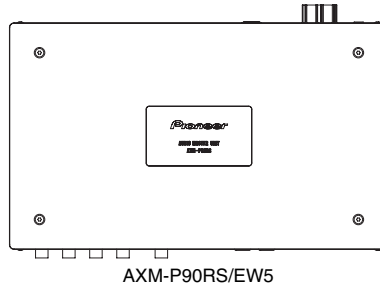


**Pioneer** *sound.vision.soul*

# Service Manual



ORDER NO.  
**CRT3945**

**AUDIO MASTER UNIT**

# AXM-P90RS /EW5



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

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# SAFETY INFORMATION

## CAUTION

A

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.

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## [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.

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# 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.

## 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 °C. Therefore, for lead-free soldering, the tip temperature of a soldering iron must be set to around 373 °C 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.

1

2

3

4

## 2. SPECIFICATIONS

### 2.1 SPECIFICATIONS

A

#### General

Power source ..... 14.4 V DC (10.8 V to 15.1 V allowable)

Grounding system ..... Negative type

Max. current consumption

..... 1.0 A

Backup current ..... 3.0 mA or less

Display unit:

Dimensions (W × H × D)

..... 165 × 44 × 16.4 mm

Weight ..... 0.13 kg

Hideaway unit:

Dimensions (W × H × D)

..... 252 × 40 × 152 mm

Weight ..... 1.5 kg

B

#### Audio

Input

Analogue

Line ..... 1.5 V

Speaker (AUX1, AUX2)

..... 10 V

Digital

LPCM ..... 44.1 kHz to 96 kHz

Output

Digital

LPCM ..... 44.1 kHz

C

#### Note

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

#### ● CONTROLABLE MODELS

This unit can control following Pioneer Audio Processors.

- RS-A9
- RS-P90
- DEQ-P9
- DEQ-P90

D

E

F

6

1

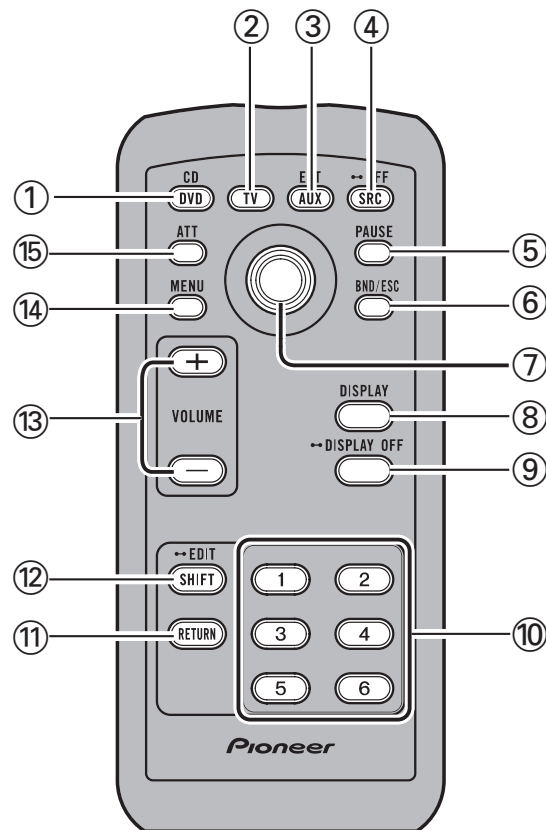
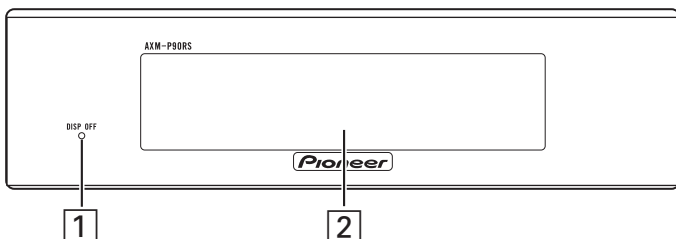
2

3

4

AXM-P90RS/EW5

## 2.2 PANEL FACILITIES



### Display unit

#### 1 Display off indicator

Lights up when the display indication is turned off.

#### 2 Information display

Display information for each connected source and its settings.

### Card remote control

#### 1 CD/DVD button

Press to select a iPod (iPod), Multi CD (CD player) or DVD (DVD player) source .

#### 2 TV button

Press to select a TV (TV) source.

#### 3 AUX/EXT button

Press to select an AUX (AUX) or External (external) source.

#### 4 SOURCE button

Press to cycle through all the available sources. Press and hold to turn the source off.

#### 5 PAUSE button

Press to turn pause on or off.

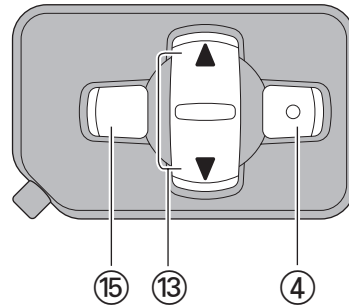
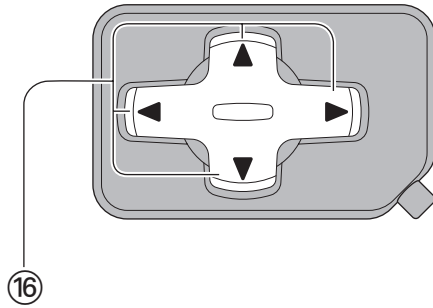
#### 6 BAND button

Press to select among two TV bands and to cancel the control mode of functions.

#### 7 Thumb pad

Move to perform manual seek tuning, fast forward, reverse and track search controls. Also used for controlling functions.

Click and hold to change between normal playback display and menu setting display.



#### ⑧ DISPLAY button

Press to display different information on the selected channel. Press and hold to switch the scroll setting.

#### ⑨ DISPLAY OFF button

Press and hold to turn the display indication off or on to reduce noise.

#### ⑩ FUNC 1 to FUNC 6 buttons

Press to select and control functions.

#### ⑪ RETURN button

Press to change to the menu setting display from the detail setting display.

#### ⑫ SHIFT button

Press to change to the detail setting display from the menu setting display.

#### ⑬ VOLUME buttons

Press to increase or decrease the volume.

#### ⑭ MENU button

Press to cycle through audio menus; Main (main menu), Equalizer (equalizer menu) or Network (network menu).

#### ⑮ ATT button

Press to quickly lower the volume level by about 90%. Press once more to return to the original volume level.

### Steering remote control

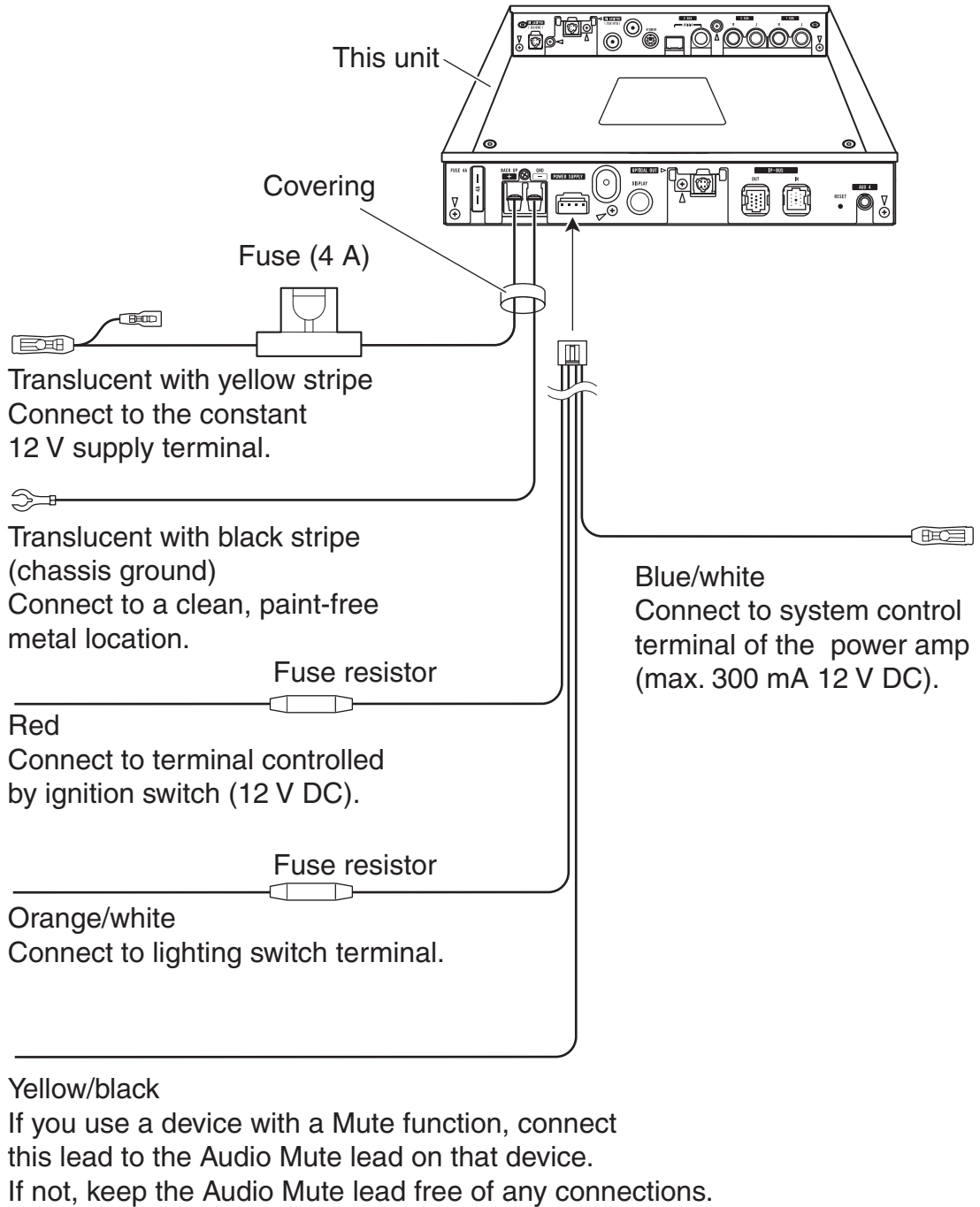
#### ⑯ ▲/▼/◀/▶ buttons

Press to perform manual seek tuning, fast forward, reverse and track search controls. Also used for controlling functions.



## 2.3 CONNECTION DIAGRAM

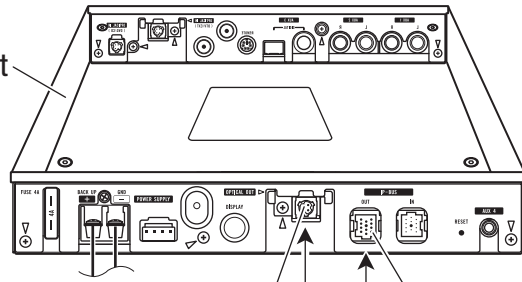
### ● Connecting the power cable



● Connecting the audio processor

A

This unit



B

Blue

Black

Black



Audio processor (e.g. DEQ-P90) (sold separately)

C

Tweeter

Power amplifier (e.g. PRS-A700) (sold separately) Mid-range

D

RCA cable (sold separately)

Power amplifier (e.g. PRS-A500) (sold separately) Low-range

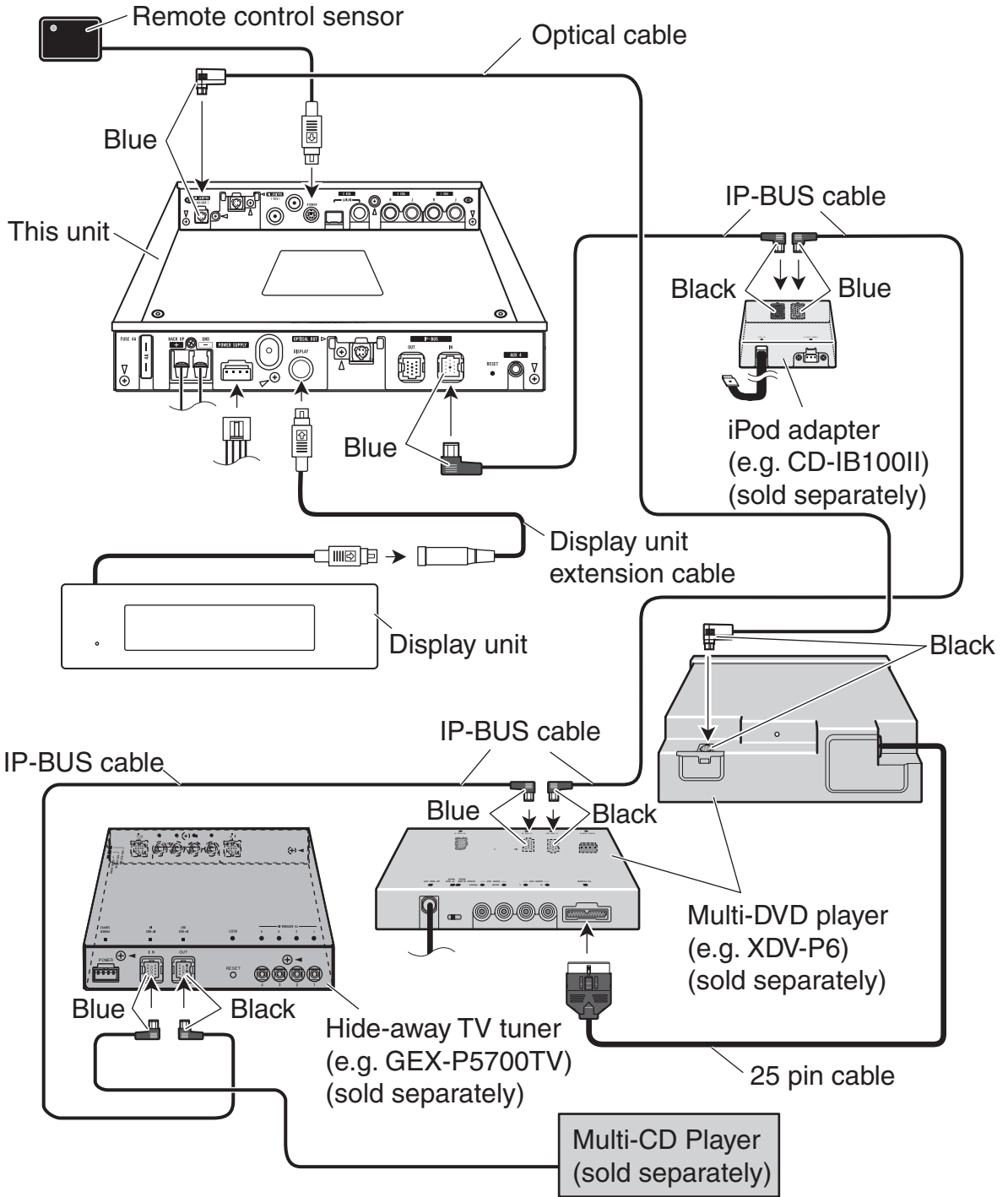
E

RCA cable (sold separately)

Power amplifier (e.g. PRS-A500) (sold separately) Subwoofer

F

● Connecting the Pioneer IP-BUS devices



● Connecting the AUX devices

A

AUX 4 unit  
(mini-plug-equipped unit)  
(sold separately)

IP-BUS-RCA interconnector  
(CD-RB10/CD-RB20) (sold separately)

RCA cable  
(sold separately)

B

mini plug (3.5 mm) cable  
(sold separately)

Blue

AUX 5 unit  
(RCA-output-equipped unit)  
(sold separately)

C

RCA cable  
(sold separately)

TOSLINK digital cable  
(sold separately)

D

COAXIAL (75 Ω) digital cable  
(sold separately)

AUX 2 unit  
(RCA-output-equipped unit)  
(sold separately)

AUX 1 unit  
(RCA-output-equipped unit)  
(sold separately)

AUX 3 unit  
(optical-output-equipped unit)  
(sold separately)

E

\* Select COAX-input or TOSLINK-input depending on the connected device's digital output.

F

# 3. BASIC ITEMS FOR SERVICE

## 3.1 CHECK POINTS AFTER SERVICING

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

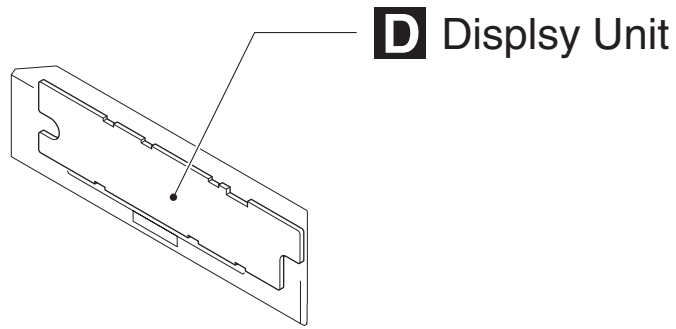
NO	Procedures	Item to be confirmed	Remark
1	Confirm whether the customer complain has been solved.	The customer complain must not be reappeared.	
2	Check the output sound.	Audio and operations must be normal.	
3	Appearance check	No scratches or dirt on its appearance after receiving it for service.	

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

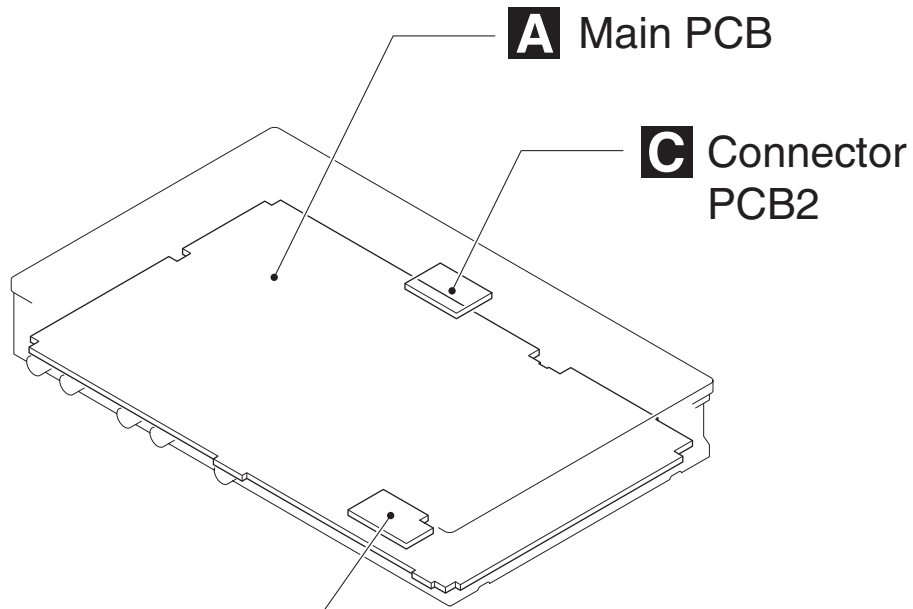
Item to be checked regarding audio
Distortion
Noise
Volume too low
Volume too high
Volume fluctuating
Sound interrupted

## 3.2 PCB LOCATIONS

A



B



C

D



Main Unit  
Consists of  
Main PCB  
Connector PCB1  
Connector PCB2

Unit Number : CWN2574  
Unit Name : Main Unit  
Unit Number : CWN2571  
Unit Name : Display Unit

E

F

A

B

C

D

E

F

# 4. BLOCK DIAGRAM

A

B

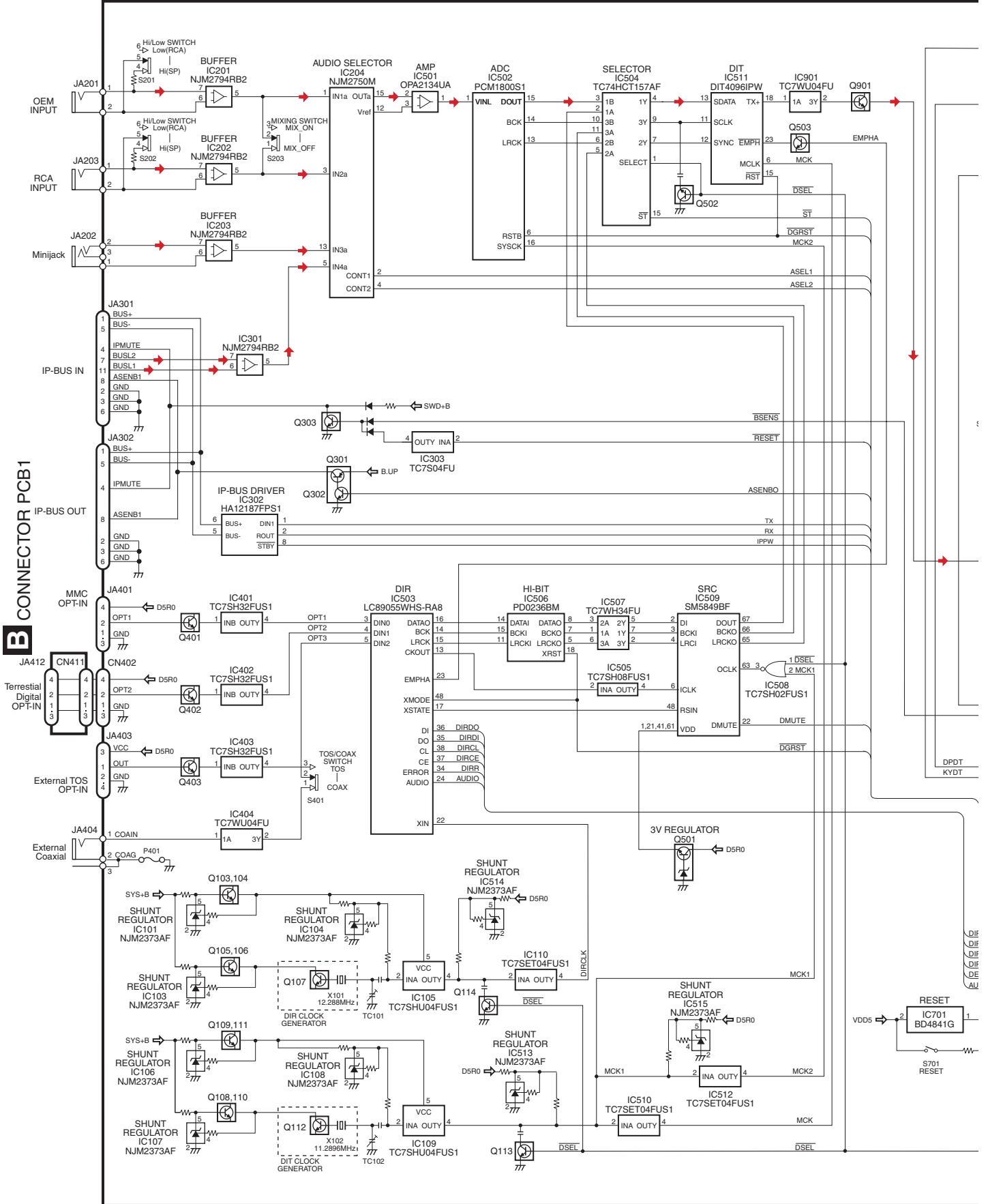
C

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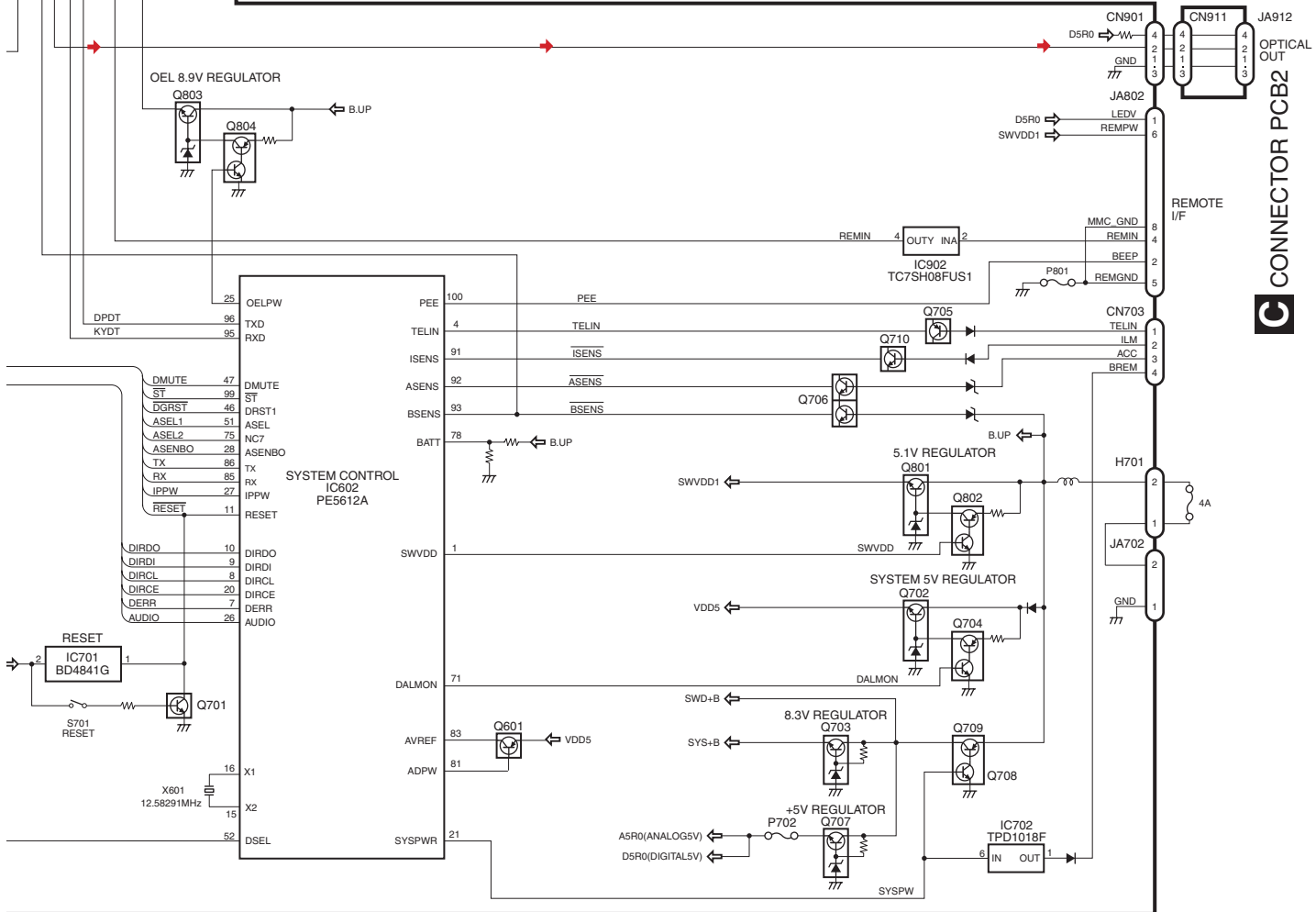
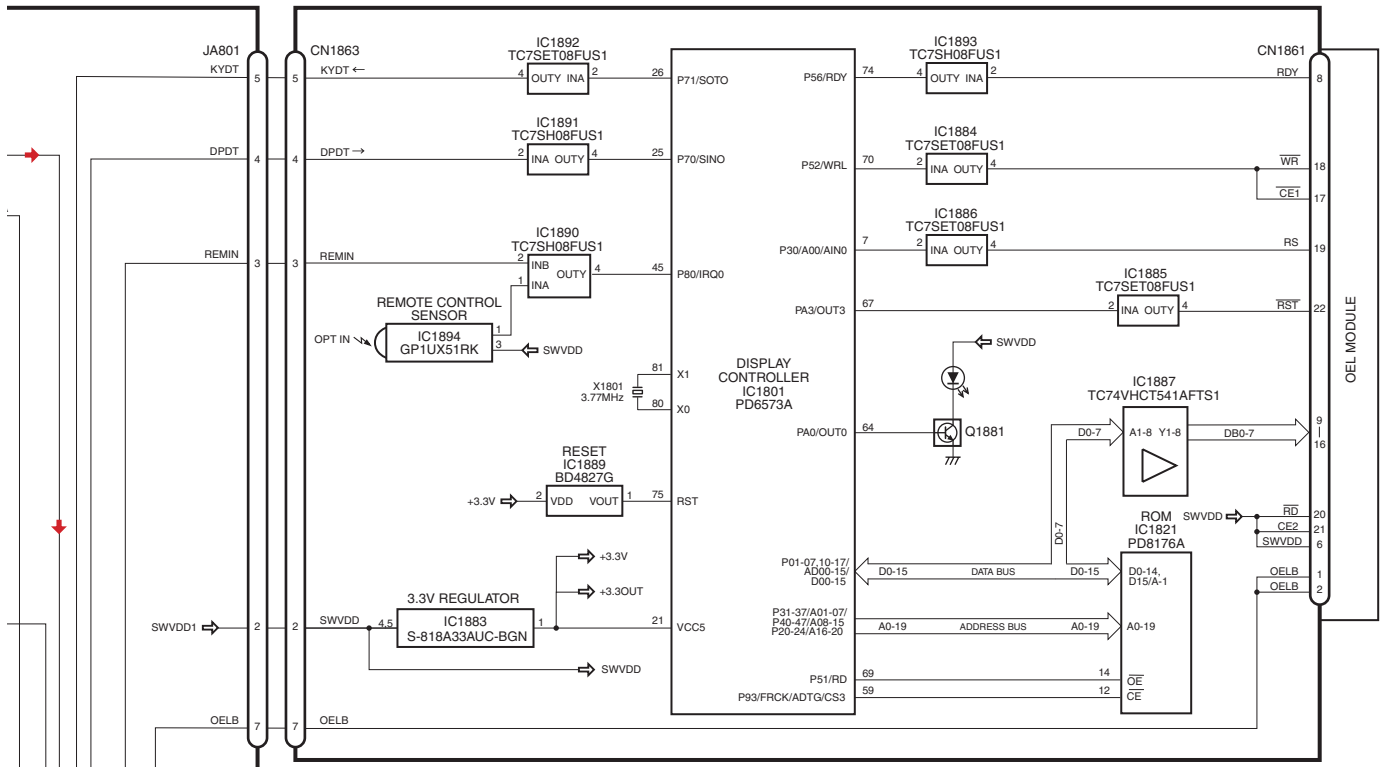
F

## A MAIN PCB



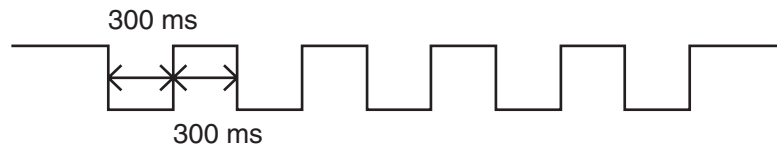
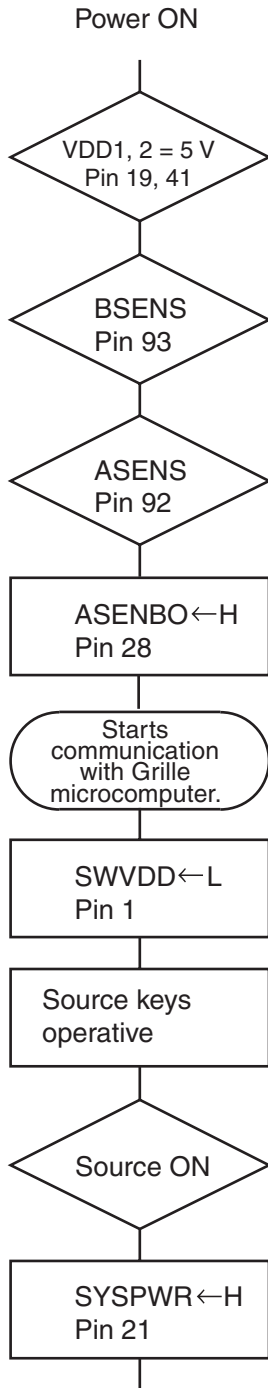


# D DISPLAY UNIT



# 5. DIAGNOSIS

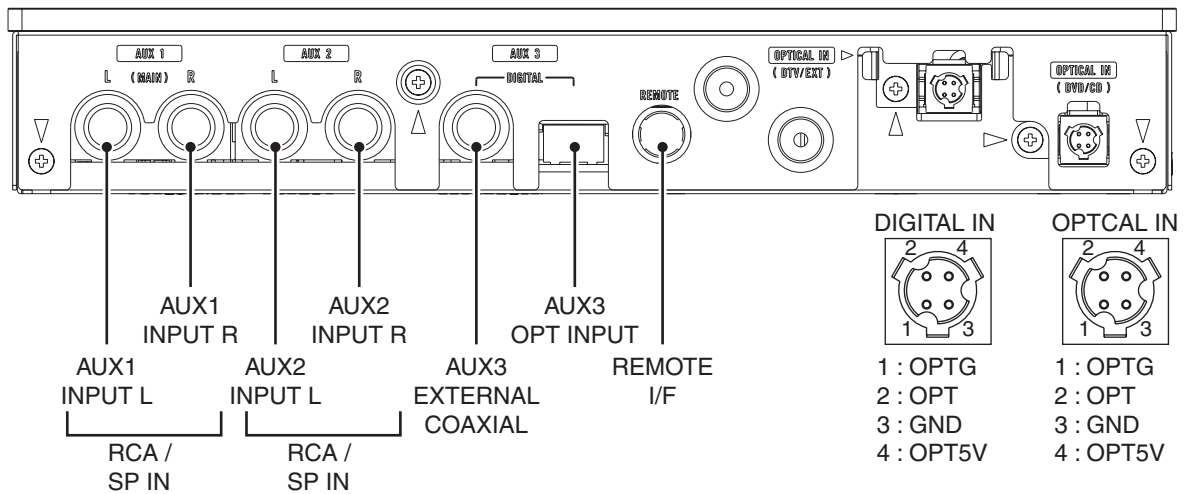
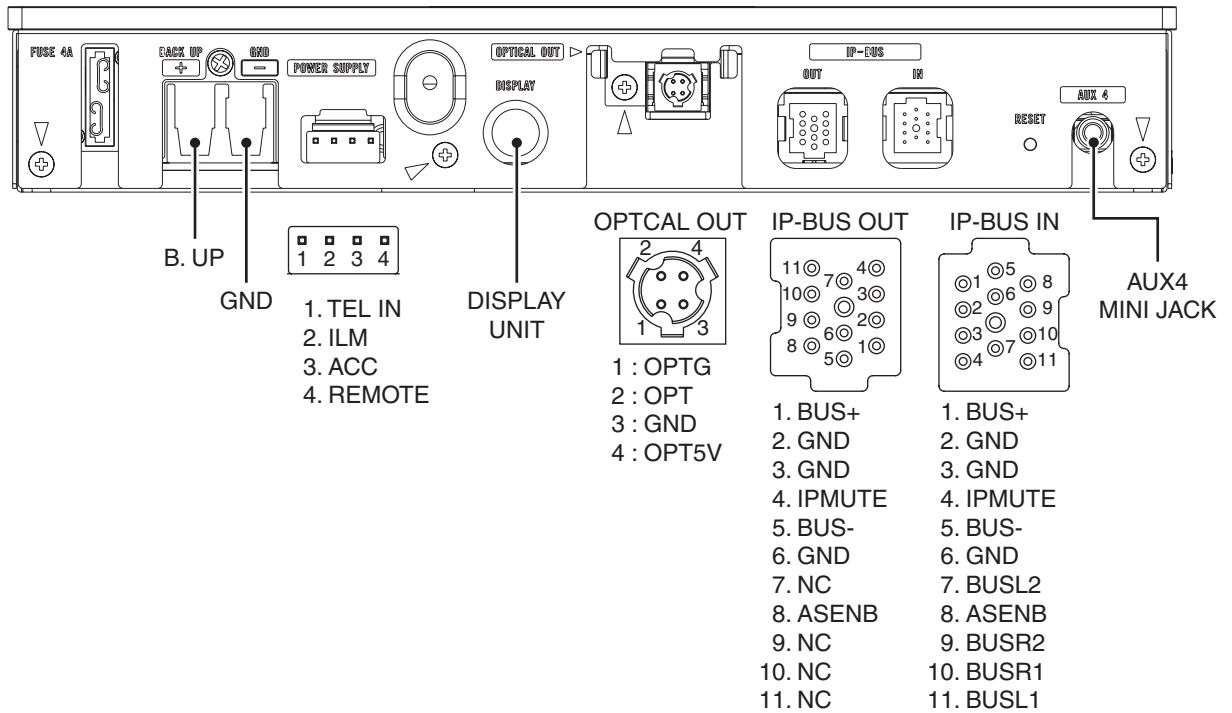
## 5.1 OPERATIONAL FLOWCHART



In case of the above signal, the communication with Grille microcomputer may fail. If the time interval is not 300 msec, the oscillator may be defective.

Completes power-on operation.  
(After that, proceed to each source operation)

## 5.2 CONNECTOR FUNCTION DESCRIPTION



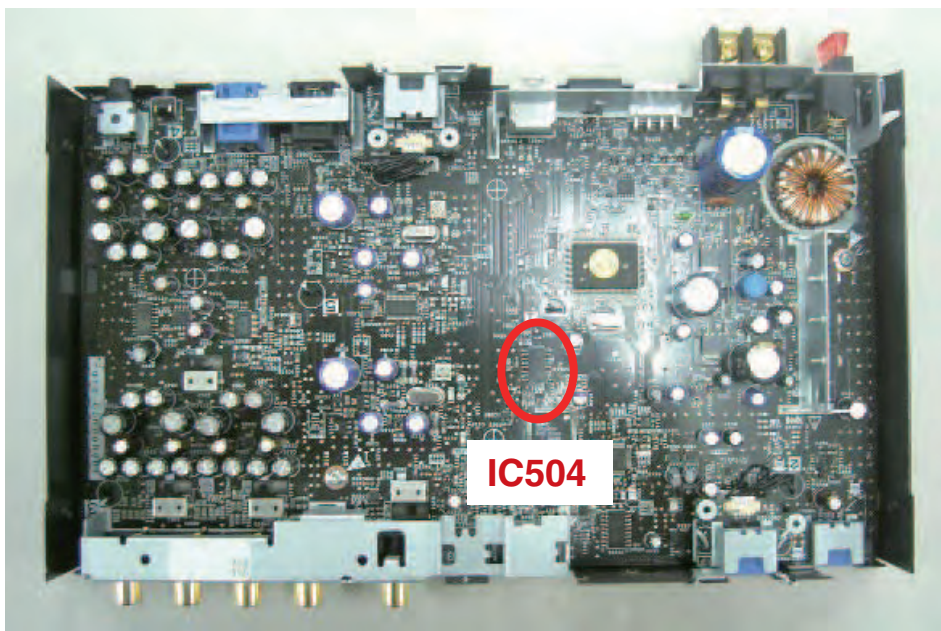
AUX1 & 2 can be mixed  
(Setting SW is on the bottom)

### 5.3 SIMPLE OPERATION CHECK METHOD

You can perform simple operation check by the following procedure without Pioneer Audio Processor.

- (1) Connect Display Unit and the power supply. And, connect analog audio signal to AUX1 input.
- (2) Press [SHIFT] button to display the initial setting display.
- (3) Press [3] button to switch to the general setting screen (GENERAL).
- (4) Press [1] button to switch to the auxiliary setting screen (AUX).
- (5) Press [1] button to turn ON MAIN (AUX1) input.
- (6) Press [SRC](SOURCE) button to switch to the MAIN (AUX1) input.
- (7) By applying 5V to the pin 1 of the IC504, this unit will output the digital audio signal (A/D converted the analog audio signal of AUX1 input) from the digital signal output terminal.

Then, you can confirm whether the digital audio output signal is correct, by connecting Digital Audio Checker, GGW1003 or Home use DAC built-in AV amplifier etc.

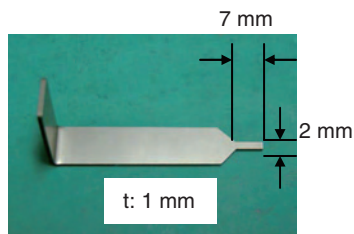


#### NOTE)

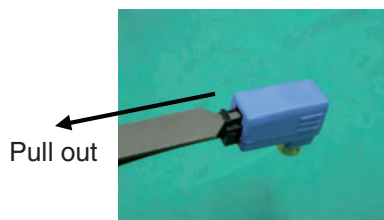
You can check the optical digital output by removing the connector of the optical digital cable. (The output terminal is blue.)

You can easily remove the connector by using the removing tool included ADDOL Processing Kit, PC034A or something similar.

The digital output signal can be checked by fitting the optical output to the optical digital input terminal of a DAC built-in product after removing the connector.



Removing Tool



Connector was removed

## 6. SERVICE MODE

There is not information to be shown in this chapter.

A

B

C

D

E

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# 7. DISASSEMBLY

## ● Removing the Case and Panel (Fig.1)

- ➡ **1** Remove the six screws and then remove the Case and Panel.

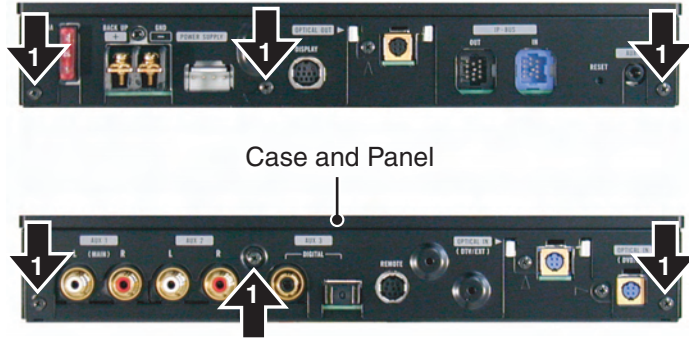


Fig.1

## ● Removing the Main Unit (Fig.2)

- ➡ **1** Remove the five screws.
- ➡ **2** Straighten the tabs at six locations indicated.
- ➡ **3** Remove the two screws and then remove the Main Unit.

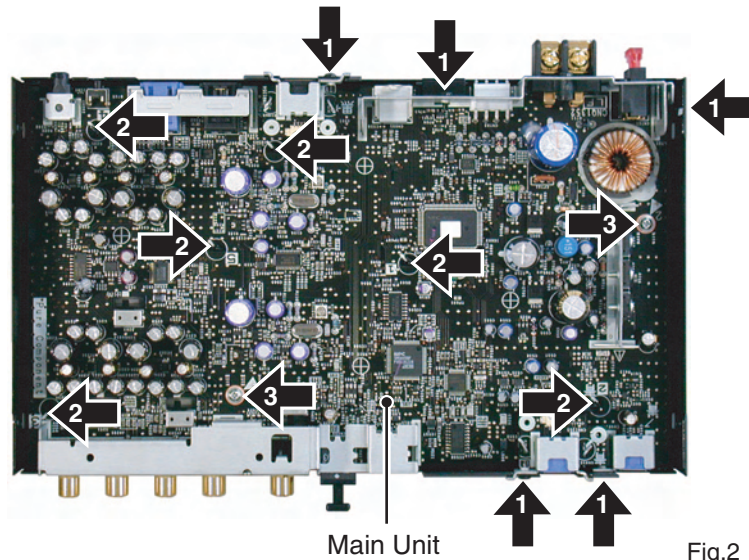


Fig.2

# 8. EACH SETTING AND ADJUSTMENT

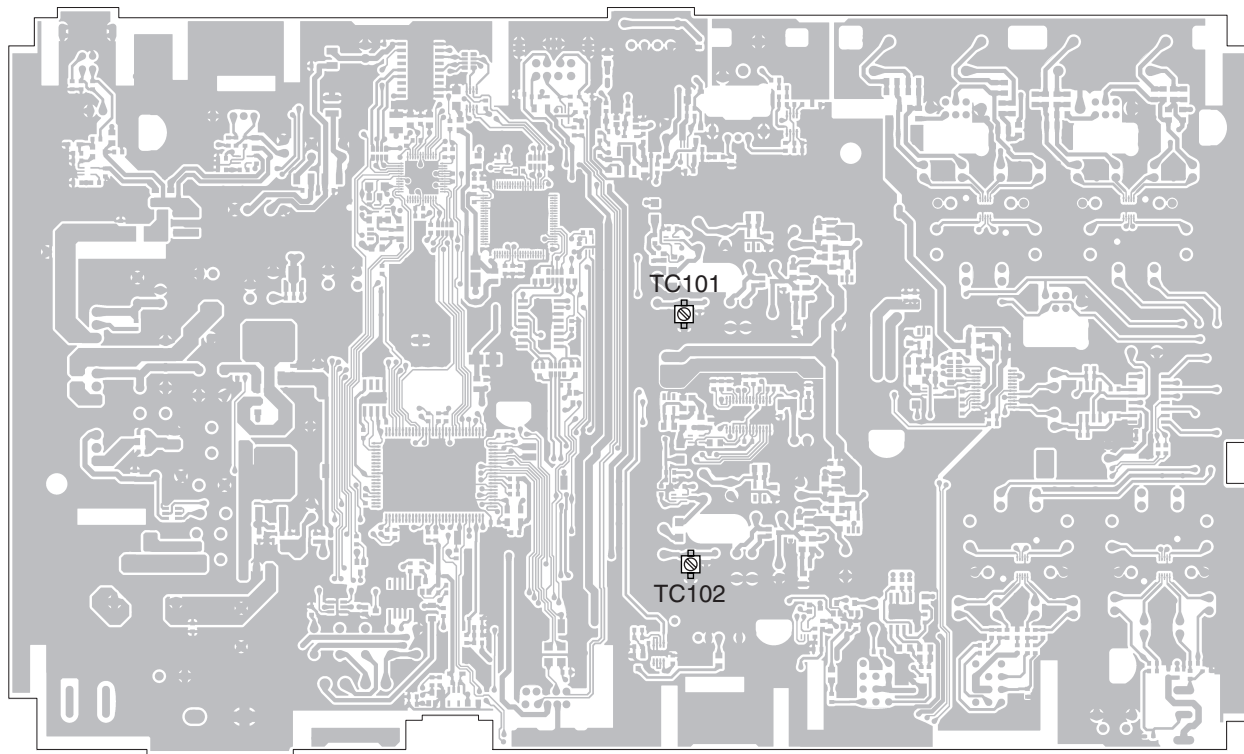
## 8.1 MASTER CLOCK ADJUSTMENT



● Adjustment point

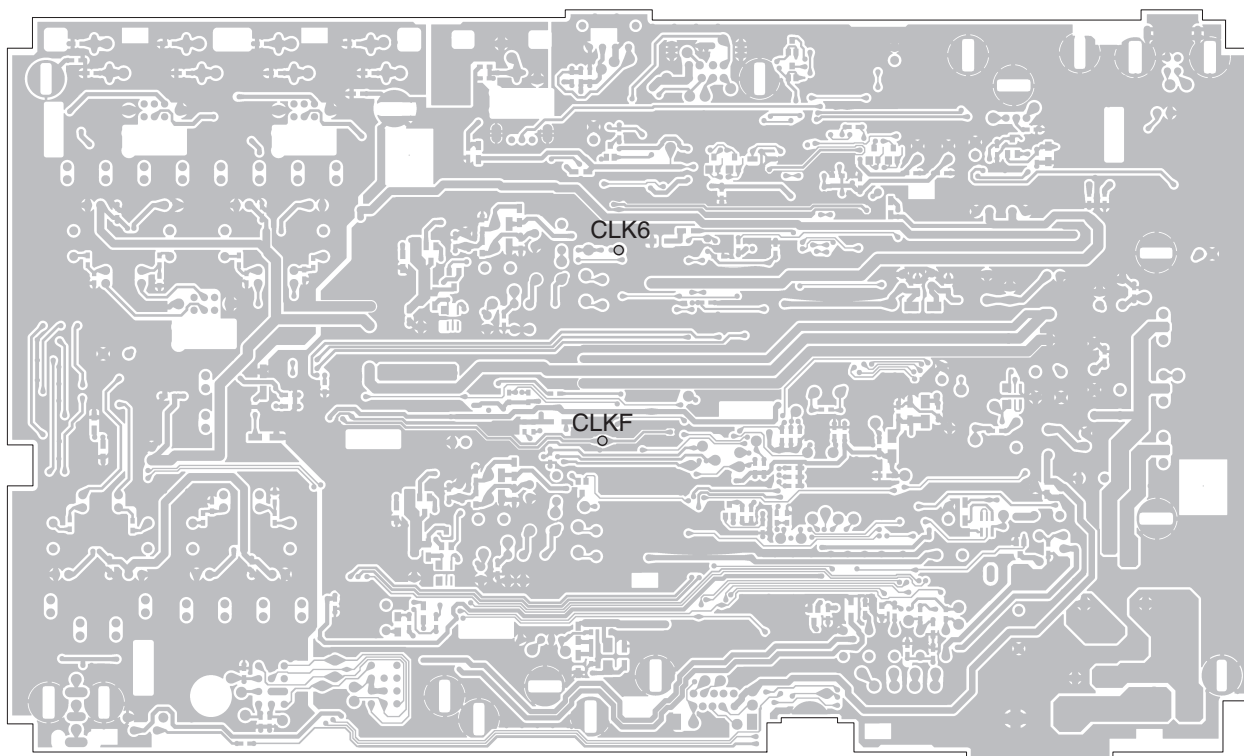
MAIN PCB

SIDE A



MAIN PCB

SIDE B



### ● Audio Master Clock frequency adjustment

No.	Measuring point	Adjusting point	Content of adjustment
1	CLKF	TC101	Frequency counter : 11.289 6 MHz $\pm$ 20 Hz
2	CLK6	TC102	Frequency counter : 12.288 MHz $\pm$ 20 Hz

1. Source ON.
2. Monitor CLKF (frequency counter and high frequency probe are required) and adjust TC101 to match the frequency.
3. Monitor CLK6 (frequency counter and high frequency probe are required) and adjust TC102 to match the frequency.



A

B

C

D

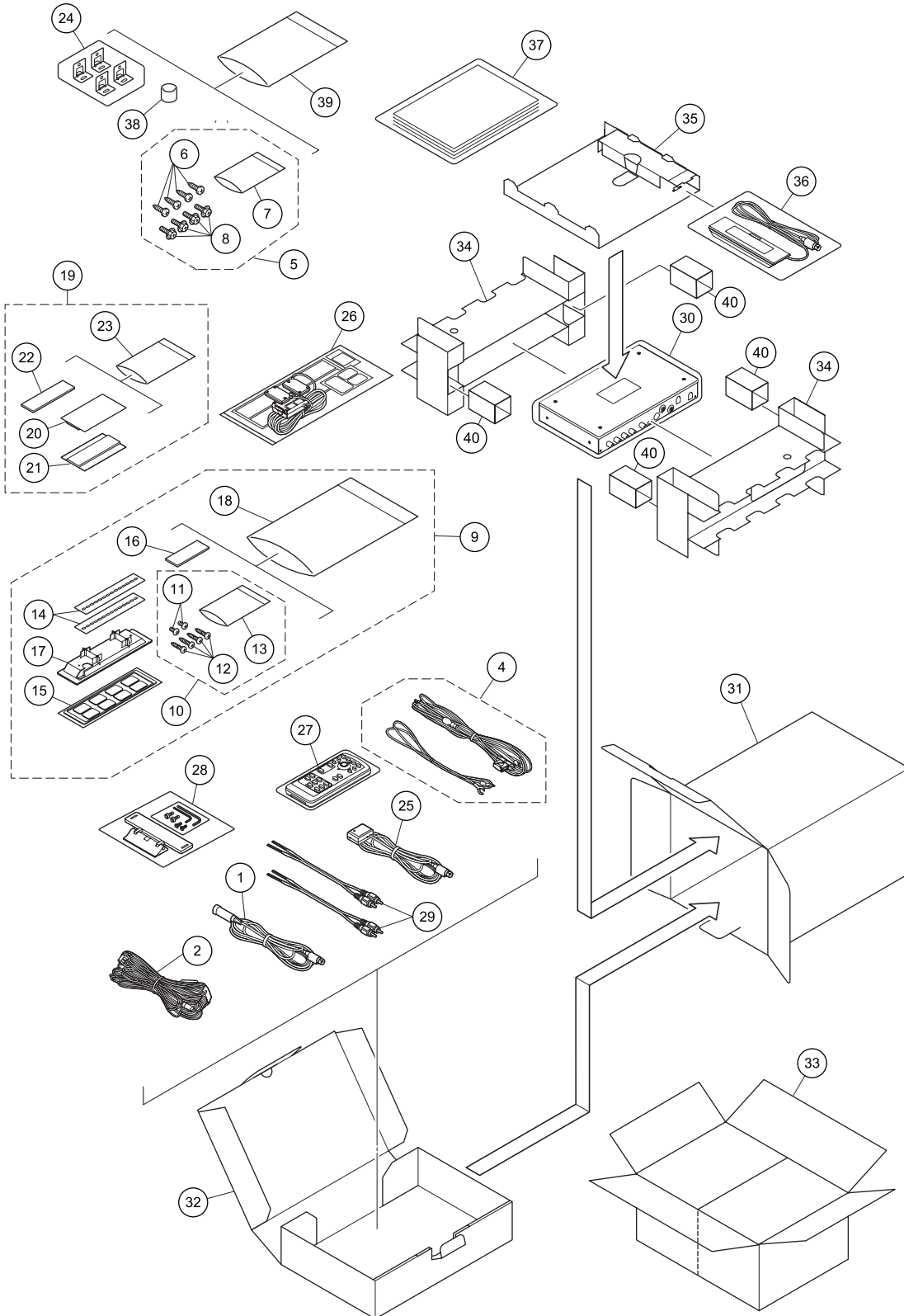
E

F

# 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.)

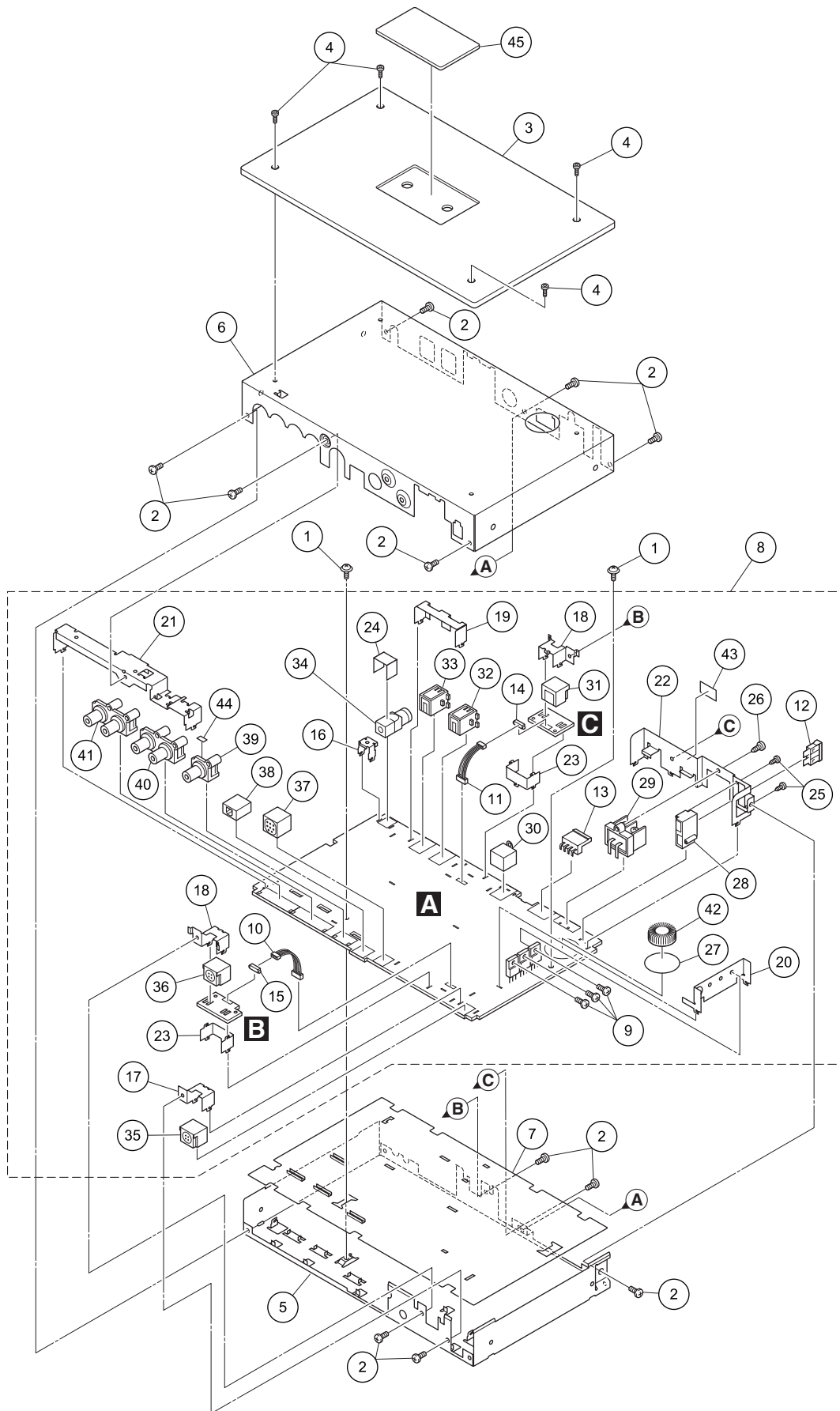
## 9.1 PACKING



## PACKING SECTION PARTS LIST

<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>	
1	Cord	CDP1035	
2	Cord Assy	CDP1037	
3	.....		A
4	Cord Assy	CDP1044	
5	Screw Assy	CEA5278	
6	Screw	BNC40P120FTB	
* 7	Polyethylene Bag	CEG1158	
8	Screw	HMF40P080FTB	
9	Accessory Assy	CEA7806	
10	Screw Assy	CEA7809	
11	Screw	BMZ26P050FTB	B
12	Screw	BPZ30P120FTB	
* 13	Polyethylene Bag	CEG1158	
14	Holder	CND4103	
15	Double Sided Tape	CNN1684	
16	Cushion	CNN1809	
17	Panel	CNS9055	
* 18	Polyethylene Bag	E36-634	
19	Accessory Assy	CEA7807	
20	Fastener	CNN1685	C
21	Fastener	CNN1686	
22	Double Sided Tape	CNN1808	
23	Polyethylene Bag	CEG1011	
24	Angle Assy	CXC6835	
25	Receiver Assy	CXC7915	
26	Remote Control Assy	CXC8163	
27	Remote Control Assy	CXC8171	
28	Bracket Assy	CXC8262	
29	Cord Assy	YDE5010	
* 30	Polyethylene Bag	CEG1226	D
31	Unit Box	CHG6200	
32	Sub Unit Box	CHA3639	
33	Contain Box	CHL6200	
34	Protector	CHP3371	
35	Protector	CHP3372	
* 36	Polyethylene Bag	CEG1391	
37-1	Owner's Manual(English)	CRB2420	
37-2	Owner's Manual(Spanish)	CRB2421	E
37-3	Owner's Manual(German)	CRB2422	
37-4	Owner's Manual(French)	CRB2423	
37-5	Owner's Manual(Italian)	CRB2424	
37-6	Owner's Manual(Dutch)	CRB2425	
37-7	Owner's Manual(Russian)	CRB2426	
* 37-8	Warranty Card	CRY1157	
37-9	Polyethylene Bag	CEG1116	
38	Cover	CNS9266	
* 39	Polyethylene Bag	CEG1250	F
40	Protector	CHP3460	

# 9.2 EXTERIOR

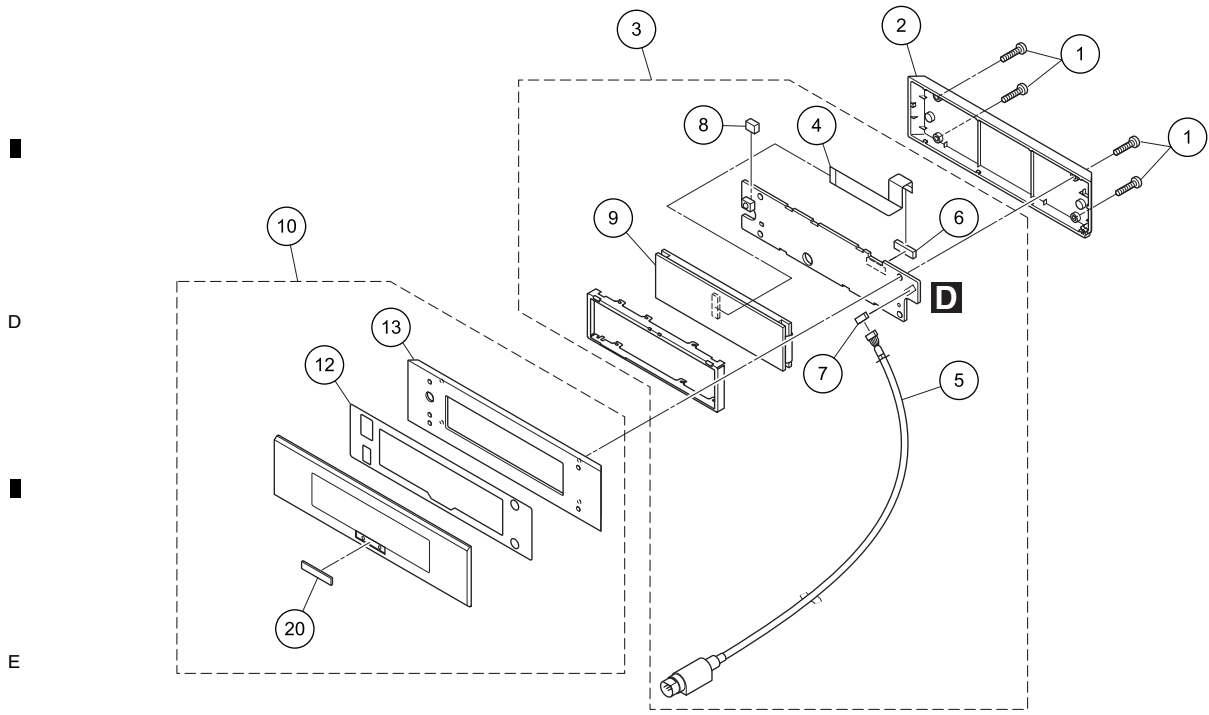
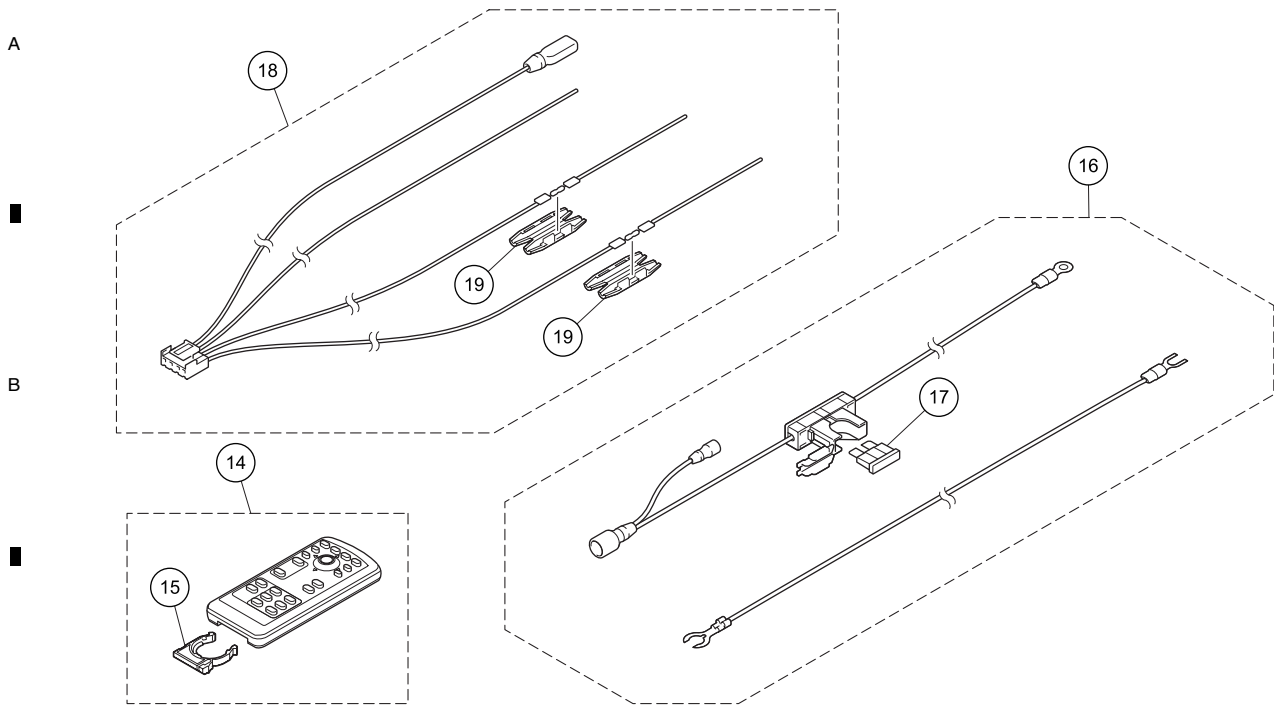


AXM-P90RS/EW5

## EXTERIOR SECTION PARTS LIST

<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>	
1	Screw	ASZ26P055FTC	
2	Screw	BSZ26P060FTB	A
3	Panel	CAH2005	
4	Screw	CBA1993	
5	Chassis	CNA3013	
6	Case	CNB3460	
7	Insulator	CNN1681	
8	Main Unit	CWN2574	
9	Screw	BSZ26P080FTC	
10	Cord(CN402)	CDE8464	
11	Cord(CN901)	CDE8464	B
⚠ 12	Fuse(4 A)	CEK1001	
13	Plug(CN703)	CKS-461	
14	Connector(CN911)	CKS4979	
15	Connector(CN411)	CKS4979	
16	Holder	CNC8205	
17	Holder	CNC9451	
18	Holder	CNC9452	
19	Holder	CNC9810	
20	Holder	CND3297	C
21	Holder	CND4067	
22	Holder	CND4068	
23	Holder	CND4069	
24	Insulator	CNN1744	
25	Screw	PPZ20P060FTB	
26	Screw	PPZ30P080FTB	
27	Insulator	XNM7031	
28	Fuse Holder(H701)	CKR1021	
29	Terminal(JA702)	CKE1030	D
30	Plug(JA801)	CKS2589	
31	Connector(JA912)	CKS1940	
32	Connector(JA302)	CKS3413	
33	Connector(JA301)	CKS3410	
34	Connector(JA202)	CKS4124	
35	Connector(JA401)	CKS2600	
36	Connector(JA412)	CKS2600	
37	Connector(JA802)	CKS5768	
38	Connector(JA403)	CKS5728	E
39	Pin Jack(JA404)	CKB1081	
40	Pin Jack(JA203)	CKB1080	
41	Pin Jack(JA201)	CKB1080	
42	Chock Coil(L702)	CTH1280	
43	Cushion	CNN1907	
44	Cushion	CNN1910	
* 45	Badge	CAH2003	F

# 9.3 DISPLAY UNIT AND ACCESSORY



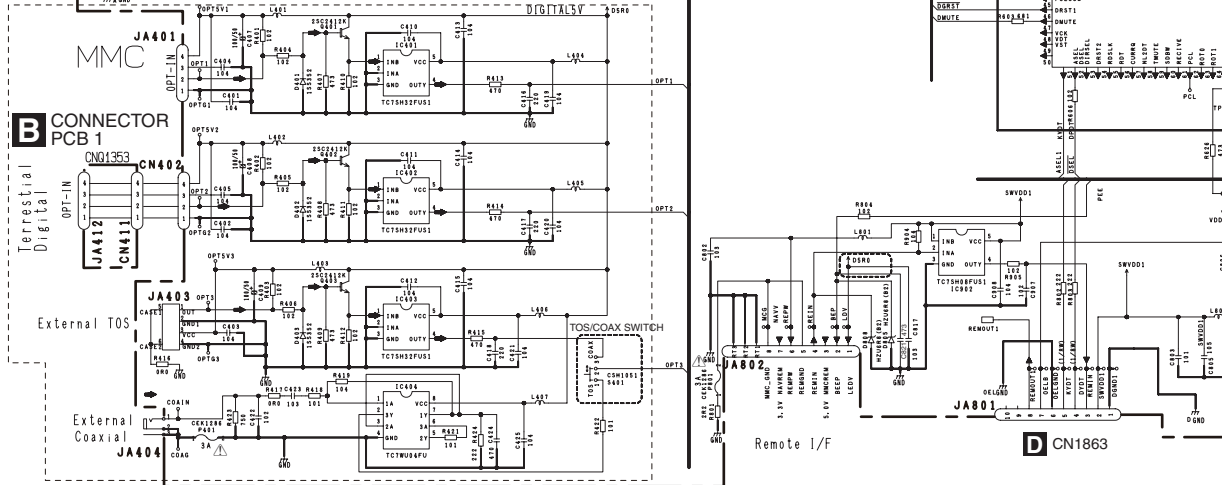
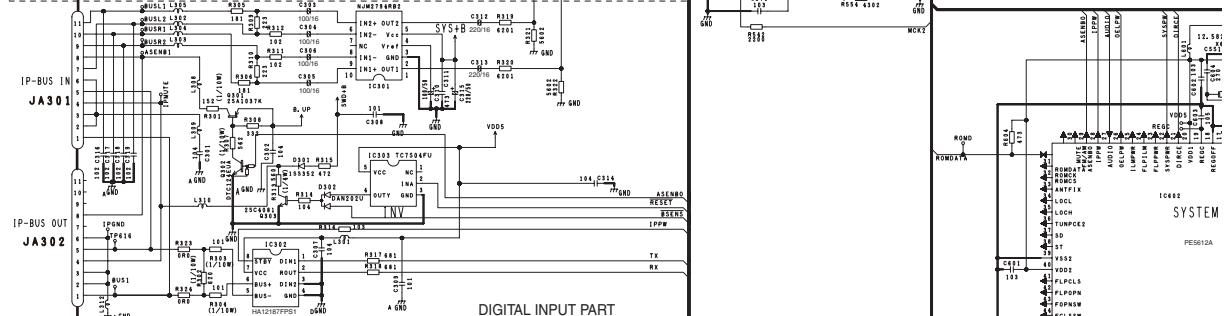
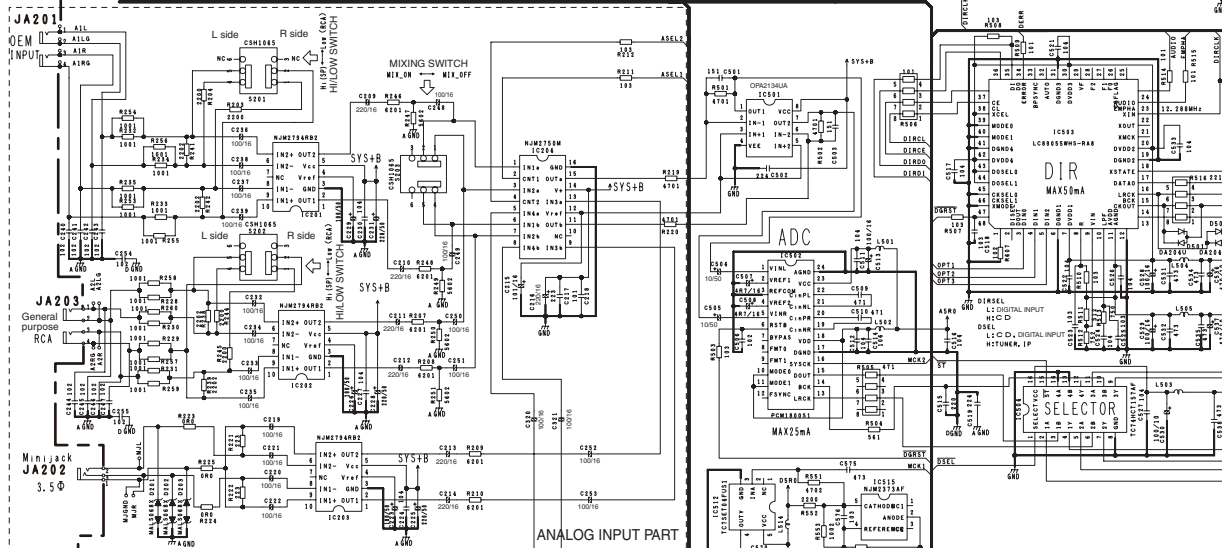
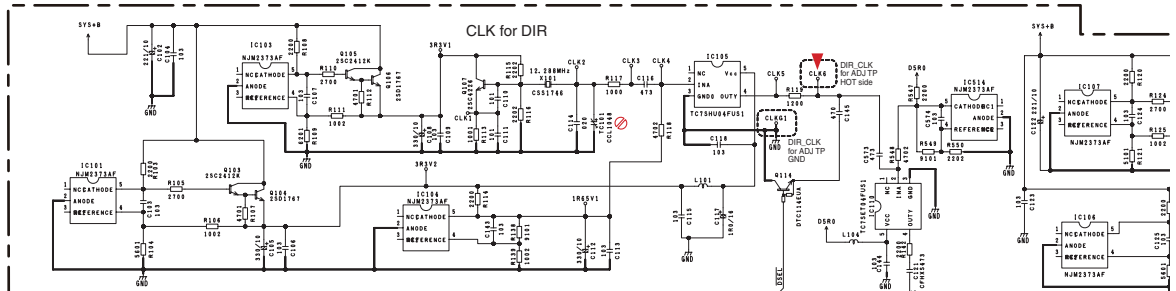
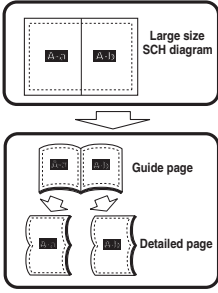


# 10. SCHEMATIC DIAGRAM

## 10.1 OVERALL CONNECTION DIAGRAM(GUIDE PAGE)

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

A-a




AB



# A-b

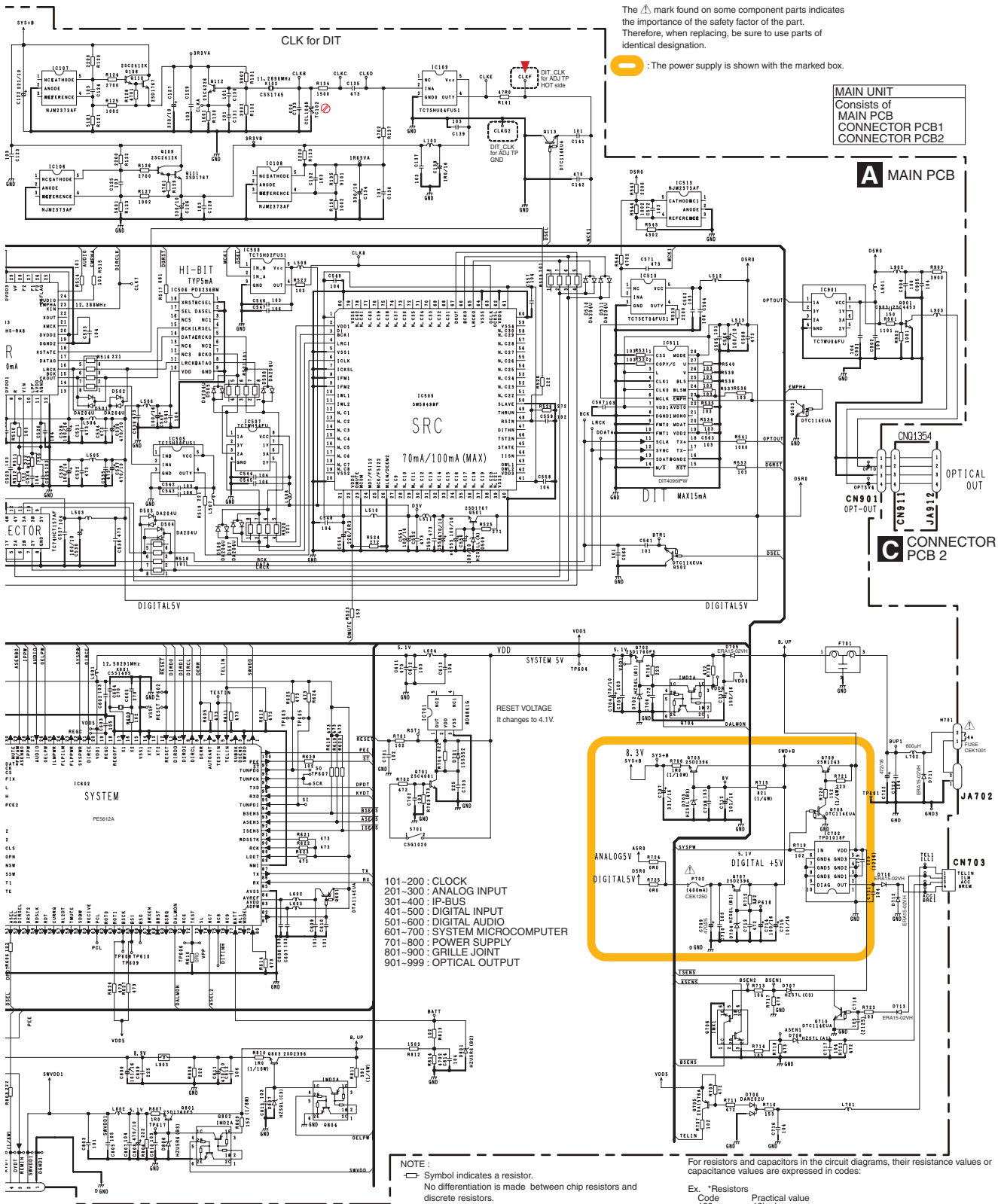
The  $\Delta$  mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.



 : The power supply is shown with the marked box.

**MAIN UNIT**  
Consists of  
MAIN PCB  
CONNECTOR PCB1  
CONNECTOR PCB2

**A MAIN PCB**

**C CONNECTOR PCB 2**



**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.

For resistors and capacitors in the circuit diagrams, their resistance values or capacitance values are expressed in codes.


Ex. \*Resistors  
 Code Practical value  
 123 12k ohms  
 103 10k ohms

\*Capacitors  
 Code Practical value  
 103 0.01μF  
 101/10 100μF/10V

V1863



The  $\Delta$  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.

 : The power supply is shown with the marked box.

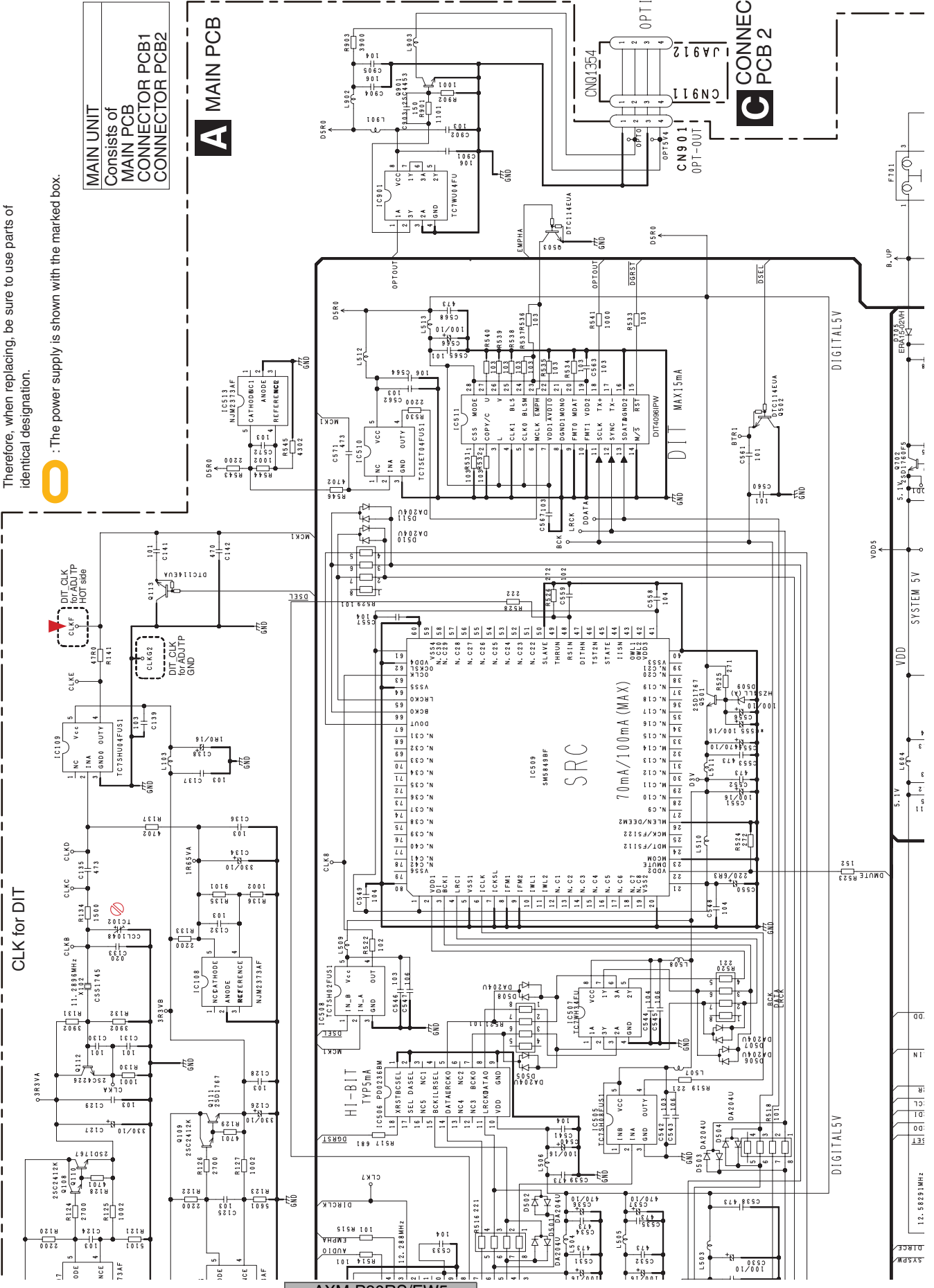
**MAIN UNIT**  
Consists of  
MAIN PCB  
CONNECTOR PCB1  
CONNECTOR PCB2

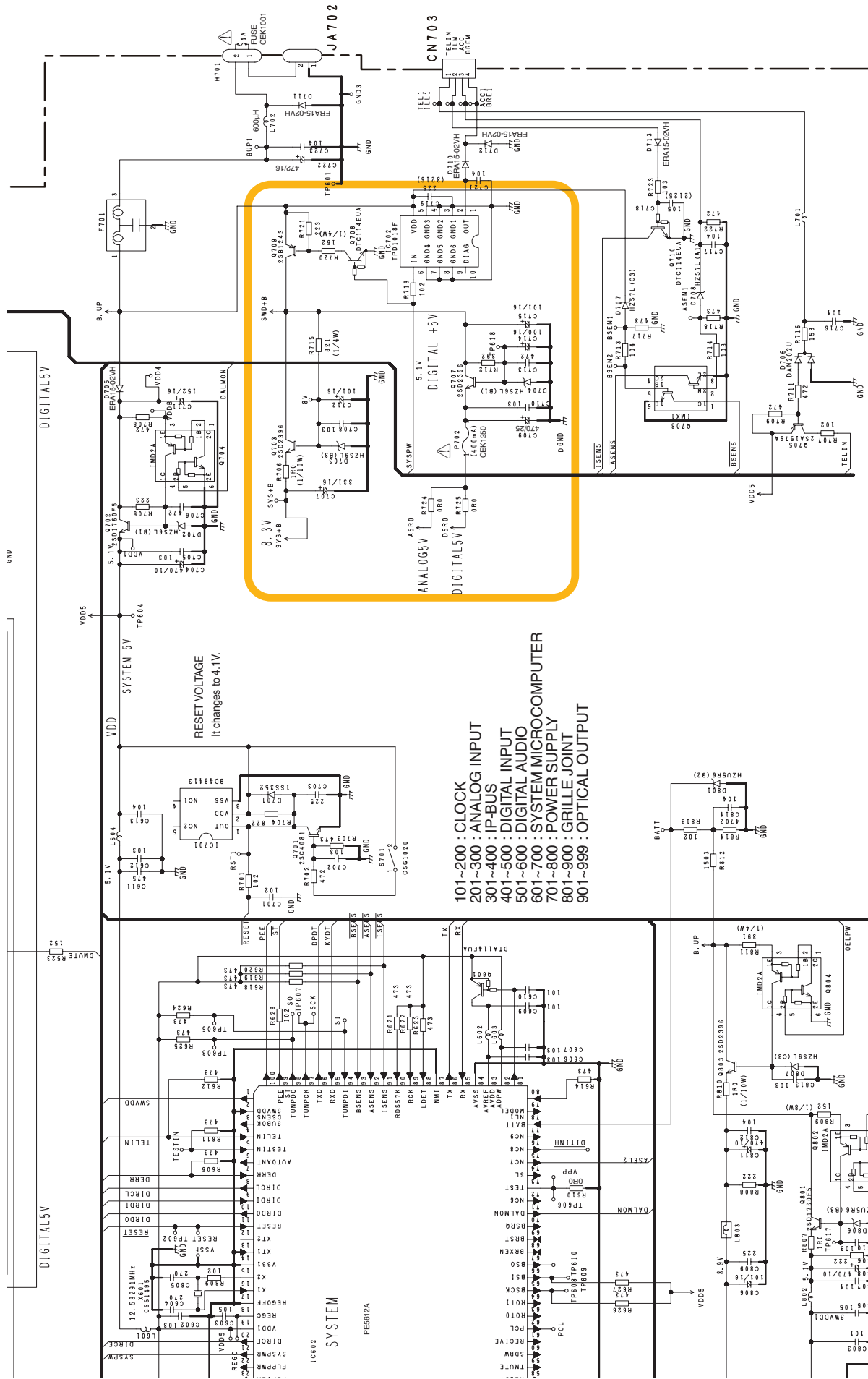
**A** MAIN PCB

A-a A-b

**C**  
A-b

CLK for DIT





- 101~200 : CLOCK INPUT
- 201~300 : ANALOG INPUT
- 301~400 : IP-BUS
- 401~500 : DIGITAL INPUT
- 501~600 : DIGITAL AUDIO
- 601~700 : SYSTEM MICROCOMPUTER
- 701~800 : POWER SUPPLY
- 801~900 : GRILLE JOINT
- 901~999 : OPTICAL OUTPUT

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.

Ex. \*Resistors

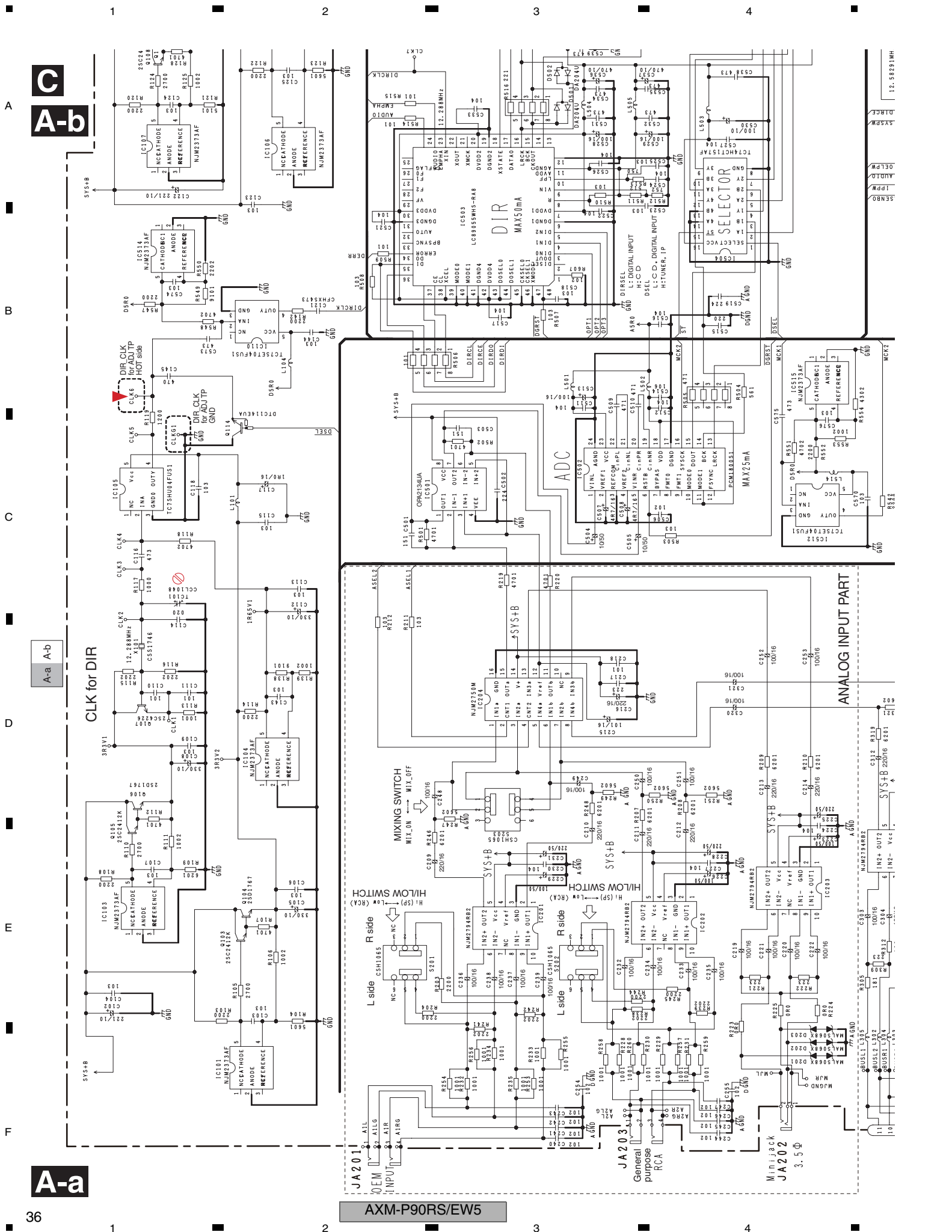
Code	Practical value
123	12k ohms
103	10k ohms

\*Capacitors

Code	Practical value
103	0.01µF
101/10	100µF/10V

For resistors and capacitors in the circuit diagrams, their resistance values or capacitance values are expressed in codes:

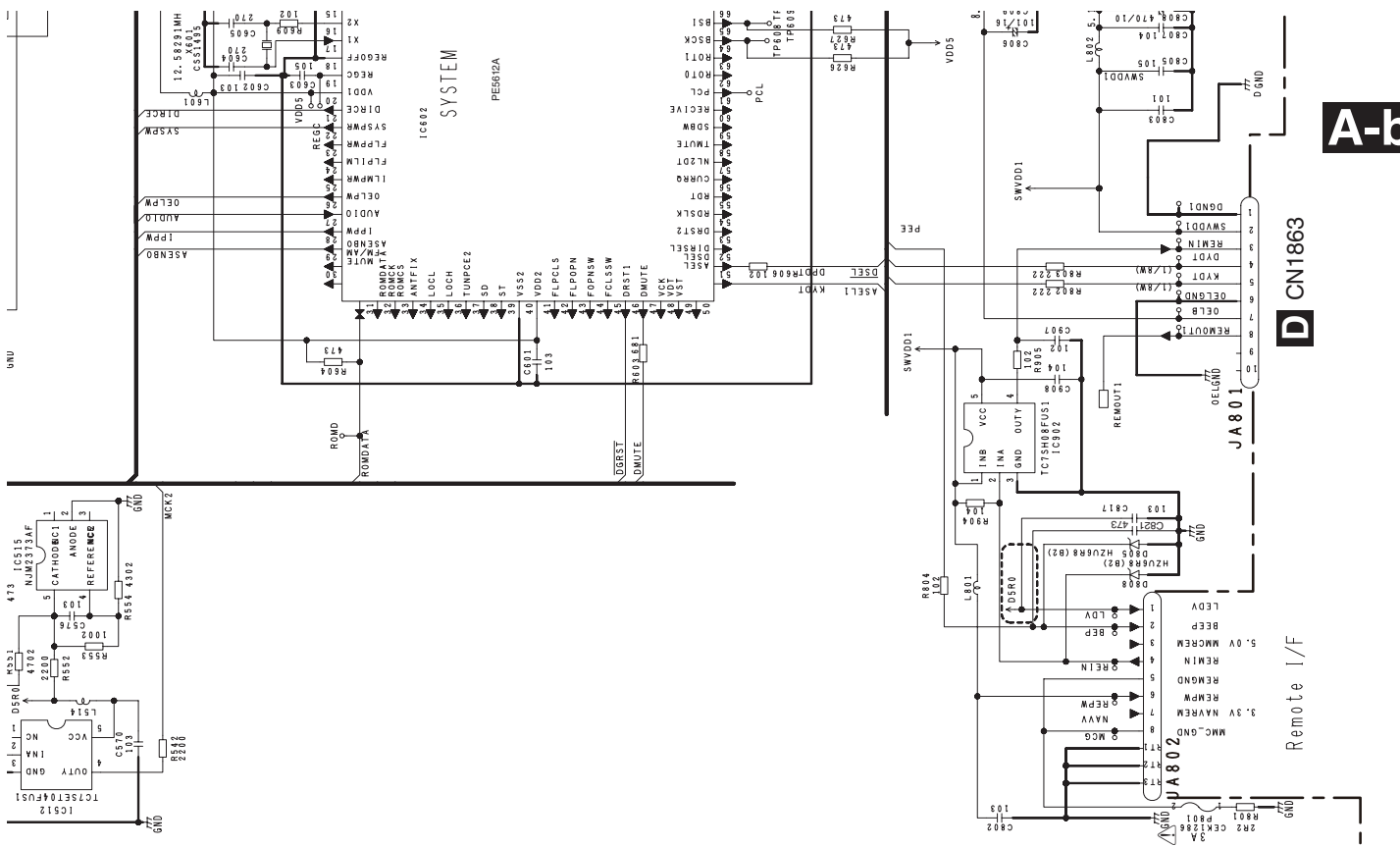
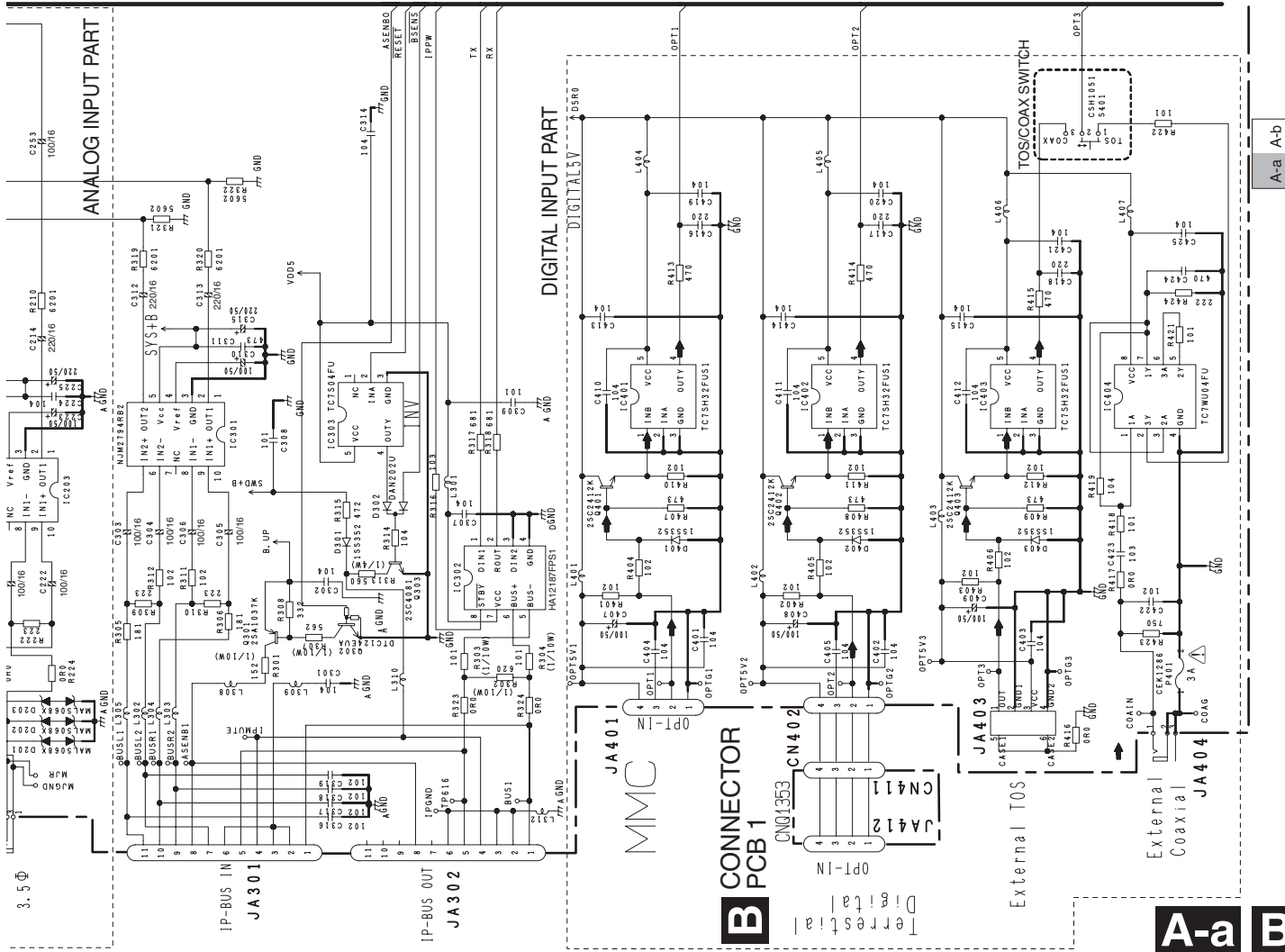




**C**  
**A-b**

**A-a** **A-b**

**A-a**



**A-b**

**D CN1863**

**A-a B**

**D**

**F**

**F**

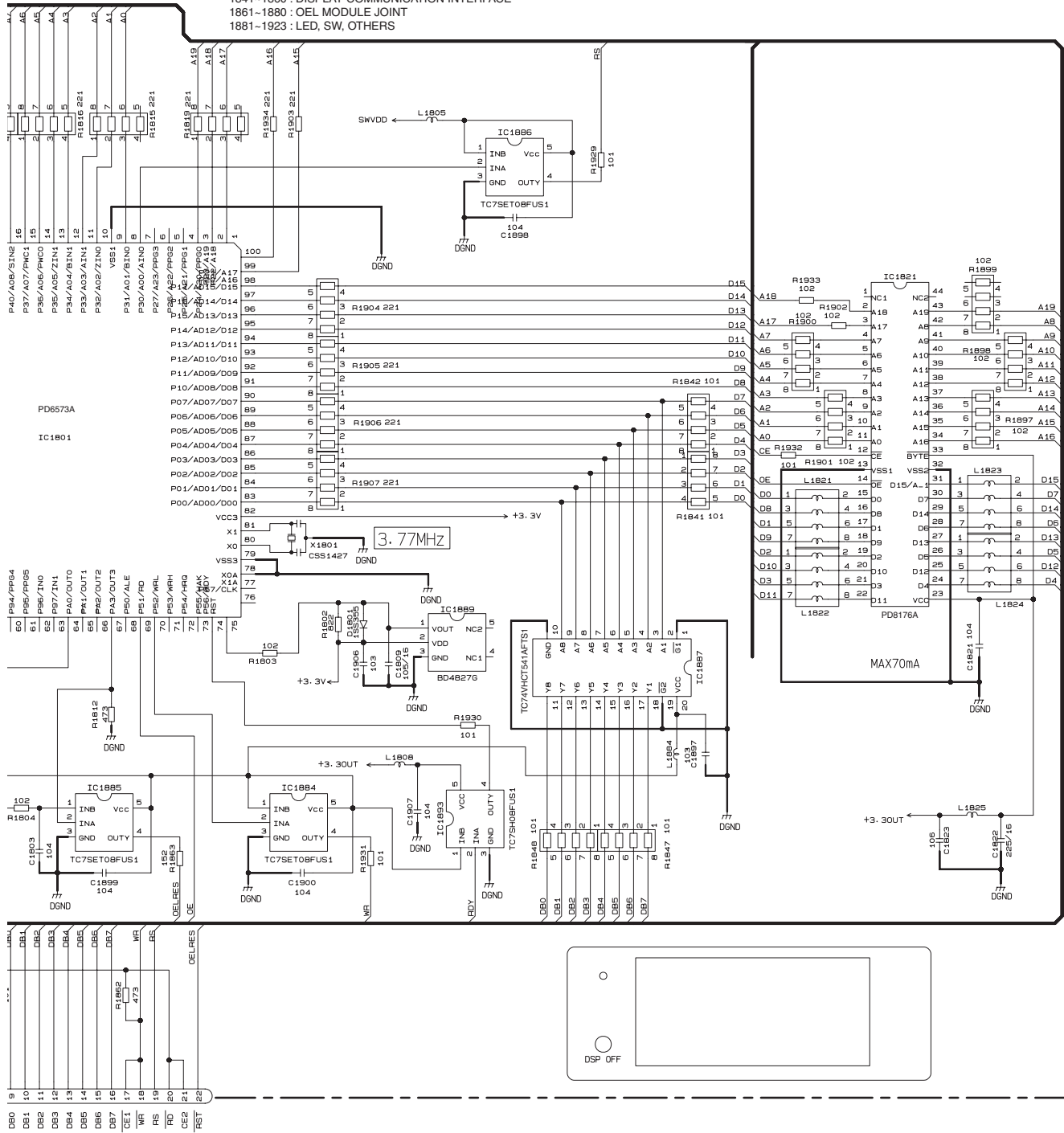
**A-a B**



# D-b

## D DISPLAY UNIT

1801-1820 : KEY μCON  
 1821-1840 : ROM  
 1841-1860 : DISPLAY COMMUNICATION INTERFACE  
 1861-1880 : OEL MODULE JOINT  
 1881-1923 : LED, SW, OTHERS



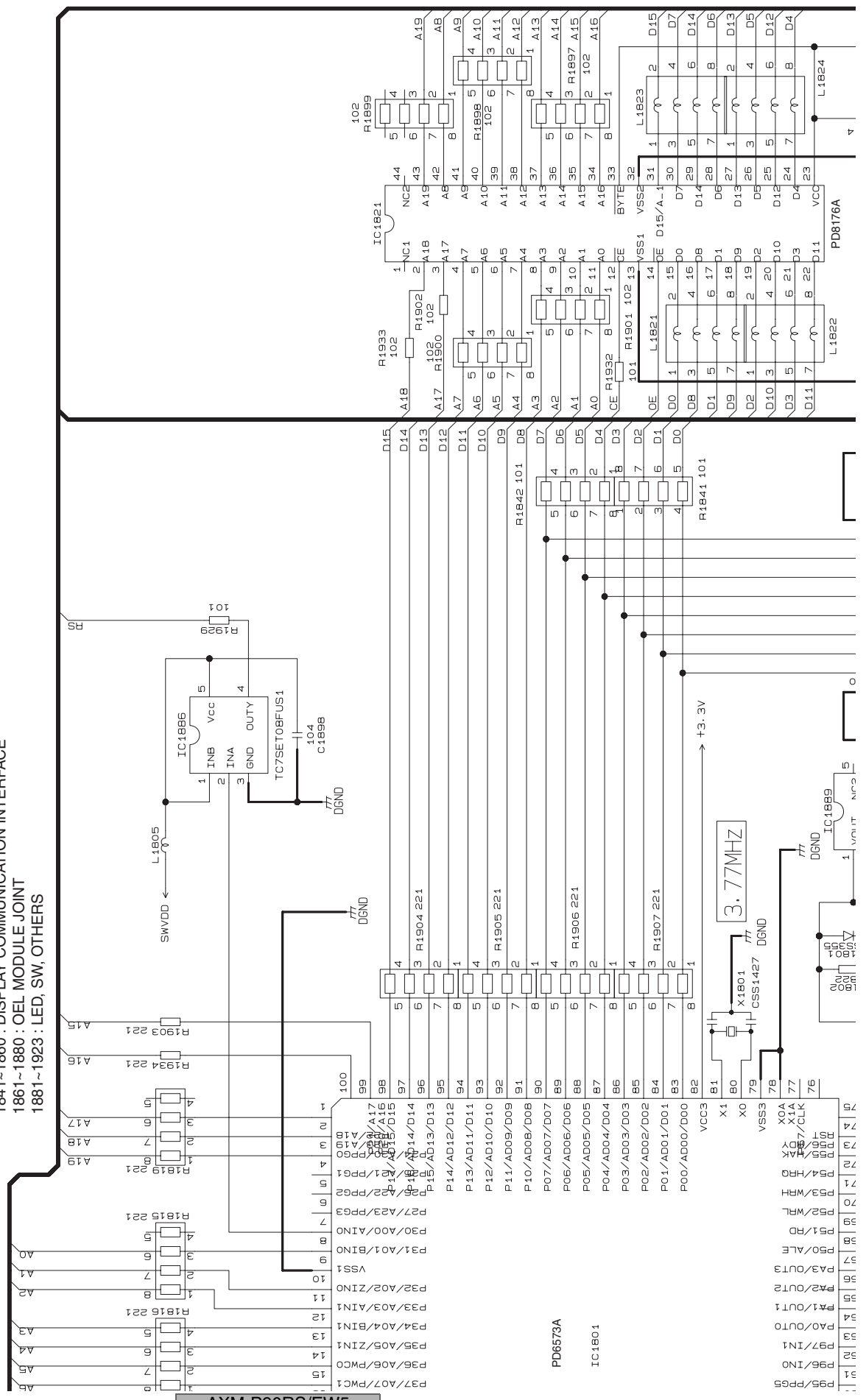
OEL MODULE  
 MXK8203

# DISPLAY UNIT

1801~1820 : KEY μCON  
 1821~1840 : FROM  
 1841~1860 : DISPLAY COMMUNICATION INTERFACE  
 1861~1880 : OEL MODULE JOINT  
 1881~1923 : LED, SW, OTHERS

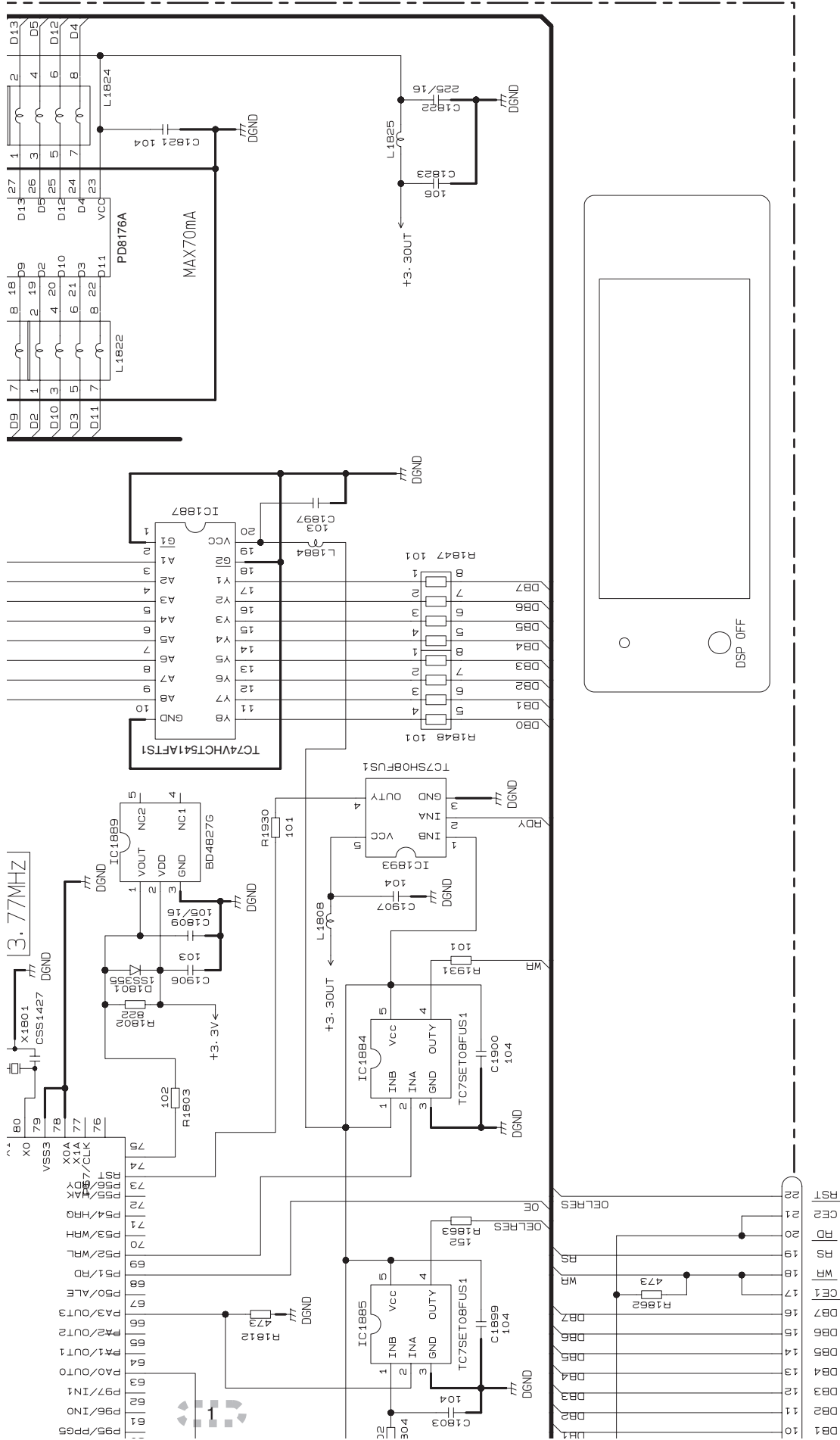
D-a D-b

D-b



AXM-P90RS/EW5





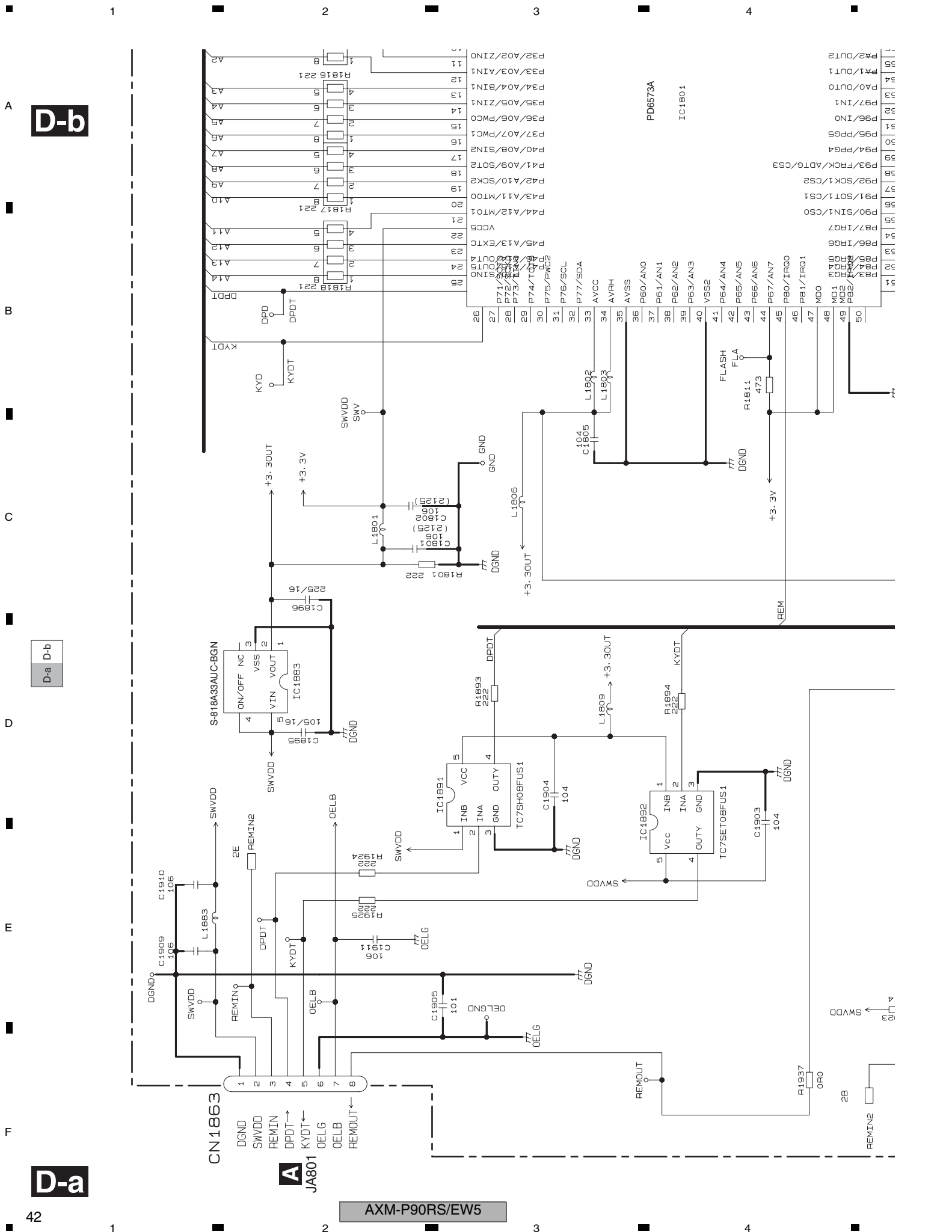
L MODULE  
AXK8203

AXM-P90RS/EW5

D-a D-b

D-b

A B C D E F



D-b

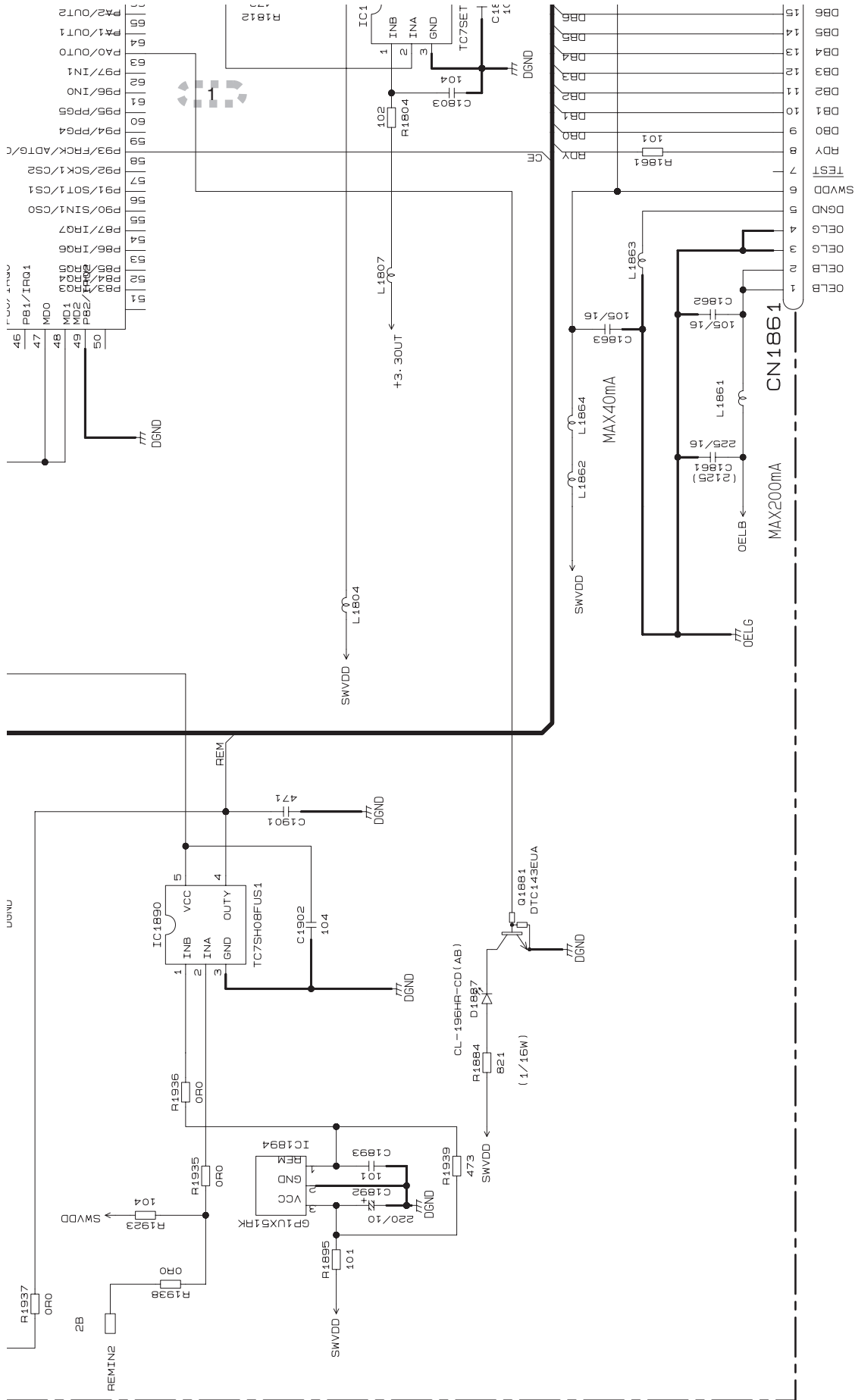
D-a D-b

D-a

1 2 3 4 5 6

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

AXM-P90RS/EW5



OEL MODULE  
MXK8203

D-b

A B C D E F

D-a D-b

D-a

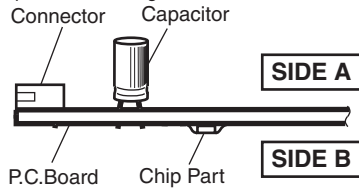
# 11. PCB CONNECTION DIAGRAM

## 11.1 MAIN PCB

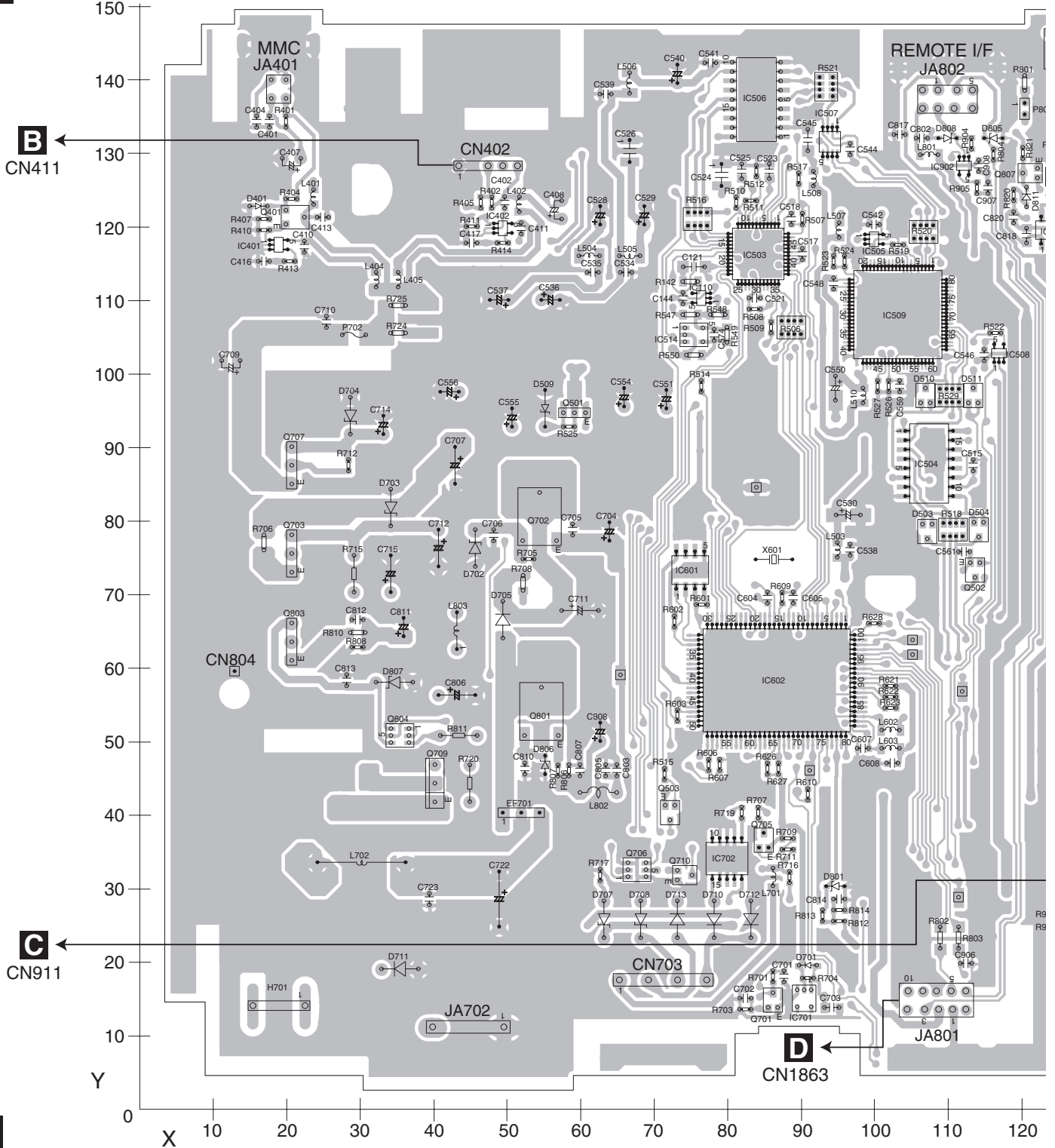
### NOTE FOR PCB DIAGRAMS

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.

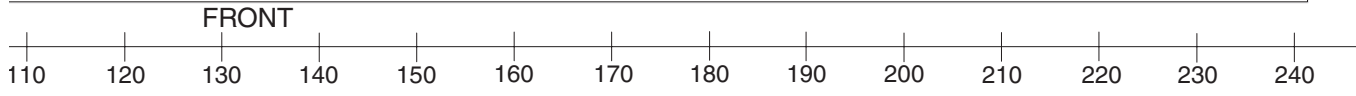
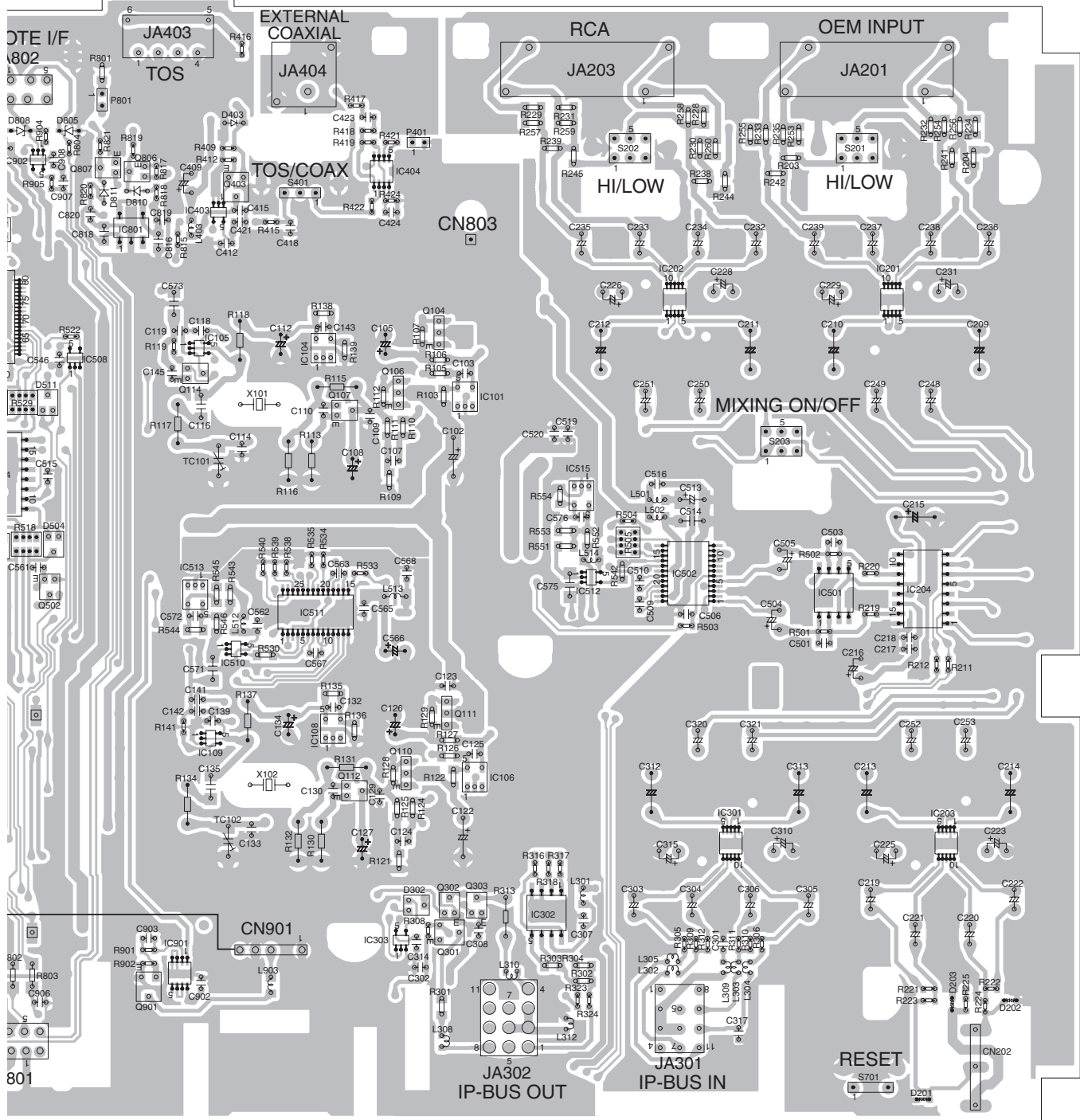
2. Viewpoint of PCB diagrams



### A MAIN PCB



SIDE A

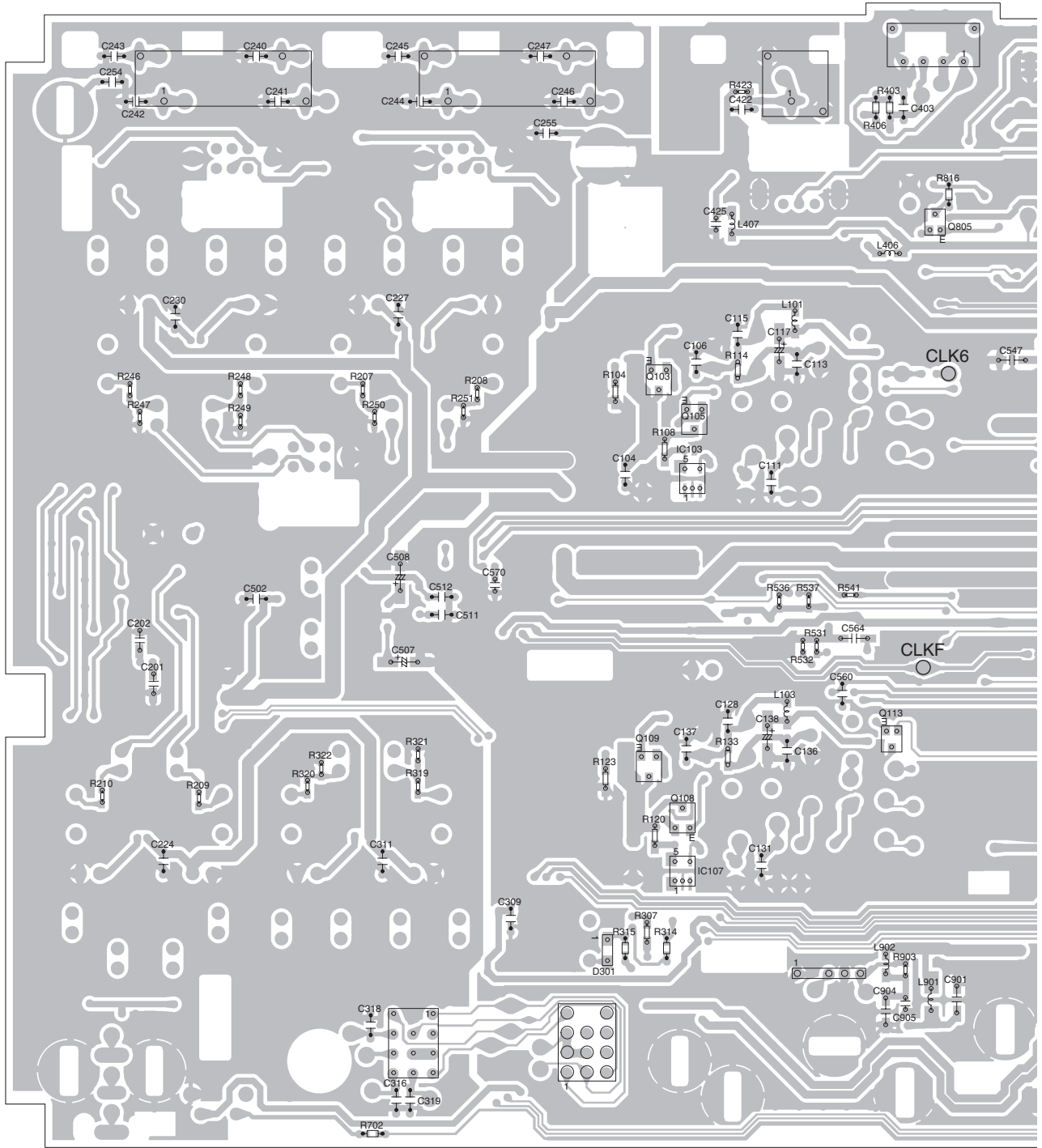


AXM-P90RS/EW5

A

A

# A MAIN PCB



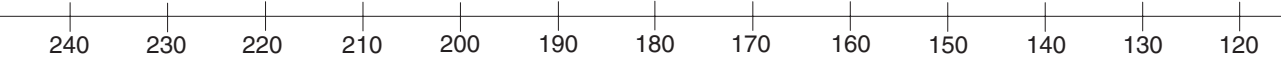
B

C

D

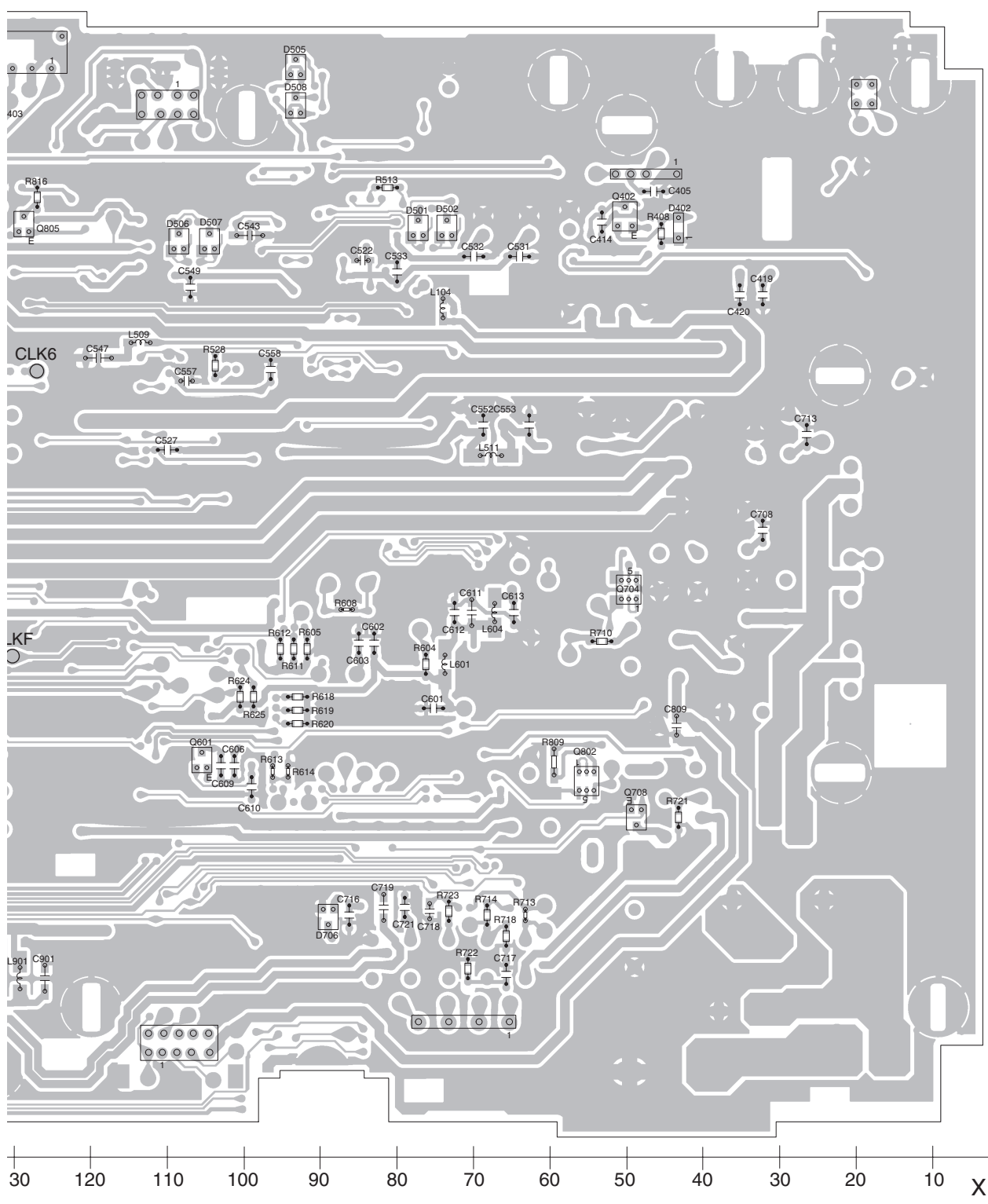
E

F



SIDE B

A



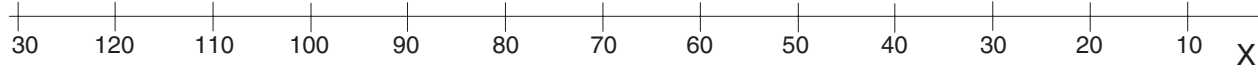
B

C

D

E

F



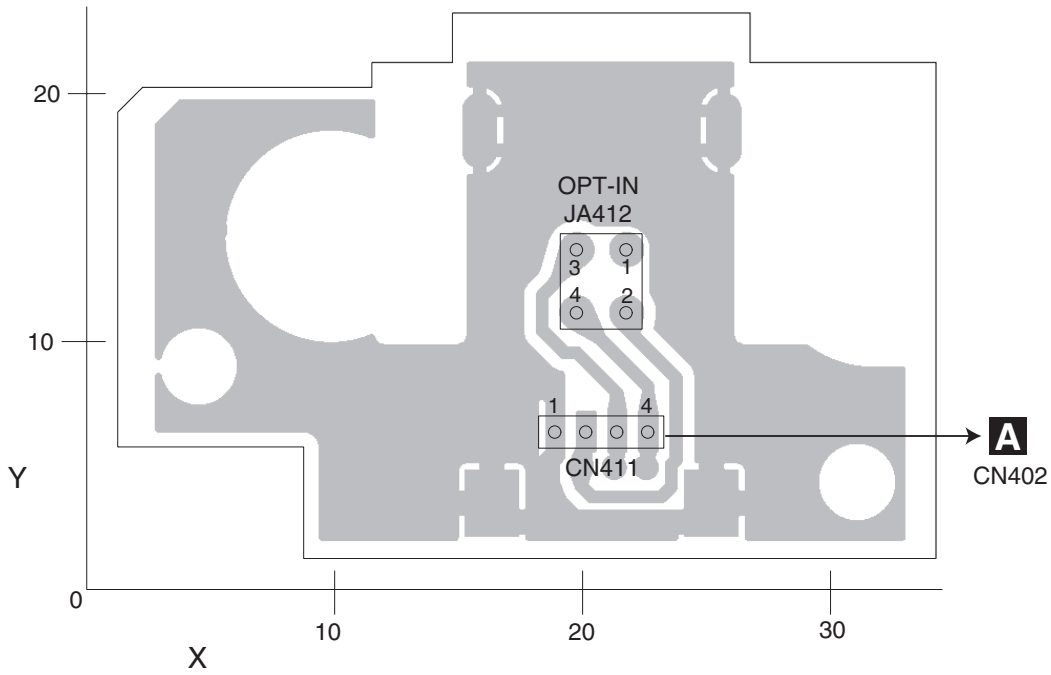
AXM-P90RS/EW5

A

11.2 CONNECTOR PCB1

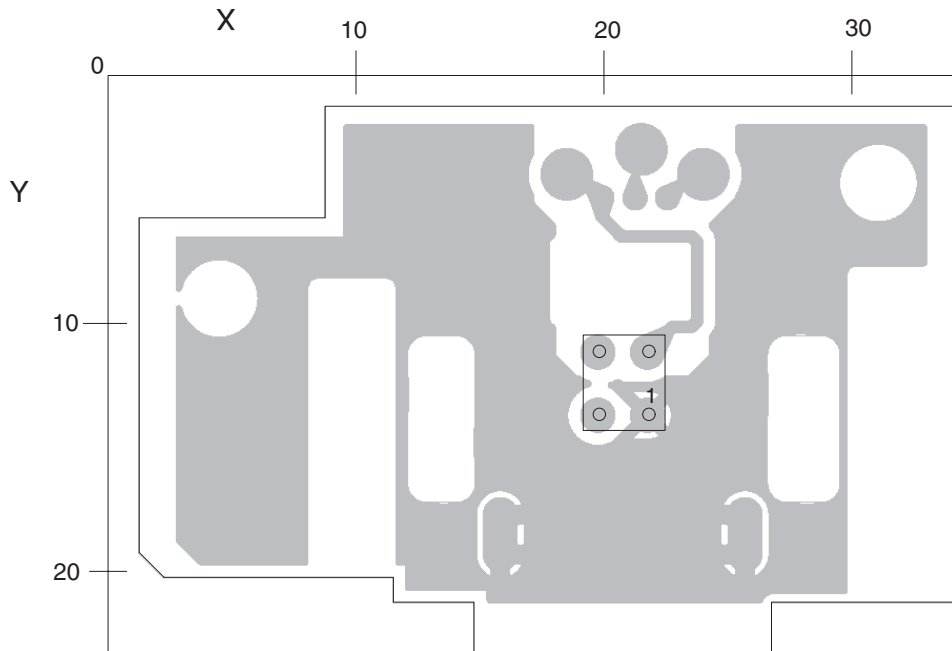
**B** CONNECTOR PCB 1

**SIDE A**



**B** CONNECTOR PCB 1

**SIDE B**



**B**

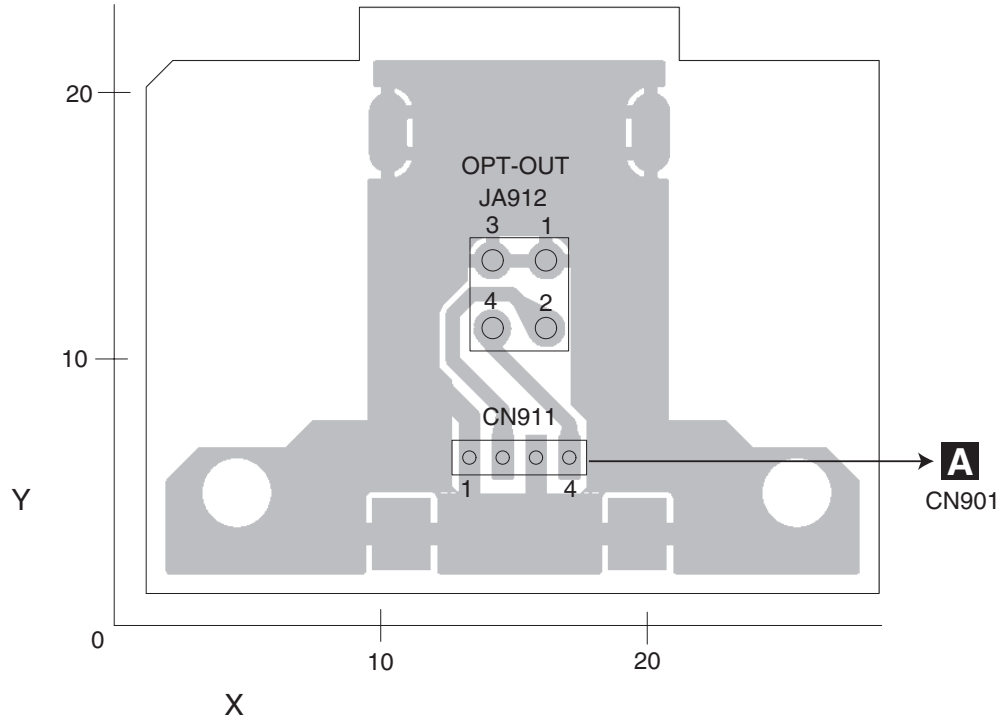


5 6 7 8

# 11.3 CONNECTOR PCB2

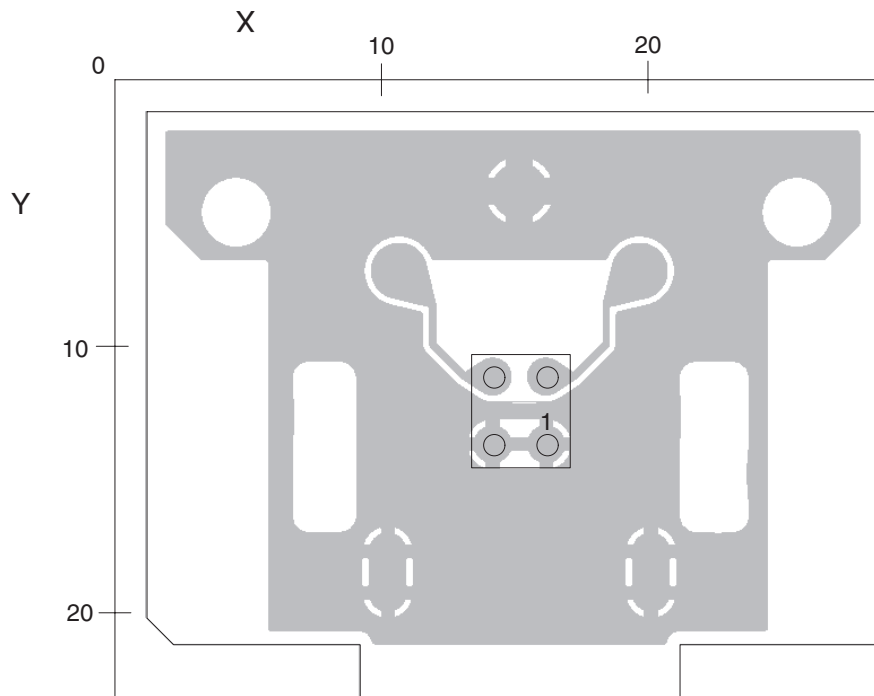
## C CONNECTOR PCB 2

SIDE A



## C CONNECTOR PCB 2

SIDE B



# 11.4 DISPLAY UNIT

**D** DISPLAY UNIT

**SIDE A**

A

B

C

D

E

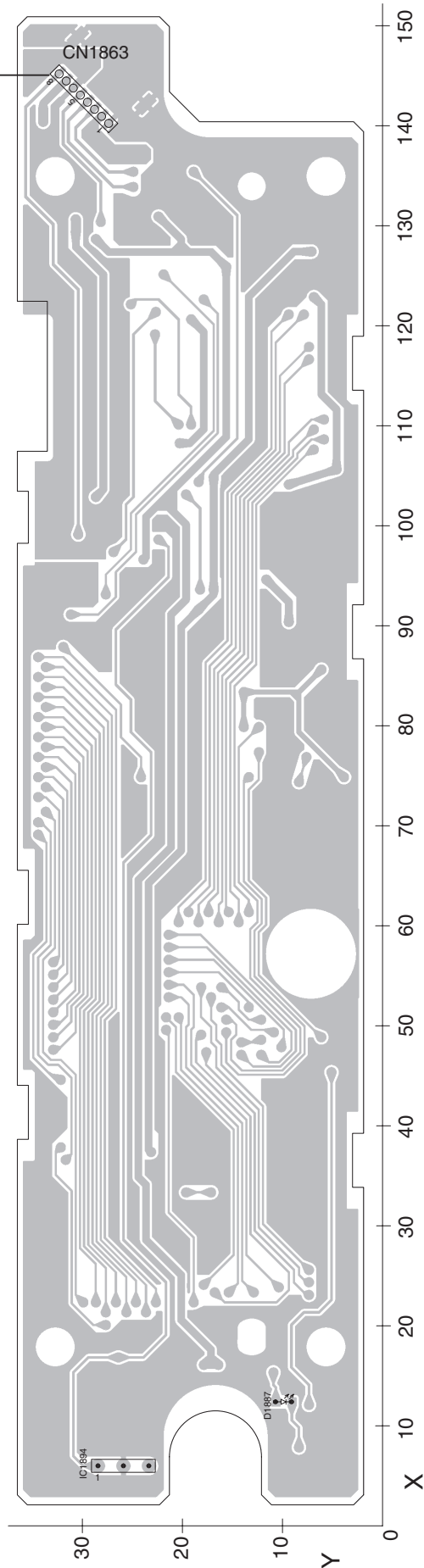
F

**A**  
CN801

CN1863

IC1864

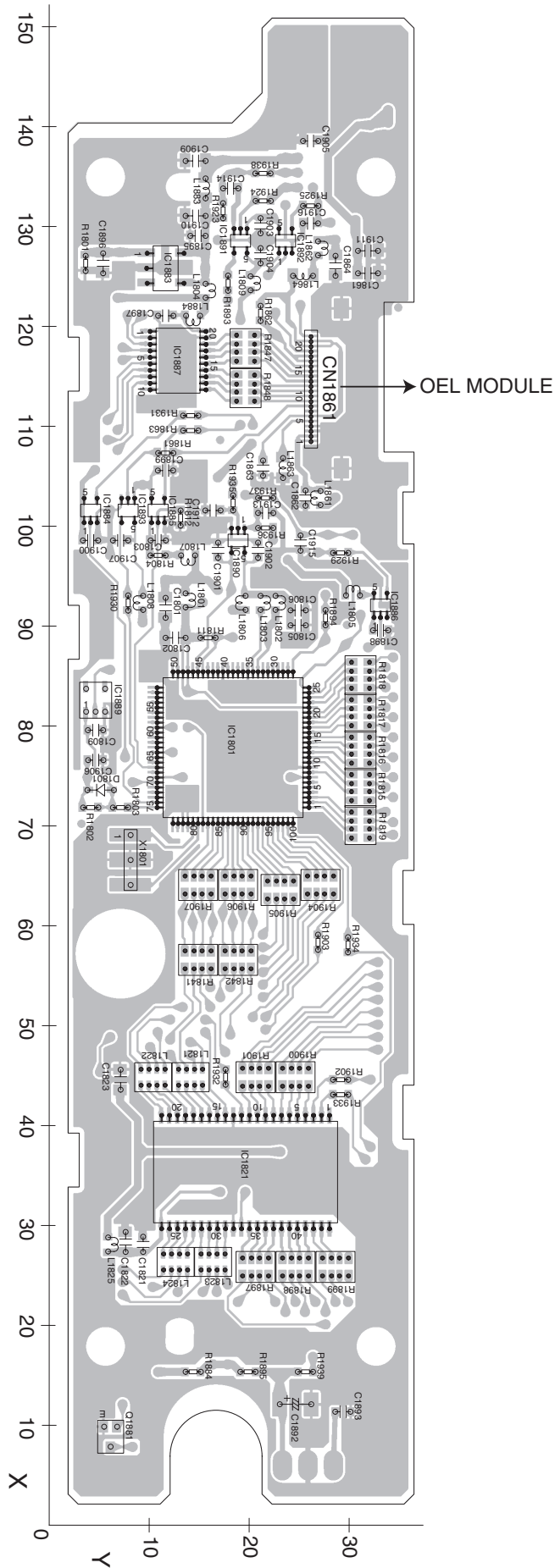
D1867



**D**

**D** DISPLAY UNIT

**SIDE B**



AXM-P90RS/EW5

**D**

# 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  $\triangle$  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

<u>Circuit Symbol and No.</u>	<u>Part No.</u>	<u>Circuit Symbol and No.</u>	<u>Part No.</u>
<b>Unit Number : CWN2574</b>		IC 501 (A,215,73) IC	OPA2134UA
<b>Unit Name : Main Unit</b>		IC 502 (A,196,75) IC	PCM1800S1
<b>Unit Number : CWN2571</b>		IC 503 (A,84,116) IC	LC89055WHS-RA8
<b>Unit Name : Display Unit</b>		IC 504 (A,107,88) IC	TC74HCT157AF
		IC 505 (A,100,118) IC	TC7SH08FUS1
		IC 506 (A,84,137) IC	PD0236BM
		IC 507 (A,94,132) IC	TC7WH34FU
		IC 508 (A,117,103) IC	TC7SH02FUS1
		IC 509 (A,103,108) IC	SM5849BF
		IC 510 (A,138,65) IC	TC7SET04FUS1
<b>Main Unit</b>		IC 511 (A,148,70) IC	DIT4096IPW
<b>Consists of</b>		IC 512 (A,183,75) IC	TC7SET04FUS1
<b>Main PCB</b>		IC 513 (A,132,72) IC	NJM2373AF
<b>Connector PCB1</b>		IC 514 (A,75,105) IC	NJM2373AF
<b>Connector PCB2</b>		IC 515 (A,182,85) IC	NJM2373AF
<b>ABC</b>		IC 602 (A,87,58) IC	PE5612A
<b>Unit Number : CWN2574</b>		IC 701 (A,90,15) IC	BD4841G
<b>Unit Name : Main Unit</b>		IC 702 (A,80,34) IC	TPD1018F
		IC 901 (A,130,24) IC	TC7WU04FU
		IC 902 (A,112,128) IC	TC7SH08FUS1
<b>MISCELLANEOUS</b>		Q 103 (B,164,102) Transistor	2SC2412K
IC 101 (A,167,98) IC	NJM2373AF	Q 104 (A,166,106) Transistor	2SD1767
IC 103 (B,159,89) IC	NJM2373AF	Q 105 (B,159,97) Transistor	2SC2412K
IC 104 (A,149,104) IC	NJM2373AF	Q 106 (A,160,98) Transistor	2SD1767
IC 105 (A,133,104) Logic IC	TC7SHU04FUS1	Q 107 (A,152,96) Transistor	2SC4226
IC 106 (A,168,49) IC	NJM2373AF	Q 108 (B,161,46) Transistor	2SC2412K
IC 107 (B,161,40) IC	NJM2373AF	Q 109 (B,165,53) Transistor	2SC2412K
IC 108 (A,150,55) IC	NJM2373AF	Q 110 (A,161,49) Transistor	2SD1767
IC 109 (A,134,54) Logic IC	TC7SHU04FUS1	Q 111 (A,167,57) Transistor	2SD1767
IC 110 (A,76,110) IC	TC7SET04FUS1	Q 112 (A,153,47) Transistor	2SC4226
IC 201 (A,222,110) IC	NJM2794RB2	Q 113 (B,134,56) Chip Transistor	DTC114EUA
IC 202 (A,194,110) IC	NJM2794RB2	Q 114 (A,132,101) Chip Transistor	DTC114EUA
IC 203 (A,229,40) IC	NJM2794RB2	Q 301 (A,165,29) Transistor	2SA1037K
IC 204 (A,226,73) Audio Selector IC	NJM2750M	Q 302 (A,165,32) Chip Transistor	DTC124EUA
IC 301 (A,201,40) IC	NJM2794RB2	Q 303 (A,169,32) Transistor	2SC4081
IC 302 (A,178,31) IC	HA12187FPS1	Q 401 (A,21,121) Transistor	2SC2412K
IC 303 (A,159,28) IC	TC7S04FU	Q 402 (B,50,123) Transistor	2SC2412K
IC 401 (A,19,118) 1 Chip or Gate	TC7SH32FUS1	Q 403 (A,138,125) Transistor	2SC2412K
IC 402 (A,49,120) 1 Chip or Gate	TC7SH32FUS1	Q 501 (A,59,97) Transistor	2SD1767
IC 403 (A,135,122) 1 Chip or Gate	TC7SH32FUS1	Q 502 (A,114,73) Chip Transistor	DTC114EUA
IC 404 (A,156,127) IC	TC7WU04FU	Q 503 (A,72,40) Chip Transistor	DTC114EUA

5		6		7		8	
<u>Circuit Symbol and No.</u>		<u>Part No.</u>		<u>Circuit Symbol and No.</u>		<u>Part No.</u>	
Q 601	(B,105,52) Chip Transistor	DTA114EUA		L 308	(A,164,15) Inductor	CTF1473	
Q 701	(A,86,15) Transistor	2SC4081		L 309	(A,200,24) Inductor	CTF1473	
Q 702	(A,54,82) Transistor	2SD1760F5		L 310	(A,173,24) Inductor	CTF1473	
Q 703	(A,21,76) Transistor	2SD2396		L 312	(A,180,17) Inductor	CTF1473	A
Q 704	(B,50,74) Transistor	IMD2A		L 401	(A,24,124) Inductor	LCTC1R8K2125	
Q 705	(A,85,37) Transistor	2SA1576A		L 402	(A,52,123) Inductor	LCTC1R8K2125	
Q 706	(A,68,33) Transistor	IMX1		L 403	(A,132,120) Inductor	LCTC1R8K2125	
Q 707	(A,21,88) Transistor	2SD2396		L 404	(A,32,113) Inductor	LCTC120K2125	
Q 708	(B,49,44) Chip Transistor	DTC114EUA		L 405	(A,35,113) Inductor	LCTC120K2125	
Q 709	(A,40,44) Transistor	2SB1243		L 406	(B,134,118) Inductor	LCTC120K2125	
Q 710	(A,74,32) Chip Transistor	DTC114EUA		L 407	(B,154,122) Inductor	LCTC120K2125	
Q 801	(A,55,56) Transistor	2SD1760F5		L 501	(A,192,85) Inductor	CTF1305	
Q 802	(B,55,49) Transistor	IMD2A		L 502	(A,192,82) Inductor	CTF1305	
Q 803	(A,21,64) Transistor	2SD2396		L 503	(A,95,76) Inductor	CTF1305	
Q 804	(A,35,51) Transistor	IMD2A		L 504	(A,61,116) Inductor	LCTAW1R0J3225	B
Q 901	(A,126,22) Transistor	2SC4453		L 505	(A,67,116) Inductor	LCTAW1R0J3225	
D 201	(A,226,7) Diode	MALS068X		L 506	(A,67,140) Inductor	LCTAW1R0J3225	
D 202	(A,237,20) Diode	MALS068X		L 507	(A,95,120) Inductor	CTF1305	
D 203	(A,230,20) Diode	MALS068X		L 508	(A,92,127) Inductor	CTF1305	
D 301	(B,170,30) Diode	1SS352		L 509	(B,113,106) Inductor	CTF1305	
D 302	(A,161,32) Diode	DAN202U		L 510	(A,98,97) Inductor	CTF1305	
D 401	(A,16,123) Diode	1SS352		L 511	(B,68,92) Inductor	LCTAW1R0J3225	
D 402	(B,43,121) Diode	1SS352		L 512	(A,139,69) Inductor	LCYC100K2125	
D 403	(A,137,133) Diode	1SS352		L 513	(A,158,72) Inductor	LCTAW1R0J3225	
D 501	(B,77,121) Diode Network	DA204U		L 514	(A,183,77) Inductor	CTF1305	C
D 502	(B,73,121) Diode Network	DA204U		L 601	(B,74,64) Inductor	LCTAW2R2J2520	
D 503	(A,107,79) Diode Network	DA204U		L 602	(A,102,52) Inductor	LCTAW2R2J2520	
D 504	(A,114,79) Diode Network	DA204U		L 603	(A,102,49) Inductor	LCTAW2R2J2520	
D 505	(B,93,142) Diode Network	DA204U		L 604	(B,67,71) Chip Coil	LCTAW100J2520	
D 506	(B,108,120) Diode Network	DA204U		L 701	(A,86,32) Inductor	LCTAW2R2J2520	
D 507	(B,104,120) Diode Network	DA204U		L 702	(A,23,34) Choke Coil 600 μH	CTH1280	
D 508	(B,93,137) Diode Network	DA204U		L 801	(A,107,130) Chip Coil	LCTAW3R3J2520	
D 509	(A,55,95) Diode	HZS4LL(A)		L 802	(A,62,43) Inductor	CTF1614	
D 510	(A,107,97) Diode Network	DA204U		L 803	(A,43,65) Inductor	CTF1489	
D 511	(A,113,97) Diode Network	DA204U		L 901	(B,129,23) Inductor	LCTAW1R0J3225	
D 701	(A,91,20) Diode	1SS352		L 902	(B,135,28) Inductor	LCTC2R7K2125	D
D 702	(A,46,76) Diode	HZS6L(B1)		L 903	(A,142,22) Inductor	CTF1407	
D 703	(A,34,82) Diode	HZS9L(B3)		TC101	(A,135,90) Trimmer	CCL1048	
D 704	(A,29,94) Diode	HZS6L(B1)		TC102	(A,137,41) Trimmer	CCL1048	
D 705	(A,49,67) Diode	ERA15-02VH		X 101	(A,141,97) Oscillator 12.288 MHz	CSS1746	
D 706	(B,89,31) Diode	DAN202U		X 102	(A,142,48) Oscillator 11.289 6 MHz	CSS1745	
D 707	(A,63,26) Diode	HZS7L(C3)		X 601	(A,86,75) Radiator 12.582 9 MHz	CSS1495	
D 708	(A,68,26) Diode	HZS7L(A1)		F 701	EMI Filter	CCG1175	
D 710	(A,78,26) Diode	ERA15-02VH		S 201	(A,218,130) Slide Switch(HI/LOW)	CSH1065	
D 711	(A,35,19) Diode	ERA15-02VH		S 202	(A,188,130) Slide Switch(HI/LOW)	CSH1065	
D 712	(A,83,26) Diode	ERA15-02VH		S 203	(A,208,92) Slide Switch(MIXING)	CSH1065	
D 713	(A,73,26) Diode	ERA15-02VH		S 401	(A,146,124) Slide Switch(TOS/COAX)	CSH1051	E
D 801	(A,95,30) Diode	HZU5R6(B2)		S 701	(A,219,9) Switch(RESET)	CSG1020	
D 805	(A,116,132) Diode	HZU6R8(B2)		△P401	(A,161,131) Fuse 3 A	CEK1286	
D 806	(A,55,47) Diode	HZU5R6(B3)		△P702	(A,29,105) Fuse 400 mA	CEK1250	
D 807	(A,35,58) Diode	HZS9L(C3)		△P801	(A,120,136) Fuse 3 A	CEK1286	
D 808	(A,110,132) Diode	HZU6R8(B2)		△	Fuse 4 A	CEK1001	
L 101	(B,146,109) Inductor	CTF1305		<b>RESISTORS</b>			
L 103	(B,147,60) Inductor	CTF1305		R 103	(A,164,98)	RN1/10SE2200D	
L 104	(B,74,111) Inductor	CTF1305		R 104	(B,169,100)	RN1/10SE5601D	
L 301	(A,182,34) Inductor	LCTC3R3K2125		R 105	(A,164,101)	RS1/10S2700D	F
L 302	(A,194,24) Inductor	CTF1473		R 106	(A,164,103)	RN1/10SE1002D	
L 303	(A,202,24) Inductor	CTF1473		R 107	(A,162,106)	RN1/10SE4701D	
L 304	(A,204,24) Inductor	CTF1473					
L 305	(A,194,25) Inductor	CTF1473					

	1	2	3	4
	<u>Circuit Symbol and No.</u>	<u>Part No.</u>	<u>Circuit Symbol and No.</u>	<u>Part No.</u>
	R 108 (B,163,93)	RN1/10SE2200D	R 242 (A,207,127)	RN1/10SE2202D
	R 109 (A,157,87)	RN1/10SE6201D	R 244 (A,201,126)	RN1/10SE2200D
	R 110 (A,159,94)	RS1/10S2700D	R 245 (A,181,129)	RN1/10SE2200D
A	R 111 (A,157,94)	RN1/10SE1002D	R 246 (B,231,101)	RN1/16SE6201D
	R 112 (A,157,98)	RN1/10SE4701D	R 247 (B,229,97)	RN1/16SE5602D
	R 113 (A,147,90)	RN1/4PC1001F	R 248 (B,217,101)	RN1/16SE6201D
	R 114 (B,154,103)	RN1/10SE2200D	R 249 (B,217,97)	RN1/16SE5602D
	R 115 (A,151,99)	RN1/4PC2202F	R 250 (B,200,97)	RN1/16SE5602D
	R 116 (A,144,90)	RN1/4PC2202F	R 251 (B,188,98)	RN1/16SE5602D
	R 117 (A,130,94)	RN1/4PC1000F	R 253 (A,210,132)	RN1/10SE1001D
	R 118 (A,138,105)	RN1/4PC4702F	R 254 (A,229,133)	RN1/10SE1001D
	R 119 (A,130,104)	RN1/16SE1200D	R 255 (A,204,132)	RN1/10SE1001D
	R 120 (B,164,44)	RN1/10SE2200D	R 256 (A,231,133)	RN1/10SE1001D
	R 121 (A,159,38)	RN1/10SE5101D	R 257 (A,176,133)	RN1/10SE1001D
B	R 122 (A,166,49)	RN1/10SE2200D	R 258 (A,196,134)	RN1/10SE1001D
	R 123 (B,170,51)	RN1/10SE5601D	R 259 (A,180,133)	RN1/10SE1001D
	R 124 (A,160,45)	RS1/10S2700D	R 260 (A,199,130)	RN1/10SE1001D
	R 125 (A,158,45)	RN1/10SE1002D	R 301 (A,164,19)	RS1/10S152J
	R 126 (A,165,52)	RS1/10S2700D	R 302 (A,182,23)	RS1/10S620J
	R 127 (A,165,54)	RN1/10SE1002D	R 303 (A,178,25)	RS1/10S101J
	R 128 (A,158,49)	RN1/10SE4701D	R 304 (A,182,25)	RS1/10S101J
	R 129 (A,163,57)	RN1/10SE4701D	R 305 (A,195,27)	RS1/16S181J
	R 130 (A,149,41)	RN1/4PC1001F	R 306 (A,205,27)	RS1/16S181J
	R 131 (A,152,50)	RN1/4PC3902F	R 307 (B,165,32)	RS1/10S562J
	R 132 (A,146,41)	RN1/4PC3902F	R 308 (A,162,29)	RS1/16S332J
C	R 133 (B,155,54)	RN1/10SE2200D	R 309 (A,197,27)	RS1/16S223J
	R 134 (A,131,45)	RN1/4PC1500F	R 310 (A,204,27)	RS1/16S223J
	R 135 (A,150,60)	RN1/10SE9101D	R 311 (A,202,27)	RS1/16S102J
	R 136 (A,153,55)	RN1/10SE1002D	R 312 (A,198,27)	RS1/16S102J
	R 137 (A,139,56)	RN1/4PC4702F	R 313 (A,172,31)	RD1/4PU560J
	R 138 (A,149,109)	RN1/10SE9101D	R 314 (B,163,30)	RS1/16S104J
	R 139 (A,152,104)	RN1/10SE1002D	R 315 (B,168,30)	RS1/16S472J
	R 141 (A,131,55)	RS1/16S47R0D	R 316 (A,176,37)	RS1/16S103J
	R 142 (A,75,113)	RN1/10SE2200D	R 317 (A,179,37)	RS1/16S681J
	R 203 (A,209,129)	RN1/10SE2200D	R 318 (A,178,37)	RS1/16S681J
D	R 204 (A,233,129)	RN1/10SE2200D	R 319 (B,194,50)	RN1/16SE6201D
	R 207 (B,201,101)	RN1/16SE6201D	R 320 (B,208,50)	RN1/16SE6201D
	R 208 (B,187,100)	RN1/16SE6201D	R 321 (B,194,54)	RN1/16SE5602D
	R 209 (B,222,49)	RN1/16SE6201D	R 322 (B,206,53)	RN1/16SE5602D
	R 210 (B,234,49)	RN1/16SE6201D	R 323 (A,182,20)	RS1/16S0R0J
	R 211 (A,229,63)	RS1/16S103J	R 324 (A,183,20)	RS1/16S0R0J
	R 212 (A,228,63)	RS1/16S103J	R 401 (A,20,134)	RS1/16S102J
	R 219 (A,219,70)	RN1/16SE4701D	R 402 (A,48,123)	RS1/16S102J
	R 220 (A,219,75)	RN1/16SE4701D	R 403 (B,134,136)	RS1/16S102J
	R 221 (A,227,22)	RS1/16S223J	R 404 (A,21,124)	RS1/16S102J
	R 222 (A,235,22)	RS1/16S223J	R 405 (A,46,123)	RS1/16S102J
E	R 223 (A,227,20)	RS1/16S0R0J	R 406 (B,136,136)	RS1/16S102J
	R 224 (A,234,19)	RS1/16S0R0J	R 407 (A,17,121)	RS1/16S473J
	R 225 (A,232,20)	RS1/16S0R0J	R 408 (B,45,121)	RS1/16S473J
	R 228 (A,198,134)	RN1/10SE1001D	R 409 (A,137,130)	RS1/16S473J
	R 229 (A,176,135)	RN1/10SE1001D	R 410 (A,17,120)	RS1/16S102J
	R 230 (A,197,130)	RN1/10SE1001D	R 411 (A,45,120)	RS1/16S102J
	R 231 (A,180,135)	RN1/10SE1001D	R 412 (A,137,128)	RS1/16S102J
	R 232 (A,227,133)	RN1/10SE1001D	R 413 (A,20,115)	RS1/16S470J
	R 233 (A,206,132)	RN1/10SE1001D	R 414 (A,49,118)	RS1/16S470J
	R 234 (A,233,133)	RN1/10SE1001D	R 415 (A,142,120)	RS1/16S470J
F	R 235 (A,208,132)	RN1/10SE1001D	R 416 (A,138,143)	RS1/16S0R0J
	R 238 (A,198,126)	RN1/10SE2202D	R 417 (A,153,135)	RS1/16S0R0J
	R 239 (A,178,130)	RN1/10SE2202D	R 418 (A,155,132)	RS1/16S101J
	R 241 (A,230,129)	RN1/10SE2202D	R 419 (A,155,131)	RS1/16S104J

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<u>Circuit Symbol and No.</u>		<u>Part No.</u>		<u>Circuit Symbol and No.</u>		<u>Part No.</u>	
R 421	(A,158,131)	RS1/16S101J	RS1/16S101J	R 606	(A,77,47)	RS1/16S102J	RS1/16S102J
R 422	(A,155,122)	RS1/16S101J	RS1/16S101J	R 607	(A,79,47)	RS1/16S102J	RS1/16S102J
R 423	(B,153,138)	RS1/16S750J	RS1/16S750J	R 609	(A,87,70)	RS1/16S102J	RS1/16S102J
R 424	(A,158,123)	RS1/16S222J	RS1/16S222J	R 610	(A,91,43)	RS1/16S0R0J	RS1/16S0R0J
R 501	(A,213,68)	RN1/16SE4701D	RN1/16SE4701D	R 611	(B,93,66)	RS1/16S473J	RS1/16S473J
R 502	(A,215,78)	RN1/16SE4701D	RN1/16SE4701D	R 612	(B,95,66)	RS1/16S473J	RS1/16S473J
R 503	(A,196,68)	RS1/16S103J	RS1/16S103J	R 614	(B,94,50)	RS1/16S473J	RS1/16S473J
R 504	(A,188,82)	RS1/16S561J	RS1/16S561J	R 618	(B,93,60)	RS1/16S473J	RS1/16S473J
R 505	(A,188,79)	RAB4C471J	RAB4C471J	R 619	(B,93,58)	RS1/16S473J	RS1/16S473J
R 506	(A,89,106)	RAB4C101J	RAB4C101J	R 620	(B,93,57)	RS1/16S473J	RS1/16S473J
R 507	(A,90,121)	RS1/16S103J	RS1/16S103J	R 621	(A,102,58)	RS1/16S473J	RS1/16S473J
R 508	(A,84,109)	RS1/16S103J	RS1/16S103J	R 622	(A,102,56)	RS1/16S473J	RS1/16S473J
R 509	(A,86,106)	RS1/16S101J	RS1/16S101J	R 623	(A,102,55)	RS1/16S473J	RS1/16S473J
R 510	(A,81,123)	RS1/16S103J	RS1/16S103J	R 624	(B,100,60)	RS1/16S473J	RS1/16S473J
R 511	(A,83,124)	RS1/16S512J	RS1/16S512J	R 625	(B,99,60)	RS1/16S473J	RS1/16S473J
R 512	(A,84,128)	RS1/16S752J	RS1/16S752J	R 626	(A,85,46)	RS1/16S473J	RS1/16S473J
R 513	(B,81,127)	RS1/16S750J	RS1/16S750J	R 627	(A,87,46)	RS1/16S473J	RS1/16S473J
R 514	(A,76,98)	RS1/16S101J	RS1/16S101J	R 628	(A,100,66)	RS1/16S102J	RS1/16S102J
R 515	(A,71,46)	RS1/16S101J	RS1/16S101J	R 701	(A,86,18)	RS1/16S102J	RS1/16S102J
R 516	(A,76,121)	RAB4C221J	RAB4C221J	R 702	(B,200,6)	RS1/16S472J	RS1/16S472J
R 517	(A,90,127)	RS1/16S681J	RS1/16S681J	R 703	(A,82,14)	RS1/16S473J	RS1/16S473J
R 518	(A,111,79)	RAB4C101J	RAB4C101J	R 704	(A,91,18)	RS1/16S822J	RS1/16S822J
R 519	(A,103,118)	RS1/16S221J	RS1/16S221J	R 705	(A,53,75)	RS1/16S223J	RS1/16S223J
R 520	(A,107,119)	RAB4C221J	RAB4C221J	R 706	(A,17,77)	RS1/10S1R0J	RS1/10S1R0J
R 521	(A,93,139)	RAB4C101J	RAB4C101J	R 707	(A,84,40)	RS1/16S102J	RS1/16S102J
R 522	(A,116,106)	RS1/16S102J	RS1/16S102J	R 708	(A,52,72)	RS1/10S472J	RS1/10S472J
R 523	(A,94,115)	RS1/16S152J	RS1/16S152J	R 709	(A,88,37)	RS1/16S472J	RS1/16S472J
R 524	(A,96,115)	RS1/16S272J	RS1/16S272J	R 711	(A,88,35)	RS1/16S472J	RS1/16S472J
R 525	(A,58,93)	RS1/16S271J	RS1/16S271J	R 712	(A,28,88)	RS1/16S392J	RS1/16S392J
R 526	(A,102,98)	RS1/16S272J	RS1/16S272J	R 713	(B,63,32)	RS1/16S104J	RS1/16S104J
R 528	(B,104,103)	RS1/16S222J	RS1/16S222J	R 714	(B,68,32)	RS1/16S103J	RS1/16S103J
R 529	(A,110,97)	RAB4C101J	RAB4C101J	R 715	(A,29,73)	RD1/4PU821J	RD1/4PU821J
R 530	(A,141,65)	RN1/10SE2200D	RN1/10SE2200D	R 716	(A,88,32)	RS1/16S153J	RS1/16S153J
R 531	(B,144,68)	RS1/16S103J	RS1/16S103J	R 717	(A,63,32)	RS1/16S473J	RS1/16S473J
R 532	(B,145,68)	RS1/16S103J	RS1/16S103J	R 718	(B,66,29)	RS1/16S473J	RS1/16S473J
R 533	(A,154,75)	RS1/16S103J	RS1/16S103J	R 719	(A,82,40)	RS1/16S102J	RS1/16S102J
R 534	(A,149,77)	RS1/16S103J	RS1/16S103J	R 720	(A,45,44)	RD1/4PU152J	RD1/4PU152J
R 535	(A,147,77)	RS1/16S103J	RS1/16S103J	R 721	(B,43,44)	RS1/16S223J	RS1/16S223J
R 536	(B,148,74)	RS1/16S103J	RS1/16S103J	R 722	(B,71,25)	RS1/16S472J	RS1/16S472J
R 537	(B,145,74)	RS1/16S103J	RS1/16S103J	R 723	(B,73,32)	RS1/16S103J	RS1/16S103J
R 538	(A,144,76)	RS1/16S103J	RS1/16S103J	R 724	(A,35,106)	RS1/10S0R0J	RS1/10S0R0J
R 539	(A,143,76)	RS1/16S103J	RS1/16S103J	R 725	(A,35,109)	RS1/10S0R0J	RS1/10S0R0J
R 540	(A,141,76)	RS1/16S103J	RS1/16S103J	R 801	(A,120,140)	RS1/10S2R2J	RS1/10S2R2J
R 541	(B,139,75)	RN1/16SE1000D	RN1/16SE1000D	R 802	(A,109,23)	RS1/8S222J	RS1/8S222J
R 542	(A,187,75)	RN1/10SE2200D	RN1/10SE2200D	R 803	(A,111,23)	RS1/8S222J	RS1/8S222J
R 543	(A,137,72)	RN1/10SE2200D	RN1/10SE2200D	R 804	(A,116,130)	RS1/16S102J	RS1/16S102J
R 544	(A,132,68)	RN1/10SE1002D	RN1/10SE1002D	R 806	(A,58,46)	RS1/16S222J	RS1/16S222J
R 545	(A,135,72)	RN1/10SE4302D	RN1/10SE4302D	R 807	(A,57,46)	RS1/16S1R0J	RS1/16S1R0J
R 546	(A,135,69)	RN1/10SE4702D	RN1/10SE4702D	R 808	(A,30,63)	RS1/16S222J	RS1/16S222J
R 547	(A,75,108)	RN1/10SE2200D	RN1/10SE2200D	R 809	(B,59,52)	RS1/8S152J	RS1/8S152J
R 548	(A,79,108)	RN1/10SE4702D	RN1/10SE4702D	R 810	(A,30,65)	RS1/10S1R0J	RS1/10S1R0J
R 549	(A,80,105)	RN1/10SE9101D	RN1/10SE9101D	R 811	(A,43,51)	RD1/4PU391J	RD1/4PU391J
R 550	(A,75,103)	RN1/10SE2202D	RN1/10SE2202D	R 812	(A,95,26)	RS1/16S1503D	RS1/16S1503D
R 551	(A,180,79)	RN1/10SE4702D	RN1/10SE4702D	R 813	(A,93,26)	RS1/16S102J	RS1/16S102J
R 552	(A,183,80)	RN1/10SE2200D	RN1/10SE2200D	R 814	(A,95,27)	RS1/16S4702D	RS1/16S4702D
R 553	(A,180,81)	RN1/10SE1002D	RN1/10SE1002D	R 901	(A,126,27)	RN1/16SE1101D	RN1/16SE1101D
R 554	(A,179,85)	RN1/10SE4302D	RN1/10SE4302D	R 902	(A,126,25)	RN1/16SE1001D	RN1/16SE1001D
R 603	(A,73,54)	RS1/16S681J	RS1/16S681J	R 903	(B,132,27)	RN1/16SE3900D	RN1/16SE3900D
R 604	(B,76,64)	RS1/16S473J	RS1/16S473J	R 904	(A,113,131)	RS1/16S104J	RS1/16S104J
R 605	(B,92,66)	RS1/16S473J	RS1/16S473J	R 905	(A,114,125)	RS1/16S102J	RS1/16S102J

	1	2	3	4
	<u>Circuit Symbol and No.</u>	<u>Part No.</u>	<u>Circuit Symbol and No.</u>	<u>Part No.</u>
	<b>CAPACITORS</b>			
			C 226 (A,186,111) 10 μF/50 V	CCH1759
			C 227 (B,197,110)	CKSRYP104K16
A	C 102 (A,166,90)	CASA221M10	C 228 (A,200,111) 22 μF/50 V	CCH1757
	C 103 (A,167,101)	CKSRYP103K50	C 229 (A,214,111) 10 μF/50 V	CCH1759
	C 104 (B,168,90)	CKSRYP103K50	C 230 (B,225,110)	CKSRYP104K16
	C 105 (A,157,105)	CASAQ330M10	C 231 (A,229,111) 22 μF/50 V	CCH1757
	C 106 (B,159,104)	CKSRYP103K50	C 232 (A,205,118) 10 μF/16 V	CCH1747
	C 107 (A,158,90)	CKSRYP103K50	C 233 (A,190,118) 10 μF/16 V	CCH1747
	C 108 (A,153,89)	CASAQ330M10	C 234 (A,197,118) 10 μF/16 V	CCH1747
	C 109 (A,155,95)	CKSRYP103K50	C 235 (A,182,118) 10 μF/16 V	CCH1747
	C 110 (A,149,96)	CCSRCH101J50	C 236 (A,235,118) 10 μF/16 V	CCH1747
	C 111 (B,149,89)	CCSRCH101J50	C 237 (A,220,118) 10 μF/16 V	CCH1747
	C 112 (A,143,105)	CASAQ330M10	C 238 (A,227,118) 10 μF/16 V	CCH1747
	C 113 (B,146,104)	CKSRYP103K50	C 239 (A,212,118) 10 μF/16 V	CCH1747
B	C 114 (A,138,91)	CCSRCK2R0C50	C 240 (B,215,143)	CCSRCH102J50
	C 115 (B,154,108)	CKSRYP103K50	C 241 (B,212,137)	CCSRCH102J50
	C 116 (A,133,97)	CFHXS473J16	C 242 (B,230,137)	CCSRCH102J50
	C 117 (B,148,106)	CSZS1R0M16	C 243 (B,233,143)	CCSRCH102J50
	C 118 (A,133,106)	CKSRYP103K50	C 244 (B,194,137)	CCSRCH102J50
	C 121 (A,75,115)	CFHXS473J16	C 245 (B,197,143)	CCSRCH102J50
	C 122 (A,167,41)	CASA221M10	C 246 (B,176,137)	CCSRCH102J50
	C 123 (A,165,61)	CKSRYP103K50	C 247 (B,179,143)	CCSRCH102J50
	C 124 (A,159,41)	CKSRYP103K50	C 248 (A,227,97) 10 μF/16 V	CCH1747
	C 125 (A,168,52)	CKSRYP103K50	C 249 (A,220,97) 10 μF/16 V	CCH1747
	C 126 (A,158,56)	CASAQ330M10	C 250 (A,197,97) 10 μF/16 V	CCH1747
C	C 127 (A,154,40)	CASAQ330M10	C 251 (A,190,97) 10 μF/16 V	CCH1747
	C 128 (B,155,59)	CKSRYP103K50	C 252 (A,225,54) 10 μF/16 V	CCH1747
	C 129 (A,156,46)	CKSRYP103K50	C 253 (A,232,54) 10 μF/16 V	CCH1747
	C 130 (A,150,47)	CCSRCH101J50	C 254 (B,233,140)	CCSRCH102J50
	C 131 (B,151,40)	CCSRCH101J50	C 255 (B,178,133)	CCSRCH102J50
	C 132 (A,150,58)	CKSRYP103K50	C 301 (A,200,27)	CKSRYP104K16
	C 133 (A,140,42)	CCSRCK2R0C50	C 302 (A,161,24)	CKSRYP104K16
	C 134 (A,144,56)	CASAQ330M10	C 303 (A,189,32) 10 μF/16 V	CCH1747
	C 135 (A,134,48)	CFHXS473J16	C 304 (A,196,32) 10 μF/16 V	CCH1747
	C 136 (B,147,55)	CKSRYP103K50	C 305 (A,211,32) 10 μF/16 V	CCH1747
	C 137 (B,160,55)	CKSRYP103K50	C 306 (A,204,32) 10 μF/16 V	CCH1747
D	C 138 (B,150,57)	CSZS1R0M16	C 307 (A,182,30)	CKSRYP104K16
	C 139 (A,135,56)	CKSRYP103K50	C 308 (A,169,29)	CCSRCH101J50
	C 141 (A,133,59)	CCSRCH101J50	C 309 (B,182,34)	CCSRCH101J50
	C 142 (A,133,57)	CCSRCH470J50	C 310 (A,208,39) 10 μF/50 V	CCH1759
	C 143 (A,149,107)	CKSRYP103K50	C 311 (B,199,41)	CKSRYP473K50
	C 144 (A,74,110)	CKSRYP103K50	C 312 (A,191,47) 22 μF/16 V	CCH1748
	C 145 (A,129,101)	CCSRCH470J50	C 313 (A,210,47) 22 μF/16 V	CCH1748
	C 209 (A,233,104) 22 μF/16 V	CCH1748	C 314 (A,161,28)	CKSRYP104K50
	C 210 (A,215,104) 22 μF/16 V	CCH1748	C 315 (A,193,39) 22 μF/50 V	CCH1757
	C 211 (A,204,104) 22 μF/16 V	CCH1748	C 316 (B,197,11)	CCSRCH102J50
E	C 212 (A,185,104) 22 μF/16 V	CCH1748	C 317 (A,202,16)	CCSRCH102J50
	C 213 (A,219,47) 22 μF/16 V	CCH1748	C 318 (B,200,20)	CCSRCH102J50
	C 214 (A,237,47) 22 μF/16 V	CCH1748	C 319 (B,195,11)	CCSRCH102J50
	C 215 (A,225,82)	CEJQ101M16	C 320 (A,197,54) 10 μF/16 V	CCH1747
	C 216 (A,218,63) 22 μF/16 V	CCH1577	C 321 (A,204,54) 10 μF/16 V	CCH1747
	C 217 (A,224,65)	CKSRYP223K50	C 401 (A,18,134)	CKSRYP104K16
	C 218 (A,224,67)	CCSRCH101J50	C 402 (A,50,123)	CKSRYP104K16
	C 219 (A,219,33) 10 μF/16 V	CCH1747	C 403 (B,133,136)	CKSRYP104K16
	C 220 (A,232,29) 10 μF/16 V	CCH1747	C 404 (A,16,134)	CKSRYP104K16
	C 221 (A,225,29) 10 μF/16 V	CCH1747	C 405 (B,46,126)	CKSRYP104K16
	C 222 (A,238,33) 10 μF/16 V	CCH1747	C 407 (A,21,129) 10 μF/50 V	CCH1756
F	C 223 (A,236,39) 10 μF/50 V	CCH1759	C 408 (A,57,122) 10 μF/50 V	CCH1756
	C 224 (B,226,41)	CKSRYP104K50	C 409 (A,132,125) 10 μF/50 V	CCH1756
	C 225 (A,221,39) 22 μF/50 V	CCH1757	C 410 (A,22,117)	CKSRYP104K16



5		6		7		8	
<u>Circuit Symbol and No.</u>		<u>Part No.</u>		<u>Circuit Symbol and No.</u>		<u>Part No.</u>	
C 411	(A,52,120)	CKSRYB104K16	CKSRYB104K16	C 547	(B,119,104)	CKSYB106K6R3	CKSRYB104K50
C 412	(A,136,118)	CKSRYB104K16	CKSRYB104K16	C 548	(A,94,112)	CKSRYB104K50	CKSRYB104K50
C 413	(A,25,121)	CKSRYB104K16	CKSRYB104K16	C 549	(B,107,114)	CKSRYB104K50	CKSRYB104K50
C 414	(B,53,122)	CKSRYB104K16	CKSRYB104K16	C 550	(A,95,98) 22 $\mu$ F/6.3 V	CCH1426	CCH1426
C 415	(A,138,122)	CKSRYB104K16	CKSRYB104K16	C 551	(A,72,97)	CEJQ100M16	CEJQ100M16
C 416	(A,17,115)	CCSRCH220J50	CCSRCH220J50	C 552	(B,69,96)	CKSRYB473K50	CKSRYB473K50
C 417	(A,45,118)	CCSRCH220J50	CCSRCH220J50	C 553	(B,63,96)	CKSRYB473K50	CKSRYB473K50
C 418	(A,145,120)	CCSRCH220J50	CCSRCH220J50	C 554	(A,66,97)	CEJQ470M10	CEJQ470M10
C 419	(B,32,113)	CKSRYB104K16	CKSRYB104K16	C 555	(A,51,94)	CEJQ100M16	CEJQ100M16
C 420	(B,35,113)	CKSRYB104K16	CKSRYB104K16	C 556	(A,42,98)	CASA100M10	CASA100M10
C 421	(A,138,120)	CKSRYB104K16	CKSRYB104K16	C 557	(B,107,101)	CKSRYB104K50	CKSRYB104K50
C 422	(B,153,136)	CCSRCH102J50	CCSRCH102J50	C 558	(B,96,103)	CKSRYB104K50	CKSRYB104K50
C 423	(A,155,134)	CKSRYB103K50	CKSRYB103K50	C 559	(A,103,98)	CCSRCH102J50	CCSRCH102J50
C 424	(A,158,122)	CCSRCH470J50	CCSRCH470J50	C 560	(B,140,62)	CCSRCH101J50	CCSRCH101J50
C 425	(B,156,122)	CKSRYB104K16	CKSRYB104K16	C 561	(A,112,76)	CCSRCH101J50	CCSRCH101J50
C 501	(A,213,66)	CCSRCH151J50	CCSRCH151J50	C 562	(A,140,68)	CKSRYB103K50	CKSRYB103K50
C 502	(B,215,74)	CKSRYB224K16	CKSRYB224K16	C 563	(A,151,75)	CKSRYB103K50	CKSRYB103K50
C 503	(A,215,79)	CCSRCH151J50	CCSRCH151J50	C 564	(B,139,69)	CKSYB106K6R3	CKSYB106K6R3
C 504	(A,208,69) 1 $\mu$ F/50 V	CCH1725	CCH1725	C 565	(A,154,71)	CCSRCH101J50	CCSRCH101J50
C 505	(A,208,77) 1 $\mu$ F/50 V	CCH1725	CCH1725	C 566	(A,158,65)	CASA100M10	CASA100M10
C 506	(A,196,70)	CCSRCH102J50	CCSRCH102J50	C 567	(A,148,65)	CKSRYB103K50	CKSRYB103K50
C 507	(B,196,66)	CSZS4R7M16	CSZS4R7M16	C 568	(A,160,75)	CKSRYB473K50	CKSRYB473K50
C 508	(B,196,77)	CSZS4R7M16	CSZS4R7M16	C 570	(B,184,76)	CKSRYB103K50	CKSRYB103K50
C 509	(A,190,71)	CCSRCH471J50	CCSRCH471J50	C 571	(A,135,63)	CFHXS473J16	CFHXS473J16
C 510	(A,190,74)	CCSRCH471J50	CCSRCH471J50	C 572	(A,132,70)	CKSRYB103K50	CKSRYB103K50
C 511	(B,191,72)	CKSRYB104K16	CKSRYB104K16	C 573	(A,130,110)	CFHXS473J16	CFHXS473J16
C 512	(B,191,74)	CKSRYB104K16	CKSRYB104K16	C 574	(A,78,105)	CKSRYB103K50	CKSRYB103K50
C 513	(A,196,85)	CSZSR100M16	CSZSR100M16	C 575	(A,181,74)	CFHXS473J16	CFHXS473J16
C 514	(A,196,82)	CKSYB106K6R3	CKSYB106K6R3	C 576	(A,182,82)	CKSRYB103K50	CKSRYB103K50
C 515	(A,113,88)	CCSRCH220J50	CCSRCH220J50	C 601	(B,75,59)	CKSRYB103K50	CKSRYB103K50
C 516	(A,192,87)	CKSRYB104K50	CKSRYB104K50	C 602	(B,83,67)	CKSRYB103K50	CKSRYB103K50
C 517	(A,90,116)	CKSRYB104K16	CKSRYB104K16	C 603	(B,85,67)	CKSRYB105K10	CKSRYB105K10
C 518	(A,89,121)	CKSRYB103K50	CKSRYB103K50	C 604	(A,85,70)	CCSRCH270J50	CCSRCH270J50
C 519	(A,180,93)	CKSRYB224K16	CKSRYB224K16	C 605	(A,89,70)	CCSRCH270J50	CCSRCH270J50
C 521	(A,84,110)	CKSRYB104K16	CKSRYB104K16	C 606	(B,101,51)	CKSRYB103K50	CKSRYB103K50
C 522	(B,84,117)	CKSRYB104K16	CKSRYB104K16	C 607	(A,98,49)	CKSRYB103K50	CKSRYB103K50
C 523	(A,86,128)	CFHXSQ103J16	CFHXSQ103J16	C 609	(B,103,51)	CCSRCH101J50	CCSRCH101J50
C 524	(A,79,127)	CFHXSP104J16	CFHXSP104J16	C 610	(B,99,48)	CCSRCH101J50	CCSRCH101J50
C 525	(A,82,128)	CFHXSQ103J16	CFHXSQ103J16	C 611	(B,70,71)	CKSYB475K10	CKSYB475K10
C 526	(A,67,130)	CFHXSP104J16	CFHXSP104J16	C 612	(B,72,71)	CKSRYB103K50	CKSRYB103K50
C 527	(B,110,92)	CKSRYB104K50	CKSRYB104K50	C 613	(B,65,71)	CKSRYB104K16	CKSRYB104K16
C 528	(A,63,122)	CEJQ100M16	CEJQ100M16	C 701	(A,88,18)	CCSRCH102J50	CCSRCH102J50
C 529	(A,69,122)	CEJQ100M16	CEJQ100M16	C 702	(A,82,15)	CKSRYB103K50	CKSRYB103K50
C 530	(A,96,81) 10 $\mu$ F/10 V	CCH1424	CCH1424	C 703	(A,94,14)	CKSQYB225K10	CKSQYB225K10
C 531	(B,64,118)	CKSRYB473K50	CKSRYB473K50	C 704	(A,64,79)	CEJQ470M10	CEJQ470M10
C 532	(B,70,118)	CKSRYB473K50	CKSRYB473K50	C 705	(A,59,79)	CKSRYB103K50	CKSRYB103K50
C 533	(B,80,116)	CKSRYB104K16	CKSRYB104K16	C 706	(A,48,78)	CKSRYB472K50	CKSRYB472K50
C 534	(A,66,114)	CKSRYB473K50	CKSRYB473K50	C 707	(A,43,88) 330 $\mu$ F/16 V	CCH1754	CCH1754
C 535	(A,62,114)	CKSRYB473K50	CKSRYB473K50	C 708	(B,32,82)	CKSRYB103K50	CKSRYB103K50
C 536	(A,56,110)	CEJQ470M10	CEJQ470M10	C 709	(A,12,102) 47 $\mu$ F/25 V	CCH1538	CCH1538
C 537	(A,49,110)	CEJQ470M10	CEJQ470M10	C 710	(A,25,107)	CKSRYB103K50	CKSRYB103K50
C 538	(A,97,76)	CKSRYB473K50	CKSRYB473K50	C 711	(A,60,68) 1 500 $\mu$ F/16 V	CCH1312	CCH1312
C 539	(A,63,138)	CKSRYB473K50	CKSRYB473K50	C 712	(A,41,76)	CEJQ101M16	CEJQ101M16
C 540	(A,73,141)	CEJQ100M16	CEJQ100M16	C 713	(B,26,94)	CKSRYB472K50	CKSRYB472K50
C 541	(A,78,142)	CKSRYB104K50	CKSRYB104K50	C 714	(A,33,93)	CEJQ100M16	CEJQ100M16
C 542	(A,100,120)	CKSRYB103K50	CKSRYB103K50	C 715	(A,34,73)	CEJQ101M16	CEJQ101M16
C 543	(B,99,120)	CKSYB106K6R3	CKSYB106K6R3	C 716	(B,86,32)	CKSRYB104K16	CKSRYB104K16
C 544	(A,97,131)	CKSRYB104K50	CKSRYB104K50	C 717	(B,66,24)	CKSRYB104K16	CKSRYB104K16
C 545	(A,91,132)	CKSYB106K6R3	CKSYB106K6R3	C 718	(B,76,32)	CKSQYB105K16	CKSQYB105K16
C 546	(A,115,103)	CKSRYB103K50	CKSRYB103K50	C 719	(B,82,33)	CKSYB225K16	CKSYB225K16

	1	2	3	4
	<u>Circuit Symbol and No.</u>	<u>Part No.</u>	<u>Circuit Symbol and No.</u>	<u>Part No.</u>
	C 721 (B,79,33)	CKSRYB104K16	L 1824 (B,26,13) Inductor-Array	CTF1421
	C 722 (A,49,29) 4 700 µF/16 V	CCH1752	L 1825 (B,28,6) Inductor	LCYBR22J1608
A	C 723 (A,39,29)	CKSRYB104K16	L 1861 (B,103,27) Inductor	LCYBR22J1608
	C 802 (A,106,132)	CKSRYB103K50	L 1862 (B,128,27) Inductor	LCYBR22J1608
	C 803 (A,65,46)	CCSRCH101J50	L 1863 (B,106,23) Inductor	CTF1295
	C 805 (A,63,46)	CKSRYB105K6R3	L 1864 (B,125,25) Inductor	CTF1305
	C 806 (A,43,56)	CEJQ101M16	L 1883 (B,134,16) Inductor	CTF1305
	C 807 (A,60,46)	CKSRYB104K16	L 1884 (B,121,14) Inductor	CTF1389
	C 808 (A,63,51)	CEJQ470M10	X 1801 (B,67,8) Radiator 3.77 MHz OEL Module	CSS1427 MXK8203
	C 809 (B,43,56)	CKSQYB225K10		
	C 810 (A,52,46)	CKSRYB103K50		
	C 811 (A,36,66)	CEJQ470M10		

### RESISTORS

	C 812 (A,30,67)	CKSRYB104K16	R 1801 (B,126,4)	RS1/16S222J
B	C 813 (A,28,58)	CKSRYB103K50	R 1802 (B,72,4)	RS1/16S822J
	C 814 (A,95,29)	CKSRYB104K50	R 1803 (B,72,7)	RS1/16S102J
	C 816 (A,128,118)	CKSQYB105K16	R 1804 (B,97,11)	RS1/16S102J
	C 817 (A,103,133)	CKSRYB103K50	R 1811 (B,89,16)	RS1/16S473J
	C 821 ()	CKSRYB473K50	R 1812 (B,101,13)	RS1/16S473J
	C 901 (B,126,23)	CKSYB106K6R3	R 1815 (B,74,31)	RAB4C221J
	C 902 (A,133,22)	CKSRYB103K50	R 1816 (B,78,31)	RAB4C221J
	C 903 (A,126,28)	CCSRCH150J50	R 1817 (B,81,31)	RAB4C221J
	C 904 (B,135,22)	CKSYB106K6R3	R 1818 (B,85,31)	RAB4C221J
	C 905 (B,132,23)	CKSRYB104K16	R 1819 (B,70,31)	RAB4C221J
	C 907 (A,115,125)	CCSRCH102J50	R 1841 (B,57,15)	RAB4C101J
C	C 908 (A,114,128)	CKSRYB104K50	R 1842 (B,57,19)	RAB4C101J
			R 1847 (B,118,20)	RAB4C101J
			R 1848 (B,114,20)	RAB4C101J

			R 1861 (B,107,12)	RS1/16S101J
			R 1862 (B,121,21)	RS1/16S473J
			R 1863 (B,110,14)	RS1/16S152J
			R 1884 (B,15,14)	RS1/16S821J
			R 1893 (B,124,18)	RS1/16S222J

			R 1894 (B,91,28)	RS1/16S222J
			R 1895 (B,15,20)	RS1/16S101J
			R 1897 (B,26,21)	RAB4C102J
D			R 1898 (B,26,25)	RAB4C102J
			R 1899 (B,26,29)	RAB4C102J

			R 1900 (B,45,25)	RAB4C102J
			R 1901 (B,45,21)	RAB4C102J
			R 1902 (B,45,29)	RS1/16S102J
			R 1903 (B,58,27)	RS1/16S221J
			R 1904 (B,64,27)	RAB4C221J

			R 1905 (B,64,23)	RAB4C221J
			R 1906 (B,64,19)	RAB4C221J
			R 1907 (B,64,15)	RAB4C221J
			R 1923 (B,132,17)	RS1/16S104J
E			R 1924 (B,133,21)	RS1/16S222J

			R 1925 (B,132,26)	RS1/16S222J
			R 1929 (B,97,29)	RS1/16S101J
			R 1930 (B,92,8)	RS1/16S101J
			R 1931 (B,111,14)	RS1/16S101J
			R 1932 (B,45,18)	RS1/16S101J

			R 1933 (B,43,29)	RS1/16S102J
			R 1934 (B,58,30)	RS1/16S221J
			R 1935 (B,102,18)	RS1/16S0R0J
			R 1936 (B,100,22)	RS1/16S0R0J
F			R 1937 (B,103,22)	RS1/16S0R0J

			R 1938 (B,135,21)	RS1/16S0R0J
			R 1939 (B,15,26)	RS1/16S473J

**D**

Unit Number: CWN2571

Unit Name : Display Unit

### MISCELLANEOUS

	IC 1801 (B,78,18) IC	PD6573A		
	IC 1821 (B,35,20) IC	PD8176A		
	IC 1883 (B,126,12) IC	S-818A33AUC-BGN		
D	IC 1884 (B,102,4) L-MOS And Gate	TC7SET08FUS1		
	IC 1885 (B,102,11) L-MOS And Gate	TC7SET08FUS1		

			R 1900 (B,45,25)	RAB4C102J
			R 1901 (B,45,21)	RAB4C102J
			R 1902 (B,45,29)	RS1/16S102J
			R 1903 (B,58,27)	RS1/16S221J
			R 1904 (B,64,27)	RAB4C221J

			R 1905 (B,64,23)	RAB4C221J
			R 1906 (B,64,19)	RAB4C221J
			R 1907 (B,64,15)	RAB4C221J
			R 1923 (B,132,17)	RS1/16S104J
E			R 1924 (B,133,21)	RS1/16S222J

			R 1925 (B,132,26)	RS1/16S222J
			R 1929 (B,97,29)	RS1/16S101J
			R 1930 (B,92,8)	RS1/16S101J
			R 1931 (B,111,14)	RS1/16S101J
			R 1932 (B,45,18)	RS1/16S101J

			R 1933 (B,43,29)	RS1/16S102J
			R 1934 (B,58,30)	RS1/16S221J
			R 1935 (B,102,18)	RS1/16S0R0J
			R 1936 (B,100,22)	RS1/16S0R0J
F			R 1937 (B,103,22)	RS1/16S0R0J

			R 1938 (B,135,21)	RS1/16S0R0J
			R 1939 (B,15,26)	RS1/16S473J

	IC 1886 (B,92,33) L-MOS And Gate	TC7SET08FUS1		
	IC 1887 (B,117,13) IC	TC74VHCT541AFTS1		
	IC 1889 (B,83,5) IC	BD4827G		
	IC 1890 (B,99,19) IC	TC7SH08FUS1		
	IC 1891 (B,129,19) IC	TC7SH08FUS1		

			R 1905 (B,64,23)	RAB4C221J
			R 1906 (B,64,19)	RAB4C221J
			R 1907 (B,64,15)	RAB4C221J
			R 1923 (B,132,17)	RS1/16S104J
E			R 1924 (B,133,21)	RS1/16S222J

			R 1925 (B,132,26)	RS1/16S222J
			R 1929 (B,97,29)	RS1/16S101J
			R 1930 (B,92,8)	RS1/16S101J
			R 1931 (B,111,14)	RS1/16S101J
			R 1932 (B,45,18)	RS1/16S101J

			R 1933 (B,43,29)	RS1/16S102J
			R 1934 (B,58,30)	RS1/16S221J
			R 1935 (B,102,18)	RS1/16S0R0J
			R 1936 (B,100,22)	RS1/16S0R0J
F			R 1937 (B,103,22)	RS1/16S0R0J

			R 1938 (B,135,21)	RS1/16S0R0J
			R 1939 (B,15,26)	RS1/16S473J

	IC 1892 (B,129,24) L-MOS And Gate	TC7SET08FUS1		
	IC 1893 (B,102,8) IC	TC7SH08FUS1		
	IC 1894 (A,11,26) Remote IC	GP1UX51RK		
	Q 1881 (B,9,6) Digital Transistor	DTC143EUA		
E	D 1801 (B,74,5) Diode	1SS355		

			R 1925 (B,132,26)	RS1/16S222J
			R 1929 (B,97,29)	RS1/16S101J
			R 1930 (B,92,8)	RS1/16S101J
			R 1931 (B,111,14)	RS1/16S101J
			R 1932 (B,45,18)	RS1/16S101J

			R 1933 (B,43,29)	RS1/16S102J
			R 1934 (B,58,30)	RS1/16S221J
			R 1935 (B,102,18)	RS1/16S0R0J
			R 1936 (B,100,22)	RS1/16S0R0J
F			R 1937 (B,103,22)	RS1/16S0R0J

			R 1938 (B,135,21)	RS1/16S0R0J
			R 1939 (B,15,26)	RS1/16S473J

**CAPACITORS**

C 1801	(B,92,12)	CKSQYB106K6R3
C 1802	(B,89,13)	CKSQYB106K6R3
C 1803	(B,99,11)	CKSRYB104K50
C 1805	(B,90,25)	CKSRYB104K50
C 1809	(B,80,5)	CKSRYB105K16
C 1821	(B,28,9)	CKSRYB104K50
C 1822	(B,28,8)	CKSQYB225K16
C 1823	(B,45,7)	CKSQYB106K6R3
C 1861	(B,125,32)	CKSQYB225K16
C 1862	(B,103,26)	CKSRYB105K16
C 1863	(B,106,21)	CKSRYB105K16
C 1892	(B,12,25)	CSZSR220M10
C 1893	(B,11,29)	CCSRCH101J50
C 1895	(B,129,15)	CKSRYB105K16
C 1896	(B,126,5)	CKSQYB225K16
C 1897	(B,121,12)	CKSRYB103K50
C 1898	(B,90,33)	CKSRYB104K50
C 1899	(B,106,12)	CKSRYB104K50
C 1900	(B,99,4)	CKSRYB104K50
C 1901	(B,98,17)	CCSRCH471J50
C 1902	(B,98,21)	CKSRYB104K50
C 1903	(B,130,21)	CKSRYB104K50
C 1904	(B,127,21)	CKSRYB104K50
C 1905	(B,139,26)	CCSRCH101J50
C 1906	(B,77,5)	CKSRYB103K50
C 1907	(B,99,7)	CKSRYB104K50
C 1909	(B,137,15)	CKSQYB106K6R3
C 1910	(B,131,15)	CKSQYB106K6R3
C 1911	(B,128,32)	CKSQYB106K6R3

A

B

C

D

E

F