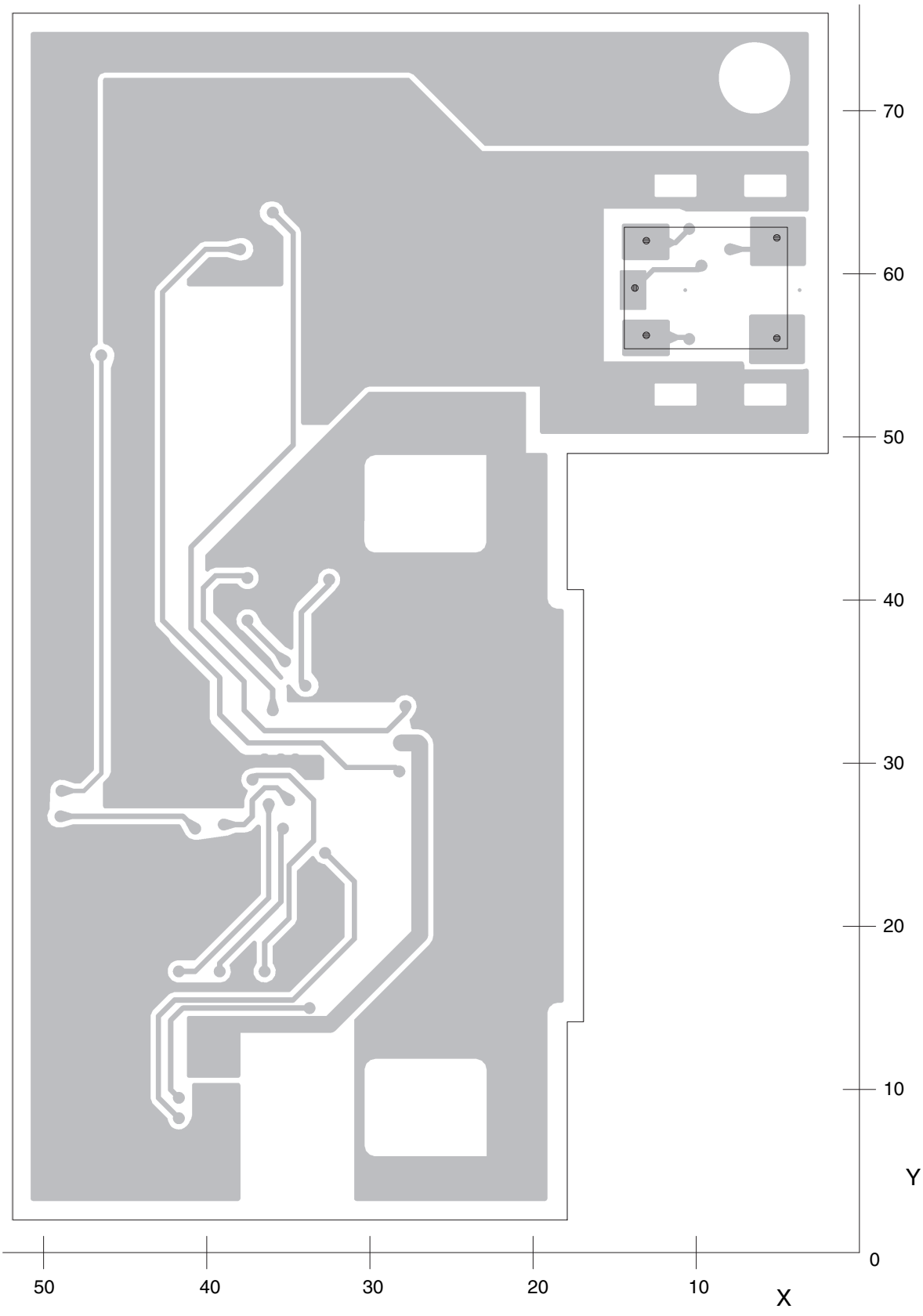
SIDE A



B

B RELAY PCB

SIDE B

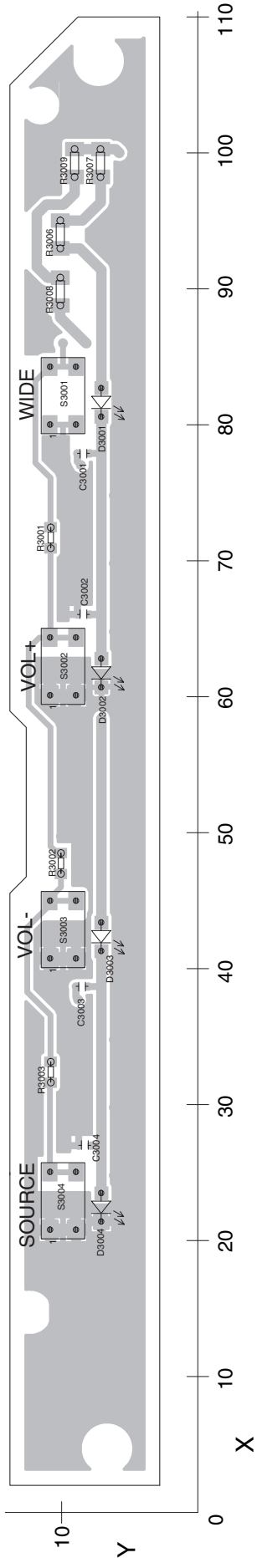


B

11.3 KEY PCB

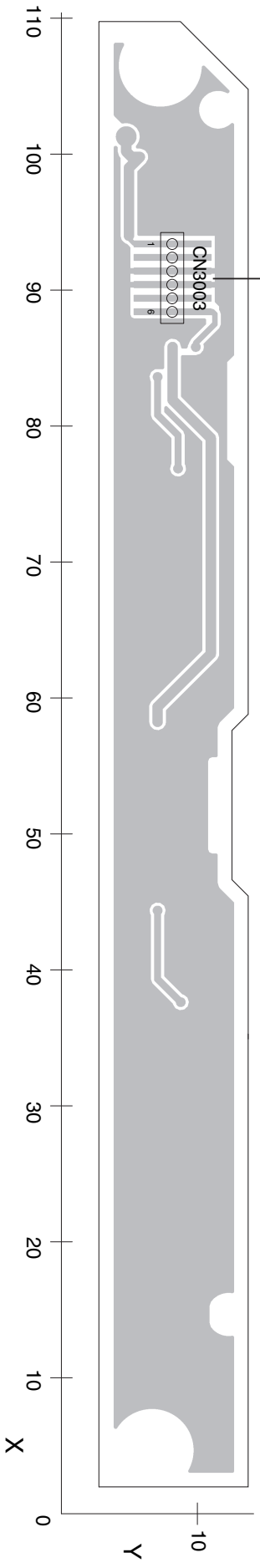
C KEY PCB

SIDE A



C KEY PCB

SIDE B

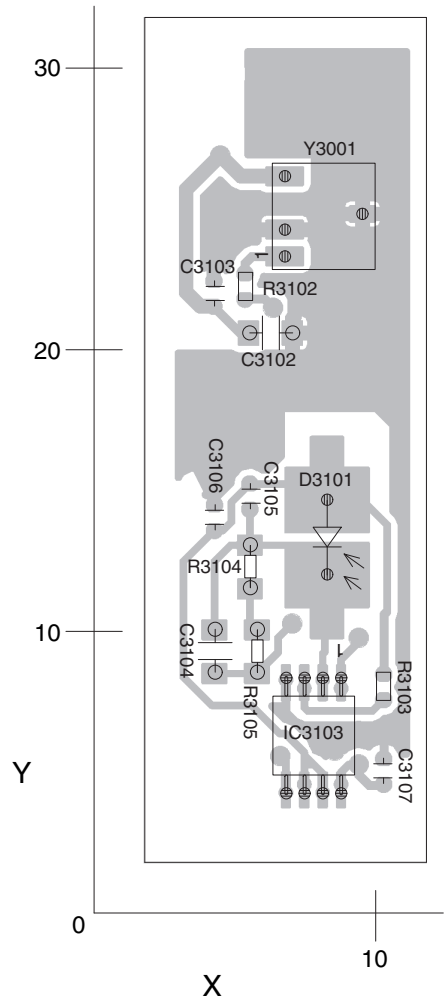


E CN102

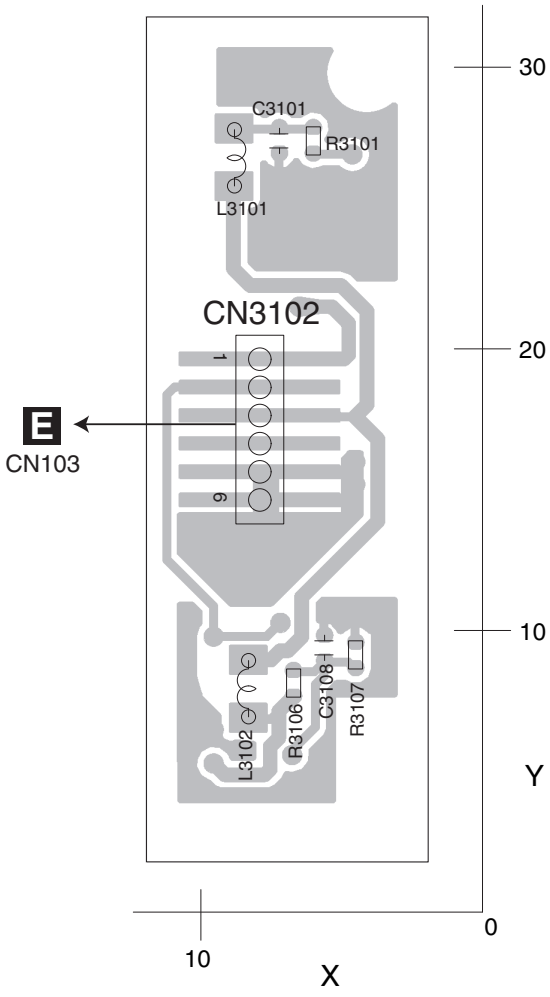
C

11.4 SENSOR PCB

D SENSOR PCB **SIDE A**



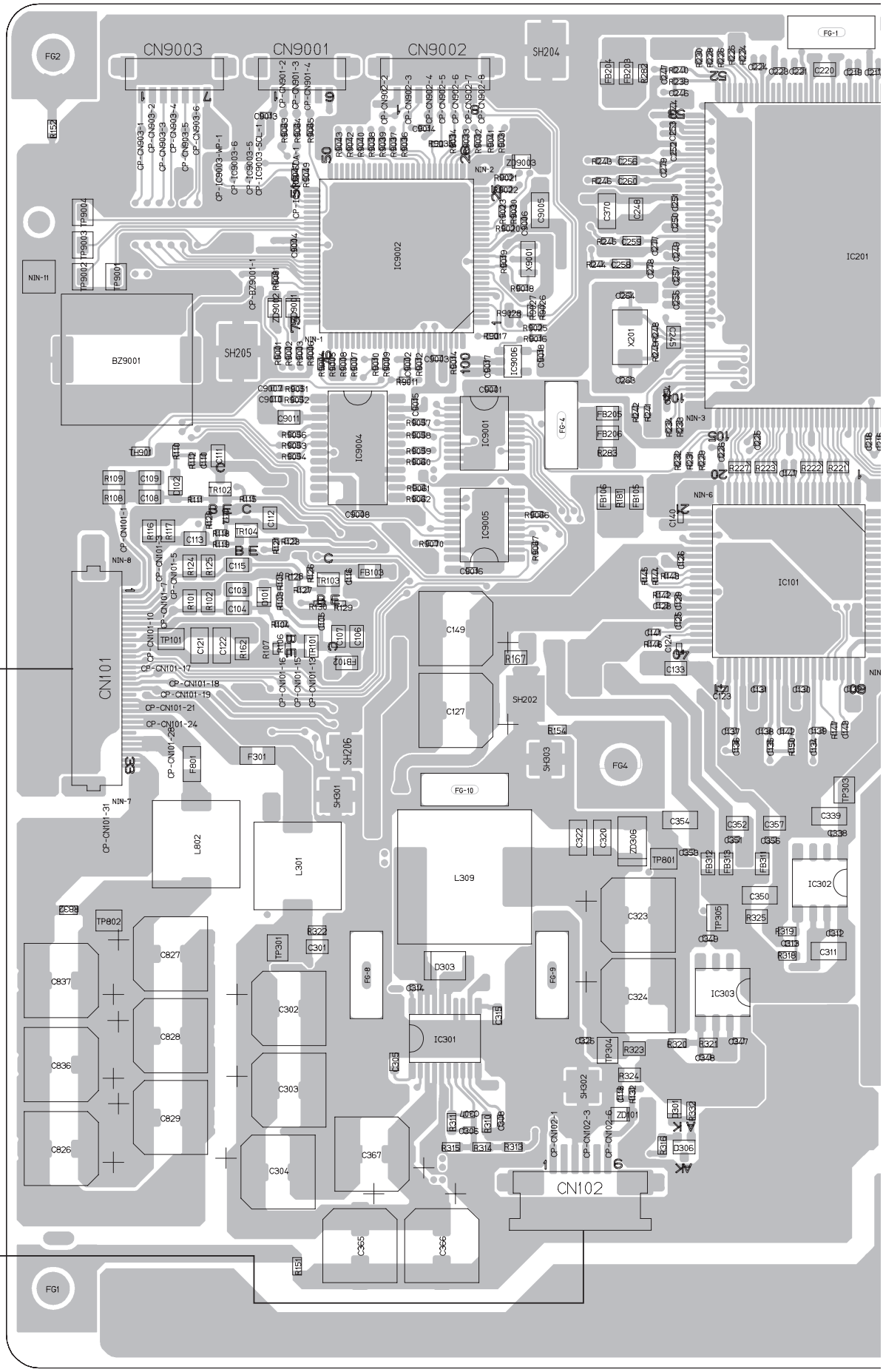
D SENSOR PCB **SIDE B**



11.5 SERVICE UNIT(VIDEO PCB)

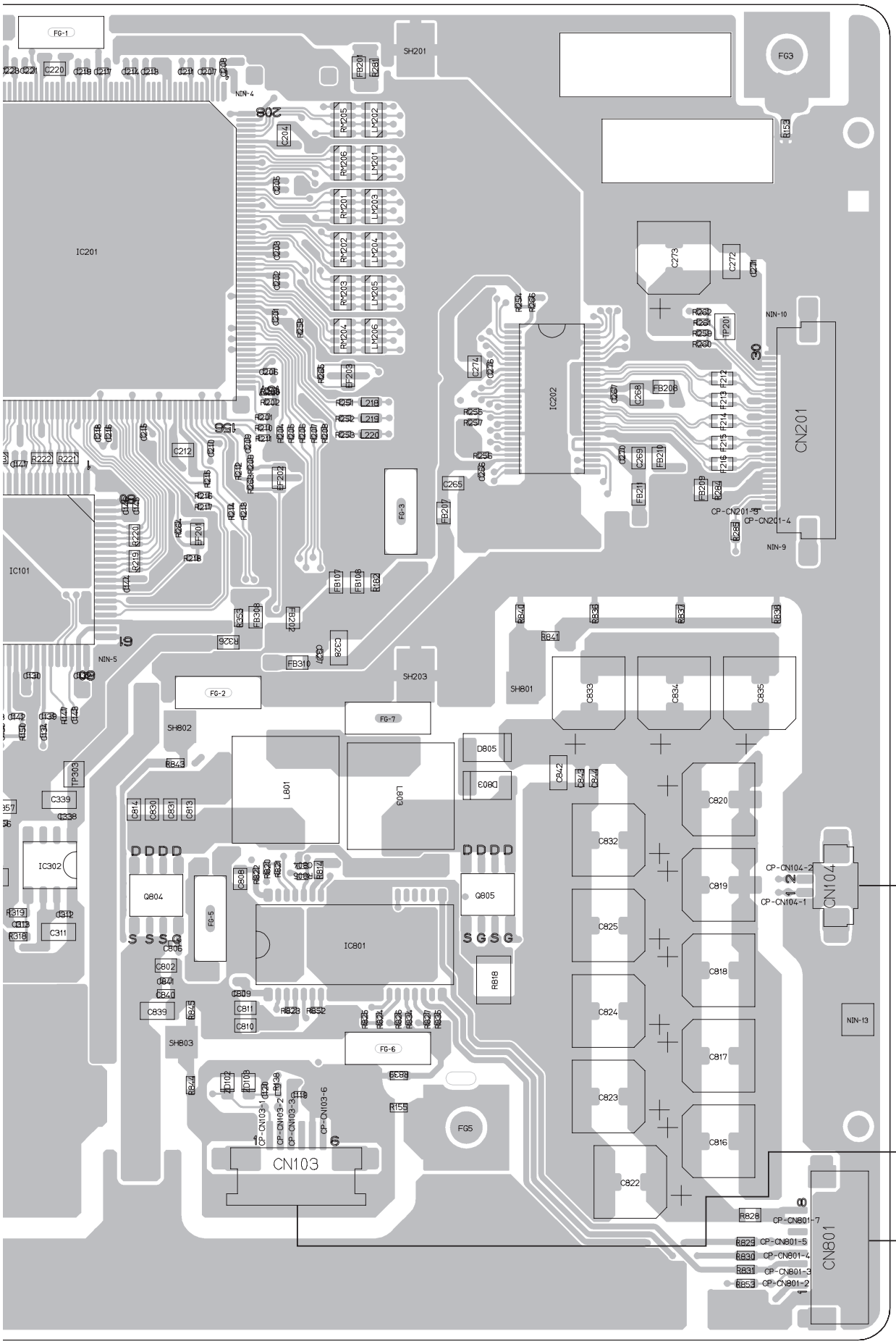
E

SERVICE UNIT
(VIDEO PCB)



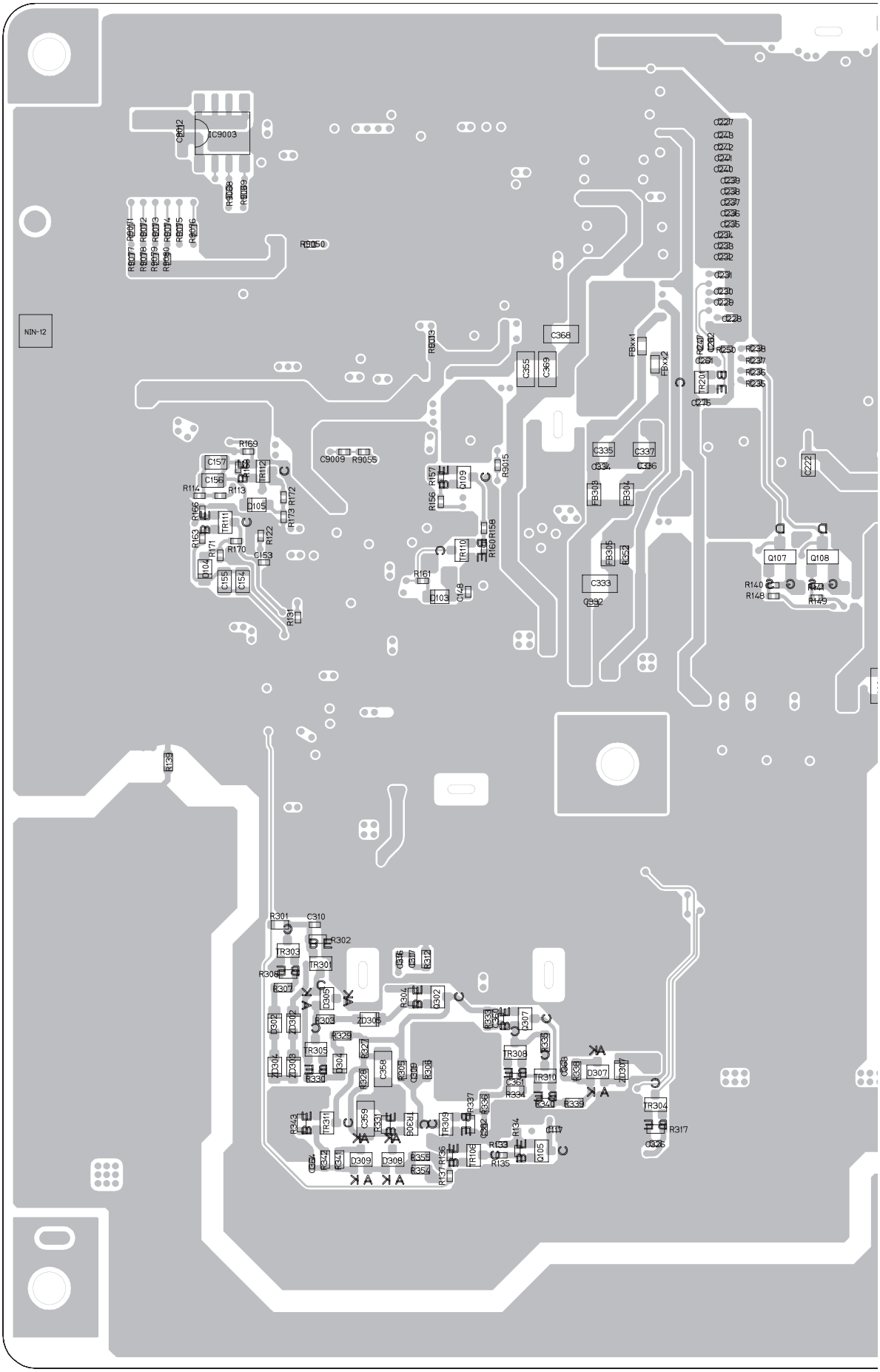
E

SIDE A


IC201
IC202
IC101
IC302
IC801
CN201
CN104
CN103
CN3102
CN801
SH201
SH203
SH801
SH802
SH803
NIN-4
NIN-5
NIN-9
NIN-10
NIN-13
FG-1
FG-2
FG-3
FG-5
FG-6
FG-7
FG3
FG5
L801
L803
Q804
Q805
TP201
TP303
SPEAKER OUTPUT Lch
CN3102
LED BACKLIGHT

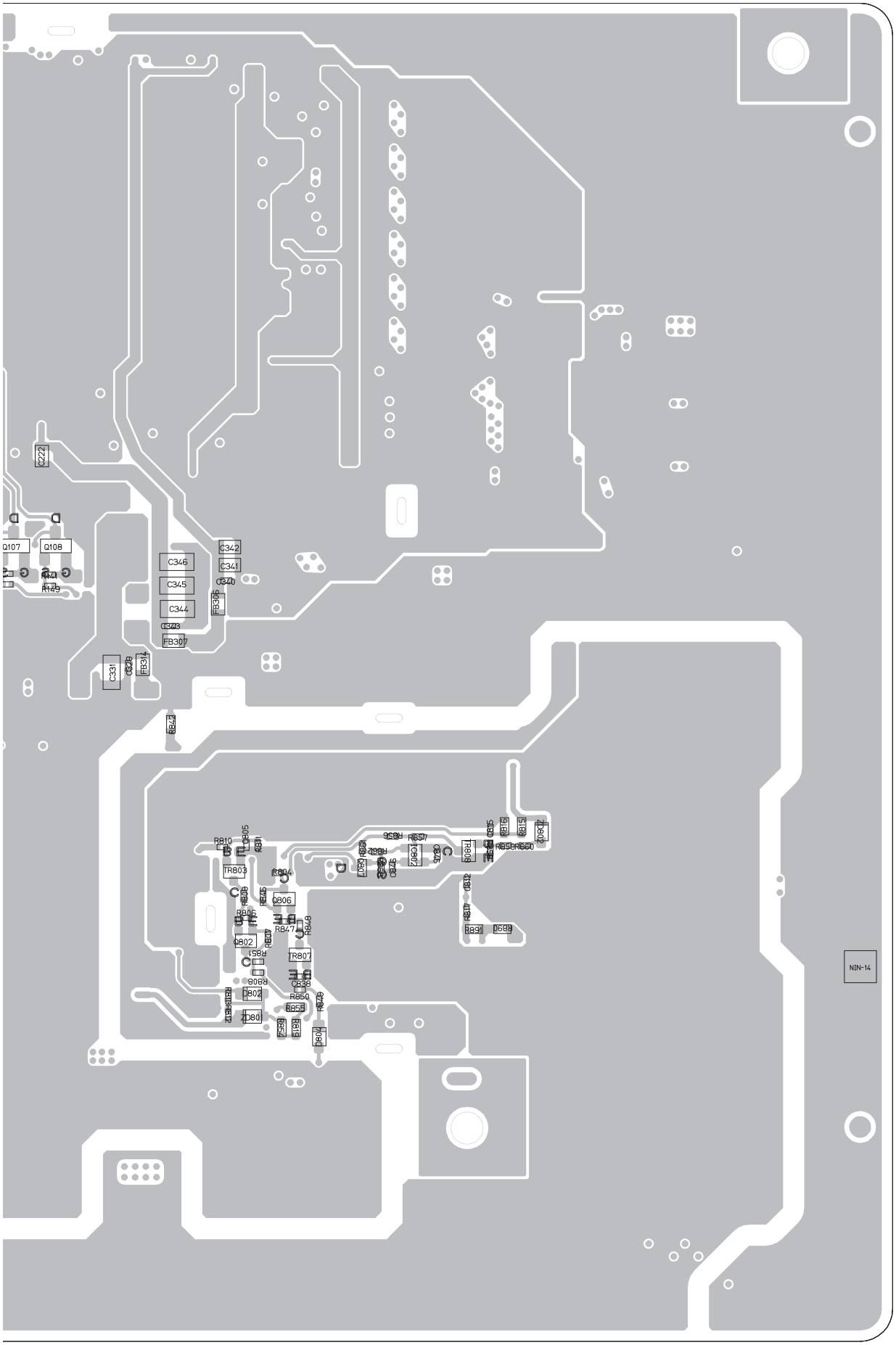
E

SERVICE UNIT
(VIDEO PCB)



E

SIDE B


C222
Q107
Q108
R129
C342
C341
C346
C345
C344
C343
C340
FB305
FB307
FB304
C331
C329
R842
R810
D805
R891
R856
R857
R858
R859
C835
R813
R815
Z804
TR803
R804
R808
C802
C803
C804
C805
R806
D806
R845
R846
R847
R848
D802
R807
R851
TR807
C838
R809
D808
R802
R850
R852
R853
R854
R855
R826
ZD801
R812
R811
D804
R817
R818
D803
R891
D809
NIN-14

12. ELECTRICAL PARTS LIST

NOTE:

- *Parts whose parts numbers are omitted are subject to being not supplied.*
- *The part numbers shown below indicate chip components.*

  Chip Resistor

  RS1/◯S◯◯◯J,RS1/◯◯S◯◯◯J

  Chip Capacitor (except for CQS.....)

  CKS....., CCS....., CSZS.....
- *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
- *Meaning of the figures and others in the parentheses in the parts list.*

  Example) IC 301 is on the point (face A, 91 of x-axis, and 111 of y-axis) of the corresponding PC board.

  IC 301 (A, 91, 111) IC NJM2068V
- *The expression of the unit in this manual is shown by u instead of µ. Please do not make a mistake.*

Unit Number : CWN3651

Unit Name : Power Supply Unit

Unit Number : CWN3417

Unit Name : Key Sensor Unit

Unit Number : CXX2387

Unit Name : Service Unit(Video PCB)

A

Unit Number : CWN3651

Unit Name : Power Supply Unit

MISCELLANEOUS

Circuit Symbol and No.		Part No.
IC 1001	(A,87,67) IC	PAJ002A
IC 1051	(A,65,54) IC	FA7700V
IC 1052	(A,59,82) IC	BA05SFP
IC 1101	(A,9,63) IC	BA00CC0WT
IC 1102	(A,13,75) IC	BA05FP
IC 1131	(A,114,24) IC	BA4558RFVM
IC 1132	(A,125,26) IC	BA4558RFVM
IC 1133	(A,114,30) IC	BA4558RFVM
IC 1134	(A,127,33) IC	BA4558RFVM
IC 1171	(A,80,20) IC	BA4558RFVM
IC 1172	(A,93,22) IC	BA4558RFVM
IC 1173	(A,82,26) IC	BA4558RFVM
IC 1174	(A,92,29) IC	BA4558RFVM
IC 1211	(A,89,106) IC	CXA2089Q
IC 1241	(A,99,124) IC	NJM2561F1
IC 1242	(A,75,130) IC	NJM2267V
IC 1301	(A,51,117) IC	NJM2777V
IC 1302	(B,17,123) IC	TDA7052BT
IC 1303	(B,17,112) IC	TDA7052BT
IC 1321	(A,138,88) IC	PE5636A
IC 1322	(A,147,68) IC	TC7SH08FUS1
IC 1323	(A,157,97) IC	M62342FP
IC 1401	(A,156,31) IC	NJM2505AF
IC 1402	(A,145,42) IC	NJM2565V
IC 1403	(A,167,54) IC	NJM2734V
IC 2180	(A,53,103) IC	BA4558RFVM
IC 2181	(A,121,109) IC	BA4558RFVM
IC 2182	(A,59,105) IC	NJM2125F
IC 2183	(A,121,115) IC	NJM2125F
Q 1002	(B,119,74) Transistor	2SC4081
Q 1003	(A,100,58) Transistor	2SB1184F5
Q 1004	(B,83,65) Transistor	2SC4081
Q 1051	(B,30,70) Transistor	DTC123EU
Q 1052	(A,37,79) Transistor	2SA1385-ZS1
Q 1053	(B,61,68) Transistor	DTC123EU
Q 1054	(B,53,72) Chip Transistor	2SA1576A
Q 1055	(B,51,57) Transistor	2SC5103
Q 1056	(B,63,59) Transistor	2SC5103
Q 1121	(B,24,79) Chip Transistor	DTC114EUA
Q 1122	(B,15,85) Transistor	2SB1260
Q 1123	(B,12,75) Transistor	2SC4081
Q 1124	(A,9,85) Transistor	2SD2375
Q 1241	(A,84,119) Transistor	2SA1577
Q 1242	(A,86,129) Transistor	2SC4081
Q 1243	(A,87,116) Transistor	2SA1577
Q 1244	(A,90,122) Transistor	2SC4081
Q 1301	(B,70,113) Transistor	FMG12
Q 1302	(B,58,115) Chip Transistor	DTC114EUA
Q 1303	(B,12,117) Chip Transistor	DTC114EUA
Q 1321	(A,131,109) Transistor	FMG12
Q 1322	(A,117,97) Transistor	2SC2412K
Q 1323	(A,124,97) Transistor	2SC2412K
Q 1324	(B,160,93) Transistor	DTA144EK
Q 1325	(A,160,90) Transistor	DTA144EK
Q 1326	(B,151,98) Transistor	DTA144EK
Q 1327	(A,159,85) Transistor	DTA144EK
Q 1328	(B,160,88) Transistor	DTA144EK
Q 1401	(A,162,49) Transistor	2SC4081
Q 1501	(B,154,127) Transistor	UMD3N
Q 1503	(B,164,43) Transistor	2SC4081
Q 1504	(B,162,46) Transistor	2SC4081
D 1003	(B,9,17) Diode	SC016-2
D 1006	(B,21,23) Diode	MA738
D 1007	(A,79,74) Diode	RSX201L-30

Circuit Symbol and No.		Part No.
D 1008	(B,77,73) Diode	RB500V-40
D 1009	(B,83,73) Diode	UDZS18(B)
D 1051	(A,49,74) Diode	PTZ18A
D 1052	(A,73,60) Diode	RB060L-40
D 1053	(A,58,47) Diode	MA8056(L)
D 1101	(B,20,61) Diode	RSX201L-30
D 1121	(A,14,85) Diode	HZU10(B1)
D 1131	(B,97,14) Diode	HZU2R0(B)
D 1132	(B,100,14) Diode	HZU2R0(B)
D 1133	(B,113,16) Diode	UMZ6R8N
D 1134	(B,129,12) Diode	UMZ6R8N
D 1135	(B,110,13) Diode	UDZS5R6(B)
D 1136	(B,124,22) Diode	UDZS5R6(B)
D 1137	(B,110,19) Diode	UDZS5R6(B)
D 1138	(B,118,22) Diode	UDZS5R6(B)
D 1139	(A,116,40) Diode	UDZS4R7(B)
D 1140	(A,126,40) Diode	UDZS4R7(B)
D 1171	(B,54,13) Diode	HZU2R0(B)
D 1172	(B,56,17) Diode	HZU2R0(B)
D 1173	(B,73,10) Diode	UMZ6R8N
D 1174	(B,77,16) Diode	UMZ6R8N
D 1175	(B,70,25) Diode	UDZS5R6(B)
D 1176	(B,90,17) Diode	UDZS5R6(B)
D 1177	(B,73,25) Diode	UDZS5R6(B)
D 1178	(B,90,21) Diode	UDZS5R6(B)
D 1179	(B,82,29) Diode	UDZS4R7(B)
D 1180	(B,90,32) Diode	UDZS4R7(B)
D 1241	(B,91,141) Diode	UMZ6R8N
D 1242	(B,76,140) Diode	UMZ6R8N
D 1243	(B,71,140) Diode	UMZ6R8N
D 1271	(A,60,101) Diode	UDZS4R7(B)
D 1272	(A,121,118) Diode	UDZS4R7(B)
D 1301	(B,65,113) Diode	DAP202U
D 1302	(B,52,110) Diode	1SS355
D 1303	(B,51,106) Diode	1SS355
D 1304	(B,49,119) Diode	1SS355
D 1305	(B,54,122) Diode	1SS355
D 1306	(A,42,125) Diode	1SS355
D 1307	(A,42,123) Diode	1SS355
D 1308	(A,20,124) Diode	1SS355
D 1309	(A,20,122) Diode	1SS355
D 1310	(A,38,124) Diode	1SS355
D 1311	(A,38,122) Diode	1SS355
D 1312	(A,25,124) Diode	1SS355
D 1313	(A,25,122) Diode	1SS355
D 1321	(A,131,113) Diode	DAP202U
D 1322	(B,140,72) Diode	MA153
D 1323	(B,156,68) Diode	MA153
D 1324	(B,150,72) Diode	MA153
D 1325	(A,114,101) Diode	1SS355
D 1326	(A,122,100) Diode	1SS355
D 1401	(B,149,35) Diode	MA153
D 1402	(B,145,35) Diode	MA153
D 1403	(B,141,35) Diode	MA153
D 1404	(B,153,22) Diode	HZU2R0(B)
D 1411	(B,149,26) Diode	HZU2R0(B)
D 1412	(B,147,13) Diode	UMZ6R8N
D 1413	(B,157,13) Diode	UMZ6R8N
D 1414	(B,153,27) Diode	1SS355
D 1415	(B,153,24) Diode	1SS355

Circuit Symbol and No.		Part No.
D 1416	(B,156,30) Diode	1SS355
D 1417	(B,158,27) Diode	1SS355
D 1418	(B,160,24) Diode	EDZ6R8(B)
D 1421	(B,168,23) Diode	EDZ6R8(B)
D 1422	(B,166,9) Diode	EDZ6R8(B)
D 1423	(B,169,16) Diode	EDZ6R8(B)
D 1424	(B,165,12) Diode	EDZ6R8(B)
D 1425	(B,164,12) Diode	EDZ6R8(B)
D 1501	(B,144,140) Diode	UMZ6R8N
D 1502	(B,142,143) Diode	UMZ6R8N
D 1503	(B,136,140) Diode	UMZ6R8N
D 1504	(B,138,145) Diode	UMZ6R8N
D 1505	(B,138,132) Diode	UMZ6R8N
D 1506	(B,134,131) Diode	UMZ6R8N
D 1507	(B,133,149) Diode	EDZ6R8(B)
D 1508	(B,132,141) Diode	EDZ6R8(B)
D 1509	(B,124,143) Diode	EDZ6R8(B)
D 1510	(B,119,138) Diode	EDZ6R8(B)
D 1511	(B,123,138) Diode	EDZ6R8(B)
D 1601	(B,39,138) Diode	EDZ6R8(B)
D 1602	(B,52,130) Diode	1SS355
D 1603	(B,42,145) Diode	EDZ6R8(B)
D 1604	(B,38,145) Diode	EDZ6R8(B)
D 1605	(B,46,143) Diode	UMZ6R8N
D 1606	(B,49,143) Diode	UMZ6R8N
D 1607	(B,48,135) Diode	UMZ6R8N
D 1608	(B,52,141) Diode	UMZ6R8N
L 1001	(A,26,27) Choke Coil 2.4 mH	CTH1101
L 1003	(B,38,25) Inductor	CTF1334
L 1004	(B,27,21) Inductor	CTF1295
L 1005	(B,120,79) Inductor	CTF1334
L 1051	(A,32,65) Coil	CTH1299
L 1052	(A,47,45) Choke Coil 33 uH	CTH1354
L 1053	(A,57,57) Chip Coil	LCTAW100J2520
L 1054	(A,66,71) Choke Coil 22 uH	CTH1356
L 1055	(A,76,80) Inductor	CTF1393
L 1101	(A,18,69) Inductor	CTF1393
L 1131	(A,112,37) Inductor	CTF1410
L 1132	(A,122,36) Inductor	CTF1410
L 1171	(A,81,40) Inductor	CTF1410
L 1172	(A,88,42) Inductor	CTF1410
L 1211	(A,71,107) Chip Coil	LCTAW100J2520
L 1241	(A,72,117) Chip Coil	LCTAW100J2520
L 1242	(A,62,122) Chip Coil	LCTAW100J2520
L 1243	(A,98,118) Chip Coil	LCTAW100J2520
L 1271	(A,43,97) Chip Coil	LCTAW100J2520
L 1272	(A,111,107) Chip Coil	LCTAW100J2520
L 1301	(A,49,110) Chip Coil	LCTAW100J2520
L 1302	(A,11,107) Coil	CTH1299
L 1321	(A,130,70) Inductor	CTF1334
L 1322	(B,160,83) Inductor	CTF1334
L 1323	(A,138,108) Inductor	CTF1473
L 1401	(B,161,9) Inductor	CTF1384
L 1402	(A,154,46) Chip Coil	LCTAW100J2520
L 1403	(B,163,20) Inductor	CTF1306
L 1404	(A,131,47) Chip Coil	LCTAW100J2520
L 1405	(B,167,54) Inductor	CTF1334
L 1406	(A,158,49) Inductor	CTF1334
L 1407	(B,164,23) Inductor	CTF1306
L 1408	(B,169,19) Inductor	CTF1306

Circuit Symbol and No.			Part No.
L 1409	(B,165,16)	Inductor	CTF1306
L 1410	(B,163,16)	Inductor	CTF1306
L 1501	(B,125,134)	Inductor	CTF1306
L 1502	(B,134,146)	Inductor	CTF1306
L 1503	(B,130,141)	Inductor	CTF1306
L 1504	(B,126,143)	Inductor	CTF1306
L 1505	(B,121,134)	Inductor	CTF1306
L 1506	(B,151,120)	Inductor	CTF1334
L 1601	(B,42,140)	Inductor	CTF1334
L 1602	(B,50,129)	Inductor	CTF1334
L 1603	(B,47,125)	Inductor	CTF1393
L 1604	(B,42,135)	Inductor	CTF1305
X 1321	(A,152,87)	Crystal Resonator 12.582 912 MHz	CSS1542
S 1001	(A,114,149)	Switch(RESET)	CSG1020
VR1241	(A,86,125)	Semi-fixed 1.5 kohm(B)	CCP1443
⚠FU1002	(A,79,67)	Fuse 400 mA	CEK1250
⚠FU1051	(A,31,58)	Fuse 2 A	CEK1257
⚠FU1110	(A,24,50)	Fuse 2 A	CEK1257
FU1131	(A,99,17)	Poly Switch	MINISMDC075F/24
FU1171	(A,54,21)	Poly Switch	MINISMDC075F/24
FU1241	(A,92,139)	Poly Switch	MINISMDC075F/24
FU1242	(A,86,137)	Poly Switch	MINISMDC075F/24
FU1401	(A,140,23)	Poly Switch	MINISMDC075F/24
FU1402	(A,130,18)	Poly Switch	MINISMDC075F/24
FU1403	(A,138,8)	Poly Switch	MINISMDC075F/24
FU1501	(A,152,134)	Poly Switch	MINISMDC075F/24
FU1502	(A,125,131)	Poly Switch	MINISMDC075F/24
FU1503	(A,119,134)	Poly Switch	MINISMDC075F/24
FB1501	(A,138,131)	Inductor	CTF1453
FB1502	(A,135,131)	Inductor	CTF1453
FB1601	(A,49,126)	Inductor	CTF1453
FB1602	(A,45,126)	Inductor	CTF1453
FB1603	(A,24,130)	Inductor	CTF1453
FB1604	(A,41,129)	Inductor	CTF1453
FB1605	(A,36,129)	Inductor	CTF1453
FB1606	(A,33,130)	Inductor	CTF1453
FB1607	(A,30,124)	Inductor	CTF1453
FB1608	(A,21,130)	Inductor	CTF1453
EF1051	(A,33,52)	EMI Filter	CCG1172
EF1241	(A,97,138)	EMI Filter	CCG1082
EF1242	(A,81,138)	EMI Filter	CCG1067
EF1243	(A,65,138)	EMI Filter	CCG1067
EF1501	(A,129,131)	EMI Filter	CCG1082
EF1502	(A,40,135)	EMI Filter	CCG1082
EF1601	(A,47,134)	EMI Filter	CCG1082

RESISTORS

R 1005	(B,38,27)	RS1/16S103J
R 1006	(B,116,78)	RS1/16S563J
R 1007	(B,116,73)	RS1/16S104J
R 1008	(B,119,72)	RS1/16S473J
R 1009	(B,118,78)	RS1/16S473J
R 1010	(B,22,19)	RS1/16S3901D
R 1011	(B,107,72)	RS1/16S102J
R 1012	(B,101,75)	RS1/16S102J
R 1013	(B,105,72)	RS1/16S104J
R 1014	(B,101,72)	RS1/16S104J
R 1015	(B,103,72)	RS1/16S104J
R 1016	(B,100,67)	RS1/16S333J
R 1017	(B,98,67)	RS1/16S153J
R 1018	(A,93,63)	RS1/16S102J
R 1019	(A,93,58)	RS1/4S2R2J
R 1020	(B,109,73)	RS1/16S102J
R 1021	(B,78,64)	RS1/16S6202D
R 1022	(B,80,61)	RS1/16S3602D
R 1023	(B,77,69)	RS1/16S753J
R 1024	(B,79,69)	RS1/16S363J
R 1025	(B,86,65)	RS1/16S104J
R 1026	(B,83,70)	RS1/16S104J
R 1051	(A,33,58)	RS1/8S0R0J
R 1052	(A,32,79)	RS1/16S103J
R 1053	(B,30,79)	RS1/4S331J
R 1054	(B,30,74)	RS1/4S331J
R 1055	(A,34,74)	RS1/16S103J
R 1056	(B,56,72)	RS1/16S103J
R 1057	(B,58,68)	RS1/16S103J
R 1058	(A,57,52)	RS1/4S102J
R 1059	(A,61,56)	RS1/16S335J
R 1060	(A,61,51)	RS1/16S2002D
R 1061	(A,61,48)	RS1/16S9100D
R 1062	(A,63,49)	RS1/16S564J
R 1063	(A,65,48)	RS1/16S101J
R 1064	(A,66,59)	RS1/10S220J
R 1065	(A,62,45)	RS1/16S103J
R 1066	(A,65,44)	RS1/16S1602D
R 1101	(A,17,63)	RN1/16SE1002D
R 1102	(A,16,66)	RN1/16SE3901D
R 1103	(A,14,67)	RN1/16SE2201D
R 1122	(B,20,85)	RS1/16S153J
R 1123	(B,25,88)	RS1/4S301J
R 1124	(B,25,84)	RS1/4S301J
R 1125	(B,12,78)	RS1/10S681J
R 1126	(B,16,80)	RS1/16S684J
R 1131	(A,100,19)	RS1/16S750J
R 1132	(A,131,21)	RS1/16S103J
R 1133	(A,117,20)	RS1/16S103J
R 1134	(A,113,16)	RS1/16S103J
R 1135	(A,125,16)	RS1/16S103J
R 1136	(A,116,20)	RS1/16S223J
R 1137	(A,129,21)	RS1/16S223J
R 1138	(A,116,26)	RS1/16S473J
R 1139	(A,128,28)	RS1/16S473J
R 1140	(A,112,26)	RS1/16S473J
R 1141	(A,124,28)	RS1/16S473J
R 1142	(A,118,25)	RS1/16S1002D
R 1143	(B,116,25)	RS1/16S1002D
R 1144	(A,129,26)	RS1/16S1002D
R 1145	(B,126,27)	RS1/16S1002D
R 1146	(A,132,31)	RS1/16S1002D
R 1147	(B,126,32)	RS1/16S1002D
R 1148	(A,119,30)	RS1/16S1002D
R 1149	(B,115,29)	RS1/16S1002D
R 1150	(A,110,30)	RS1/16S472J
R 1151	(A,122,33)	RS1/16S472J
R 1152	(B,119,15)	RS1/16S0R0J
R 1153	(B,136,29)	RS1/16S103J
R 1154	(B,135,24)	RS1/16S103J
R 1171	(A,51,24)	RS1/16S750J
R 1172	(A,72,15)	RS1/16S103J

Circuit Symbol and No.		Part No.
R 1173	(A,69,17)	RS1/16S103J
R 1174	(A,86,15)	RS1/16S103J
R 1175	(A,83,16)	RS1/16S103J
R 1176	(A,72,17)	RS1/16S223J
R 1177	(A,85,17)	RS1/16S223J
R 1178	(A,82,22)	RS1/16S473J
R 1179	(A,94,25)	RS1/16S473J
R 1180	(A,79,22)	RS1/16S473J
R 1181	(A,84,22)	RS1/16S1002D
R 1182	(B,81,22)	RS1/16S1002D
R 1183	(A,97,23)	RS1/16S1002D
R 1184	(B,92,26)	RS1/16S1002D
R 1185	(A,86,25)	RS1/16S1002D
R 1186	(B,81,24)	RS1/16S1002D
R 1187	(A,96,28)	RS1/16S1002D
R 1188	(B,88,26)	RS1/16S1002D
R 1189	(A,91,25)	RS1/16S473J
R 1190	(A,78,26)	RS1/16S472J
R 1191	(A,88,29)	RS1/16S472J
R 1211	(A,81,95)	RS1/16S470J
R 1212	(B,83,91)	RS1/16S332J
R 1213	(B,90,91)	RS1/16S332J
R 1214	(B,85,93)	RS1/16S272J
R 1215	(B,88,93)	RS1/16S272J
R 1216	(A,98,95)	RS1/16S470J
R 1217	(A,93,95)	RS1/16S332J
R 1218	(A,95,97)	RS1/16S332J
R 1219	(A,91,95)	RS1/16S272J
R 1220	(A,93,96)	RS1/16S272J
R 1221	(A,101,98)	RS1/16S332J
R 1222	(A,104,98)	RS1/16S332J
R 1223	(A,101,101)	RS1/16S272J
R 1224	(A,104,101)	RS1/16S272J
R 1225	(B,85,112)	RS1/16S101J
R 1226	(B,95,108)	RS1/16S101J
R 1227	(B,95,111)	RS1/16S101J
R 1241	(A,85,121)	RS1/16S102J
R 1242	(A,82,123)	RS1/16S362J
R 1243	(A,82,125)	RS1/16S0R0J
R 1244	(A,89,119)	RS1/16S102J
R 1245	(A,91,116)	RS1/16S392J
R 1246	(A,90,118)	RS1/16S0R0J
R 1247	(A,87,121)	RS1/16S332J
R 1248	(A,93,119)	RS1/16S362J
R 1249	(A,82,129)	RS1/16S471J
R 1250	(A,94,119)	RS1/16S471J
R 1251	(A,78,126)	RS1/16S105J
R 1252	(A,98,120)	RS1/16S105J
R 1253	(A,102,124)	RS1/16S0R0J
R 1254	(A,78,133)	RS1/16S105J
R 1255	(A,62,127)	RS1/16S750J
R 1256	(A,97,130)	RS1/16S750J
R 1257	(A,113,128)	RS1/16S750J
R 1271	(A,55,100)	RS1/16S102J
R 1272	(A,55,107)	RS1/16S102J
R 1273	(A,57,102)	RS1/16S472J
R 1274	(A,55,98)	RS1/16S222J
R 1275	(A,55,109)	RS1/16S222J
R 1276	(A,52,98)	RS1/16S302J
R 1277	(A,53,109)	RS1/16S302J

Circuit Symbol and No.		Part No.
R 1278	(A,57,96)	RS1/16S821J
R 1279	(A,57,112)	RS1/16S821J
R 1280	(A,125,111)	RS1/16S102J
R 1281	(A,117,112)	RS1/16S102J
R 1282	(A,123,115)	RS1/16S472J
R 1283	(A,114,110)	RS1/16S222J
R 1284	(A,126,111)	RS1/16S222J
R 1285	(A,126,108)	RS1/16S302J
R 1286	(A,116,109)	RS1/16S302J
R 1287	(A,128,108)	RS1/16S821J
R 1288	(A,123,105)	RS1/16S821J
R 1301	(B,74,109)	RS1/16S104J
R 1302	(B,67,109)	RS1/16S104J
R 1303	(B,52,115)	RS1/16S273J
R 1304	(B,128,108)	RS1/16S0R0J
R 1307	(A,21,118)	RS1/16S103J
R 1308	(A,20,112)	RS1/16S103J
R 1311	(A,19,114)	RS1/16S105J
R 1312	(A,18,118)	RS1/16S105J
R 1313	(B,10,121)	RS1/16S3002D
R 1314	(B,14,119)	RS1/16S3301D
R 1321	(B,131,106)	RS1/16S104J
R 1322	(B,131,110)	RS1/16S104J
R 1323	(A,112,100)	RS1/16S103J
R 1324	(A,113,98)	RS1/16S473J
R 1325	(A,113,96)	RS1/16S473J
R 1326	(B,156,92)	RS1/16S681J
R 1327	(A,117,100)	RS1/16S473J
R 1328	(A,117,93)	RS1/16S0R0J
R 1329	(A,120,100)	RS1/16S103J
R 1330	(A,121,98)	RS1/16S473J
R 1331	(A,121,96)	RS1/16S473J
R 1332	(A,125,82)	RAB4C681J
R 1333	(A,126,93)	RAB4C681J
R 1334	(A,124,100)	RS1/16S473J
R 1335	(A,120,93)	RS1/16S0R0J
R 1336	(A,126,90)	RS1/16S473J
R 1337	(A,135,71)	RAB4C681J
R 1338	(A,140,105)	RS1/16S103J
R 1339	(A,141,105)	RS1/16S103J
R 1340	(A,139,71)	RAB4C681J
R 1341	(A,143,71)	RAB4C681J
R 1342	(A,133,104)	RS1/16S470J
R 1343	(A,133,102)	RS1/16S470J
R 1344	(B,156,80)	RS1/16S473J
R 1345	(A,150,78)	RS1/16S473J
R 1346	(A,148,78)	RS1/16S473J
R 1347	(B,146,94)	RS1/16S681J
R 1348	(B,158,83)	RS1/16S681J
R 1349	(A,151,95)	RAB4C681J
R 1350	(B,141,98)	RS1/16S681J
R 1351	(B,164,90)	RS1/16S681J
R 1352	(B,164,92)	RS1/16S681J
R 1353	(B,150,94)	RS1/16S681J
R 1354	(B,161,70)	RS1/16S681J
R 1355	(B,155,97)	RS1/16S681J
R 1356	(A,160,93)	RS1/16S681J
R 1358	(A,122,90)	RS1/16S473J
R 1359	(A,149,87)	RS1/16S0R0J
R 1361	(B,142,94)	RS1/16S472J

Circuit Symbol and No.		Part No.
R 1362	(B,140,94)	RS1/16S472J
R 1363	(B,139,94)	RS1/16S472J
R 1364	(B,134,95)	RS1/16S472J
R 1365	(A,152,78)	RS1/16S473J
R 1367	(B,131,82)	RS1/16S473J
R 1368	(B,134,93)	RS1/16S472J
R 1369	(B,134,91)	RS1/16S472J
R 1370	(B,136,89)	RS1/16S472J
R 1371	(A,125,79)	RS1/16S472J
R 1372	(B,139,79)	RS1/16S472J
R 1374	(A,127,84)	RS1/16S681J
R 1375	(B,53,68)	RS1/4S100J
R 1401	(A,160,46)	RS1/16S563J
R 1402	(A,151,29)	RS1/16S750J
R 1403	(A,147,29)	RS1/16S750J
R 1404	(A,141,29)	RS1/16S750J
R 1405	(A,157,20)	RS1/16S750J
R 1407	(A,142,27)	RS1/16S0R0J
R 1408	(A,146,27)	RS1/16S0R0J
R 1409	(A,150,27)	RS1/16S0R0J
R 1411	(A,145,61)	RS1/16S750J
R 1412	(A,146,61)	RS1/16S750J
R 1413	(A,149,60)	RS1/16S750J
R 1414	(A,150,60)	RS1/16S750J
R 1415	(A,158,60)	RS1/16S750J
R 1416	(A,159,60)	RS1/16S750J
R 1417	(A,162,44)	RS1/16S104J
R 1418	(A,162,46)	RS1/16S473J
R 1419	(A,169,59)	RS1/16S103J
R 1420	(A,160,49)	RS1/16S473J
R 1421	(B,165,61)	RS1/16S681J
R 1422	(A,169,62)	RS1/16S681J
R 1423	(A,169,61)	RS1/16S103J
R 1424	(A,166,48)	RS1/16S103J
R 1425	(B,163,61)	RS1/16S681J
R 1426	(B,170,47)	RS1/16S203J
R 1427	(B,168,21)	RS1/16S224J
R 1428	(B,167,16)	RS1/16S224J
R 1429	(B,149,39)	RS1/16S103J
R 1430	(A,155,27)	RS1/16S101J
R 1431	(A,157,27)	RS1/16S101J
R 1432	(B,159,24)	RS1/16S224J
R 1433	(A,167,48)	RS1/16S103J
R 1434	(B,161,61)	RS1/16S681J
R 1435	(B,153,39)	RS1/16S103J
R 1501	(B,143,134)	RS1/16S103J
R 1502	(B,130,138)	RS1/16S103J
R 1503	(B,126,138)	RS1/16S102J
R 1504	(B,126,131)	RS1/16S103J
R 1505	(A,145,131)	RS1/10S0R0J
R 1506	(A,143,131)	RS1/10S0R0J
R 1507	(A,141,131)	RS1/10S0R0J
R 1508	(A,132,131)	RS1/4S0R0J
R 1510	(B,156,135)	RS1/16S102J
R 1513	(B,169,44)	RS1/16S472J
R 1514	(B,166,47)	RS1/16S472J
R 1515	(B,167,43)	RS1/16S103J
R 1601	(A,50,133)	RS1/10S0R0J
R 1602	(A,53,133)	RS1/10S0R0J
R 1603	(A,55,133)	RS1/10S0R0J
R 1604	(A,49,129)	RS1/16S0R0J
R 1621	(A,102,19)	RS1/16S0R0J
R 1626	(A,98,23)	RS1/16S0R0J
R 1627	(A,57,23)	RS1/16S0R0J
R 1632	(A,70,23)	RS1/16S0R0J

CAPACITORS

C 1001	(A,9,23)	CEHAT102M16(P35)
C 1003	(B,11,25)	CKSRYF104Z25
C 1005	(B,20,19)	CKSRYF104Z50
C 1006	(B,122,75)	CKSRYB104K16
C 1007	(B,100,75)	CKSRYF104Z25
C 1008	(A,98,68) 100 uF/16 V	CCH1565
C 1009	(A,82,73)	CKSRYB104K16
C 1010	(A,81,64)	CKSRYF104Z25
C 1011	(A,83,53) 2 200 uF/16 V	CCH1447(P35)
C 1012	(B,80,62)	CKSRYF104Z25
C 1051	(A,29,51)	CKSRYF104Z50
C 1052	(A,32,72)	CKSQYB104K16
C 1053	(A,38,71) 220 uF/25 V	CCH1356(P35)
C 1054	(A,32,74)	CKSRYF104Z25
C 1055	(B,31,141)	CKSQYF105Z25
C 1056	(A,47,62) 2 200 uF/16 V	CCH1447(P35)
C 1057	(A,49,72)	CKSRYB103K50
C 1058	(B,48,68)	CKSRYB104K25
C 1059	(A,60,63) 10 uF	CCG1223
C 1060	(A,60,60) 10 uF	CCG1223
C 1061	(A,66,61)	CKSYB475K16
C 1062	(A,61,55)	CKSQYB225K16
C 1063	(A,61,52)	CKSRYB104K16
C 1064	(A,63,47)	CKSRYB474K16
C 1066	(A,65,43)	CKSRYB223K50
C 1067	(A,70,46) 220 uF/25 V	CCH1356(P35)
C 1068	(A,72,55) 10 uF	CCG1223
C 1069	(A,72,52) 10 uF	CCG1223
C 1070	(A,71,82)	CEVW220M16
C 1071	(A,67,82)	CKSQYF334Z25
C 1072	(A,45,84)	CKSRYB104K25
C 1073	(A,50,82)	CEVQW101M10
C 1074	(A,56,48)	CKSRYB105K16
C 1101	(B,13,62)	CKSQYF334Z25
C 1103	(A,24,68)	CEVW220M16
C 1104	(A,24,64)	CCSRCH102J50
C 1105	(A,25,76)	CEVW220M16
C 1106	(A,20,74)	CKSQYF334Z25
C 1107	(A,22,80)	CKSRYB104K25
C 1108	(A,23,84)	CEVQW101M10
C 1109	(A,24,57) 470 uF/16 V	CCH1731
C 1110	(B,12,81)	CKSRYB103K50
C 1112	(A,15,95)	CEVW101M16
C 1113	(A,39,107) 2 200 uF/16 V	CCH1447(P35)
C 1114	(A,25,93)	CCSRCH102J50
C 1121	(B,17,76)	CKSQYB474K25
C 1123	(A,14,82)	CKSRYB104K25
C 1131	(B,113,18)	CCSRCH221J50
C 1132	(B,129,10)	CCSRCH221J50
C 1133	(B,116,18)	CCSRCH221J50
C 1134	(B,127,15)	CCSRCH221J50
C 1135	(B,123,17)	CCSRCH471J50

Circuit Symbol and No.		Part No.
C 1136	(B,118,18)	CCSRCH471J50
C 1137	(A,121,16)	CCSRCH471J50
C 1138	(B,120,18)	CCSRCH471J50
C 1139	(A,129,23)	CKSYB106K6R3
C 1140	(A,120,21)	CKSYB106K6R3
C 1141	(A,111,18)	CKSYB106K6R3
C 1142	(A,124,19)	CKSYB106K6R3
C 1143	(A,120,30)	CCSRCH820J50
C 1144	(B,115,27)	CCSRCH820J50
C 1145	(A,131,31)	CCSRCH820J50
C 1146	(B,126,30)	CCSRCH820J50
C 1147	(A,116,38)	CKSRYB104K25
C 1148	(A,126,42)	CKSRYB104K25
C 1149	(A,117,34)	CEVW100M16
C 1150	(A,128,37)	CEVW100M16
C 1151	(A,112,28)	CKSRYB104K25
C 1152	(A,124,30)	CKSRYB104K25
C 1153	(A,113,45)	CEVW220M16
C 1154	(A,121,41)	CEVW220M16
C 1155	(A,113,21)	CKSRYB104K25
C 1156	(A,125,23)	CKSRYB104K25
C 1171	(B,72,13)	CCSRCH221J50
C 1172	(B,80,16)	CCSRCH221J50
C 1173	(B,69,5)	CCSRCH221J50
C 1174	(B,79,8)	CCSRCH221J50
C 1175	(B,83,11)	CCSRCH471J50
C 1176	(B,65,8)	CCSRCH471J50
C 1177	(B,63,8)	CCSRCH471J50
C 1178	(B,85,11)	CCSRCH471J50
C 1179	(A,79,17)	CKSYB106K6R3
C 1180	(A,72,20)	CKSYB106K6R3
C 1181	(A,90,17)	CKSYB106K6R3
C 1182	(A,87,21)	CKSYB106K6R3
C 1183	(A,87,25)	CCSRCH820J50
C 1184	(B,81,26)	CCSRCH820J50
C 1185	(A,98,28)	CCSRCH820J50
C 1186	(B,91,26)	CCSRCH820J50
C 1187	(B,82,32)	CKSRYB104K25
C 1188	(A,75,18)	CKSRYB104K25
C 1189	(B,90,34)	CKSRYB104K25
C 1190	(A,82,31)	CEVW100M16
C 1191	(A,93,33)	CEVW100M16
C 1192	(A,81,24)	CKSRYB104K25
C 1193	(A,90,26)	CKSRYB104K25
C 1194	(A,83,36)	CEVW220M16
C 1195	(A,93,39)	CEVW220M16
C 1196	(A,91,20)	CKSRYB104K25
C 1211	(B,85,89)	CKSQYB105K16
C 1212	(B,88,89)	CKSQYB105K16
C 1213	(A,89,95)	CKSQYB105K16
C 1214	(A,83,95)	CKSQYB105K16
C 1215	(A,93,93)	CKSQYB105K16
C 1216	(A,96,95)	CKSQYB105K16
C 1217	(A,98,98)	CKSQYB105K16
C 1218	(A,101,95)	CKSQYB105K16
C 1219	(A,104,95)	CKSQYB105K16
C 1220	(A,79,109)	CKSRYF104Z25
C 1221	(A,76,107)	CEVW220M16
C 1222	(A,76,114)	CEVW100M16
C 1241	(A,78,119)	CEVW100M16

Circuit Symbol and No.		Part No.
C 1242	(A,78,122)	CKSRYF104Z25
C 1243	(A,81,123)	CCSRCH4R0C50
C 1244	(A,90,116)	CCSRCH180J50
C 1245	(A,79,129)	CKSQYB106K6R3
C 1246	(A,69,122)	CEVW101M16
C 1247	(A,76,125)	CKSRYB103K50
C 1248	(A,95,122)	CKSQYB106K6R3
C 1249	(A,80,134)	CKSQYB106K6R3
C 1250	(A,103,113)	CEVW101M16
C 1251	(A,101,118)	CKSRYB103K50
C 1252	(A,72,137)	CEVW220M16
C 1253	(A,68,129)	CEVW101M16
C 1254	(A,93,127)	CEVW101M16
C 1255	(A,92,134)	CEVW220M16
C 1256	(A,107,131)	CEVW220M16
C 1257	(A,107,124)	CEVW101M16
C 1271	(A,51,103)	CKSRYF104Z25
C 1272	(B,55,108)	CKSRYB222K50
C 1273	(A,48,99)	CEVW100M16
C 1274	(B,55,103)	CKSRYB222K50
C 1275	(A,60,102)	CKSRYB103K50
C 1276	(A,56,105)	CKSRYF104Z25
C 1277	(A,52,100)	CCSRCH101J50
C 1278	(A,53,107)	CCSRCH101J50
C 1279	(A,53,96) 10 uF	CCG1182
C 1280	(A,53,111) 10 uF	CCG1182
C 1281	(B,123,110)	CKSRYB222K50
C 1282	(A,120,107)	CKSRYF104Z25
C 1283	(B,123,108)	CKSRYB222K50
C 1284	(A,111,113)	CEVW100M16
C 1285	(A,121,120)	CKSRYB103K50
C 1286	(A,121,112)	CKSRYF104Z25
C 1287	(A,125,108)	CCSRCH101J50
C 1288	(A,117,109)	CCSRCH101J50
C 1289	(A,126,106) 10 uF	CCG1182
C 1290	(A,119,105) 10 uF	CCG1182
C 1301	(A,53,122)	CKSRYB474K16
C 1302	(A,54,113)	CKSRYB474K16
C 1303	(B,58,112)	CKSQYB105K16
C 1304	(B,54,117)	CKSQYB105K16
C 1305	(A,44,118)	CEVW220M16
C 1306	(A,48,117)	CKSRYF104Z50
C 1307	(A,57,118)	CEVW100M16
C 1308	(B,54,120)	CKSQYB105K16
C 1311	(A,22,116)	CKSRYB104K16
C 1312	(A,21,109)	CKSRYB104K16
C 1315	(A,17,120)	CKSRYB105K10
C 1316	(A,11,123)	CEVW101M16
C 1317	(B,18,119)	CKSRYB104K50
C 1318	(B,12,124)	CKSRYF104Z25
C 1319	(A,11,115)	CEVW101M16
C 1320	(A,18,112)	CKSRYB105K10
C 1321	(A,131,72)	CKSRYB104K16
C 1322	(A,133,74)	CKSRYF104Z25
C 1323	(A,138,102)	CKSRYF104Z25
C 1324	(A,150,92)	CKSRYB105K10
C 1325	(B,142,85)	CKSRYB103K16
C 1326	(B,143,89)	CKSRYB104K16
C 1327	(A,152,102)	CEVW100M16
C 1328	(A,157,100)	CKSRYF104Z50

Circuit Symbol and No.			Part No.
C 1329	(A,138,105)		CKSRYB104K16
C 1331	(A,155,88)		CCSRCH180J50
C 1332	(A,155,85)		CCSRCH180J50
C 1333	(A,150,68)		CKSRYF104Z25
C 1334	(B,12,112)		CKSRYF104Z25
C 1335	(B,18,107)		CKSRYB104K50
C 1401	(A,159,24)	10 uF	CCG1171
C 1402	(A,155,23)	10 uF	CCG1171
C 1403	(A,155,34)		CKSRYB104K25
C 1404	(A,143,32)	10 uF	CCG1171
C 1405	(A,146,32)		CKSQYB105K16
C 1406	(A,150,32)		CKSQYB105K16
C 1407	(B,148,41)		CKSRYB104K50
C 1408	(B,143,42)		CKSRYB104K50
C 1409	(B,143,44)		CKSRYB104K50
C 1410	(B,147,45)		CKSRYB104K50
C 1411	(A,135,42)		CEVW330M16
C 1412	(A,133,55)		CEVW331M6R3
C 1413	(A,139,55)	22 uF	CCG1178
C 1414	(A,148,55)	22 uF	CCG1178
C 1415	(A,144,54)		CEVW101M16
C 1416	(A,158,55)	22 uF	CCG1178
C 1417	(A,153,55)		CEVW101M16
C 1418	(A,156,41)		CEVW330M16
C 1419	(B,168,51)		CKSRYB104K16
C 1420	(A,164,49)		CKSRYB104K16
C 1421	(B,150,13)		CCSRCH221J50
C 1422	(B,153,16)		CCSRCH221J50
C 1423	(B,156,7)		CCSRCH221J50
C 1424	(B,124,19)		CCSRCH471J50
C 1425	(A,168,24)		CEVW220M16
C 1426	(A,141,32)		CKSRYB474K16
C 1501	(B,154,120)		CKSRYB104K16
C 1603	(A,20,127)		CKSRYB102K50
C 1604	(A,24,127)		CKSRYB102K50
C 1605	(B,42,129)		CKSRYB102K50
C 1606	(B,40,126)		CKSRYB102K50
C 1607	(B,45,136)		CKSRYB104K10
C 1608	(B,45,126)		CKSRYB104K10
C 1609	(A,29,132)	10 uF	CCG1223
C 1610	(A,34,136)	10 uF	CCG1223

Key Sensor Unit
Consists of
Relay PCB
Key PCB
Sensor PCB

B C D

Unit Number : CWN3417
Unit Name : Key Sensor Unit

MISCELLANEOUS

IC 3103	(A,8,6)	IC	BA4558RFVM
D 2001	(A,18,67)	Diode	1SS355
D 2002	(A,18,69)	Diode	1SS355
D 2003	(A,39,15)	Diode	MA143
D 2004	(A,35,40)	Diode	UMZ6R8N
D 2005	(A,42,15)	Diode	MA143
D 2006	(A,40,39)	Diode	UMZ6R8N
D 2007	(A,37,15)	Diode	MA143
D 2008	(A,35,42)	Diode	UMZ6R8N
D 2009	(A,40,42)	Diode	UMZ6R8N
D 3001	(A,82,7)	LED	NHSW046-5779
D 3002	(A,62,7)	LED	NHSW046-5779
D 3003	(A,42,7)	LED	NHSW046-5779
D 3004	(A,22,7)	LED	NHSW046-5779
D 3101	(A,8,13)	Photo Diode	AM-30-28
L 3101	(B,9,27)	Inductor	LCTC100K2125
L 3102	(B,8,8)	Inductor	LCTC100K2125
S 3001	(A,82,10)	Push Switch(WIDE)	CSG1111
S 3002	(A,62,10)	Push Switch(VOL+)	CSG1111
S 3003	(A,43,10)	Push Switch(VOL-)	CSG1111
S 3004	(A,23,10)	Push Switch(SOURCE)	CSG1111
FU2001	(A,21,60)	Poly Switch	MINISMDC075F/24
Y 3001	(A,8,25)	Photo Link Module	RPMS2401-H19

RESISTORS

R 2001	(A,27,67)		RS1/10S750J
R 2002	(A,23,56)		RS1/10S750J
R 2003	(A,24,61)		RS1/16S102J
R 2004	(A,27,65)		RS1/16S102J
R 2005	(A,38,31)		RS1/16S0R0J
R 2006	(A,40,30)		RS1/16S0R0J
R 2007	(A,33,18)		RS1/10S1R2J
R 3001	(A,72,11)		RS1/16S302J
R 3002	(A,48,10)		RS1/16S512J
R 3003	(A,32,11)		RS1/16S103J
R 3006	(A,94,10)		RS1/10S681J
R 3007	(A,99,7)		RS1/10S471J
R 3008	(A,90,10)		RS1/10S681J
R 3009	(A,99,9)		RS1/10S471J
R 3101	(B,6,27)		RS1/16SS470J
R 3102	(A,5,22)		RS1/16SS470J
R 3103	(A,10,8)		RS1/16SS105J
R 3104	(A,6,12)		RS1/16S565J
R 3105	(A,6,9)		RS1/16S395J
R 3106	(B,7,8)		RS1/16SS393J
R 3107	(B,4,9)		RS1/16SS183J

CAPACITORS

C 2001	(A,30,60)		CEVW101M16
C 2002	(A,34,68)		CEVW101M16
C 2003	(A,33,30)	10 uF	CCG1236
C 3101	(B,7,27)		CKSSYF104Z16
C 3102	(A,6,21)		CKSRYB105K10
C 3103	(A,4,22)		CKSSYF104Z16
C 3104	(A,4,9)		CKSRYB823K16
C 3105	(A,6,15)		CKSSYB104K10
C 3106	(A,4,14)		CKSSYB104K10
C 3107	(A,10,5)		CKSSYB104K10
C 3108	(B,5,9)		CKSSYB104K10

E

Unit Number : CXX2387
Unit Name : Service Unit(Video PCB)

MISCELLANEOUS

Circuit Symbol and No.		Part No.
IC 101	A/D CONVERTER	AD9883ABSTZ-110
IC 201	IC	TC90200AFG
IC 202	IC	THC63LVDM83CMF
IC 301		LM25576MH
IC 302	IC	BD15KA5WF
IC 303	IC	BD25KA5WF
IC 801	LED	BD8118FM
IC 9001	IC	TC74LCX541FTS1
*IC9002	IC	
IC 9003	EEPROM	S-24CS04AFJ-TBH
*IC9004	IC	
IC 9005	IC	TC74VHCT541AFT
IC 9006	IC	BD5240G
Q 105	Transistor	2SA1577Q
Q 107	FET	RK7002
Q 108	FET	RK7002
Q 109	Chip Transistor	2SA1576A
Q 302	Chip Transistor	2SA1576A
Q 307	Chip Transistor	2SA1576A
Q 804	Chip Transistor	RSS050P03
Q 805	FET	SP8K22
D 101	Diode	1SS355
D 102	Diode	1SS355
D 103	Diode	1SS355
D 104	Diode	1SS355
D 105	Diode	1SS355
D 301	Diode	1SS355
D 302	Diode	1SS355
D 303	Diode	RB050LA-40
D 304	Diode	1SS355
D 305	Diode	DAN217U
D 306	Diode	DAN217U
D 307	Diode	DAN217U
D 308	Diode	DAN217U
D 309	Diode	DAN217U
D 802	Diode	1SS355
D 803	Diode	RB160L-60
D 805	Diode	RB160L-60
*L 308	Inductor	
*L 309	Inductor	
*L 802	Inductor	
*L 803	Inductor	
*L 805	Inductor	
*X 201	Oscillator	
X 9001	Ceramic Resonator 16.000 MHz	CSS1616
⚠F301	Fuse 1.25 A	CEK1255
⚠F801	Fuse 1.6 A	CEK1256
FB102	Inductor	CTF1392
FB103	Inductor	CTF1392
FB207	Inductor	CTF1392
FB208	Inductor	CTF1392
FB210	Inductor	CTF1392
FB211	Inductor	CTF1392
FB212	Inductor	CTF1383
FB213		RS1/10SR0R0J
FB303	Inductor	CTF1392
FB304	Inductor	CTF1392
FB306	Inductor	CTF1392
FB307	Inductor	CTF1392
FB310	Inductor	CTF1392
FB311	Inductor	CTF1392
FB312	Inductor	CTF1392
FB313	Inductor	CTF1392
FB314	Inductor	CTF1392
ZD303	Diode	UDZS6R2
ZD304	Diode	UDZS6R2
ZD101	Diode	UDZS6R8
ZD102	Diode	UDZS6R8
ZD103	Diode	UDZS6R8
ZD801	Diode	UDZS7R5
TR101	Chip Transistor	2SC4081
TR102	Chip Transistor	2SC4081
TR103	Chip Transistor	2SC4081
TR104	Chip Transistor	2SC4081
TR311	Chip Transistor	2SC4081
ZD302	Diode	UDZS6R2
TR110	Chip Transistor	2SC4081
TR305	Chip Transistor	2SC4081
TR111	Chip Transistor	2SC4081
TR112	Chip Transistor	2SC4081
TR201	Chip Transistor	2SC4081
ZD306	Diode	PTZ5R1
TR301	Chip Transistor	2SC4081
TR303	Chip Transistor	2SC4081
TR304	Chip Transistor	2SC4081
TR306	Chip Transistor	2SC4081
TR309	Chip Transistor	2SC4081
TR310	Chip Transistor	2SC4081
TR106	Chip Transistor	2SC4081
ZD307	Diode	UDZS3R9
TR308	Chip Transistor	2SC4081
ZD305	Diode	UDZS5R1
ZD9003	Diode	UDZS5R6
ZD9001	Diode	UDZS5R6
ZD9002	Diode	UDZS5R6
*LM201	Resistor Array	
*LM202	Resistor Array	
*LM203	Resistor Array	
*LM204	Resistor Array	
*LM205	Resistor Array	
*LM206	Resistor Array	
*RM201	Resistor Array	
*RM202	Resistor Array	
*RM203	Resistor Array	
*RM204	Resistor Array	
*RM205	Resistor Array	
*RM206	Resistor Array	
*F 212	Filter	
*F 213	Filter	
*F 214	Filter	
*F 215	Filter	
*F 216	Filter	
*EF201	Filter	
*EF202	Filter	
*EF203	Filter	
*BZ9001	Buzzer	

RESISTORS

Circuit Symbol and No.	Part No.
R 101	RS1/8SQ151J
R 102	RS1/8SQ151J
R 103	RS1/16SS103J
R 104	RS1/16SS101J
R 105	RS1/16SS203J
R 106	RS1/16SS161J
R 107	RS1/16SS391J
R 108	RS1/8SQ151J
R 109	RS1/8SQ151J
R 110	RS1/16SS203J
R 111	RS1/16SS101J
R 112	RS1/16SS103J
R 113	RS1/16SS161J
R 114	RS1/16SS391J
R 115	RS1/16SS510J
R 116	RS1/8SQ151J
R 117	RS1/8SQ151J
R 118	RS1/16SS103J
R 119	RS1/16SS101J
R 120	RS1/16SS103J
R 121	RS1/16SS0R0J
R 122	RS1/16SS561J
R 123	RS1/16SS510J
R 124	RS1/8SQ151J
R 125	RS1/8SQ151J
R 126	RS1/16SS103J
R 127	RS1/16SS101J
R 128	RS1/16SS103J
R 129	RS1/16SS510J
R 130	RS1/16SS0R0J
R 131	RS1/16SS561J
R 132	RS1/16SS101J
R 133	RS1/16SS203J
R 134	RS1/16SS103J
R 135	RS1/16SS103J
R 136	RS1/16SS103J
R 137	RS1/16SS103J
R 138	RS1/16SS100J
R 140	RS1/16SS472J
R 141	RS1/16SS472J
R 142	RS1/16SS332J
R 143	RS1/16SS101J
R 144	RS1/16SS103J
R 145	RS1/16SS103J
R 146	RS1/16SS101J
R 147	RS1/16SS103J
R 148	RS1/16SS101J
R 149	RS1/16SS101J
R 150	RS1/16SS101J
R 151	RS1/10SR0R0J
R 152	RS1/10SR0R0J
R 153	RS1/10SR0R0J
R 154	RS1/10SR0R0J
R 155	RS1/10SR0R0J
R 156	RS1/16SS103J
R 157	RS1/16SS103J
R 158	RS1/16SS473J
R 160	RS1/16SS473J
R 161	RS1/16SS472J
R 163	RS1/16SS101J
R 166	RS1/16SS561J
R 167	RS1/8SQ100J
R 168	RS1/16SS101J
R 169	RS1/16SS561J
R 170	RS1/16SS103J
R 171	RS1/16SS203J
R 172	RS1/16SS103J
R 173	RS1/16SS203J
R 181	RS1/10SR0R0J
R 182	RS1/10SR0R0J
R 201	RS1/16SS103J
R 202	RS1/16SS103J
R 203	RS1/16SS103J
R 204	RS1/16SS103J
R 205	RS1/16SS102J
R 206	RS1/16SS102J
R 207	RS1/16SS102J
R 208	RS1/16SS102J
R 209	RS1/16SS221J
R 210	RS1/16SS103J
R 211	RS1/16SS103J
R 212	RS1/16SS101J
R 213	RS1/16SS102J
R 214	RS1/16SS102J
R 215	RS1/16SS103J
R 216	RS1/16SS101J
R 217	RS1/16SS101J
R 218	RS1/16SS750J
*R 219	Resistor
*R 220	Resistor
*R 221	Resistor
*R 222	Resistor
*R 223	Resistor
R 224	RS1/16SS103J
R 225	RS1/16SS103J
R 226	RS1/16SS103J
*R 227	Resistor
R 228	RS1/16SS103J
R 229	RS1/16SS103J
R 230	RS1/16SS103J
R 231	RS1/16SS103J
R 232	RS1/16SS101J
R 233	RS1/16SS103J
R 234	RS1/16SS103J
R 235	RS1/16SS101J
R 236	RS1/16SS101J
R 237	RS1/16SS103J
R 238	RS1/16SS103J
R 239	RS1/16SS183J
R 240	RS1/16SS183J
R 242	RS1/16SS103J
R 243	RS1/16SS100J
R 244	RS1/16SS101J
R 245	RS1/16SS101J
R 246	RS1/16SS100J
R 247	RS1/16SS152J
R 248	RS1/16SS105J
R 249	RS1/16SS330J

Circuit Symbol and No.	Part No.
R 250	RS1/16SS122J
R 251	RS1/16SS101J
R 252	RS1/16SS101J
R 253	RS1/16SS101J
R 255	RS1/16SS562J
R 256	RS1/16SS562J
R 258	RS1/16SS750J
R 260	RS1/16SS103J
R 262	RS1/16SS103J
R 266	RS1/16SS103J
R 281	RS1/10SR0R0J
R 282	RS1/10SR0R0J
R 283	RS1/10SR0R0J
R 284	RS1/10SR0R0J
R 301	RS1/10SR103J
R 302	RS1/10SR103J
R 303	RS1/10SR302J
R 304	RS1/10SR103J
R 305	RS1/10SR393J
R 306	RS1/10SR113J
R 307	RS1/10SR102J
R 308	RS1/10SR103J
R 311	RS1/10SR513J
R 312	RS1/10SR100J
R 313	RS1/10SR0R0J
R 314	RS1/10SR272J
R 315	RS1/10SR152J
R 316	RS1/10SR102J
R 317	RS1/10SR103J
R 318	RS1/10SR102J
R 319	RS1/10SR103J
R 320	RS1/10SR512J
R 321	RS1/10SR103J
R 328	RS1/10SR103J
R 329	RS1/10SR103J
R 330	RS1/10SR103J
R 331	RS1/10SR103J
R 333	RS1/10SR103J
R 334	RS1/10SR103J
R 335	RS1/10SR103J
R 336	RS1/10SR103J
R 337	RS1/10SR103J
R 339	RS1/10SR472J
R 340	RS1/10SR472J
R 342	RS1/10SR102J
R 343	RS1/10SR103J
R 352	RS1/10SR0R0J
R 353	RS1/10SR0R0J
R 355	RS1/10SR0R0J
R 804	RS1/16SS103J
R 805	RS1/16SS103J
R 807	RS1/16SS0R0J
R 808	RS1/16SS510J
R 812	RS1/16SS103J
R 813	RS1/16SS104J
R 814	RS1/10SR390J
R 815	RS1/10SR393J
R 816	RS1/10SR202J
R 817	RS1/16SS101J
*R 818 Resistor	

Circuit Symbol and No.	Part No.
R 819	RS1/10SR302J
R 820	RS1/16SS104J
R 821	RS1/16SS0R0J
R 822	RS1/16SS331J
R 823	RS1/16SS512J
R 824	RS1/16SS393J
R 825	RS1/16SS433J
R 826	RS1/16SS0R0J
R 828	RS1/8SQ0R0J
R 840	RS1/10SR0R0J
R 842	RS1/10SR0R0J
R 844	RS1/10SR0R0J
R 846	RS1/16SS0R0J
R 851	RS1/16SS103J
R 852	RS1/16SS0R0J
R 853	RS1/10SR0R0J
R 854	RS1/10SR302J
R 855	RS1/10SR302J
R 891	RS1/10SR0R0J
R 9001	RS1/16SS102J
R 9002	RS1/16SS102J
R 9003	RS1/16SS101J
R 9004	RS1/16SS101J
R 9005	RS1/16SS473J
R 9006	RS1/16SS473J
R 9007	RS1/16SS101J
R 9008	RS1/16SS473J
R 9010	RS1/16SS0R0J
R 9011	RS1/16SS472J
R 9012	RS1/16SS101J
R 9013	RS1/16SS123J
R 9014	RS1/16SS103J
R 9015	RS1/16SS101J
R 9016	RS1/16SS472J
R 9017	RS1/16SS101J
R 9018	RS1/16SS330J
R 9019	RS1/16SS105J
R 9020	RS1/16SS103J
R 9021	RS1/16SS101J
R 9022	RS1/16SS102J
R 9023	RS1/16SS101J
R 9025	RS1/16SS101J
R 9026	RS1/16SS101J
R 9027	RS1/16SS101J
R 9028	RS1/16SS103J
R 9030	RS1/16SS103J
R 9031	RS1/16SS101J
R 9032	RS1/16SS101J
R 9033	RS1/16SS101J
R 9034	RS1/16SS101J
R 9035	RS1/16SS101J
R 9036	RS1/16SS101J
R 9037	RS1/16SS101J
R 9038	RS1/16SS101J
R 9039	RS1/16SS472J
R 9040	RS1/16SS472J
R 9041	RS1/16SS472J
R 9042	RS1/16SS103J
R 9043	RS1/16SS103J
R 9047	RS1/16SS101J

Circuit Symbol and No.	Part No.
R 9049	RS1/16SS682J
R 9051	RS1/16SS202J
R 9052	RS1/16SS202J
R 9053	RS1/16SS101J
R 9054	RS1/16SS101J
R 9055	RS1/16SS101J
R 9056	RS1/16SS103J
R 9057	RS1/16SS101J
R 9058	RS1/16SS101J
R 9059	RS1/16SS101J
R 9060	RS1/16SS101J
R 9061	RS1/16SS101J
R 9062	RS1/16SS101J
R 9063	RS1/16SS101J
R 9064	RS1/16SS101J
R 9065	RS1/16SS101J
R 9066	RS1/16SS101J
R 9067	RS1/16SS473J
R 9068	RS1/16SS101J
R 9069	RS1/16SS101J
R 9070	RS1/16SS101J
R 9071	RS1/16SS221J
R 9072	RS1/16SS221J
R 9073	RS1/16SS221J
R 9074	RS1/16SS221J
R 9075	RS1/16SS221J
R 9076	RS1/16SS221J
R 9081	RS1/16SS103J

CAPACITORS

Circuit Symbol and No.		Part No.
*C 103	Capacitor	
*C 104	Capacitor	
C 105		CKSSYB104K10
*C 106	Capacitor	
*C 107	Capacitor	
*C 108	Capacitor	
*C 109	Capacitor	
C 110		CKSSYB104K10
*C 111	Capacitor	
*C 112	Capacitor	
*C 113	Capacitor	
C 114		CKSSYB104K10
*C 115	Capacitor	
C 116		CKSSYB104K10
C 117		CKSSYB102K50
C 118		CKSSYB102K50
C 119		CKSSYB104K10
C 120		CKSSYB102K50
C 121		CKSYB106K10
C 123		CKSSYB104K10
C 124		CKSSYB104K10
C 125		CKSSYB104K10
C 126		CKSSYB104K10
C 128		CKSSYB393K10
C 129		CKSSYB392K50
C 130		CKSSYB104K10
C 131		CKSSYB104K10
C 132		CKSSYB104K10
C 133		CKSQYB225K16
C 134		CKSSYB473K10
C 135		CKSSYB473K10
C 136		CKSSYB473K10
C 140		CKSSYB104K10
C 141		CKSSYB104K10
C 142		CKSSYB102K50
C 143		CKSSYB104K10
C 144		CKSSYB104K10
C 145		CKSSYB104K10
C 146		CKSSYB104K10
C 147		CKSSYB104K10
C 148		CKSSYB104K10
C 153		CKSSYB104K10
*C 154	Capacitor	
*C 155	Capacitor	
*C 156	Capacitor	
*C 157	Capacitor	
C 201		CKSSYB104K10
C 202		CKSSYB104K10
C 203		CKSSYB104K10
C 204		CKSQYB225K16
C 205		CKSSYB104K10
C 206		CKSSYB104K10
C 207		CKSSYB104K10
C 208		CKSSYB104K10
C 209		CKSSYB221K50
C 210		CKSSYB104K10
C 211		CKSSYB104K10
C 212		CKSQYB225K16
C 213		CKSSYB104K10
C 214		CKSSYB104K10
C 215		CKSSYB104K10
C 216		CKSSYB104K10
C 217		CKSSYB104K10
C 218		CKSSYB104K10
C 219		CKSSYB104K10
C 220		CKSQYB225K16
C 221		CKSSYB104K10
C 222		CKSQYB225K16
C 223		CKSSYB104K10
C 224		CKSSYB104K10
C 225		CKSSYB104K10
C 226		CKSSYB104K10
C 227		CKSSYB152K50
C 228		CKSSYB152K50
C 229		CKSSYB104K10
C 230		CKSSYB104K10
C 231		CKSSYB104K10
C 232		CKSSYB104K10
C 233		CKSSYB104K10
C 234		CKSSYB104K10
C 235		CKSSYB104K10
C 236		CKSSYB104K10
C 237		CKSSYB104K10
C 238		CKSSYB104K10
C 239		CKSSYB104K10
C 240		CKSSYB104K10
C 241		CKSSYB104K10
C 242		CKSSYB104K10
C 243		CKSSYB104K10

Circuit Symbol and No.		Part No.
C 244		CKSSYB104K10
C 245		CKSQYB104K16
C 246		CKSSYB221K50
C 247		CCSSCH151J50
C 248		CKSQYB225K16
C 249		CKSSYB104K10
C 250		CKSSYB104K10
C 251		CKSSYB104K10
C 252		CKSSYB104K10
C 253		CKSSYB104K10
C 254		CKSSYB104K10
C 255		CKSSYB104K10
C 256		CKSRYB474K16
C 257		CKSSYB104K10
C 258		CKSRYB474K16
C 259		CKSRYB474K16
C 260		CKSRYB474K16
C 261		CCSSCH4R0C50
C 262		CKSSYB104K10
C 263		CCSSCH8R0D50
C 264		CCSSCH8R0D50
*C 265	Capacitor	
C 266		CKSSYB104K10
C 267		CKSSYB104K10
*C 268	Capacitor	
*C 269	Capacitor	
C 270		CKSSYB104K10
C 271		CKSSYB104K10
C 272		CKSYB106K10
*C 274	Capacitor	
C 276		CKSSYB104K10
C 277		CCSSCH151J50
C 278		CCSSCH151J50
C 301	4.7 uF	CCG1222
C 302		CEHVAW330M25
C 303		CEHVAW330M25
C 304		CEHVAW330M25
C 305		CKSRYB474K16
C 306		CKSSYB103K25
C 307		CKSSYB331K50
C 308		CKSSYB331K50
C 309		CKSSYB104K10
C 310		CKSSYB104K10
C 311		CKSYB106K10
C 312		CKSSYB104K10
C 313		CKSSYB104K10
C 314		CKSSYB223K16
C 315		CKSRYB104K50
C 316		CKSSYB681K50
C 317		CKSSYB681K50
C 320		CKSYB106K10
C 325		CKSSYB104K10
C 326		CKSSYB104K10
C 327		CKSSYB104K10
C 328		CKSYB106K10
C 329		CKSSYB104K10
C 331		CKSYB106K10
C 332		CKSSYB104K10
C 333		CKSYB106K10
C 334		CKSSYB104K10

Circuit Symbol and No.		Part No.
*C 335	Capacitor	
C 336		CKSSYB104K10
*C 337	Capacitor	
C 338		CKSSYB104K10
C 339		CKSYB106K10
C 340		CKSSYB104K10
*C 341	Capacitor	
*C 342	Capacitor	
C 343		CKSSYB104K10
C 344		CKSYB106K10
C 345		CKSYB106K10
C 346		CKSYB106K10
C 347		CKSSYB104K10
C 348		CKSSYB104K10
C 349		CKSSYB104K10
C 350		CKSYB106K10
C 351		CKSSYB104K10
*C 352	Capacitor	
C 353		CKSSYB104K10
C 354		CKSYB106K10
C 356		CKSSYB104K10
*C 357	Capacitor	
C 358		CKSYB106K10
C 359		CKSYB106K10
C 360		CKSSYB104K10
C 361		CKSSYB104K10
C 362		CKSSYB104K10
C 363		CKSSYB104K10
C 364		CKSSYB104K10
C 365		CEHVAW330M25
C 366		CEHVAW330M25
C 367		CEHVAW330M25
C 802	4.7 uF	CCG1222
C 804		CKSSYB104K10
C 806		CKSSYB104K10
C 808		CKSQYB105K16
C 809		CKSSYB104K10
*C 810	Capacitor	
*C 811	Capacitor	
C 812		CKSSYB102K50
C 813	4.7 uF	CCG1222
C 814	4.7 uF	CCG1222
C 816		CEHVAW220M50
C 817		CEHVAW220M50
C 818		CEHVAW220M50
C 822		CEHVAW220M50
C 823		CEHVAW220M50
C 824		CEHVAW220M50
C 826		CEHVAW330M25
C 827		CEHVAW330M25
C 828		CEHVAW330M25
C 829		CEHVAW330M25
C 830	4.7 uF	CCG1222
C 831	4.7 uF	CCG1222
C 836		CEHVAW330M25
C 837		CEHVAW330M25
C 839	1 uF	CCG1255
C 840		CKSRYB103K50
C 841		CKSSYB102K50
C 842	1 uF	CCG1255

Circuit Symbol and No.	Part No.
C 843	CKSRYB103K50
C 844	CKSRYB102K50
C 9001	CKSSYB104K10
C 9002	CKSSYB102K50
C 9003	CKSSYB104K10
C 9004	CKSSYB104K10
C 9005	CKSYB106K10
C 9006	CKSSYB104K10
C 9007	CKSSYB103K25
C 9008	CKSSYB104K10
C 9009	CKSSYB104K10
C 9010	CCSSCH470J50
C 9011	CKSQYB225K16
C 9012	CKSSYB104K10
C 9013	CKSSYB104K10
C 9014	CKSSYB104K10
C 9015	CKSSYB104K10
C 9016	CKSSYB104K10
C 9017	CKSSYB104K10