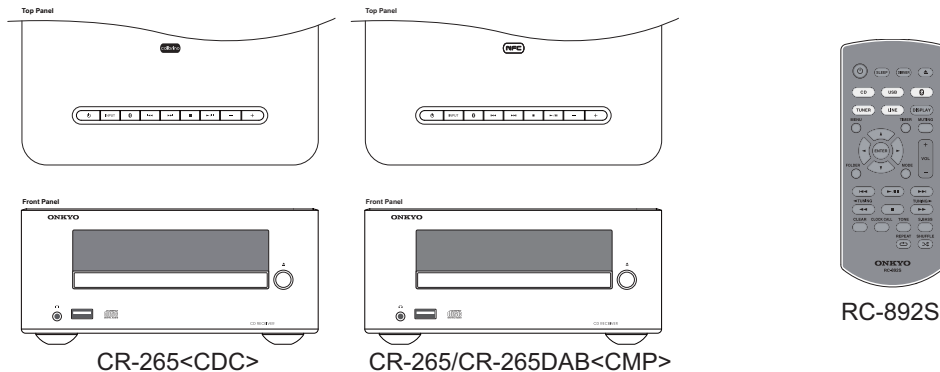


ONKYO® SERVICE MANUAL

CD HiFi MINI SYSTEM MODEL CR-265(B)/(W)/(R)/(Y)/(LB) CR-265DAB(W)



Black, White, Red, Yellow and Light Blue models

CR-265

B / W / R CDC	120V AC, 50/60Hz
B / W / R / Y / LB CMP	230V AC, 50Hz
W CMR	220-240V AC, 50/60Hz

CR-265DAB

W CMP	230V AC, 50Hz
-------	---------------

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK  ON THE SCHEMATIC DIAGRAM AND IN THE PARTS LIST ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK. REPLACE THESE COMPONENTS WITH ONKYO PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL.

MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT BEFORE RETURNING THE APPLIANCE TO THE CUSTOMER.

Onkyo Corporation
Service Department

A

B

C

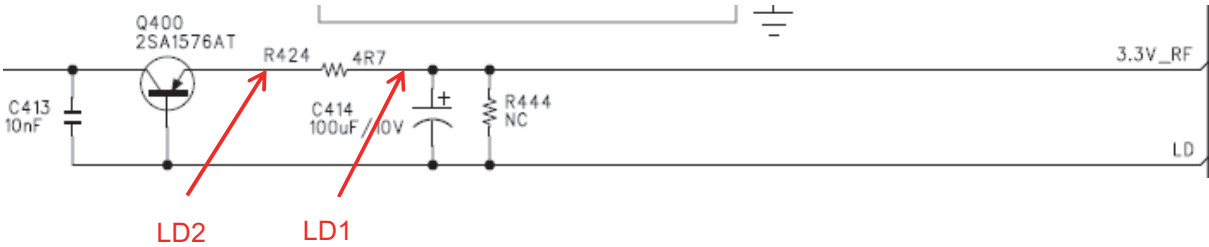
D

SERVICE PROCEDURE

Confirmation of Laser Diode Consumptive Current

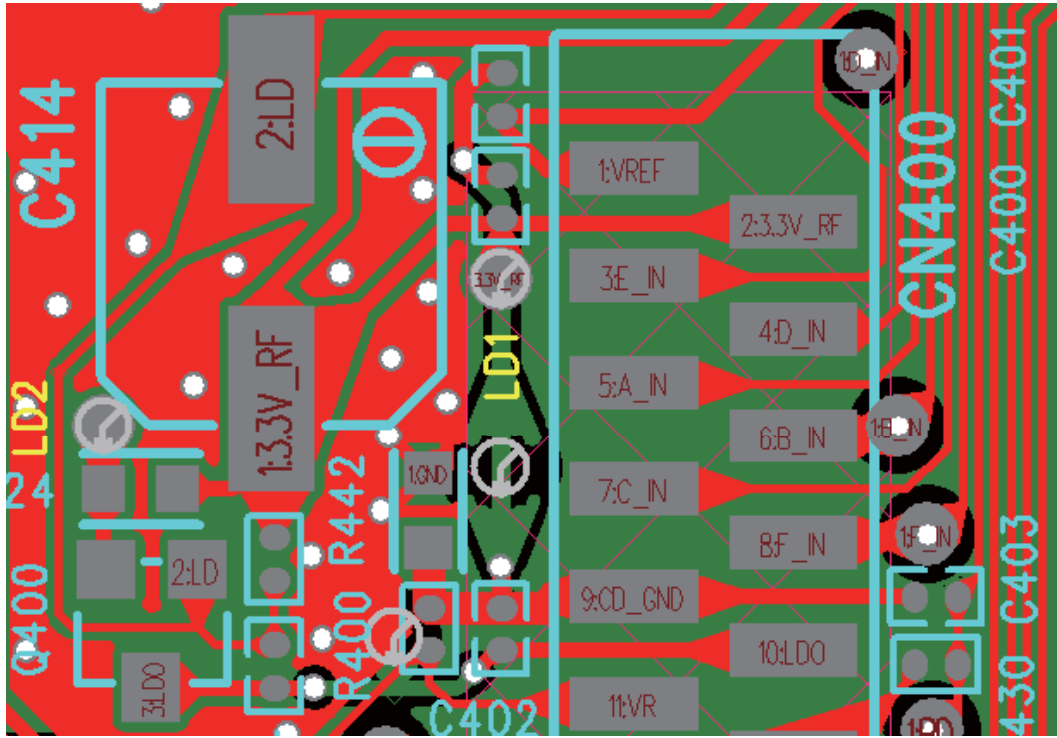
1

1. Schematic



2

2. PCB layout



4

3. LD consumptive current specification

LD 消耗电流 (消費電流) I _{op}	80 mA 以下 or less
-----------------------------------	---------------------

4. LD consumptive current confirm

Use multimeter to test the voltage on R424 with test points "LD1" and "LD2", the test voltage be defined "V_{LD}", then use following equation to calculate :

5

$I = \frac{V_{LD}}{4.7}$

Unit :

I-->mA;

V_{LD}-->mV;

4.7--> Ohm.

SERVICE PROCEDURE - 2/5

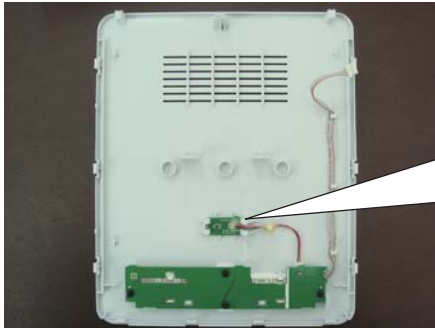
NFC Tag writer (except USA model) - 1

[Note]

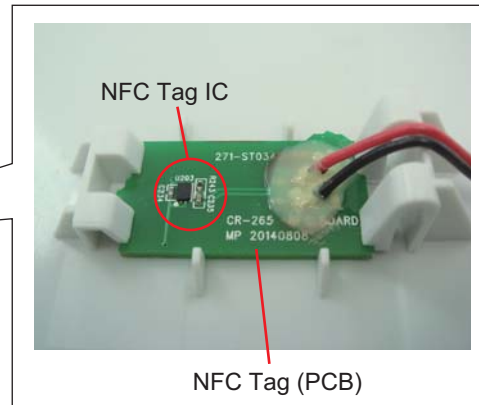
It is necessary to accord "MAC address" written in Bluetooth module on Main PCB with the one written in The NFC Tag(PCB) on the top cover to operate NFC function (with in Bluetooth audio).

(Each set has different MAC address.)

Therefore, when you replace the PCBs, display "MAC address" on the Main PCB and write the same "MAC address" as the original one in the NFC Tag.



Top cover



NFC Tag (PCB)

[When]

1. Exchange new Main PCB
- or
2. Exchange new NFC Tag(PCB)
- or
3. Exchange new Main PCB and new NFC Tag(PCB)

[Preparation]

The application "Tag Writer" should be installed in the NFC smartphone.

Tool (Hardware and Software)

- 1). Personal computer (PC)
 - 2). NFC-enabled (with in Bluetooth audio) smartphone (or Tablet)
 - 3). Writing soft: "TagWriter.apk"
1. Download the application "Tag Writer" from the Onkyo FTP-server to your PC.
(However European service partners should download the application file from the ExtraNet.)
Onkyo FTP-server: [ftp://manex.onkyo.co.jp/_servicefwa/CR-265_265DAB/NFC Tag writer](ftp://manex.onkyo.co.jp/_servicefwa/CR-265_265DAB/NFC%20Tag%20writer)
ID and Password are those we informed when changed.
Filename is as follows: TagWriter.apk
 2. Connect the NFC smartphone to your PC.
 3. Download the application "Tag Writer" to your NFC smartphone.

[Procedure]

<Note>

Enable the NFC function on your NFC enabled smartphone.

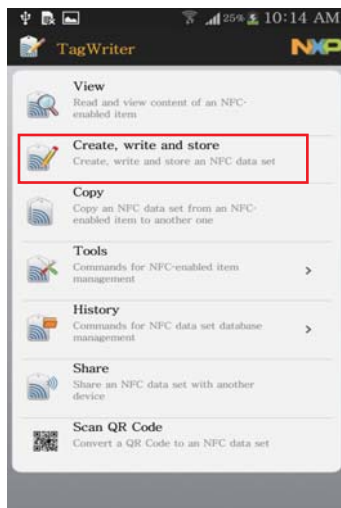
1. Connect CR-265 to NFC smartphone by manually set Bluetooth.
2. Select the TagWriter icon in the screen of NFC smartphone.



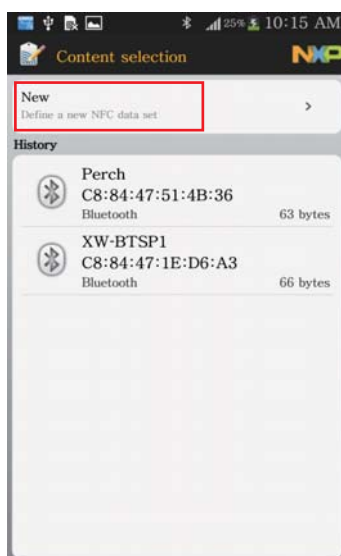
SERVICE PROCEDURE - 3/5

NFC Tag writer (except USA model) - 2

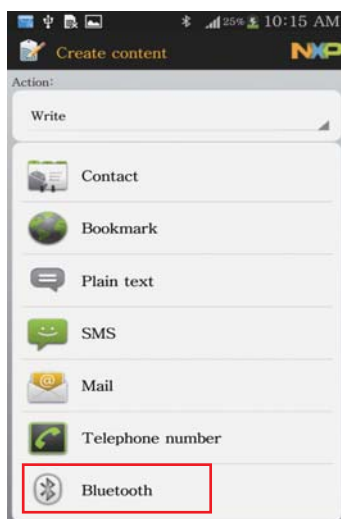
3. Select the item "Create, write and store".



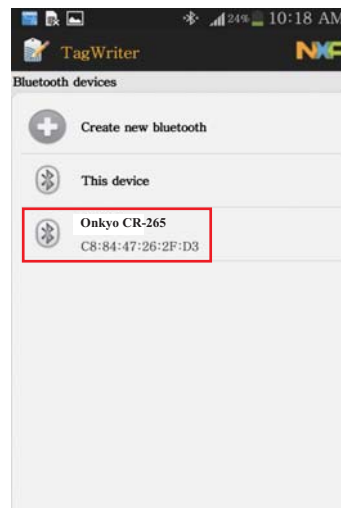
4. Select the item "New".



5. Select the item "Bluetooth".



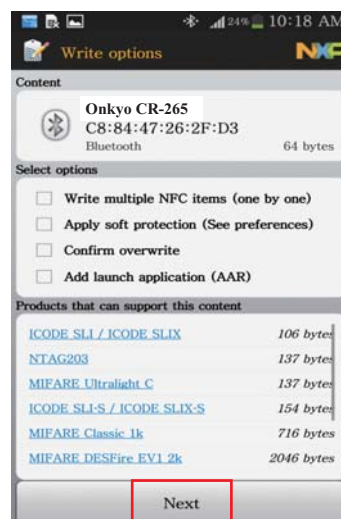
6. Select the device "Onkyo CR-265".



7. Keep the information and Select the item "Next".



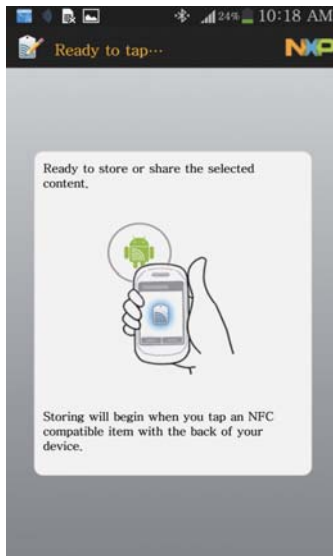
8. Keep the information and Select the item "Next".



SERVICE PROCEDURE - 4/5

NFC Tag writer (except USA model) - 3

9. Touch the your NFC smartphone to the NFC mark on top of the CR-265/265DAB.
(Do not move your smartphone until it responds to a touch operation with a sound or other indication.)



10. If writing has been completed successfully, "Store successful" will be displayed.



11. Select the item "Done", then exit the application "Tag Writer".



SERVICE PROCEDURE - 5/5

NFC Tag writer (except USA model) - 4

12. Turn off the CR-265/265DAB.

Touch the your NFC smartphone to the NFC mark on top of the CR-265/265DAB.

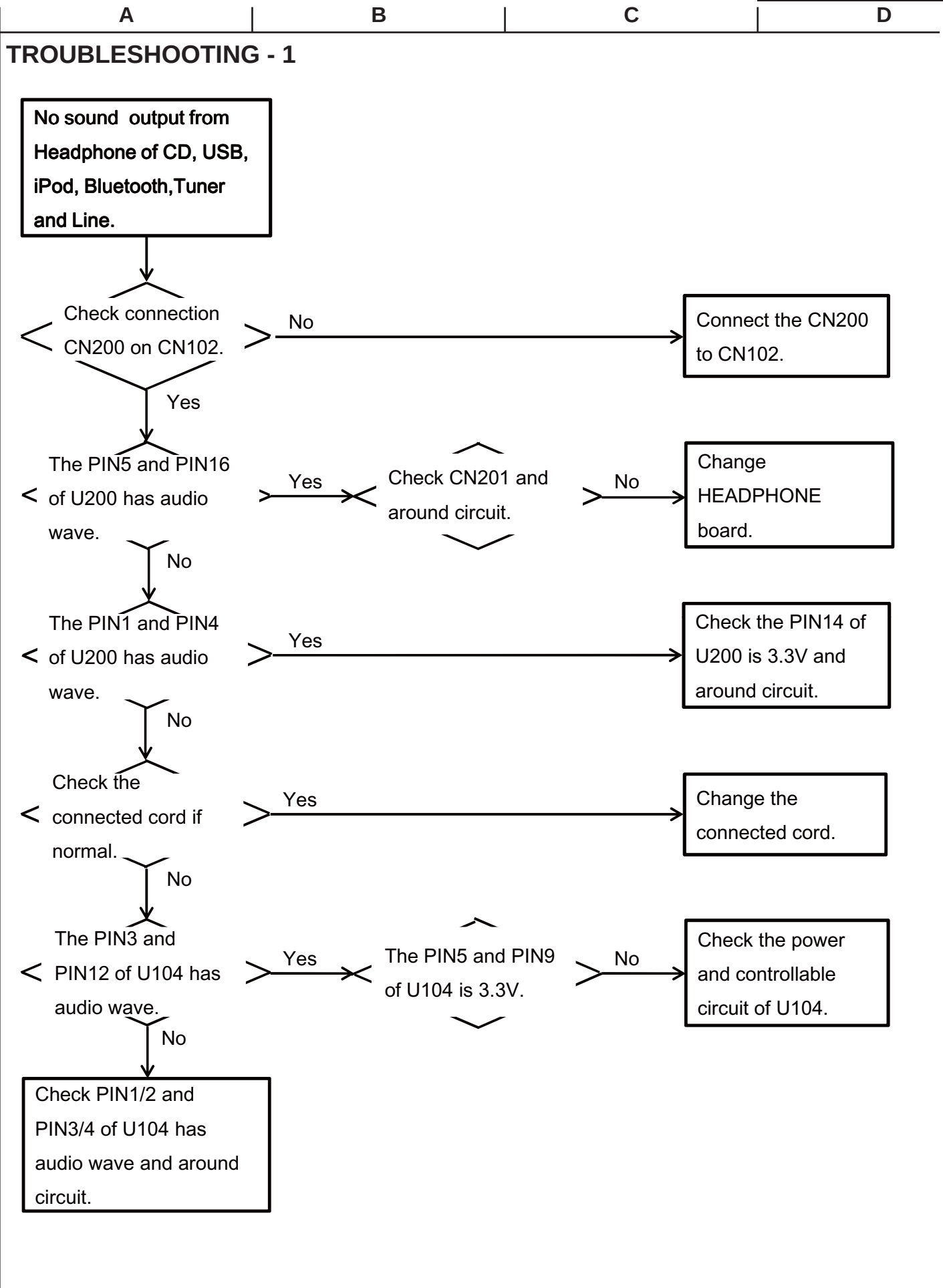
(Do not move your smartphone until it responds to a touch operation with a sound or other indication.)

The power of CR-265/265DAB is automatically on.

When the pairing and Bluetooth connection are completed, the ►●◄ indicator lights up.

Start music playback on the smartphone. Then, music comes from CR-265/265DAB.

If you can connect the smartphone to the new device by your touch, the NFC tag data is OK.



A

B

C

D

TROUBLESHOOTING - 2

**No sound output from
SPEAKERS of CD, USB,
iPod, Bluetooth, Tuner
and Line.**

Audio signal comes
< out on PIN1/2/3/4 of
CN101. >

Yes

Check connection of speaker
cord joining CN101 and
SPEAKER together.

No

The voltage of
< PIN8/11 of U101 is
17V. >

No

Check Q601/602/609 and the
connection of SMPS to
CN601.

Yes

The voltage of
< PIN21/36 of U101 is
3.3V. >

No

Check U600 and around
circuit.

Yes

Check
< PIN27/28/29/30 of
U101 has digital wave. >

No

Check U500 and around
circuit.

Yes

Change MAIN board.

A

B

C

D

TROUBLESHOOTING - 3

VFD is not bright.

< The voltage of PIN3
of T900 is 17V.

> No

< Check the
"PWR_ON" is 3.3V.

> No

Change MAIN board.

Yes

Yes

Check Q607/612 and the
circuit from Q607 to L902
and around circuit.

The voltage of PIN48
of U204 is -25V.

The voltage of PIN56
of U204 is 3.3V.

> No

Cord connector joining
by DISPLAY board
and MAIN board is
connected surely.

> No

Check connected
cord between
DISPLAY board and
MAIN board.

Yes

Yes

< Check oscillation of
"VFD_CP" wave.

> Yes

Change DISPLAY board.

No

Change MAIN board.

A

B

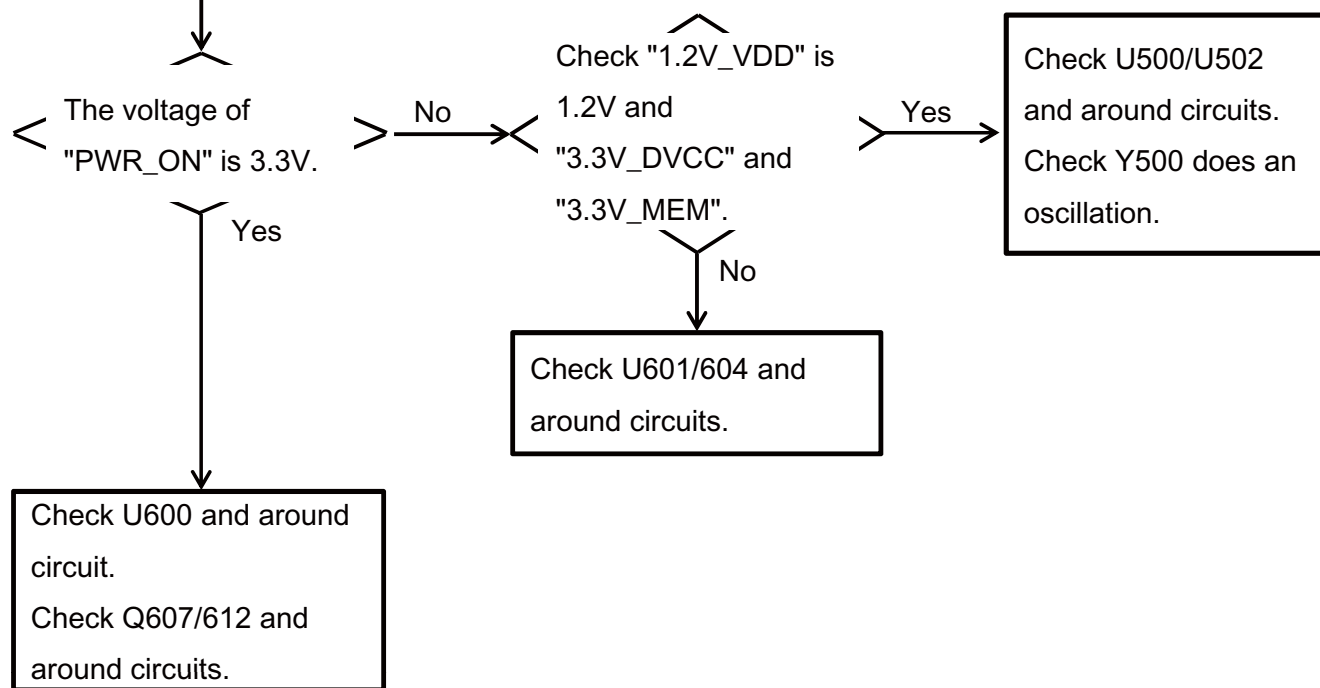
C

D

TROUBLESHOOTING - 4

Power does not turn on.

1

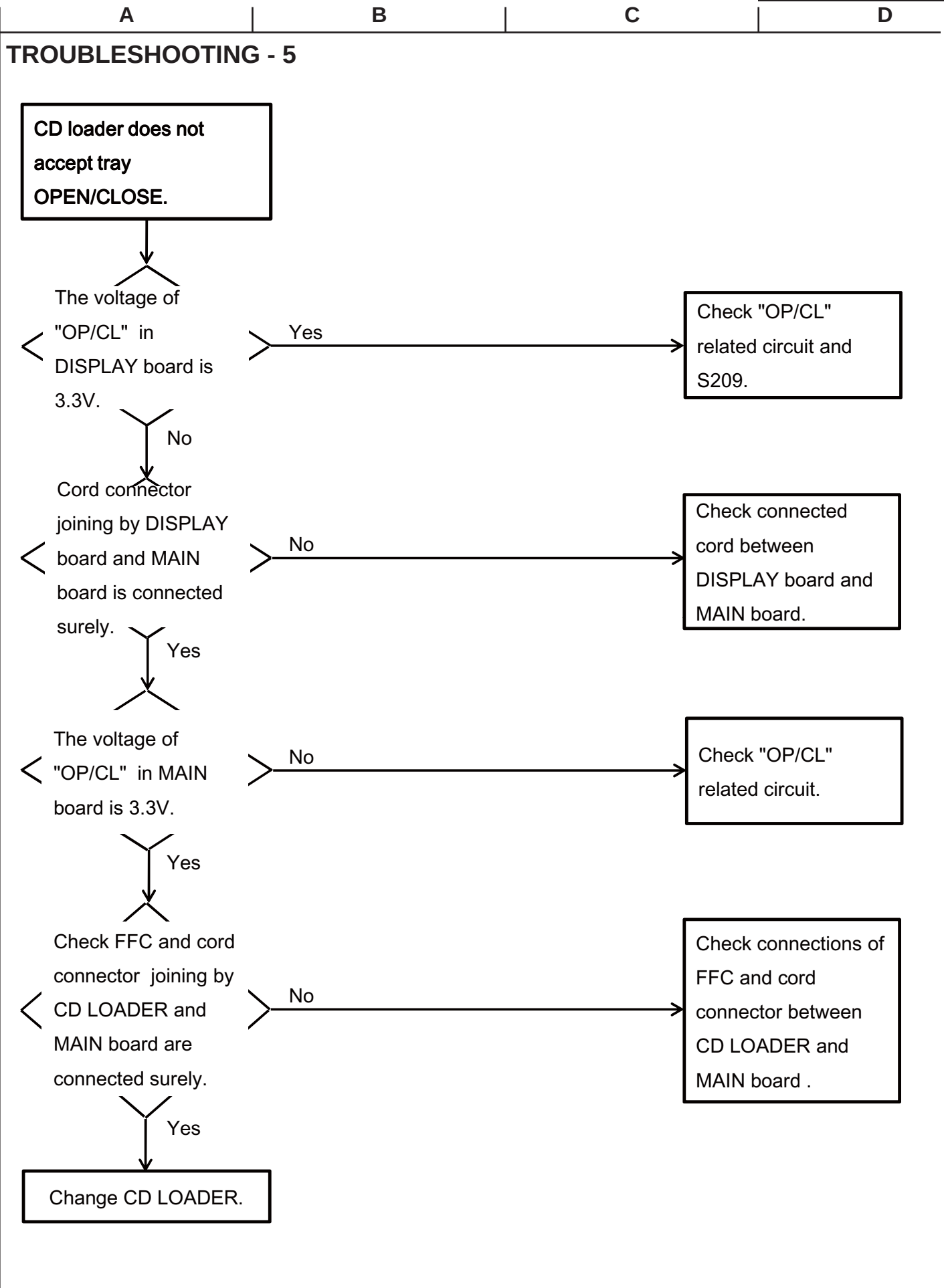


2

3

4

5



OPERATION CHECK

INITIAL SETTING FOR SHIPPING

Initialization of memories.

1. Turn to standby mode.
2. Hold down **[STOP ■]** button and then press **[ON/STANDBY]** button.
3. “Reset” is displayed.
4. Disconnect the AC power cord.

CONFIRMATION OF F/W VERSION

1. Turn to standby mode.
2. Hold down **[VOL +]** button and then press **[ON/STANDBY]** button (for about 2 seconds).
3. “265EU 14X16A” is displayed. (265EU or 265US or 265DAB or 265CN: Destination, 14X16A: Main version)
(Press **[VOL +]** button, then, BT version will be displayed.)
4. Press **[ON/STANDBY]** button, then, will be the normal mode.

FIRMWARE UPDATE-1/2

USB Update (for Main) (service mode)

CONFIDENTIALITY NOTICE:

The contents of the “Firmware Update” is “Confidential Information” as defined in the applicable “Service Center Agreement”.

It is for the exclusive use of Onkyo/Integra Authorized Independent Service Centers.

Dissemination or posting of this Firmware Update to any non-authorized individual or company is strictly prohibited.

Failure to keep this information confidential may result in the loss of service center authorization.

[Version Check]

Refer to “OPERATION CHECK” about the way of showing Main and BT firmware version.

[Preparation]

1. Connect the USB storage device to your PC. If there is any data in the USB storage device, remove it.
2. Download the firmware file (for Main) from the Onkyo FTP-server.
However European service partners should download the firmware file (for Main) from the ExtraNet.

Onkyo FTP-server: ftp://manex.onkyo.co.jp/_servicefwa/CR265_265DAB

ID and Password are those we informed when changed.

Filename is as follows: CR265_*****.UPG

3. Copy it to the USB storage device.
4. Remove the USB storage device from your PC.

FIRMWARE UPDATE-2/2

USB Update (for Main) (service mode)

[Procedure]

Overwriting is also possible.

1. Press **[ON/STANDBY]** button, and the unit turns on.
2. Select the USB/iPod input source.
3. Connect the USB storage device to front USB port on the unit.
4. Wait until USB Reading is completed.
5. Press **[STOP ■]** button (for about 2 seconds.), then, “*Update...*” will be displayed, and updating will begin.
6. Wait until update is completed. When the update ends, “*Success*” is displayed.
7. Press **[ON/STANDBY]** button, and the unit turns off. Disconnect the USB storage device.
8. Disconnect the AC power cord, after a while connect the AC power cord.
9. Check the new FW version number.

A

B

C

D

E

DISASSEMBLY PROCEDURE - 1

Remove the top cover

1). Remove the two screws.

1



2

2). Insert a precision screwdriver (flat-blade) crossly into the square hole.



3

3). Bring pressure to it in the direction of an arrow, and raise it upward.

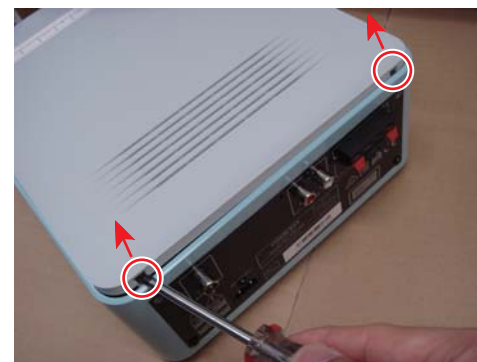


4

Internal structure

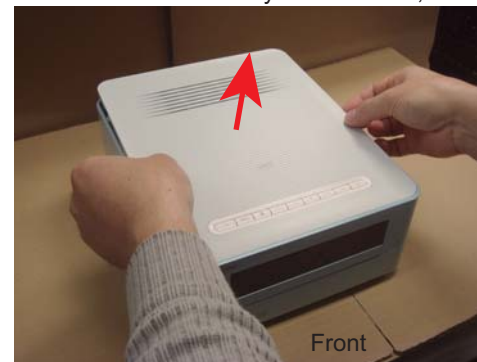


4). Raise it more with open mouths at both sides of it.



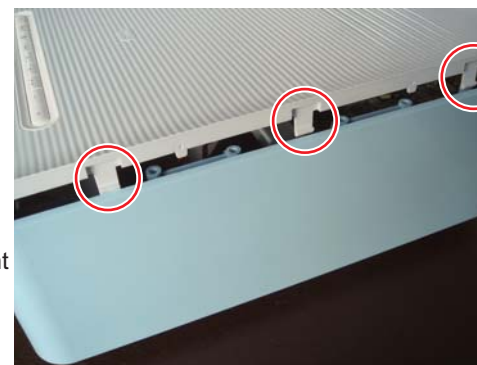
5). Remove the Top cover by hand.

As Socket Wire Ass'y is connected, be careful not to pull it too much.



6). Inset part.

Front



A

B

C

D

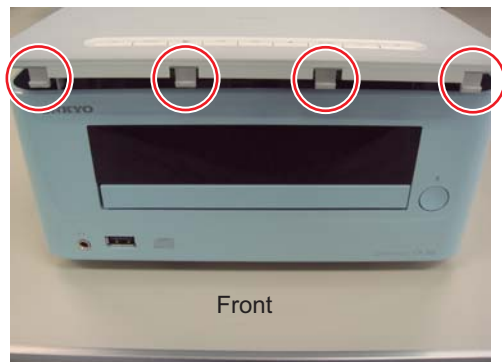
E

DISASSEMBLY PROCEDURE - 2

Remove the top cover

7). Inset part.

1

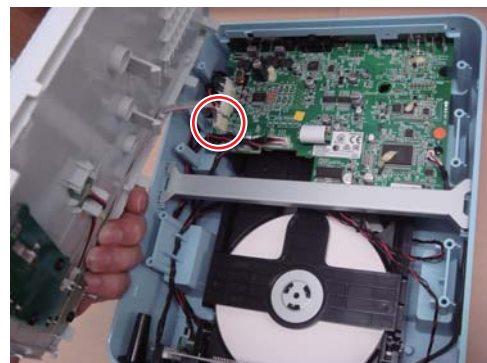


Front

2

8). Disconnect the Socket Wire Ass'y.

3



Front

4

A B C D E F G H

EXPLODED VIEW

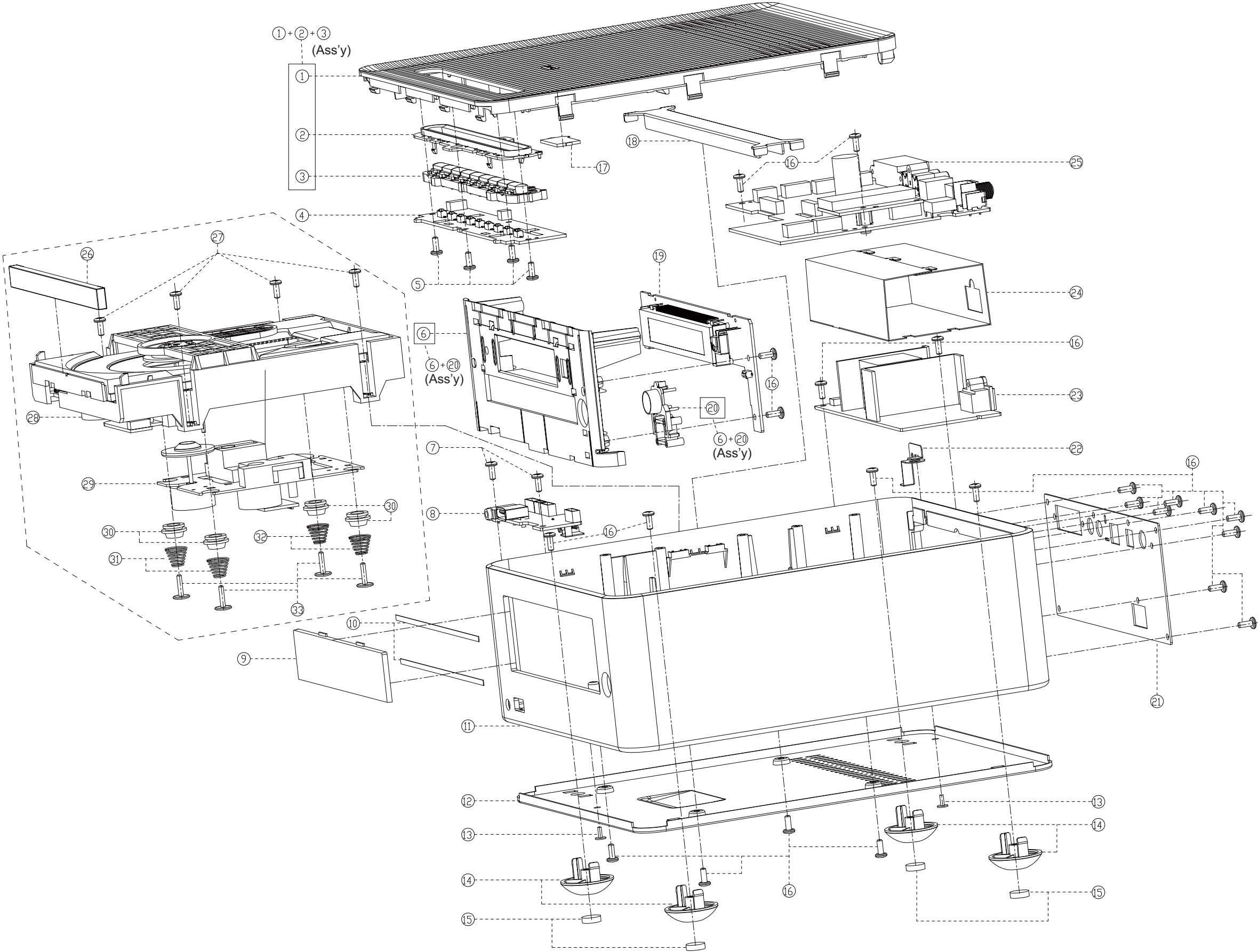
1

2

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4

5



33	SCREW 2.6*12	-	4
32	SPRING CD MECH REAR	-	2
31	SPRING CD MECH FRONT	-	2
30	CD MECH CUSHION	-	4
29	CD MECH ASS'Y	-	1
28	CD MECH PLASTIC ASS'Y	-	1
27	SCREW B-HEAD 3*12	-	4
26	COVER TRAY	-	1
25	MAIN PCB ASS'Y	-	1
24	PC SHEET INSULATION	-	1
23	POWER PCB ASS'Y	-	1
22	CONNECTOR POWER PCB TO PANEL BOTTOM	-	1
21	CABI REAR	-	1
20	BUTTON TRAY	-	1
19	DISPLAY PCB ASS'Y	-	1
18	HOLDER TOP	-	1
17	NFC PCB ASS'Y	-	1
16	SCREW B-HEAD 3*10	-	23
15	RUBBER FOOT	-	4
14	HOLDER FOOT	-	4
13	SCREW U-HEAD 2*6	-	2
12	PANEL BOTTOM	-	1
11	PANEL ROUND	-	1
10	DOUBLE SIDE TAPE	-	2
9	LENS DISPLAY	-	1
8	USB&PHONE PCB ASS'Y	-	1
7	SCREW B-HEAD 3*6	-	2
6	HOLDER FRONT	-	1
5	SCREW B-HEAD 3*8	-	4
4	BUTTON FUNCTION PCB ASS'Y	-	1
3	BUTTON FUNCTION	-	1
2	BUTTON DECORATION	-	1
1	PANEL TOP	-	1
Item	Description	Part NO	Qty

SCHEMATIC DIAGRAMS - 1

MAIN 1/6 [FUNCTION/AMP]

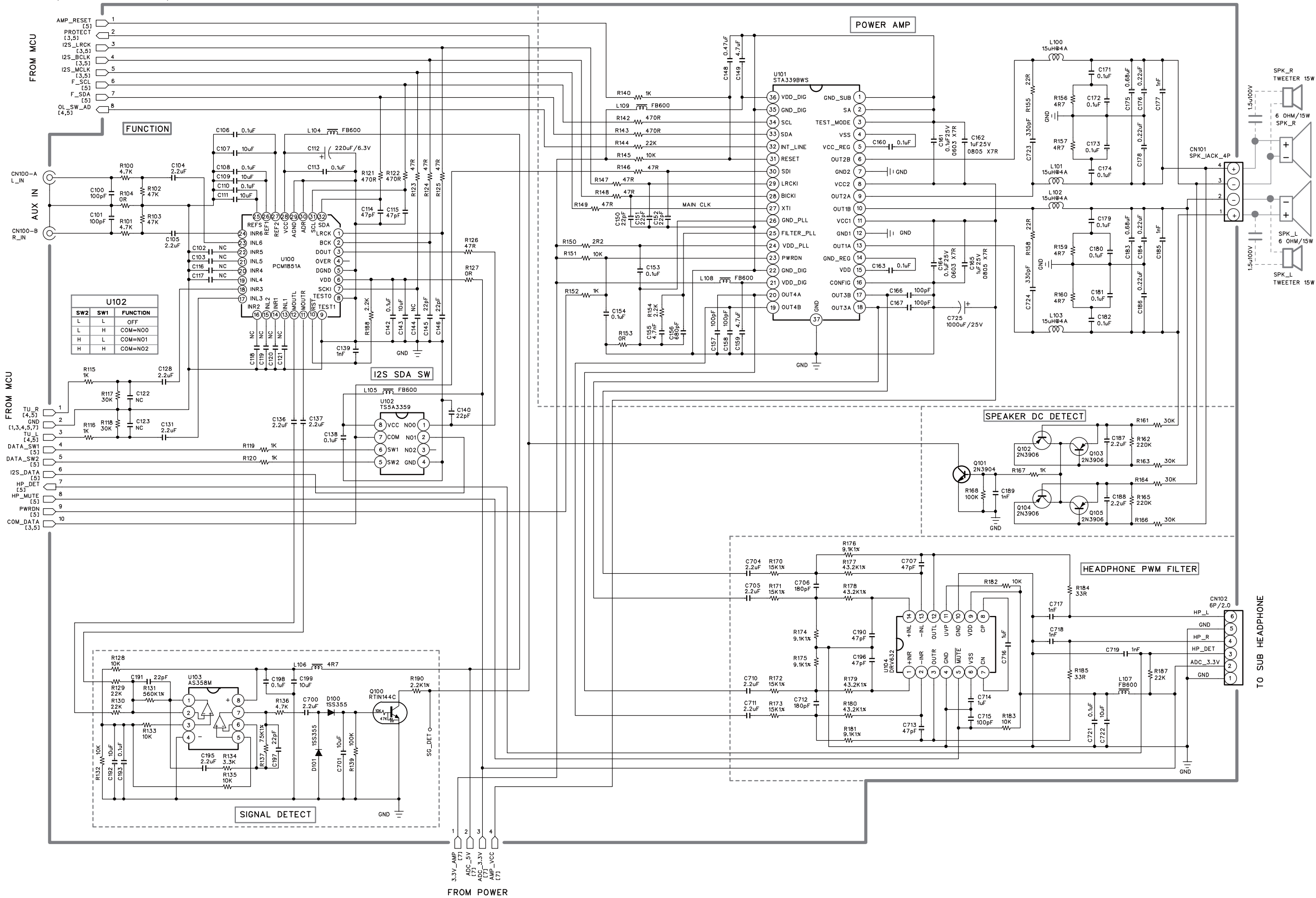
1

2

3

4

5



SCHEMATIC DIAGRAMS - 2

SUB ALL [DISPLAY/KEY/USB JACK/NFC] 1/1

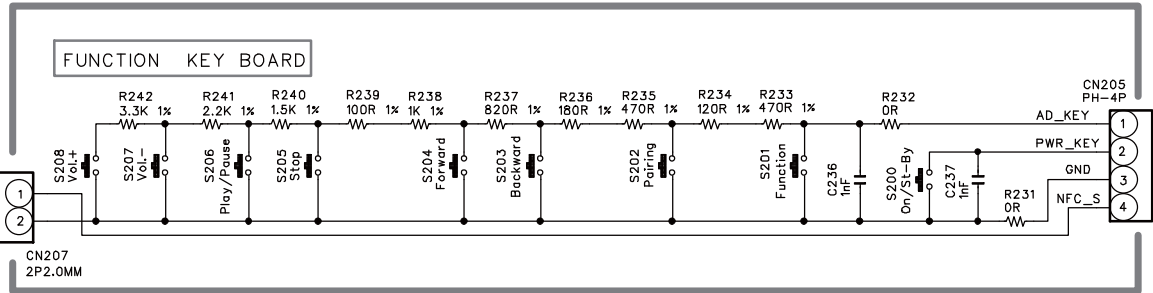
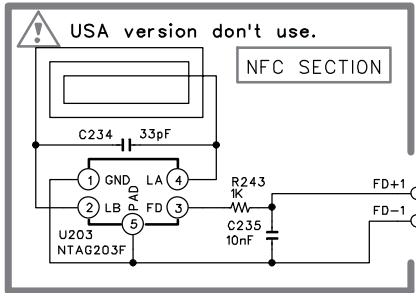
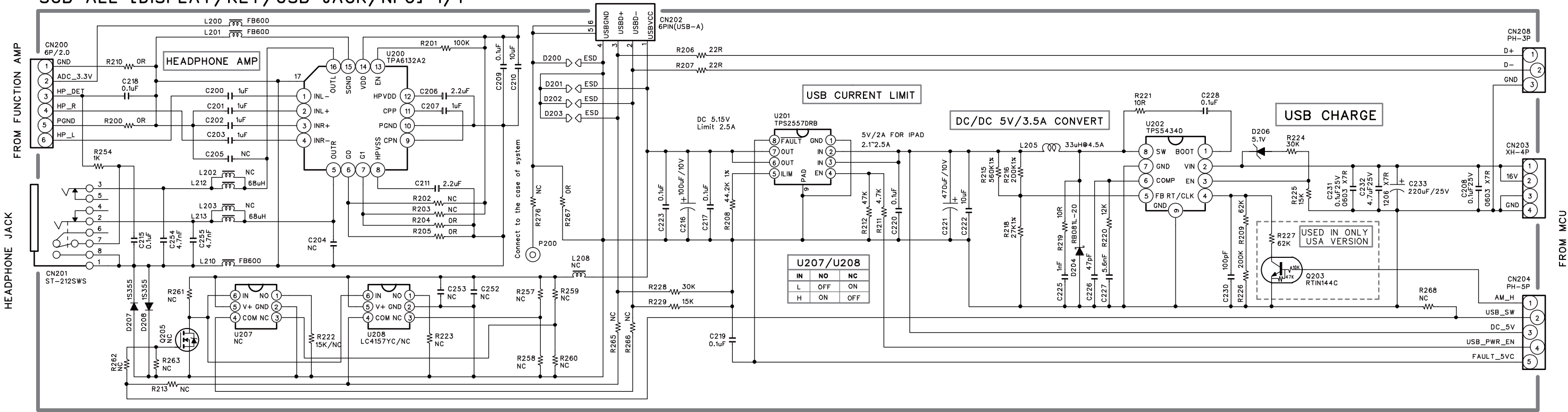
1

2

3

4

5



MCU P99 VERSION TABLE												
TRIAL MODEL	VERSION	RESISTOR		THRESHOLD VOLTAGE	FUNCTION							
		R522	R523		USB	DAB	AM	FM		RDS	CLOCK	PC
CR-U5 CMR	CHINA	68R	4.7K	1.50~1.83V	YES	NO	NO	50K	87.50~108.00MHz	NO	24H	NO
CR-265DAB CMP	EUR/DAB	270R	3K	1.18~1.49V	YES	YES	NO	50K	87.50~108.00MHz	YES	24H	NO
CR-265 CMP	EUR/FM	160R	2K	0.86~1.17V	YES	NO	NO	50K	87.50~108.00MHz	YES	24H	NO
CR-265 CDC	USA/CSA	43R	1.3K	0.53~0.86V	YES	NO	10K	200K	87.5~107.9MHz	NO	12H	NO
CR-U5 CJJ	JAPAN	0R	590R	0.21~0.52V	YES	NO	NO	100K	76.0~90.0MHz	NO	24H	YES

FUNCTION KEY SETTING					
RES(K)	Vadc (V)			FUNCTION	
	Min.	Nor.	Max.		
0	~	0	0.21	FUNCTION	
0.47+0.12=0.59	0.22	0.368	0.52	PAIRING	
0.47+0.18=0.65	0.53	0.689	0.84	BACKWARD	
0.82	0.85	1.006	1.12	FORWARD	
1.0+0.1=1.1	1.13	1.327	1.48	STOP	
1.5	1.49	1.643	1.80	PLAY/PAUSE	
2.2	1.81	1.958	2.11	VOL.-	
3.3	2.12	2.256	2.41	VOL.+	

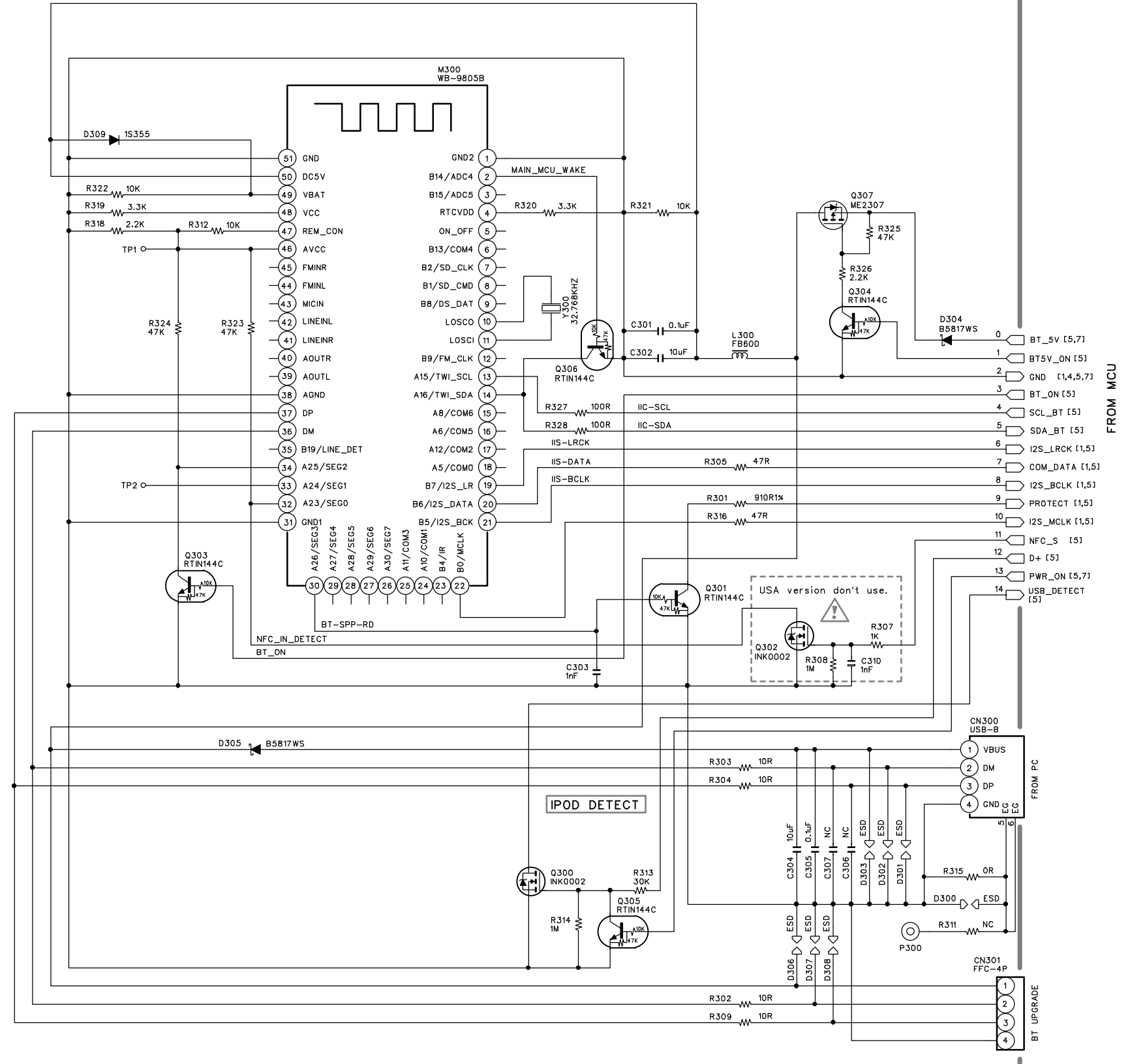
MCU PIN100 FUNCTION			
RESISTOR	VOLTAGE	FUNCTION	
R583	0R	AMP DC PROTECTION	
		USB CURRENT PROTECTION	
R301	910R	BT SPP-RD	
R190	2.2K	SPP-RD OFF	SIGNAL DETECT
		SPP-RD ON	

MCU PIN97 FUNCTION			
RESISTOR		VOLTAGE	FUNCTION
R144	22K	0—0.3V	AMPLIFIER PROTECTION
R402	22K	1.3—1.9V	CD TRAY OPEN
R401	47K	1.91—2.5V	CD TRAY CLOSE

SCHEMATIC DIAGRAMS - 3

MAIN 2/6 [BT]

BT MODULE	
PIN No.	FUNCTION
PIN1/31/38/51	GROUND
PIN2	WAKE MAIN MCU UP IN ST-BY
PIN13	IIC-SCL
PIN14	IIC-SDA
PIN19	IIS-LRCK
PIN20	IIS-DATA
PIN21	IIS-BCLK
PIN22	MCLK
PIN30	BT-SPP-RD
PIN32	NFC IN DETECT
PIN34	BT POWER ON (IR OR PWR KEY)
PIN36/37	USB-DM DP
PIN46/47	SOFTWARE UPGRADE (OPTION)



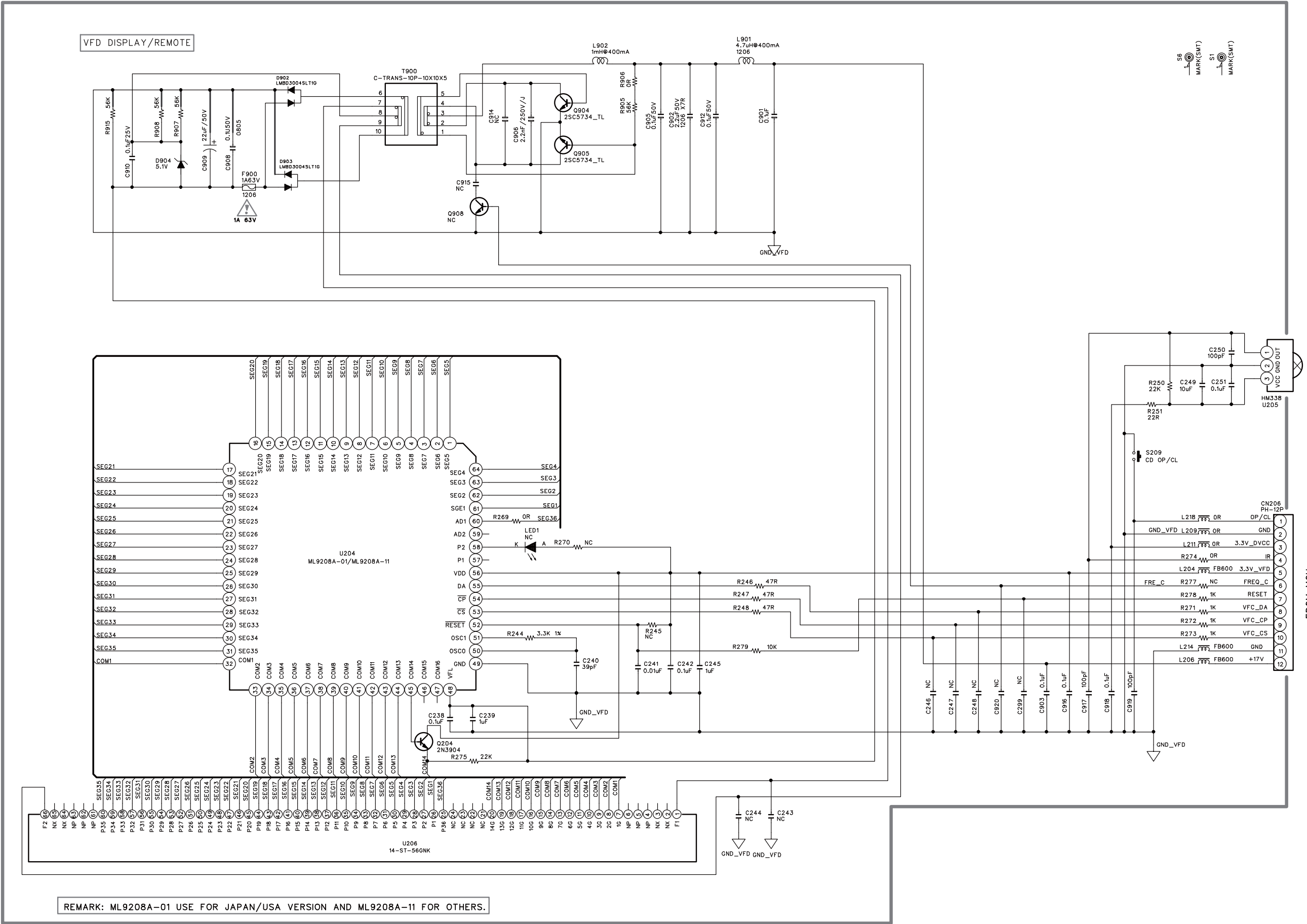
TO CD/TUNER



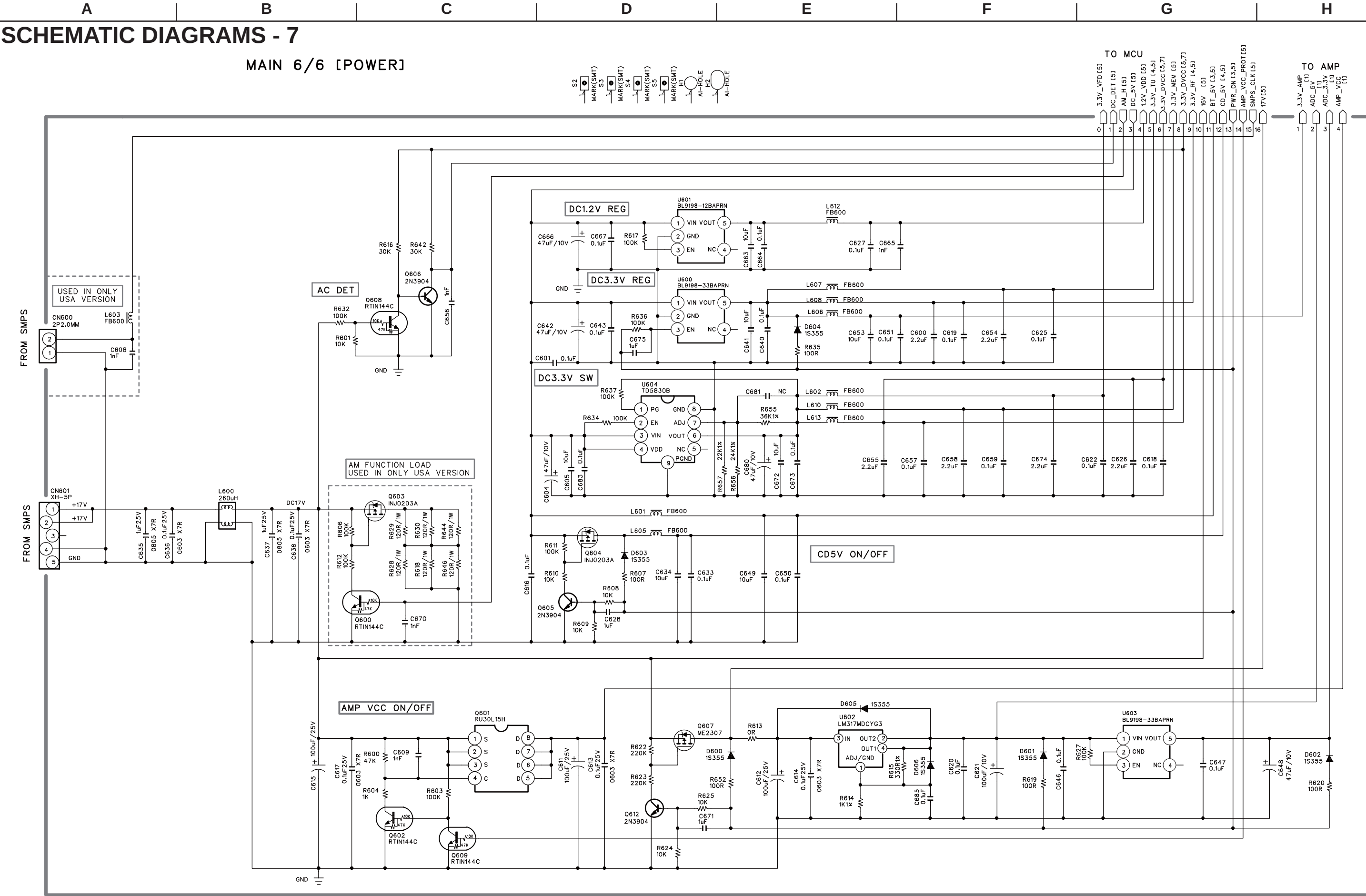
MCU PIN61	
PWR ON	PWR OFF
KEEP "H"	"L"→ USB Insert
	"H"→ USB Pullout

SCHEMATIC DIAGRAMS - 6

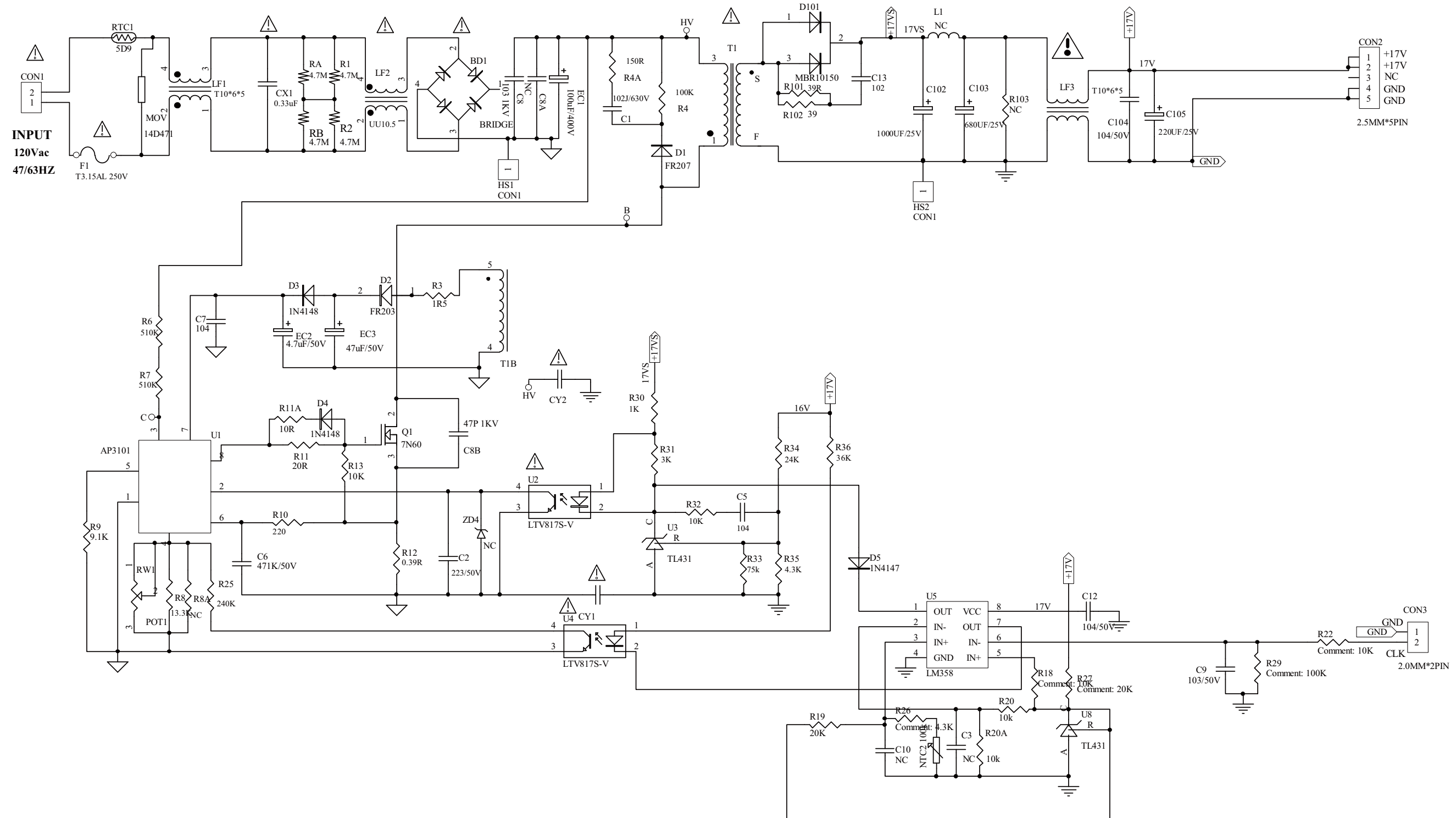
MAIN 5/6 [VFD]



REMARK: ML9208A-01 USE FOR JAPAN/USA VERSION AND ML9208A-11 FOR OTHERS.

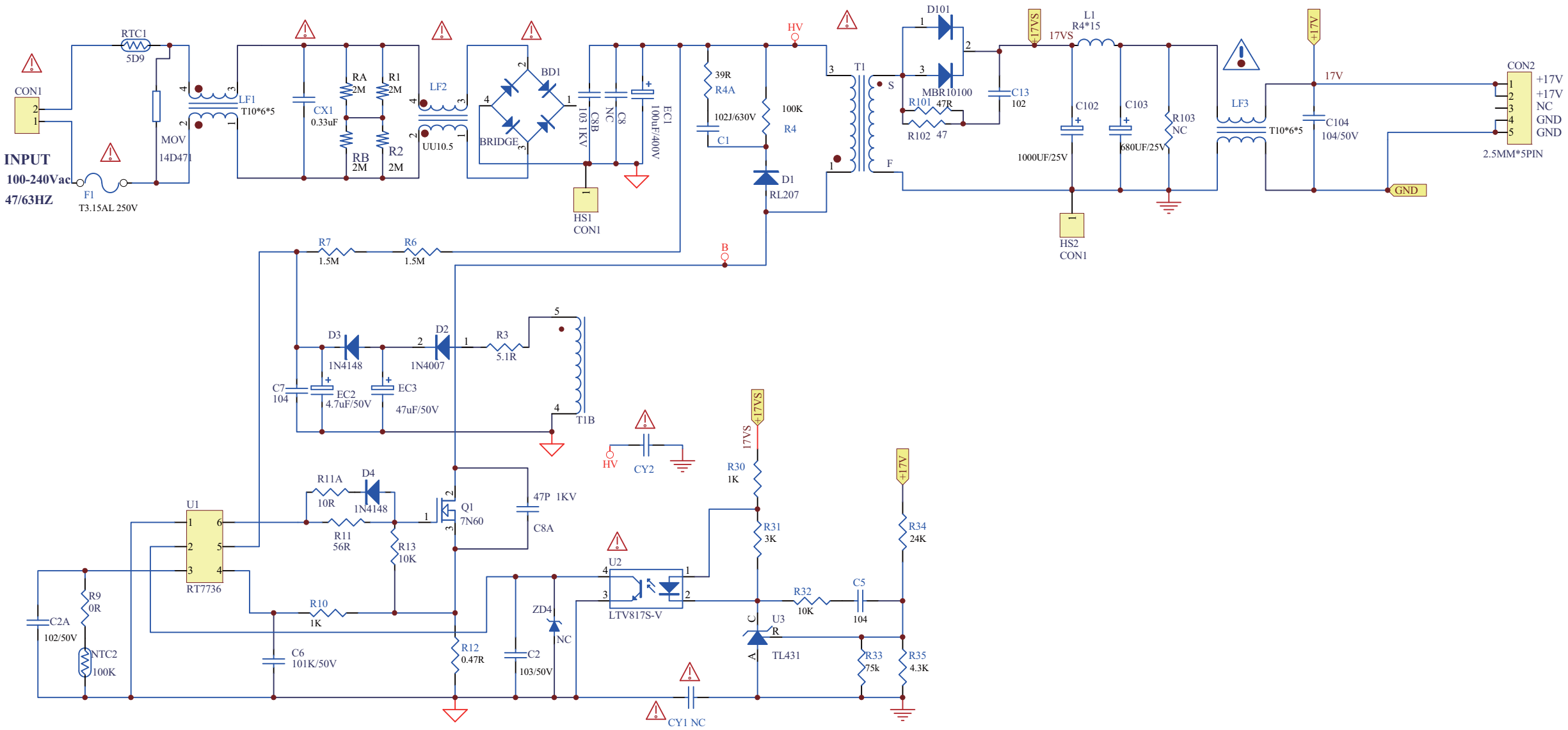


SCHEMATIC DIAGRAMS - 8



SCHEMATIC DIAGRAMS - 9

CMP/CMR/CJJ



A

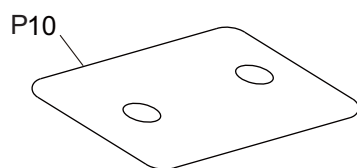
B

C

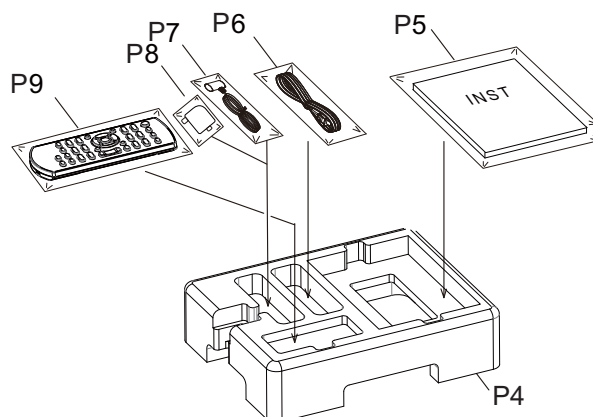
D

PACKING VIEW for CR-265(W)CMR

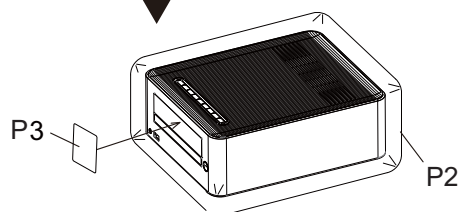
1



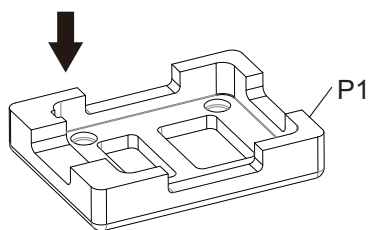
2



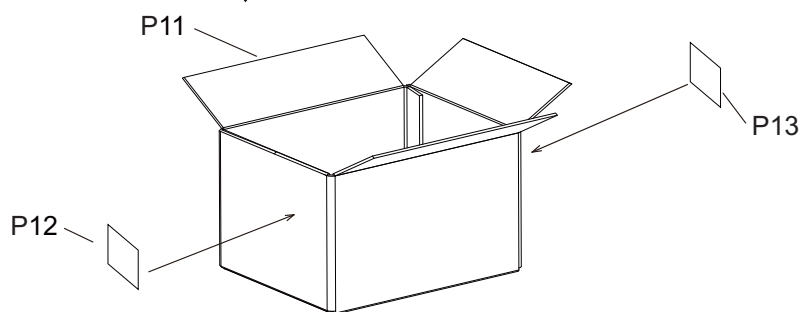
3



4



5



CR-265

<Note>

Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.

NOTE : THE COMPONENTS IDENTIFIED BY THE MARK ! ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK. REPLACE ONLY WITH PART NUMBER SPECIFIED.

<Notes>

<CDC> : 120V

USA model

<CMP> : 230V

CE(European) country model

<CMR> : 220-240V

Chinese model

: NSP

CR-265

EXPLODED VIEW PARTS LIST

REF. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
CR-265(B)CMP					
1 + 2 + 3	PANEL TOP B HB + BUTTON B	ASSY	1	G31-R265PL-47GV1	(B)<CMP>
1	PANEL TOP B HB		(1)	---	(B)<CMP>
2	BUTTON DECORATION B		(1)	---	(B)<CMP>
3	BUTTON FUNCTION B		(1)	---	(B)<CMP>
4	BUTTON FUNCTION PCB ASS'Y		1	640-CS265A-020X0	(B)<CMP>
5					(B)<CMP>
6 + 20	HOLDER FRONT + BUTTON TRAY B	ASSY	1	G31-R265PA-47GV2	(B)<CMP>
6	HOLDER FRONT		(1)	---	(B)<CMP>
20	BUTTON TRAY B		(1)	---	(B)<CMP>
7					(B)<CMP>
8	USB&PHONE PCB ASS'Y		1	640-CS265U-020X0	(B)<CMP>
9	LENS DISPLAY		1	300-N02412-000V0	(B)<CMP>
10					(B)<CMP>
11					(B)<CMP>
12					(B)<CMP>
13					(B)<CMP>
14	HOLDER FOOT		4	300-N02414-000V0	(B)<CMP>
15	RUBBER FOOT		4	360-010153-000V0	(B)<CMP>
16					(B)<CMP>
17	NFC PCB ASS'Y		1	640-CS265N-020X0	(B)<CMP>
18					(B)<CMP>
19	DISPLAY PCB ASS'Y		1	640-CS2653-020X0	(B)<CMP>
21	PANEL REAR E		1	20-4127-01-01-V1	(B)<CMP>
22					(B)<CMP>
23	POWER PCB ASS'Y		1	212-011288-001V0	(B)<CMP>
24					(B)<CMP>
25	MAIN PCB ASS'Y		1	640-CS2652-02WX0	(B)<CMP>
26	COVER TRAY B		1	300-N02413-200V0	(B)<CMP>
27					(B)<CMP>
28	CD MECH PLASTIC ASS'Y		1	G31-CR265*-47GV0	(B)<CMP>
29	CD MECH ASS'Y		1	251-011038-000X0	(B)<CMP>
CR-265(W)CMP					
1 + 2 + 3	PANEL TOP W HB + BUTTON W	ASSY	1	G31-R265PL-47GV0	(W)<CMP>
1	PANEL TOP W HB		(1)	---	(W)<CMP>
2	BUTTON DECORATION W		(1)	---	(W)<CMP>
3	BUTTON FUNCTION W		(1)	---	(W)<CMP>
4	BUTTON FUNCTION PCB ASS'Y		1	640-CS265A-020X0	(W)<CMP>
5					(W)<CMP>
6 + 20	HOLDER FRONT + BUTTON TRAY W	ASSY	1	G31-R265PA-47GV0	(W)<CMP>
6	HOLDER FRONT		(1)	---	(W)<CMP>
20	BUTTON TRAY W		(1)	---	(W)<CMP>
7					(W)<CMP>

8	USB&PHONE PCB ASS'Y		1	640-CS265U-020X0	(W)<CMP>
9	LENS DISPLAY		1	300-N02412-000V0	(W)<CMP>
10					(W)<CMP>
11					(W)<CMP>
12					(W)<CMP>
13					(W)<CMP>
14	HOLDER FOOT		4	300-N02414-000V0	(W)<CMP>
15	RUBBER FOOT		4	360-010153-000V0	(W)<CMP>
16					(W)<CMP>
17	NFC PCB ASS'Y		1	640-CS265N-020X0	(W)<CMP>
18					(W)<CMP>
19	DISPLAY PCB ASS'Y		1	640-CS2653-020X0	(W)<CMP>
21	PANEL REAR E		1	20-4127-01-01-V1	(W)<CMP>
22					(W)<CMP>
23	POWER PCB ASS'Y		1	212-011288-001V0	(W)<CMP>
24					(W)<CMP>
25	MAIN PCB ASS'Y		1	640-CS2652-02WX0	(W)<CMP>
26	COVER TRAY W		1	300-N02413-000V0	(W)<CMP>
27					(W)<CMP>
28	CD MECH PLASTIC ASS'Y		1	G31-CR265*-47GV0	(W)<CMP>
29	CD MECH ASS'Y		1	251-011038-000X0	(W)<CMP>
CR-265(R)CMP					
1 + 2 + 3	PANEL TOP B HB + BUTTON B	ASSY	1	G31-R265PL-47GV1	(R)<CMP>
1	PANEL TOP B HB		(1)	---	(R)<CMP>
2	BUTTON DECORATION B		(1)	---	(R)<CMP>
3	BUTTON FUNCTION B		(1)	---	(R)<CMP>
4	BUTTON FUNCTION PCB ASS'Y		1	640-CS265A-020X0	(R)<CMP>
5					(R)<CMP>
6 + 20	HOLDER FRONT + BUTTON TRAY R	ASSY	1	G31-R265PA-47GV3	(R)<CMP>
6	HOLDER FRONT		(1)	---	(R)<CMP>
20	BUTTON TRAY R		(1)	---	(R)<CMP>
7					(R)<CMP>
8	USB&PHONE PCB ASS'Y		1	640-CS265U-020X0	(R)<CMP>
9	LENS DISPLAY		1	300-N02412-000V0	(R)<CMP>
10					(R)<CMP>
11					(R)<CMP>
12					(R)<CMP>
13					(R)<CMP>
14	HOLDER FOOT		4	300-N02414-000V0	(R)<CMP>
15	RUBBER FOOT		4	360-010153-000V0	(R)<CMP>
16					(R)<CMP>
17	NFC PCB ASS'Y		1	640-CS265N-020X0	(R)<CMP>
18					(R)<CMP>
19	DISPLAY PCB ASS'Y		1	640-CS2653-020X0	(R)<CMP>
21	PANEL REAR E		1	20-4127-01-01-V1	(R)<CMP>
22					(R)<CMP>
23	POWER PCB ASS'Y		1	212-011288-001V0	(R)<CMP>
24					(R)<CMP>
25	MAIN PCB ASS'Y		1	640-CS2652-02WX0	(R)<CMP>
26	COVER TRAY R		1	300-N02413-300V0	(R)<CMP>
27					(R)<CMP>
28	CD MECH PLASTIC ASS'Y		1	G31-CR265*-47GV0	(R)<CMP>
29	CD MECH ASS'Y		1	251-011038-000X0	(R)<CMP>
CR-265(Y)CMP					
1 + 2 + 3	PANEL TOP G HB + BUTTON S	ASSY	1	G31-R265PL-47GV2	(Y)<CMP>
1	PANEL TOP G HB		(1)	---	(Y)<CMP>
2	BUTTON DECORATION S		(1)	---	(Y)<CMP>
3	BUTTON FUNCTION S		(1)	---	(Y)<CMP>

4	BUTTON FUNCTION PCB ASS'Y		1	640-CS265A-020X0	(Y)<CMP>
5					(Y)<CMP>
6 + 20	HOLDER FRONT + BUTTON TRAY Y	ASSY	1	G31-R265PA-47GV4	(Y)<CMP>
6	HOLDER FRONT		(1)	---	(Y)<CMP>
20	BUTTON TRAY Y		(1)	---	(Y)<CMP>
7					(Y)<CMP>
8	USB&PHONE PCB ASS'Y		1	640-CS265U-020X0	(Y)<CMP>
9	LENS DISPLAY		1	300-N02412-000V0	(Y)<CMP>
10					(Y)<CMP>
11					(Y)<CMP>
12					(Y)<CMP>
13					(Y)<CMP>
14	HOLDER FOOT		4	300-N02414-000V0	(Y)<CMP>
15	RUBBER FOOT		4	360-010153-000V0	(Y)<CMP>
16					(Y)<CMP>
17	NFC PCB ASS'Y		1	640-CS265N-020X0	(Y)<CMP>
18					(Y)<CMP>
19	DISPLAY PCB ASS'Y		1	640-CS2653-020X0	(Y)<CMP>
21	PANEL REAR E		1	20-4127-01-01-V1	(Y)<CMP>
22					(Y)<CMP>
23	POWER PCB ASS'Y		1	212-011288-001V0	(Y)<CMP>
24					(Y)<CMP>
25	MAIN PCB ASS'Y		1	640-CS2652-02WX0	(Y)<CMP>
26	COVER TRAY Y		1	300-N02413-400V0	(Y)<CMP>
27					(Y)<CMP>
28	CD MECH PLASTIC ASS'Y		1	G31-CR265*-47GV0	(Y)<CMP>
29	CD MECH ASS'Y		1	251-011038-000X0	(Y)<CMP>
CR-265(LB)CMP					
1 + 2 + 3	PANEL TOP W HB + BUTTON W	ASSY	1	G31-R265PL-47GV0	(LB)<CMP>
1	PANEL TOP W HB		(1)	---	(LB)<CMP>
2	BUTTON DECORATION W		(1)	---	(LB)<CMP>
3	BUTTON FUNCTION W		(1)	---	(LB)<CMP>
4	BUTTON FUNCTION PCB ASS'Y		1	640-CS265A-020X0	(LB)<CMP>
5					(LB)<CMP>
6 + 20	HOLDER FRONT + BUTTON TRAY LB	ASSY	1	G31-R265PA-47GV1	(LB)<CMP>
6	HOLDER FRONT		(1)	---	(LB)<CMP>
20	BUTTON TRAY LB		(1)	---	(LB)<CMP>
7					(LB)<CMP>
8	USB&PHONE PCB ASS'Y		1	640-CS265U-020X0	(LB)<CMP>
9	LENS DISPLAY		1	300-N02412-000V0	(LB)<CMP>
10					(LB)<CMP>
11					(LB)<CMP>
12					(LB)<CMP>
13					(LB)<CMP>
14	HOLDER FOOT		4	300-N02414-000V0	(LB)<CMP>
15	RUBBER FOOT		4	360-010153-000V0	(LB)<CMP>
16					(LB)<CMP>
17	NFC PCB ASS'Y		1	640-CS265N-020X0	(LB)<CMP>
18					(LB)<CMP>
19	DISPLAY PCB ASS'Y		1	640-CS2653-020X0	(LB)<CMP>
21	PANEL REAR E		1	20-4127-01-01-V1	(LB)<CMP>
22					(LB)<CMP>
23	POWER PCB ASS'Y		1	212-011288-001V0	(LB)<CMP>
24					(LB)<CMP>
25	MAIN PCB ASS'Y		1	640-CS2652-02WX0	(LB)<CMP>
26	COVER TRAY LB		1	300-N02413-100V0	(LB)<CMP>
27					(LB)<CMP>
28	CD MECH PLASTIC ASS'Y		1	G31-CR265*-47GV0	(LB)<CMP>

29	CD MECH ASS'Y		1	251-011038-000X0	(LB)<CMP>
CR-265DAB(W)CMP					
1 + 2 + 3	PANEL TOP W HB + BUTTON W	ASSY	1	G31-R265PL-47GV0	(W)<CMP>
1	PANEL TOP W HB		(1)	---	(W)<CMP>
2	BUTTON DECORATION W		(1)	---	(W)<CMP>
3	BUTTON FUNCTION W		(1)	---	(W)<CMP>
4	BUTTON FUNCTION PCB ASS'Y		1	640-CS265A-020X0	(W)<CMP>
5					(W)<CMP>
6 + 20	HOLDER FRONT + BUTTON TRAY W	ASSY	1	G31-R265PA-47GV0	(W)<CMP>
6	HOLDER FRONT		(1)	---	(W)<CMP>
20	BUTTON TRAY W		(1)	---	(W)<CMP>
7					(W)<CMP>
8	USB&PHONE PCB ASS'Y		1	640-CS265U-020X0	(W)<CMP>
9	LENS DISPLAY		1	300-N02412-000V0	(W)<CMP>
10					(W)<CMP>
11					(W)<CMP>
12					(W)<CMP>
13					(W)<CMP>
14	HOLDER FOOT		4	300-N02414-000V0	(W)<CMP>
15	RUBBER FOOT		4	360-010153-000V0	(W)<CMP>
16					(W)<CMP>
17	NFC PCB ASS'Y		1	640-CS265N-020X0	(W)<CMP>
18					(W)<CMP>
19	DISPLAY PCB ASS'Y		1	640-CS2653-020X0	(W)<CMP>
21	PANEL REAR DAB		1	20-4127-04-01-V1	(W)<CMP>
22					(W)<CMP>
23	POWER PCB ASS'Y		1	212-011288-001V0	(W)<CMP>
24					(W)<CMP>
25	MAIN PCB ASS'Y		1	640-CS2652-02DX0	(W)<CMP>
26	COVER TRAY W		1	300-N02413-000V0	(W)<CMP>
27					(W)<CMP>
28	CD MECH PLASTIC ASS'Y		1	G31-CR265*-47GV0	(W)<CMP>
29	CD MECH ASS'Y		1	251-011038-000X0	(W)<CMP>
CR-265(B)CDC					
1 + 2 + 3	PANEL TOP B U + BUTTON B	ASSY	1	G31-R265PL-05GV1	(B)<CDC>
1	PANEL TOP B U		(1)	---	(B)<CDC>
2	BUTTON DECORATION B		(1)	---	(B)<CDC>
3	BUTTON FUNCTION B		(1)	---	(B)<CDC>
4	BUTTON FUNCTION PCB ASS'Y		1	640-CS265A-020X0	(B)<CDC>
5					(B)<CDC>
6 + 20	HOLDER FRONT + BUTTON TRAY B	ASSY	1	G31-R265PA-47GV2	(B)<CDC>
6	HOLDER FRONT		(1)	---	(B)<CDC>
20	BUTTON TRAY B		(1)	---	(B)<CDC>
7					(B)<CDC>
8	USB&PHONE PCB ASS'Y		1	640-CS265U-050X0	(B)<CDC>
9	LENS DISPLAY		1	300-N02412-000V0	(B)<CDC>
10					(B)<CDC>
11					(B)<CDC>
12					(B)<CDC>
13					(B)<CDC>
14	HOLDER FOOT		4	300-N02414-000V0	(B)<CDC>
15	RUBBER FOOT		4	360-010153-000V0	(B)<CDC>
16					(B)<CDC>
17	NFC PCB ASS'Y				(B)<CDC>
18					(B)<CDC>
19	DISPLAY PCB ASS'Y		1	640-CS2653-070X0	(B)<CDC>
21	PANEL REAR U		1	20-4127-02-01-V1	(B)<CDC>
22					(B)<CDC>

23	POWER PCB ASS'Y		1	212-011287-002V0	(B)<CDC>
24					(B)<CDC>
25	MAIN PCB ASS'Y		1	640-CS2652-05WX0	(B)<CDC>
26	COVER TRAY B		1	300-N02413-200V0	(B)<CDC>
27					(B)<CDC>
28	CD MECH PLASTIC ASS'Y		1	G31-CR265*-47GV0	(B)<CDC>
29	CD MECH ASS'Y		1	251-011038-000X0	(B)<CDC>
CR-265(W)CDC					
1 + 2 + 3	PANEL TOP W U + BUTTON W	ASSY	1	G31-R265PL-05GV2	(W)<CDC>
1	PANEL TOP W U		(1)	---	(W)<CDC>
2	BUTTON DECORATION W		(1)	---	(W)<CDC>
3	BUTTON FUNCTION W		(1)	---	(W)<CDC>
4	BUTTON FUNCTION PCB ASS'Y		1	640-CS265A-020X0	(W)<CDC>
5					(W)<CDC>
6 + 20	HOLDER FRONT + BUTTON TRAY W	ASSY	1	G31-R265PA-47GV0	(W)<CDC>
6	HOLDER FRONT		(1)	---	(W)<CDC>
20	BUTTON TRAY W		(1)	---	(W)<CDC>
7					(W)<CDC>
8	USB&PHONE PCB ASS'Y		1	640-CS265U-050X0	(W)<CDC>
9	LENS DISPLAY		1	300-N02412-000V0	(W)<CDC>
10					(W)<CDC>
11					(W)<CDC>
12					(W)<CDC>
13					(W)<CDC>
14	HOLDER FOOT		4	300-N02414-000V0	(W)<CDC>
15	RUBBER FOOT		4	360-010153-000V0	(W)<CDC>
16					(W)<CDC>
17	NFC PCB ASS'Y				(W)<CDC>
18					(W)<CDC>
19	DISPLAY PCB ASS'Y		1	640-CS2653-070X0	(W)<CDC>
21	PANEL REAR U		1	20-4127-02-01-V1	(W)<CDC>
22					(W)<CDC>
23	POWER PCB ASS'Y		1	212-011287-002V0	(W)<CDC>
24					(W)<CDC>
25	MAIN PCB ASS'Y		1	640-CS2652-05WX0	(W)<CDC>
26	COVER TRAY W		1	300-N02413-000V0	(W)<CDC>
27					(W)<CDC>
28	CD MECH PLASTIC ASS'Y		1	G31-CR265*-47GV0	(W)<CDC>
29	CD MECH ASS'Y		1	251-011038-000X0	(W)<CDC>
CR-265(R)CDC					
1 + 2 + 3	PANEL TOP B U + BUTTON B	ASSY	1	G31-R265PL-05GV1	(R)<CDC>
1	PANEL TOP B U		(1)	---	(R)<CDC>
2	BUTTON DECORATION B		(1)	---	(R)<CDC>
3	BUTTON FUNCTION B		(1)	---	(R)<CDC>
4	BUTTON FUNCTION PCB ASS'Y		1	640-CS265A-020X0	(R)<CDC>
5					(R)<CDC>
6 + 20	HOLDER FRONT + BUTTON TRAY R	ASSY	1	G31-R265PA-47GV3	(R)<CDC>
6	HOLDER FRONT		(1)	---	(R)<CDC>
20	BUTTON TRAY R		(1)	---	(R)<CDC>
7					(R)<CDC>
8	USB&PHONE PCB ASS'Y		1	640-CS265U-050X0	(R)<CDC>
9	LENS DISPLAY		1	300-N02412-000V0	(R)<CDC>
10					(R)<CDC>
11					(R)<CDC>
12					(R)<CDC>
13					(R)<CDC>
14	HOLDER FOOT		4	300-N02414-000V0	(R)<CDC>
15	RUBBER FOOT		4	360-010153-000V0	(R)<CDC>

16					(R)<CDC>
17	NFC PCB ASS'Y				(R)<CDC>
18					(R)<CDC>
19	DISPLAY PCB ASS'Y		1	640-CS2653-070X0	(R)<CDC>
21	PANEL REAR U		1	20-4127-02-01-V1	(R)<CDC>
22					(R)<CDC>
23	POWER PCB ASS'Y		1	212-011287-002V0	(R)<CDC>
24					(R)<CDC>
25	MAIN PCB ASS'Y		1	640-CS2652-05WX0	(R)<CDC>
26	COVER TRAY R		1	300-N02413-300V0	(R)<CDC>
27					(R)<CDC>
28	CD MECH PLASTIC ASS'Y		1	G31-CR265*-47GV0	(R)<CDC>
29	CD MECH ASS'Y		1	251-011038-000X0	(R)<CDC>
CR-265(W)CMR					
1 + 2 + 3	PANEL TOP W HB + BUTTON W	ASSY	1	G31-R265PL-47GV0	(W)<CMR>
1	PANEL TOP W HB		(1)	---	(W)<CMR>
2	BUTTON DECORATION W		(1)	---	(W)<CMR>
3	BUTTON FUNCTION W		(1)	---	(W)<CMR>
4	BUTTON FUNCTION PCB ASS'Y		1	640-CS265A-020X0	(W)<CMR>
5					(W)<CMR>
6 + 20	HOLDER FRONT + BUTTON TRAY W	ASSY	1	G31-R265PA-47GV0	(W)<CMR>
6	HOLDER FRONT		(1)	---	(W)<CMR>
20	BUTTON TRAY W		(1)	---	(W)<CMR>
7					(W)<CMR>
8	USB&PHONE PCB ASS'Y		1	640-CS265U-020X0	(W)<CMR>
9	LENS DISPLAY		1	300-N02412-000V0	(W)<CMR>
10					(W)<CMR>
11					(W)<CMR>
12					(W)<CMR>
13					(W)<CMR>
14	HOLDER FOOT		4	300-N02414-000V0	(W)<CMR>
15	RUBBER FOOT		4	360-010153-000V0	(W)<CMR>
16					(W)<CMR>
17	NFC PCB ASS'Y		1	640-CS265N-020X0	(W)<CMR>
18					(W)<CMR>
19	DISPLAY PCB ASS'Y		1	640-CS2653-070X0	(W)<CMR>
21	PANEL REAR CMR		1	20-4200-01-01-V1	(W)<CMR>
22					(W)<CMR>
23	POWER PCB ASS'Y		1	212-011301-001V0	(W)<CMR>
24					(W)<CMR>
25	MAIN PCB ASS'Y		1	640-CS2652-01WX0	(W)<CMR>
26	COVER TRAY W		1	300-N02413-000V0	(W)<CMR>
27					(W)<CMR>
28	CD MECH PLASTIC ASS'Y		1	G31-CR265*-47GV0	(W)<CMR>
29	CD MECH ASS'Y		1	251-011038-000X0	(W)<CMR>

PACKING PROCEDURES PARTS LIST

CR-265

REF. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
CR-265(W)CMR					
P1	polyfoam bottom for main unit		1	450-012262-000Y0	(W)<CMR>
P2	EPE sheet		1	450-032120-000Y0	(W)<CMR>
P3	China approval label		1	460-013233-000V0	(W)<CMR>
P4	polyfoam Top for unit		1	450-012263-000Y0	(W)<CMR>
P5	User manual		1	440-002871-000Y0	(W)<CMR>
P6	AC CORD		1	150-021500-000X0	! (W)<CMR>
P7	FM ATENNA		1	292191	(W)<CMR>
P8	Antenna isolabor		1	241-100007-000V0	(W)<CMR>
P9	REMOTE CONTROL	RC-892S (without battery)	1	643-CS265*-01WX0	(W)<CMR>
P10	Carton sheet		1	420-011638-000Y0	(W)<CMR>
P11	Carton box		1	430-003259-001Y0	(W)<CMR>