

SN: 9CD8308600

Service Manual

Micro Component System with MP3 Playback Model : MC-5100DU



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Safety Precautions

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

	CAUTION RISK OF ELECTRIC SHOCKS DO NOT OPEN	
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		
	THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.	
	THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE.	

CAUTION

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

LASER SAFETY

THIS UNIT EMPLOYS A LASER. ONLY QUALIFIED SERVICE PERSONNEL SHOULD REMOVE THE COVER OR ATTEMPT TO SERVICE THIS DEVICE DUE TO POSSIBLE EYE INJURY.

CAUTION : USE OF ANY CONTROLS, ADJUSTMENTS, OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION : TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

ATTENTION : POUR EVITER LES CHOCs ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

Important Safety Instructions

- All the safety and operating instructions should be read before the appliance is operated.
- The safety and operating instructions should be retained for future reference.
- All warnings on the appliance and in the operating instructions should be adhered to.
- All operating and use instructions should be followed.

1. Water and Moisture - The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink,

laundry tub, in a wet basement, or near a swimming pool, and the like.

PORTABLE CART

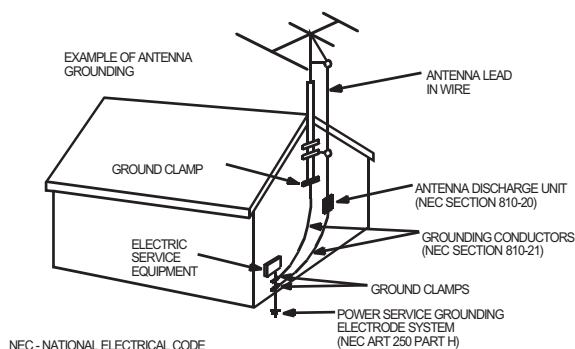


Figure 2

2. Carts and Stands - The appliance should be used only with a cart or stand that is recommended by the manufacturer.
3. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
4. Wall or Ceiling Mounting - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
5. Ventilation - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
6. Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
7. Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
8. Grounding or Polarization - The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.
9. Power - Cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
10. Protective Attachment Plug - If the appliance is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.
11. Cleaning - The appliance should be cleaned only as recommended by the manufacturer.
12. Power Lines - An outdoor antenna should be located away from power lines.

Safety Precautions

13. Outdoor Antenna Grounding - If an outside antenna is connected to the receiver be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes and requirements for the grounding electrode. See Figure 1.



14. Non-use Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

15. Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

16. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:

- a) The power-supply cord or the plug has been damaged; or
- b) Objects have fallen, or liquid has been spilled into the appliance; or
- c) The appliance has been exposed to rain; or
- d) The appliance does not appear to operate normally or exhibits a marked change in performance; or
- e) The appliance has been dropped, or the enclosure damaged.

17. Servicing - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

Specifications

2

▶ GENERAL Section

Power Supply : DC 10.5 V, 1.3 A (External DC In)
Adaptor Input : AC 100 ~ 240 V, 50/60 Hz
Output Power(RMS) : 2.5 W x 2
Terminal impedance : Speaker 4 ohm / Phones 32 ohm
Unit Dimensions : 152 (L) x 220 (W) x 193 (H) mm
Net Weight : 0.97 kg
Gross Weight : 3.85 kg

2

▶ RADIO Section

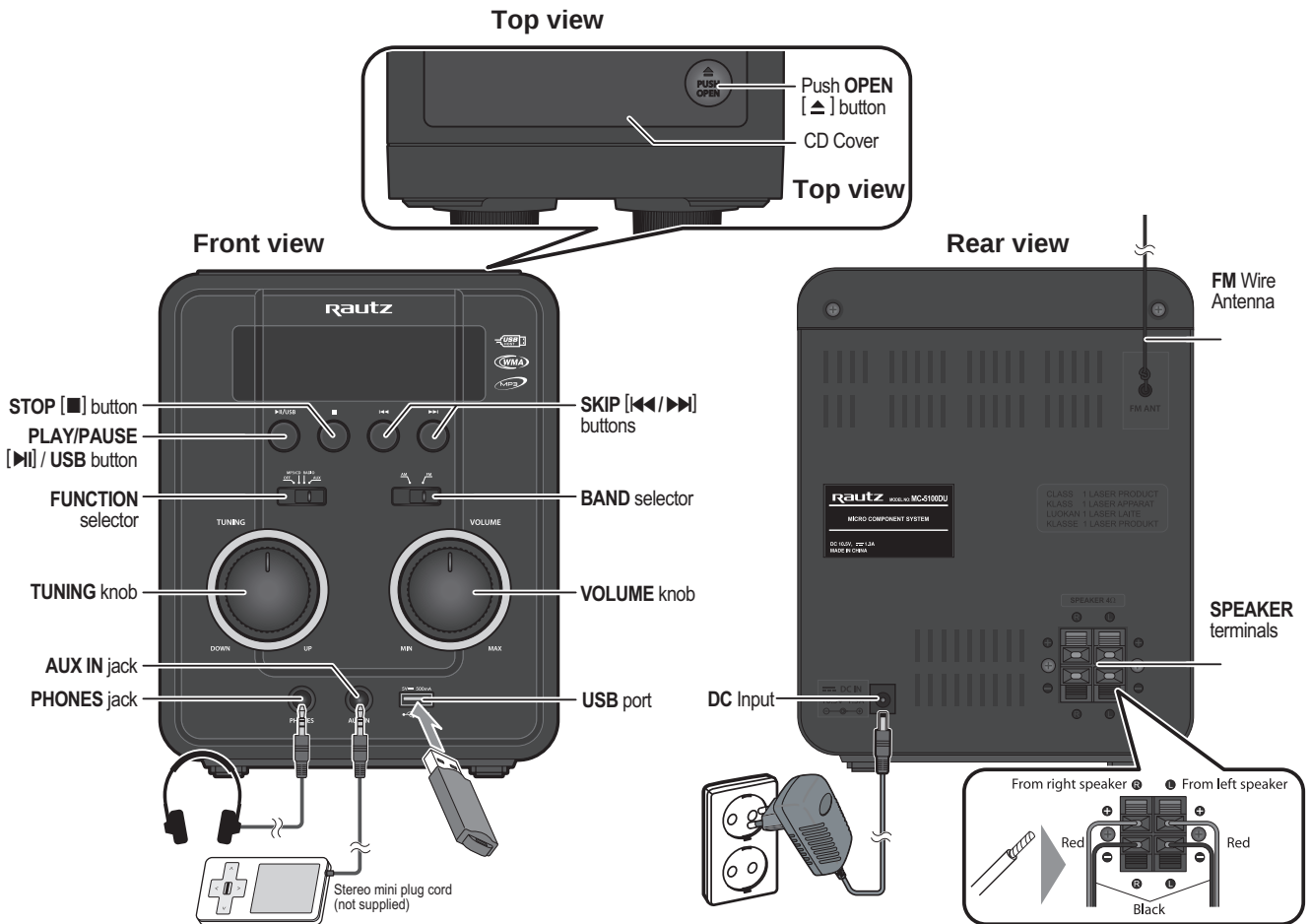
Tuning Frequency AM : 504 ~ 1,710 KHz
 FM : 86 ~ 109 MHz

▶ MP3/CD Section

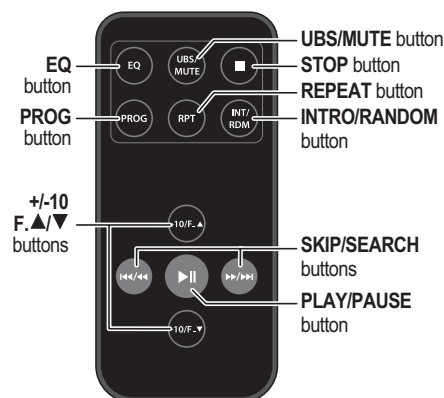
Channels : 2 Channels
S/N Ratio : 50 dB
Sampling Frequency : 44.1 kHz
Disc Size : 8 Cm or 12 Cm

Location of Users Controls

► Main Unit

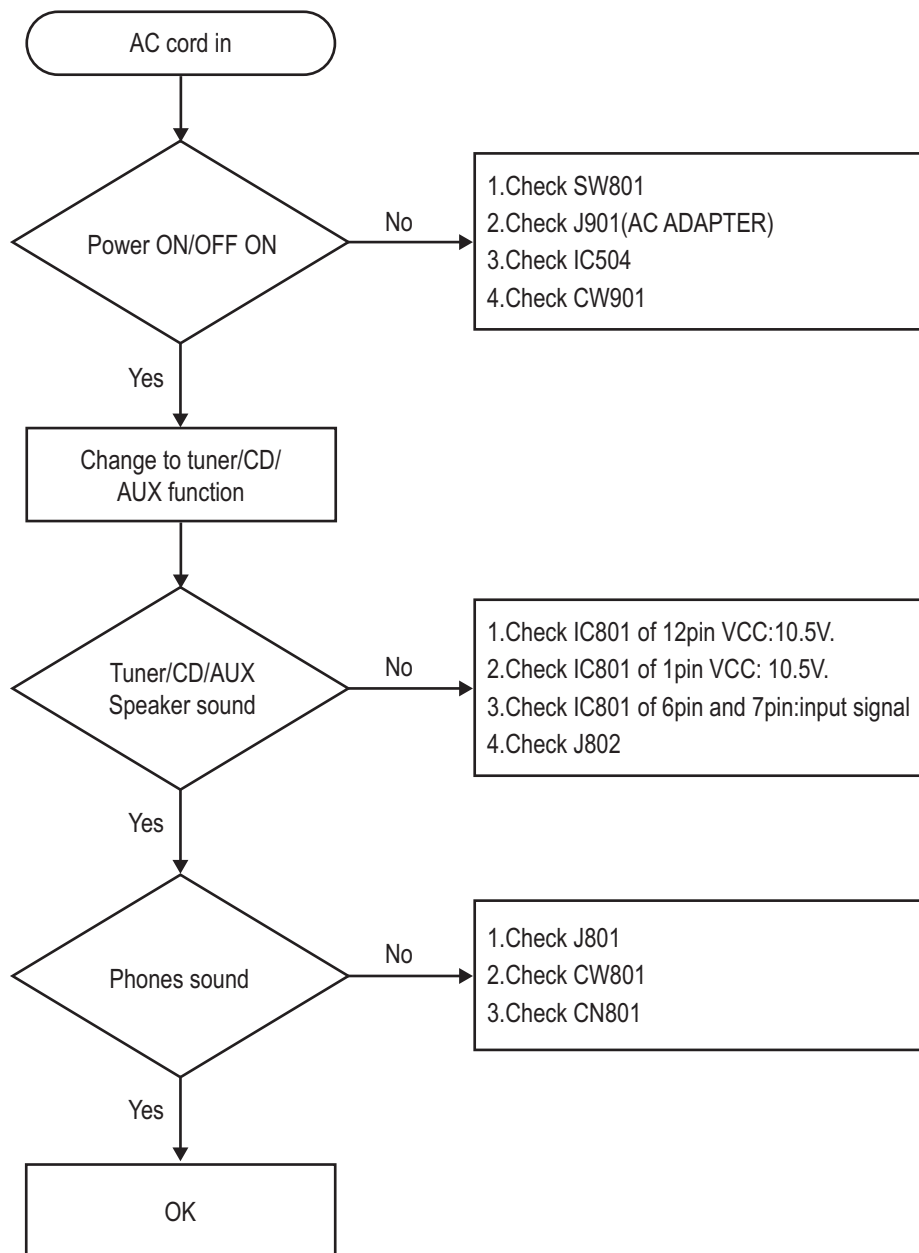


► Remote Controller



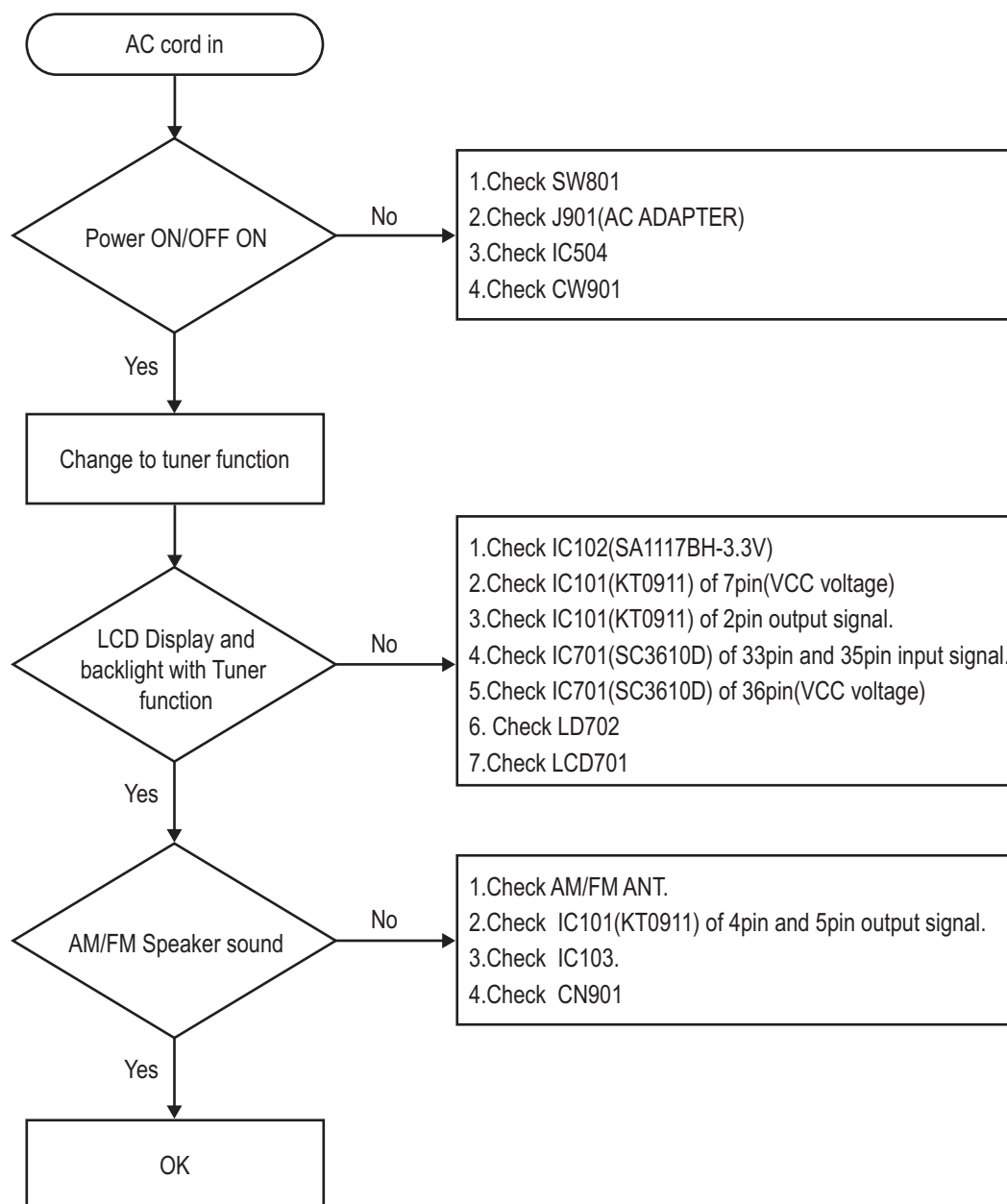
Trouble Shooting Guide

► POWER and AMP Section



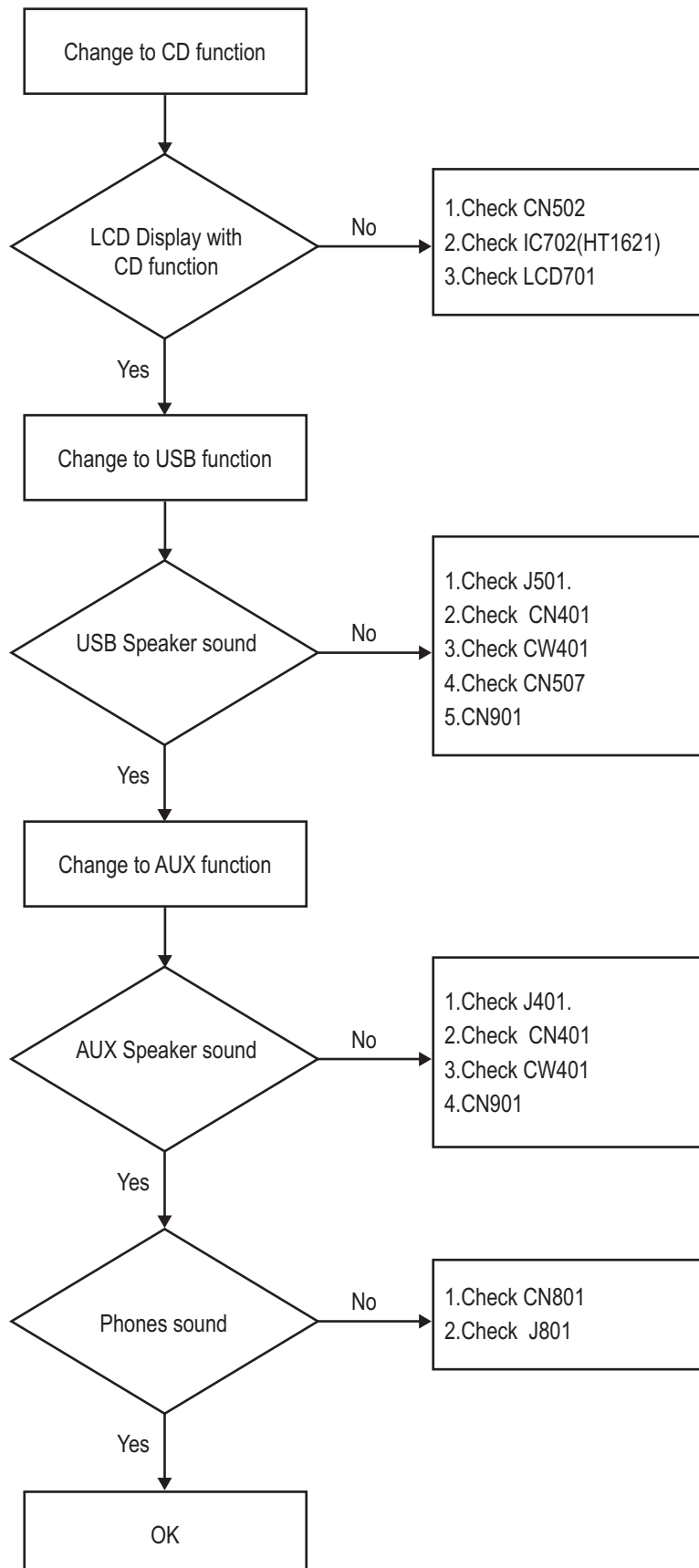
Trouble Shooting Guide

▶ FRONT Section 1



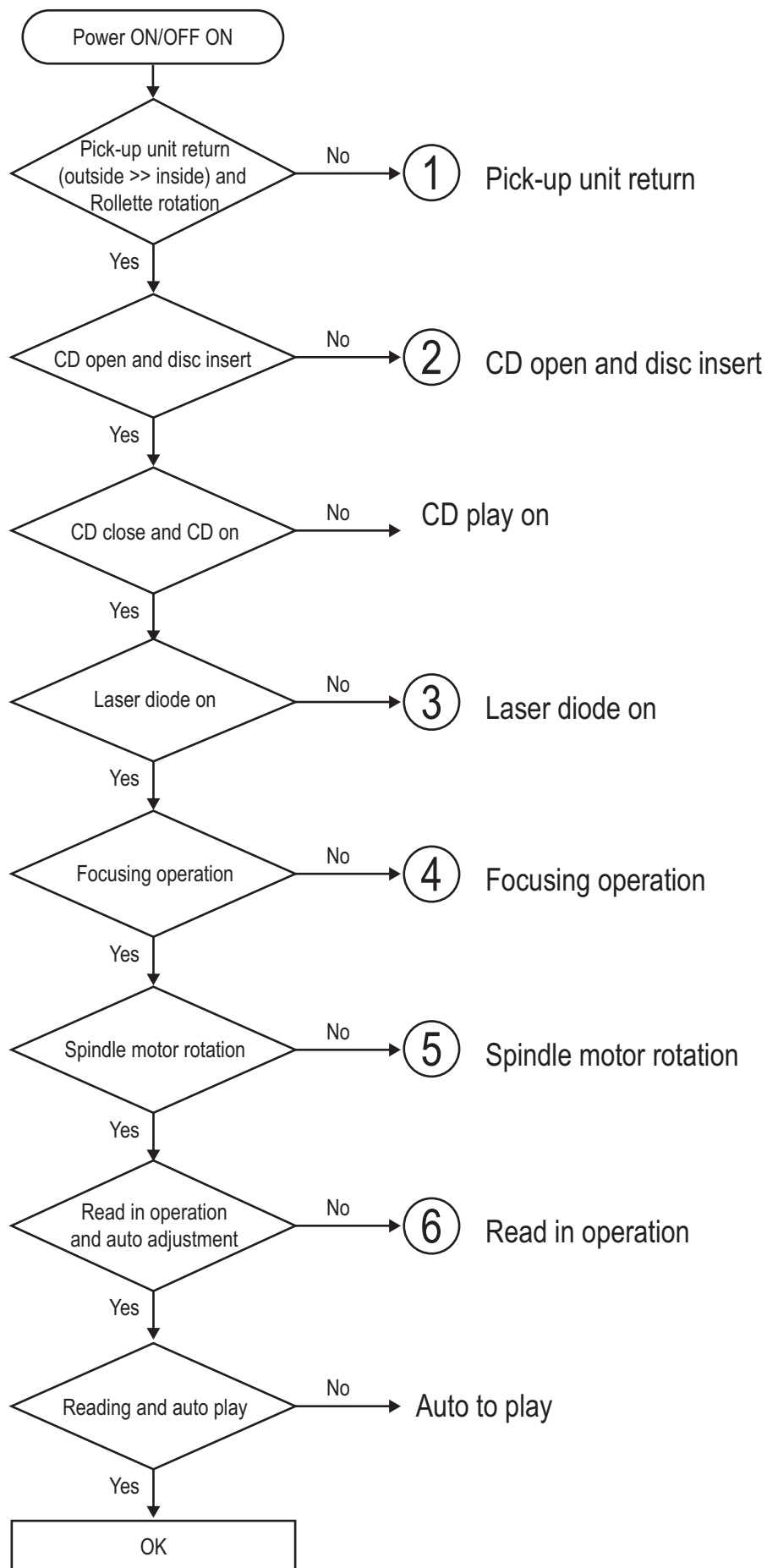
Trouble Shooting Guide

▶ FRONT Section 2



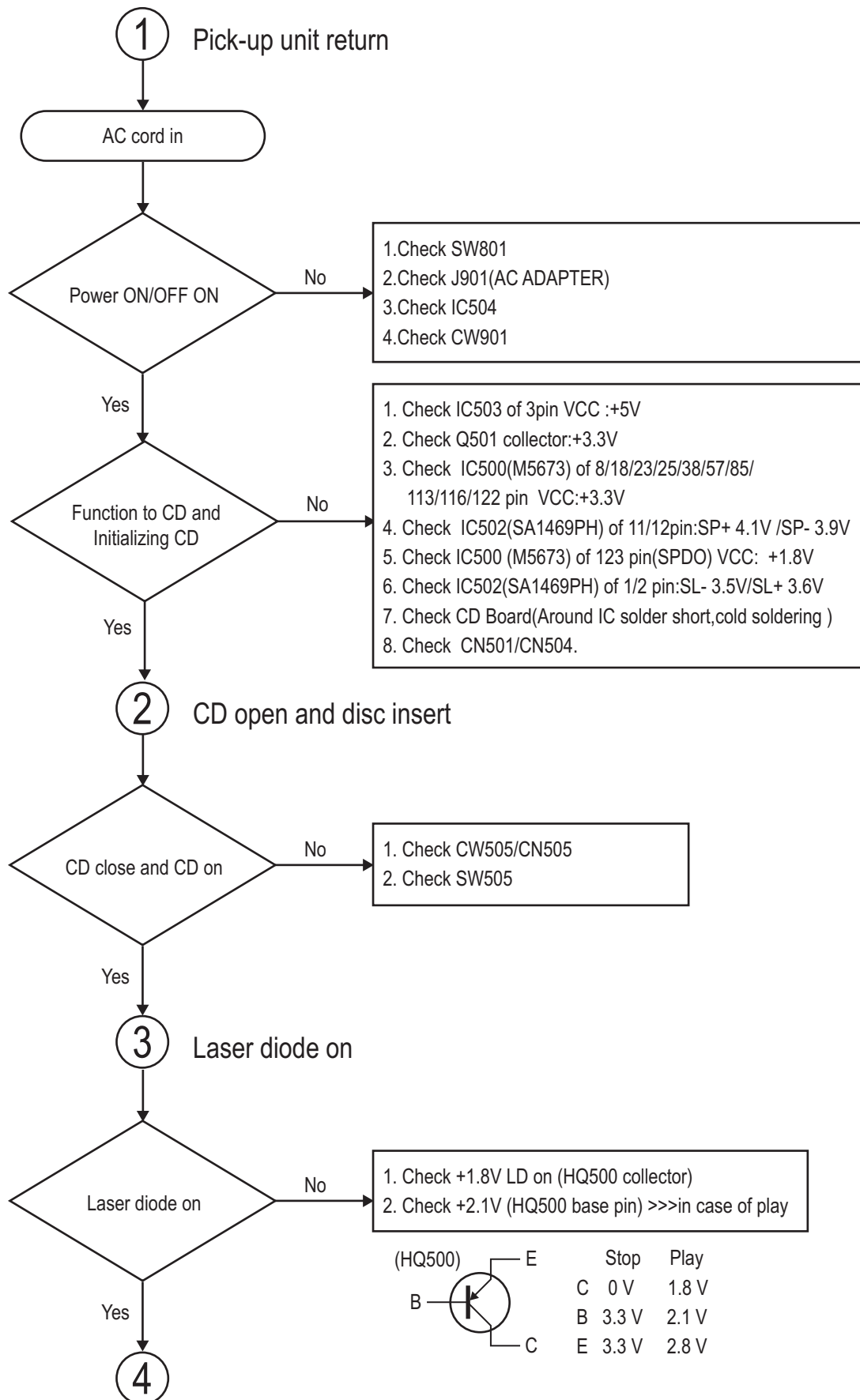
Trouble Shooting Guide

▶ MP3/CD Section 1



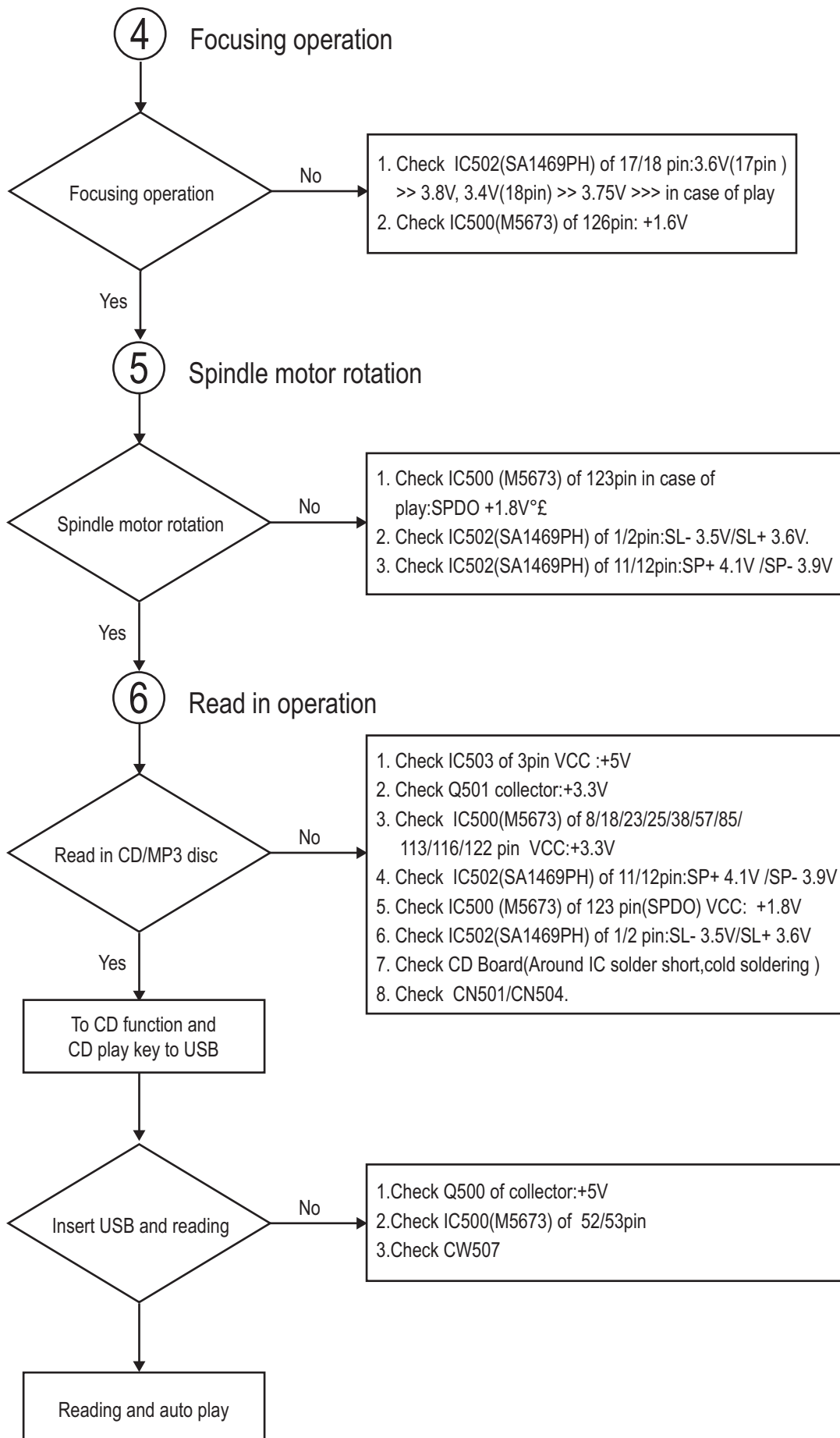
Trouble Shooting Guide

▶ MP3/CD Section 2



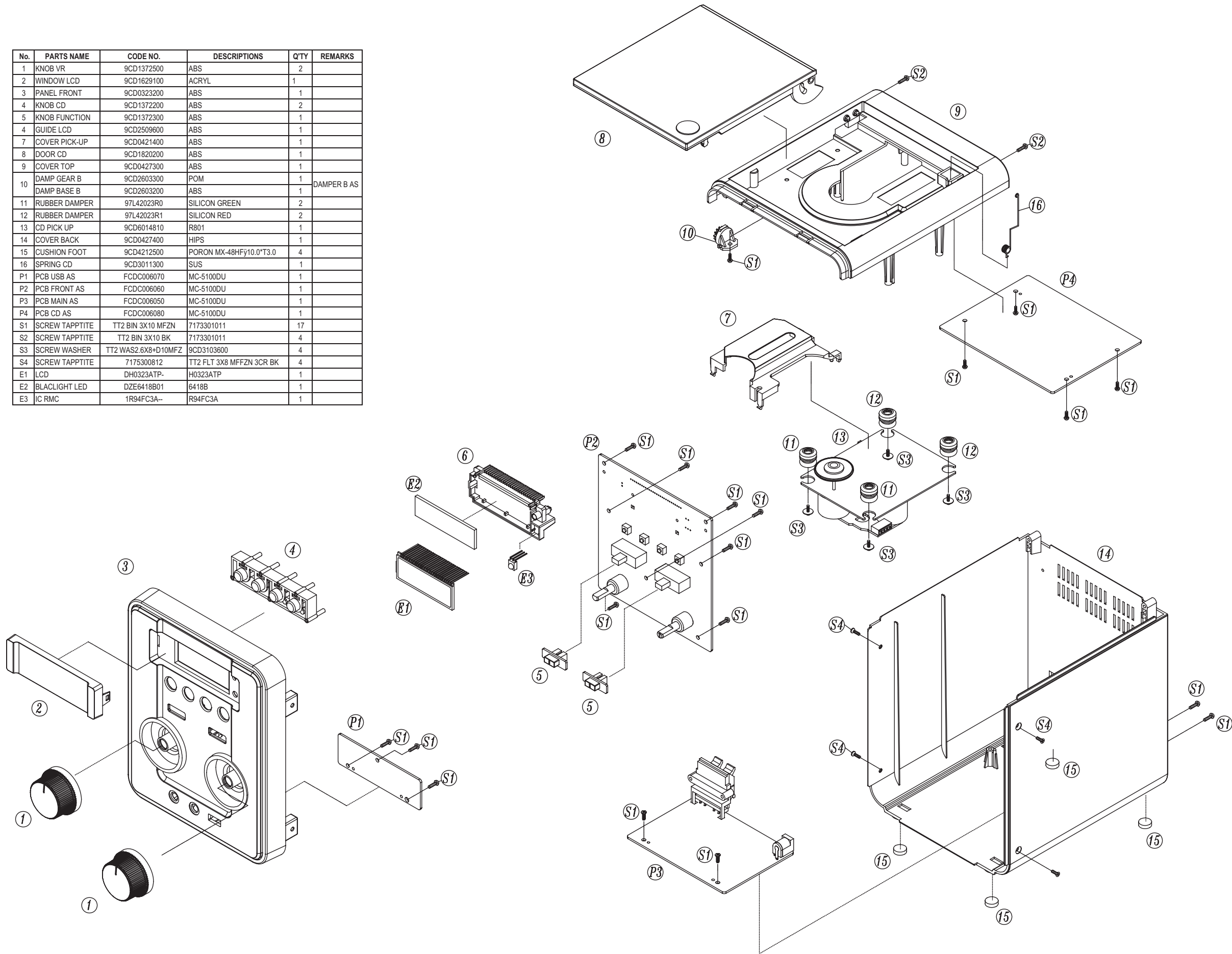
Trouble Shooting Guide

► MP3/CD Section 3

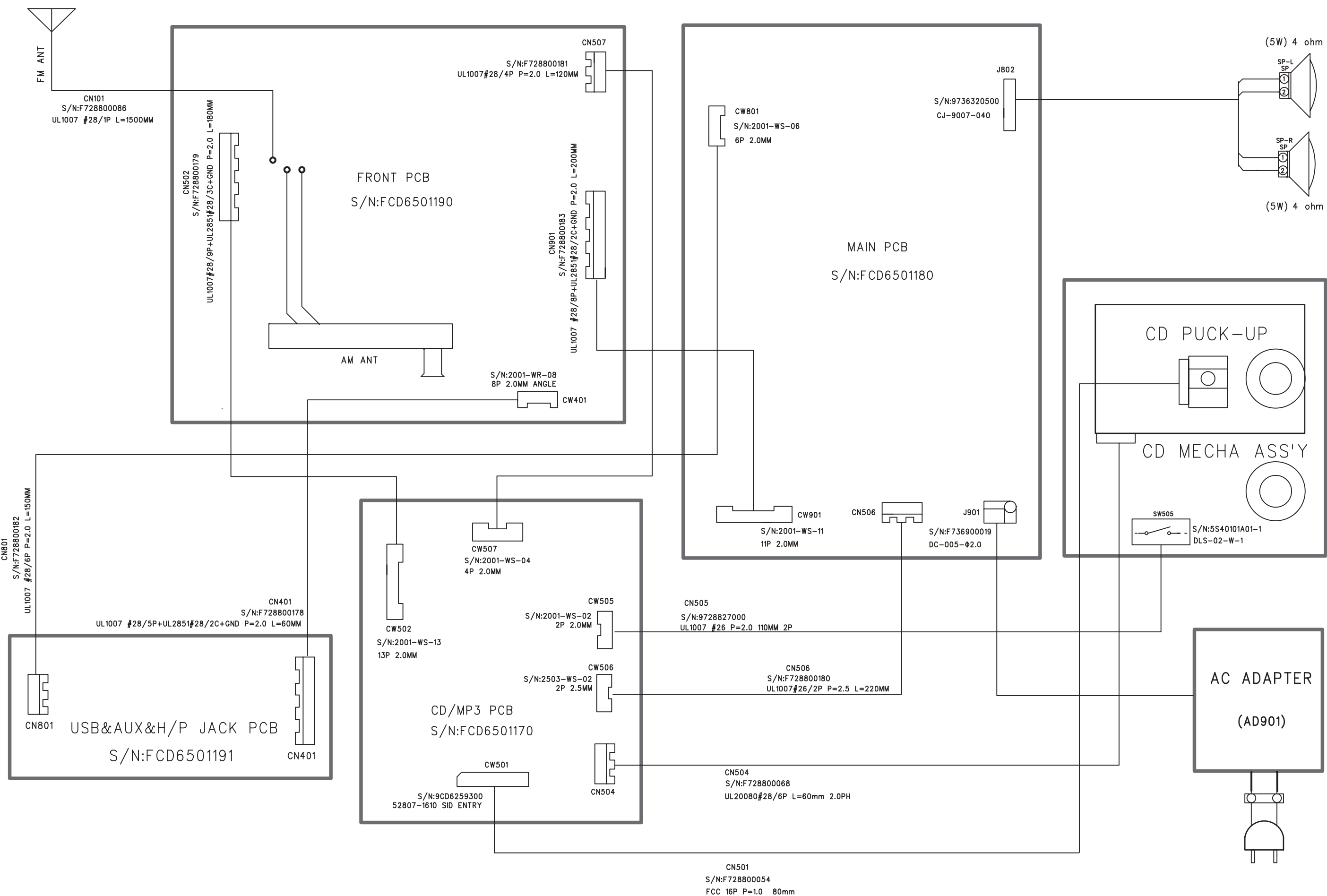


Exploded view and parts list

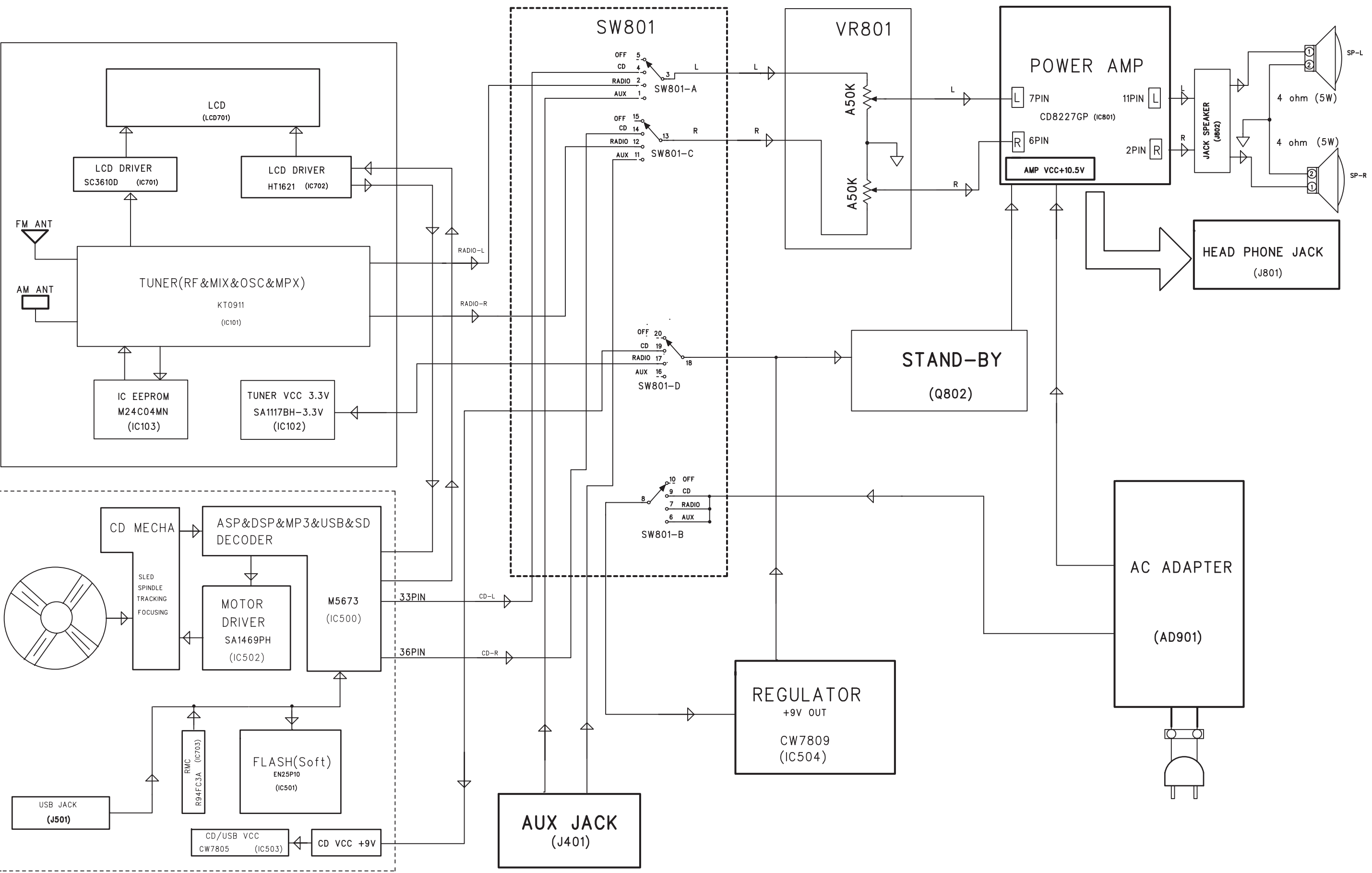
No.	PARTS NAME	CODE NO.	DESCRIPTIONS	Q'TY	REMARKS
1	KNOB VR	9CD1372500	ABS	2	
2	WINDOW LCD	9CD1629100	ACRYL	1	
3	PANEL FRONT	9CD0323200	ABS	1	
4	KNOB CD	9CD1372200	ABS	2	
5	KNOB FUNCTION	9CD1372300	ABS	1	
4	GUIDE LCD	9CD2509600	ABS	1	
7	COVER PICK-UP	9CD0421400	ABS	1	
8	DOOR CD	9CD1820200	ABS	1	
9	COVER TOP	9CD0427300	ABS	1	
10	DAMP GEAR B	9CD2603300	POM	1	DAMPER B AS
	DAMP BASE B	9CD2603200	ABS	1	
11	RUBBER DAMPER	97L42023R0	SILICON GREEN	2	
12	RUBBER DAMPER	97L42023R1	SILICON RED	2	
13	CD PICK UP	9CD6014810	R801	1	
14	COVER BACK	9CD0427400	HIPS	1	
15	CUSHION FOOT	9CD4212500	PORON MX-48HFy10.0*T3.0	4	
16	SPRING CD	9CD3011300	SUS	1	
P1	PCB USB AS	FCDC006070	MC-5100DU	1	
P2	PCB FRONT AS	FCDC006060	MC-5100DU	1	
P3	PCB MAIN AS	FCDC006050	MC-5100DU	1	
P4	PCB CD AS	FCDC006080	MC-5100DU	1	
S1	SCREW TAPPTITE	TT2 BIN 3X10 MFZN	7173301011	17	
S2	SCREW TAPPTITE	TT2 BIN 3X10 BK	7173301011	4	
S3	SCREW WASHER	TT2 WAS2.6X8+D10MFZ	9CD3103600	4	
S4	SCREW TAPPTITE	7175300812	TT2 FLT 3X8 MFFZN 3CR BK	4	
E1	LCD	DH0323ATP-	H0323ATP	1	
E2	BLACLIGHT LED	DZE6418B01	6418B	1	
E3	IC RMC	1R94FC3A--	R94FC3A	1	



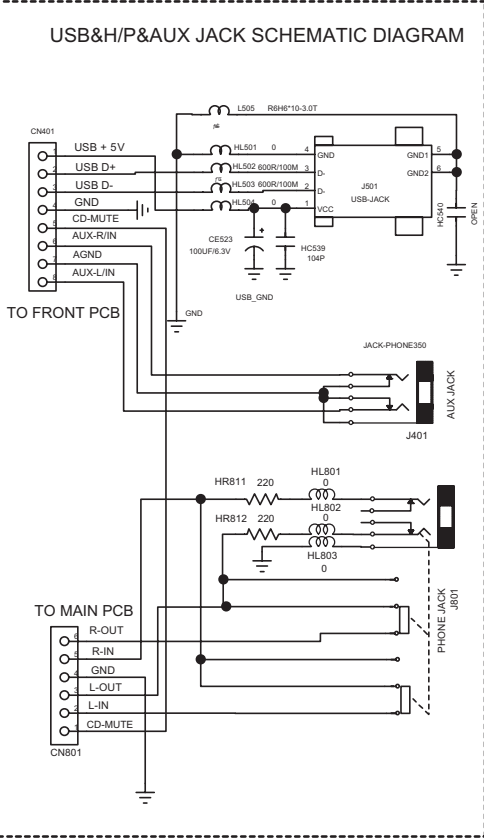
Wiring Diagram



Block Diagram

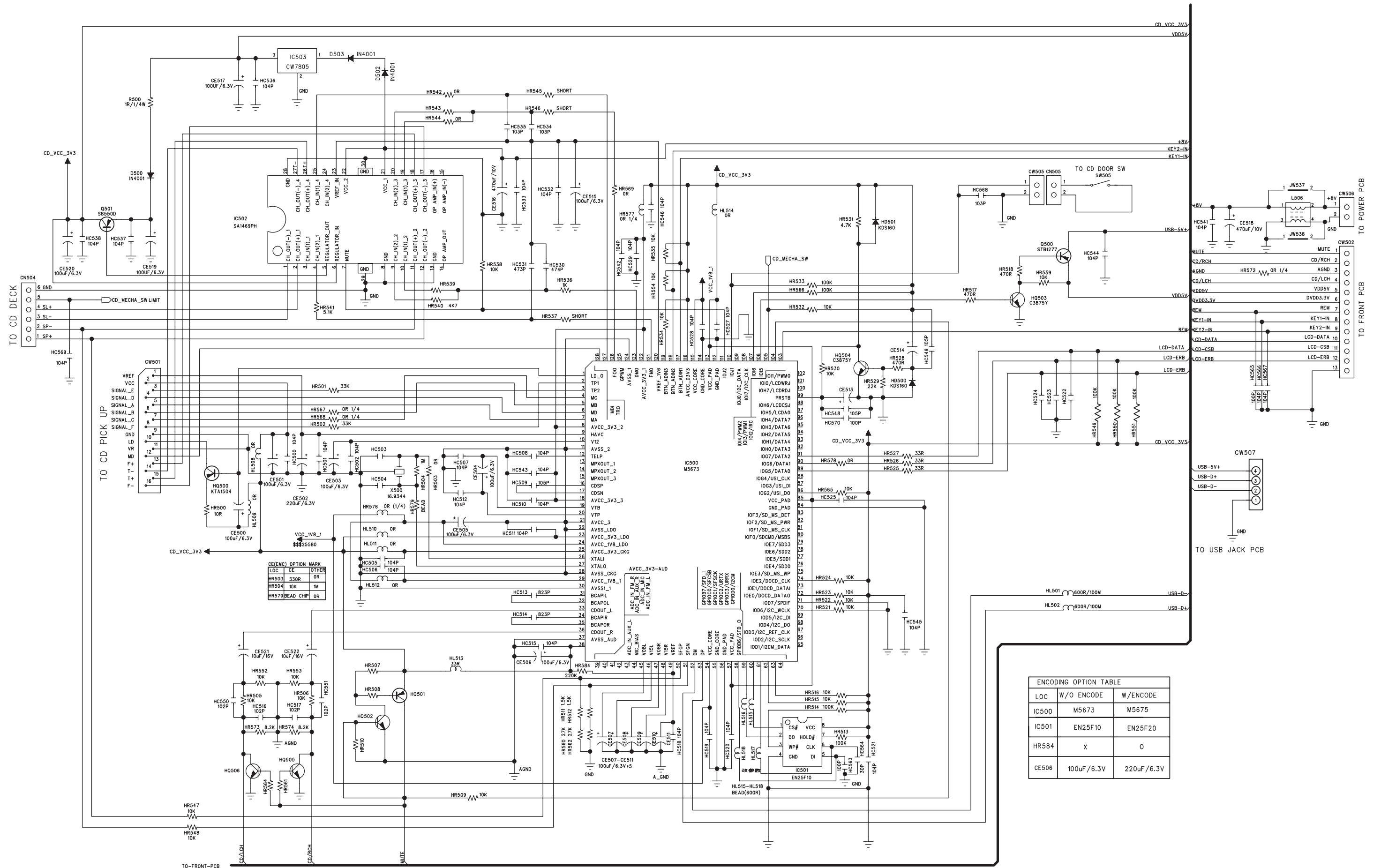


● FRONT + USB + H/P + AUX Jack Section



LOC	CE	OTHER
L801	BEAD CHIP	0R
L802	BEAD CHIP	0R
L803	BEAD CHIP	0R
HR006	8.2K	2.2K
HC801	104P	OPEN
HC011	12P	OPEN

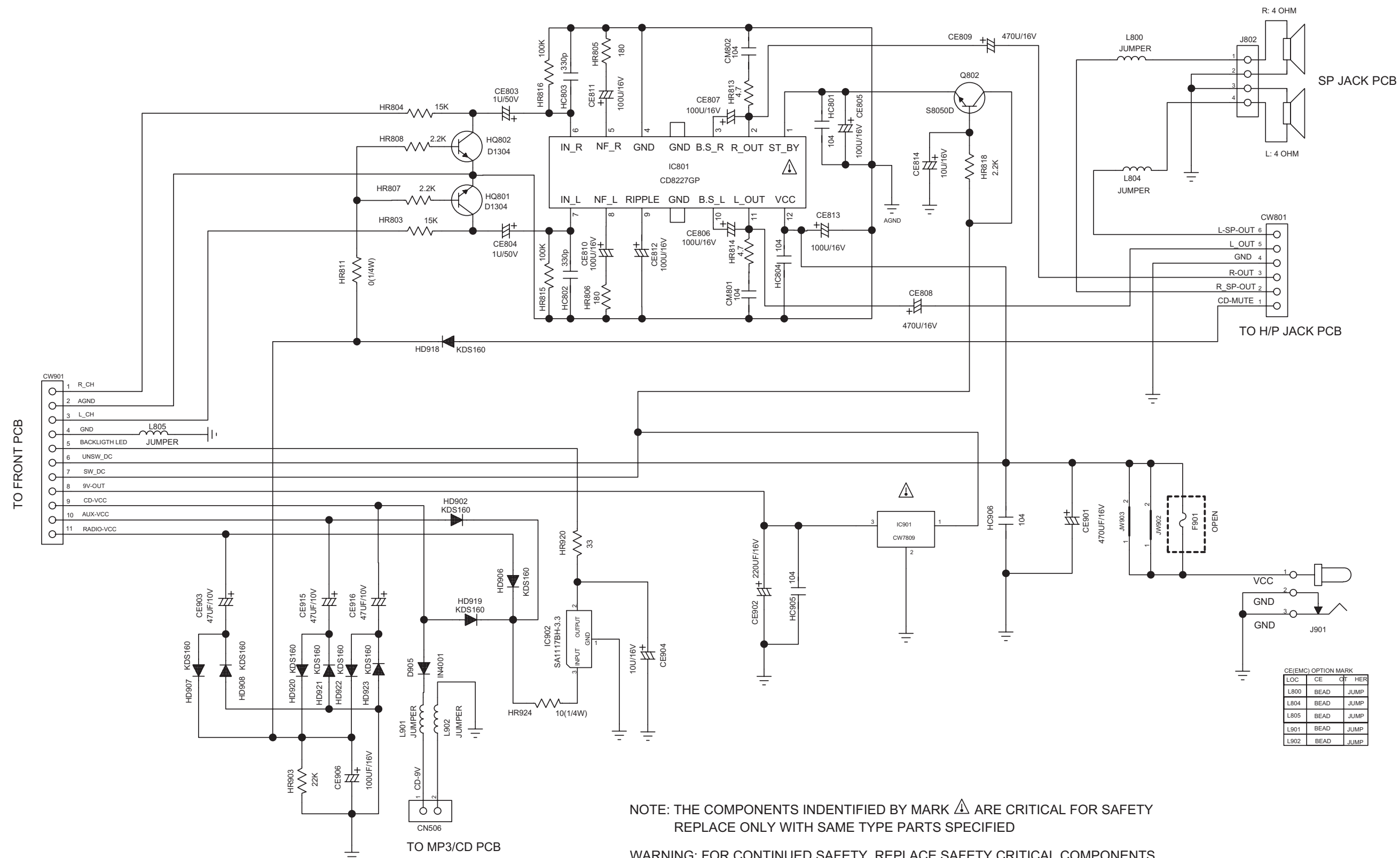
- **MP3/CD Section**



ENCODING OPTION TABLE		
LOC	W/O ENCODE	W/ENCODE
IC500	M5673	M5675
IC501	EN25F10	EN25F20
HR584	X	O
CE506	100uF / 6.3V	220uF / 6.3V

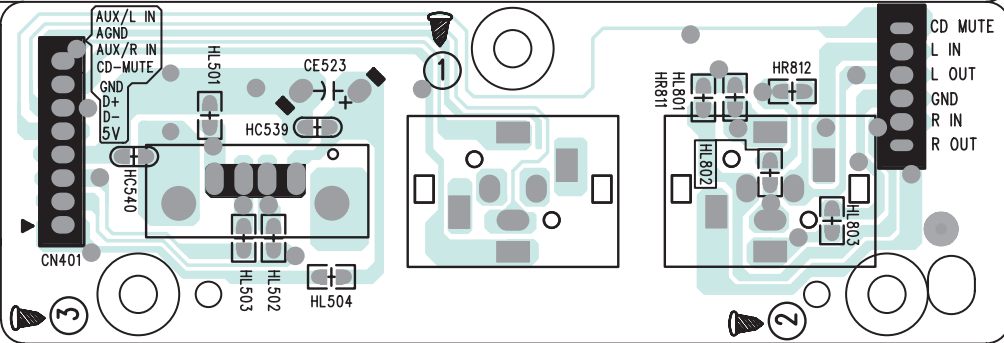
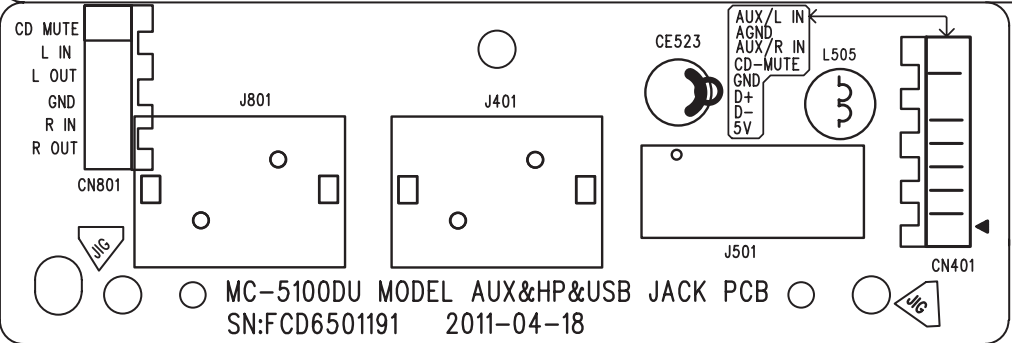
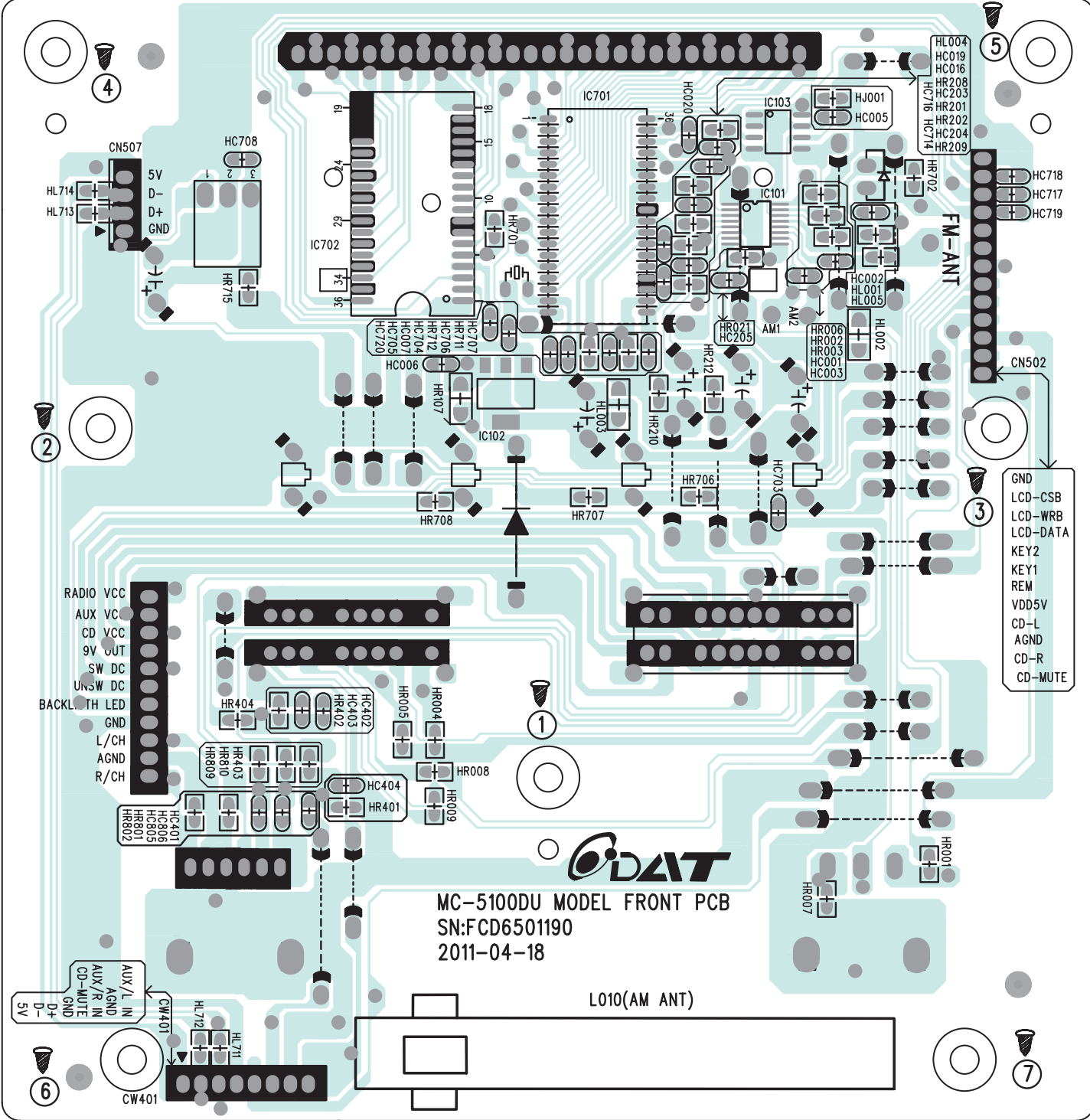
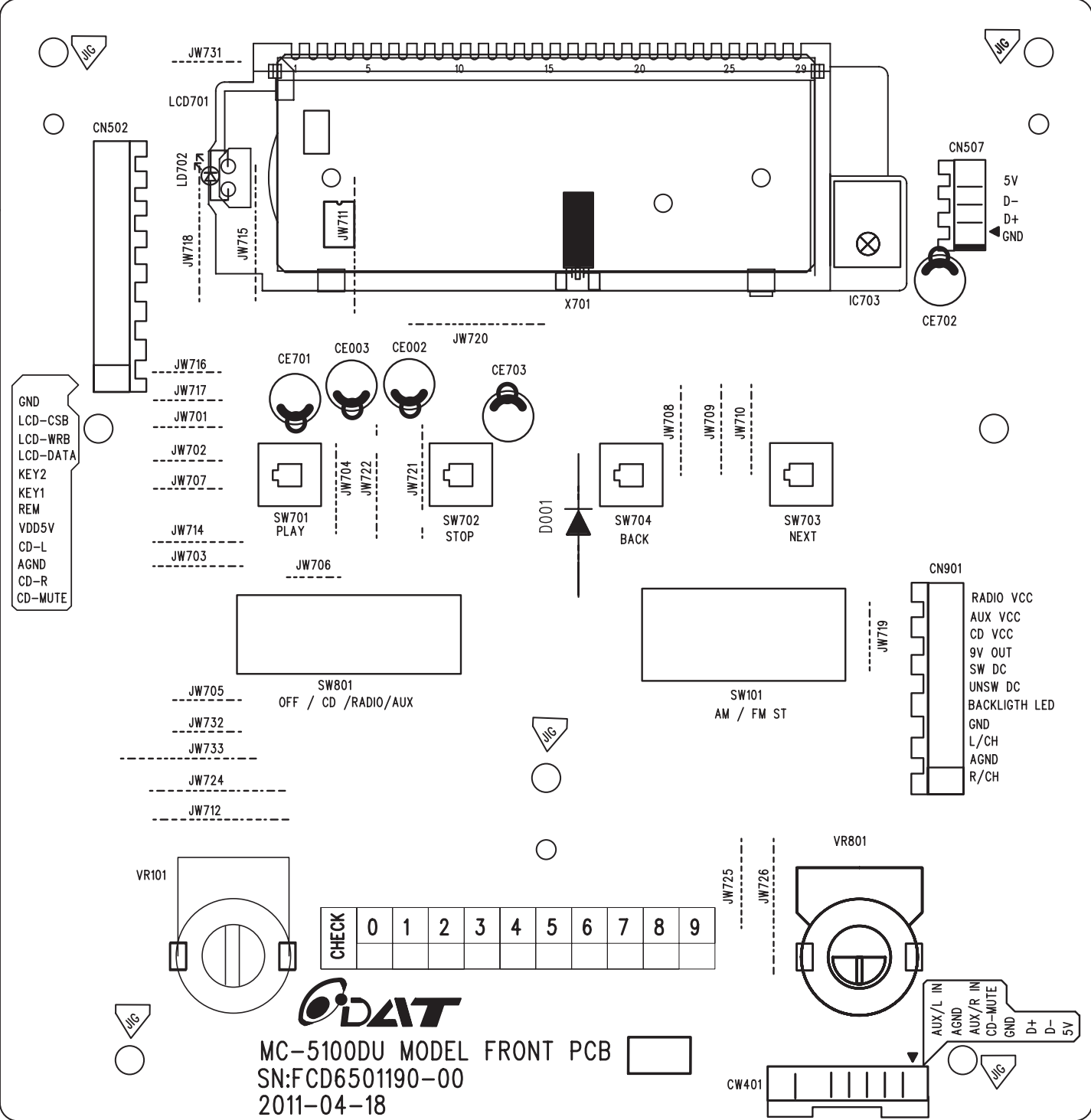
Schematic Diagram

● MAIN + SPEAKER + DC JACK Section



P.C.B Pattern Layout

• FRONT PCB / AUX + USB + H/P JACK PCB

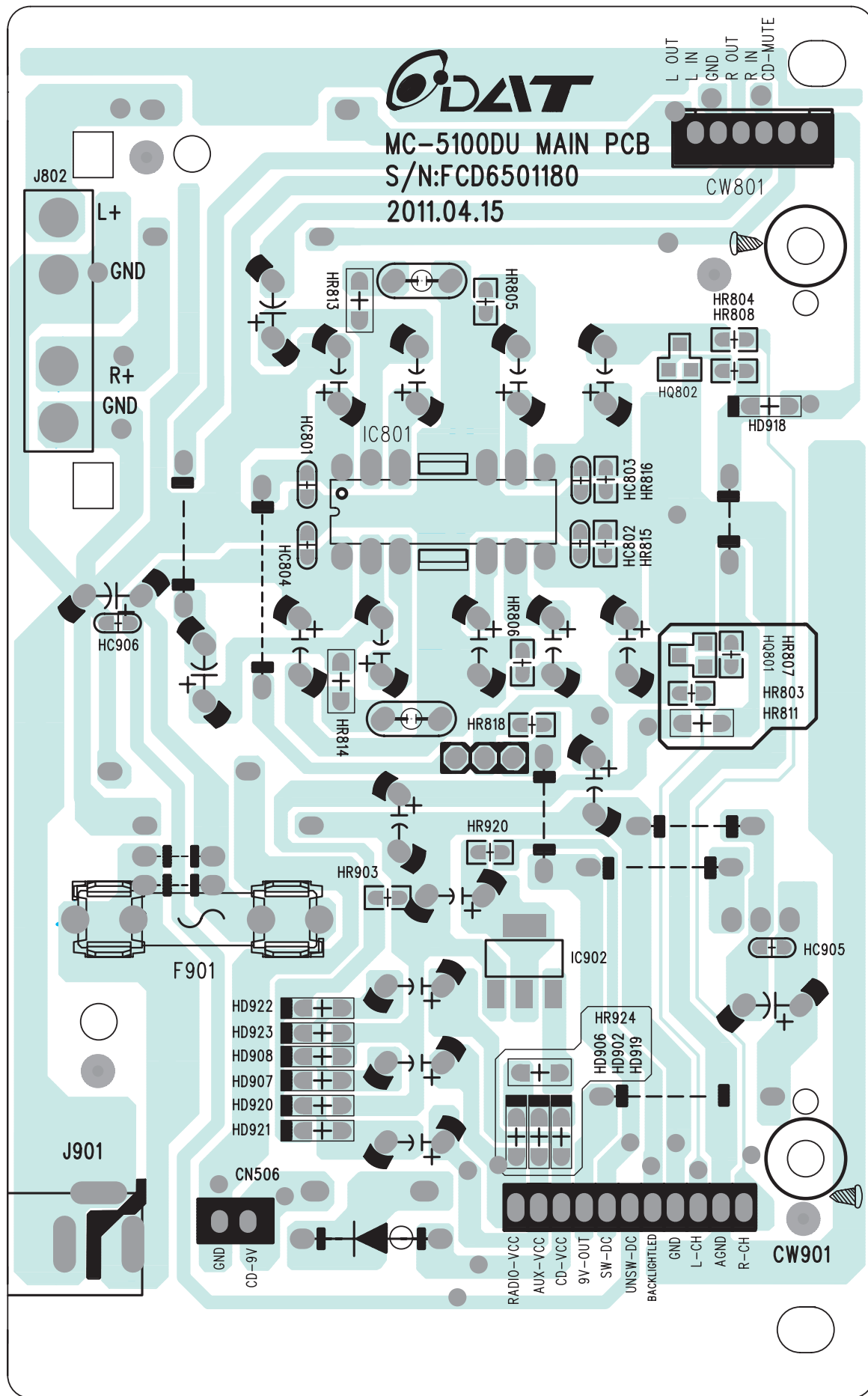
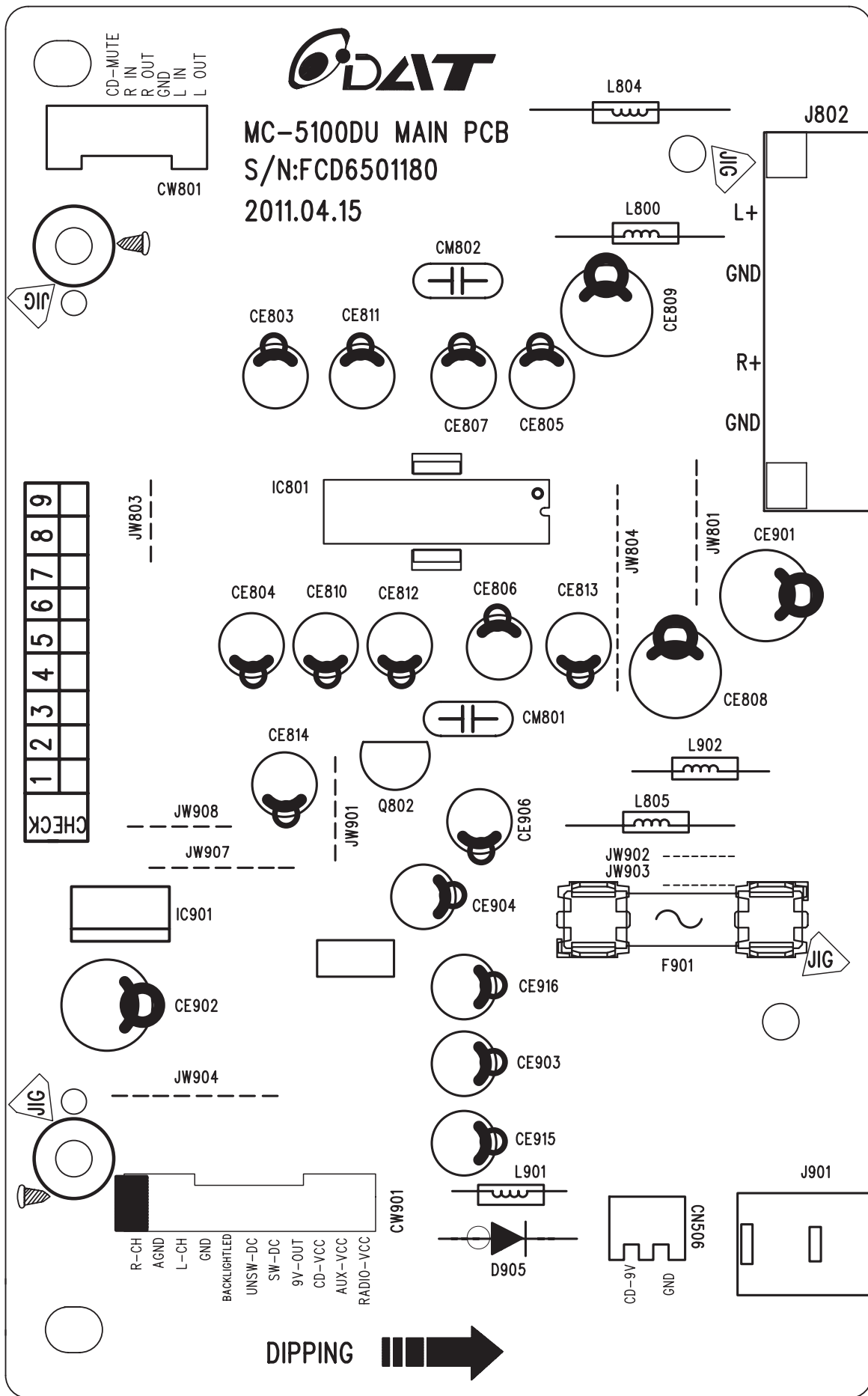


- **MP3/CD PCB**



P.C.B Pattern Layout

• MAIN PCB



Part List

I. PCB Main Ass'y

Locations	Part Code	Part Name	Descriptions	Remark
B100	FCD6501180	PCB MAIN	122X163X1.6T(1*2)FR-1 94V0	
CE803, CE804	CEXF1H109V-X	C ELECTRO	50V RSS 1MF (5X11) TP	
CE805, CE806, CE807, CE810, CE811 CE812, CE813, CE906	CEXF1C101V-X	C ELECTRO	16V RSS 100MF (6.3X11) TP	
CE808, CE809, CE901	CEXF1C471V-X	C ELECTRO	16V RSS 470MF (9X13) TP	
CE814, CE904	CEXF1C100V-X	C ELECTRO	16V RSS 10MF(5X11) TP	
CE902	CEXF1C221V-X	C ELECTRO	16V RSS 220MF (6X12) TP	
CE903, CE915, CE916	CEXF1A470V-X	C ELECTRO	10V RSS 47MF(5X11)TP	
CM801, CM802	CMXM2A104J-X	C MYLAR	100V 0.1MF J	
CN506	F728800180	CONN AS	UL1007#26/2P P=2.5 L=220MM	
CW801	2001-WS-06	WAFER	6P 2.0MM	
CW901	2001-WS-11	WAFER	11P 2.0MM	
D905	DIN4001---	DIODE	IN4001	
HC801, HC804, HC905, HC906	HCFK104MBA	C CHIP CERA	50V Y5V 0.1MF M 1608	
HC802, HC803	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608	
HD902, HD906, HD907, HD908, HD918 HD919, HD920, HD921, HD922, HD923	DZDS160---	DIODE SW CHIP	KDS160(KDS511)	
HQ801, HQ802	TZTD1304--	TR CHIP	KTD1304	
HR803, HR804	HRFT153JBA	R CHIP	1/10 15K OHM J 1608	
HR805, HR806	HRFT181JBA	R CHIP	1/10 180 OHM J 1608	
HR807, HR808, HR818	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608	
HR811	HRF4000-EA	R CHIP	1/4 0 OHM J 3216	
HR813, HR814	HRF4479JEA	R CHIP	1/4W 4.7 OHM J 3216	
HR815, HR816	HRFT104JBA	R CHIP	1/10 100K OHM J 1608	
HR903	HRFT223JBA	R CHIP	1/10 22K OHM J 1608	
HR920	HRFT330JBA	R CHIP	1/10 33 OHM J 1608	
HR924	HRF4100JEA	R CHIP	1/4W 10 OHM J 3216	
IC801	1CD8227GP-	IC	CD8227GP	
IC901	1CW7809---	IC	CW7809	
IC902	1SA1117S33	IC REGULATOR	SA1117BH-3.3(SOT-223-3L)	
J802	9736320500	JACK SPEAKER	CJ-9007-040	
J901	F736900019	DC JACK	DC-005- 2.0	
JW801, JW907, L902	W581GY12J5	WIRE JUMPER	AWG22 1/0.65 SN 12.5 AUTO	
JW803	W581GY7595	WIRE JUMPER	AWG22 1/0.65 SN 7.5 AUTO	
JW804, L804	W581GY17J5	WIRE JUMPER	AWG22 1/0.65 SN 17.5 AUTO	
JW901, JW908, L901	W581GY1005	WIRE JUMPER	AWG22 1/0.65 SN 10 AUTO	
JW902, JW903	W581GY6095	WIRE JUMPER	AWG22 1/0.65 SN 6 AUTO	
JW904, L800, L805	W581GY1505	WIRE JUMPER	AWG22 1/0.65 SN 15 AUTO	
Q802	TZTC8050-D	TR	KTC8050-D	
ZAMP1	9CD4414000	HEAT SINK IC	SPTE T0.8	

II. PCB Front Ass'y

Locations	Part Code	Part Name	Descriptions	Remark
B110	FCD6501190	PCB FRONT	122X139X1.6T FR-1 94V0	
CE002, CE003	CEXF1C100V-X	C ELECTRO	16V RSS 10MF(5X11) TP	
CE701, CE702, CE703	CEXF1A470V-X	C ELECTRO	10V RSS 47MF(5X11)TP	
CN101	F728800086	WIRE LEAD	UL1007 #28/1P L=1500MM	
CN502	F728800179	CONN AS	UL1007#28/9P+UL2851#28/3C+GND P=2.0 L=180MM	
CN507	F728800181	CONN AS	UL1007#28/4P P=2.0 L=120MM	
CN901	F728800183	CONN AS	UL1007 #28/8P+UL2851#28/2C+GND P=2.0 L=200MM	
CW401	2001-WR-08	WAFER	8P 2.0MM ANGLE	
D001, JW715, JW718, JW720, JW726	W581GY17J5	WIRE JUMPER	AWG22 1/0.65 SN 17.5 AUTO	
HC001	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608	
HC002	HCQK509JBA	C CHIP CERA	50V CH 5PF J 1608	
HC005, HC006, HC007, HC205, HC703 HC706, HC707, HC708, HC714, HC716 HC720	HCFK104MBA	C CHIP CERA	50V Y5V 0.1MF M 1608	
HC016	HCQK309JBA	C CHIP CERA	50V CH 3PF J 1608	
HC019, HC020	HCQK221JBA	C CHIP CERA	50V CH 220PF J 1608	
HC203, HC204	HCBK222KBA	C CHIP CERA	50V X7R 2200PF K 1608	
HC401, HC402, HC805, HC806	HCFH105MBA	C CHIP CERA	25V Y5V 1MF M 1608	
HC403, HC404, HC717, HC718, HC719	HCQK101JBA	C CHIP CERA	50V CH 100PF J 1608	

Part List

Locations	Part Code	Part Name	Descriptions	Remark
HC704, HC705	HCQK220JBA	C CHIP CERA	50V CH 22PF J 1608	
HJ001, HR001, HR007	HRFT000-BA	R CHIP	1/10 0 OHM J 1608	
HL002, HL003	HLC103J02A	COIL CHIP	10UH J 322513	
HL004	5LX600K841	COIL CHIP	BEAD 60 OHM 100MHZ 2012	
HL005	HLB101NF7B	COIL SMD	MIH160808HR10JT-LF	
HL711, HL712, HL713, HL714	5LX601K841	CHIP BEAD	FB 600 OHM 100MHZ 2012	
HR002	HRFT203JBA	R CHIP	1/10 20K OHM J 1608	
HR004	HRFT513JBA	R CHIP	1/10 51K OHM J 1608	
HR005, HR208, HR209	HRFT753JBA	R CHIP	1/10 75K OHM J 1608	
HR006, HR008	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
HR009, HR702, HR706, HR715	HRFT102JBA	R CHIP	1/10 1K OHM J 1608	
HR021, HR809, HR810	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
HR107	HRF4100JEA	R CHIP	1/4W 10 OHM J 3216	
HR201, HR202	HRFT153JBA	R CHIP	1/10 15K OHM J 1608	
HR210, HR212	HRFT104JBA	R CHIP	1/10 100K OHM J 1608	
HR401, HR402	HRFT183JBA	R CHIP	1/10 18K OHM J 1608	
HR403, HR404	HRFT223JBA	R CHIP	1/10 22K OHM J 1608	
HR701	HRFT562JBA	R CHIP	1/10 5.6K OHM J 1608	
HR707	HRFT122JBA	R CHIP	1/10 1.2K OHM J 1608	
HR708	HRFT182JBA	R CHIP	1/10 1.8K OHM J 1608	
HR711	HRFT105JBA	R CHIP	1/10 1M OHM J 1608	
HR712	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608	
HR801, HR802	HRFT682JBA	R CHIP	1/10 6.8K OHM J 1608	
IC101	1KT0911---	IC TUNER (DRO)	KT0911	
IC102	1SA1117S33	IC REGULATOR	SA1117BH-3.3(SOT-223-3L)	
IC103	1M24C04MN-	IC EEPROM	M24C04MN SOP	
IC701	1SC3610---	IC	SC3610D(SOP)	
IC702	1SG1621SB-	IC	HT1621 COB	
IC703	1R94FC3A--	IC RMC	R94FC3A	
JW701, JW702, JW705, JW707, JW716 JW717, JW719, JW732	W581GY7595	WIRE JUMPER	AWG22 1/0.65 SN 7.5 AUTO	
JW703, JW704, JW708, JW709, JW710 JW714, JW725	W581GY1005	WIRE JUMPER	AWG22 1/0.65 SN 10 AUTO	
JW706	W581GY6095	WIRE JUMPER	AWG22 1/0.65 SN 6 AUTO	
JW711, JW712, JW724, JW733	W581GY1505	WIRE JUMPER	AWG22 1/0.65 SN 15 AUTO	
JW721, JW722	W581GY12J5	WIRE JUMPER	AWG22 1/0.65 SN 12.5 AUTO	
L010	FLA340K015	AM ANT COIL&BAR&BRACKET	92TM7/8*60/8*15	
LCD701	DH0323ATP-	LCD	H0323ATP	
LD702	DZE6418B01	LED	6418B	
PAN60	9CD2509600	GUIDE LCD	ABS	
SW101	FS20403A10	AM/FM SW SLIDE	SST-42H08-G9-NS L=9mm(2 Click)	
SW701, SW702, SW703, SW704	5S50101Z67A-2	SW TACT	THVV502GAA	
SW801	FS30404A07	SW SLIDE	SST-44DO4-G9-NS	
VR101	FV120KF04B	ROTARY TUNING	R1212N13A1-B20K L=30F	
VR801	FV150KF01B	ROTARY VOLUME	R1212G13A1-A50K GF L=30F	
X701	5XA32R768CCQ	X-TAL	SF-32.768-JU3820	

III. PCB USB & AUX & H/P Ass'y

Locations	Part Code	Part Name	Descriptions	Remark
B120	FCD6501191	USB&AUX&H/P JACK PCB	89X29X1.6T FR-1 94V0	
CE523	CEXF1C100V-X	C ELECTRO	16V RSS 10MF(5X11) TP	
CN401	F728800178	CONN AS	UL1007 #28/5P+UL2851#28/2C+GND P=2.0 L=60MM	
CN801	F728800182	CONN AS	UL1007 #28/6P P=2.0 L=150MM	
HC539	HCFK104MBA	C CHIP CERA	50V Y5V 0.1MF M 1608	
HL501, HL504, HL801, HL802, HL803	HRFT000-BA	R CHIP	1/10 0 OHM J 1608	
HL502, HL503	5LX601K841	CHIP BEAD	FB 600 OHM 100MHZ 2012	
HR811, HR812	HRFT221JBA	R CHIP	1/10 220 OHM J 1608	
J401, J801	9736332200	JACK H/P	PI 3.5MM	
J501	9736332300	JACK USB	USAF-046N-WP-01 (USB A type, BLACK COLOR)	
L505	5LB701LF5B	COIL BEAD	R6H6*10-2.5TS-LF	

Part List

IV. PCB MP3CD Ass'y

Locations	Part Code	Part Name	Descriptions	Remark
B130	FCD6501170	PCB CD/MP3	98X247X1.6T(1*2) FR-1 94V0	
CE500, CE502, CE503, CE504, CE505 CE506, CE507, CE508, CE509, CE510 CE511, CE515, CE517, CE519, CE520	CEXF0J101V-X	C ELECTRO	6.3V RSS 100MF (5X11) TP	
CE501	CEXF0J221V-X	C ELECTRO	6.3V RSS 220MF (5X11) TP	
CE516, CE518	CEXF1A471V-X	C ELECTRO	10V RSS 470MF (6.3X12) TP	
CE521, CE522	CEXF1C100V-X	C ELECTRO	16V RSS 10MF(5X11) TP	
CN501	F728800054	CONN AS	FCC 16P P=1.0 80mm	
CN504	F728800068	CONN AS	UL20080#28/6P L=60mm 2.0PH	
CN505	9728827000	CONN AS	UL1007 #26 P=2.0 110MM 2P	
CW501	9CD6259300	WAFER	52807-1610 SID ENTRY	
CW502	2001-WS-13	WAFER	13P 2.0MM	
CW505	2001-WS-02	WAFER	2P 2.0MM	
CW506	2503-WS-02	WAFER	2P 2.5MM	
CW507	2001-WS-04	WAFER	4P 2.0MM	
D500, D502, D503	DIN4001---	DIODE	IN4001	
HC500, HC501, HC502, HC505, HC506 HC507, HC508, HC510, HC511, HC512 HC515, HC518, HC519, HC520, HC521 HC525, HC527, HC528, HC529, HC532 HC533, HC536, HC537, HC538, HC541 HC542, HC543, HC544, HC545, HC546 HC566, HC567, HC569	HCFK104MBA	C CHIP CERA	50V Y5V 0.1MF M 1608	
HC509, HC548, HC549	HCFH105MBA	C CHIP CERA	25V Y5V 1MF M 1608	
HC513, HC514	HCBK823MBA	C CHIP CERA	50V X7R 0.082MF M 1608	
HC516, HC517, HC550, HC551	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608	
HC530	HCFK474MBA	C CHIP CERA	50V Y5V 0.47MF M 1608	
HC531	HCBK473MBA	C CHIP CERA	50V X7R 0.047MF M 1608	
HC534, HC535, HC568	HCBK103MBA	C CHIP CERA	50V X7R 0.01MF M 1608	
HC563, HC565, HC570	HCQK101JBA	C CHIP CERA	50V CH 100PF J 1608	
HC564	HCQK300JBA	C CHIP CERA	50V CH 30PF J 1608	
HD500, HD501	DZDS160---	DIODE SW CHIP	KDS160(KDS511)	
HJ501, HJ502, HJ503	HRF4000-EA	R CHIP	1/4 0 OHM J 3216	
HL501, HL502, HL515, HL516, HL517 HL518	5LX601K841	CHIP BEAD	FB 600 OHM 100MHZ 2012	
HL508, HL509, HL510, HL511, HL512 HL514, HR537, HR542, HR544, HR569 HR578	HRFT000-BA	R CHIP	1/10 0 OHM J 1608	
HL513, HR525, HR526, HR527	HRFT330JBA	R CHIP	1/10 33 OHM J 1608	
HQ500	TZTA1504S-	TR CHIP	KTA1504S	
HQ503, HQ504	TZTC3875S-	TR CHIP	KTC3875Y	
HR500	HRFT100JBA	R CHIP	1/10 10 OHM J 1608	
HR501, HR502	HRFT333JBA	R CHIP	1/10 33K OHM J 1608	
HR503	HRFT331JBA	R CHIP	1/10 330 OHM J 1608	
HR504, HR505, HR506, HR509, HR515 HR516, HR521, HR522, HR523, HR524 HR530, HR532, HR534, HR535, HR538 HR547, HR548, HR552, HR553, HR554 HR559, HR565	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
HR511, HR512	HRFT152JBA	R CHIP	1/10 1.5K OHM J 1608	
HR513, HR514, HR533, HR549, HR550 HR551, HR566	HRFT104JBA	R CHIP	1/10 100K OHM J 1608	
HR517, HR518, HR528	HRFT471JBA	R CHIP	1/10 470 OHM J 1608	
HR529	HRFT223JBA	R CHIP	1/10 22K OHM J 1608	
HR531, HR540	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
HR536	HRFT102JBA	R CHIP	1/10 1K OHM J 1608	
HR541	HRFT512JBA	R CHIP	1/10 5.1K OHM J 1608	
HR560, HR562	HRFT273JBA	R CHIP	1/10 27K OHM J 1608	
HR571	HRF4109JEA	R CHIP	1/4W 1 OHM J 3216	
HR573, HR574	HRFT822JBA	R CHIP	1/10 8.2K OHM J 1608	
HR579	HLB301KF2B	BEAD CHIP	1608 100MHZ 300	

Part List

Locations	Part Code	Part Name	Descriptions	Remark
IC500	1M5673---	IC	M5673	
IC501	1EN25F10-	IC FLASH	EN25F10	
IC502	1SA1469PH-	IC MOTOR DRIVER	SA1469PH	
IC503	1CW7805--	IC	CW7805	
JW500, JW506, JW509, JW510, JW512 JW514, JW516, JW520, JW524, JW525 JW526, JW530	W581GY12J5	WIRE JUMPER	AWG22 1/0.65 SN 12.5 AUTO	
JW501, JW502, JW504, JW511, JW519 JW537, JW538	W581GY1005	WIRE JUMPER	AWG22 1/0.65 SN 10 AUTO	
JW503, JW513, JW517, JW522, JW528 JW529, JW531, JW534, JW536, JW539 JW540	W581GY6095	WIRE JUMPER	AWG22 1/0.65 SN 6 AUTO	
JW507, JW527, JW532	W581GY7595	WIRE JUMPER	AWG22 1/0.65 SN 7.5 AUTO	
JW508, JW515	W581GY1505	WIRE JUMPER	AWG22 1/0.65 SN 15 AUTO	
JW518, JW521, JW523, JW533	W581GY17J5	WIRE JUMPER	AWG22 1/0.65 SN 17.5 AUTO	
Q500	TZTA1273Y-	TR	KTA1273Y (A966Y) (KSA928A-Y) (STB1277Y)	
Q501	TZS8550Y--	TR	S8550	
SW505	5S40101A01-1	SW PUSH LOCK	DLS-02-W-1	
X500	5PQZTT1693	RESONATOR CERA	QTTT16.93MMX(3PIN)	

V. Panel Ass'y

Locations	Part Code	Part Name	Descriptions	Remark
PAN10	9CD0323200-01	PANEL FRONT	ABS	
PAN20	9CD1629100-01	WINDOW LCD	ACRYL	
PAN30	9CD1372200-01	KNOB CD	ABS	2 EA
PAN40	9CD1372500-01	KNOB VR	ABS	2 EA
PAN50	9CD1372300-01	KNOB FUNCTION	ABS	
FRONT+PANEL	7173301011	SCREW TAPPING	TT2 BIN 3X10 MFZN	7 EA
USB&AUX&H/P+PANEL	7173301011	SCREW TAPPING	TT2 BIN 3X10 MFZN	3 EA

VI. Cover Top Ass'y

Locations	Part Code	Part Name	Descriptions	Remark
COV10	9CD0427300-01	COVER TOP	ABS	
COV11	9CD6014810	CD PICK UP	R801	
COV12	9CD0421400	COVER PICK UP	ABS	
COV13	97L42023R0	RUBBER DAMPER	SILICON GREEN	2 EA
COV14	97L42023R1	RUBBER DAMPER	SILICON RED	2 EA
COV15	9CD1820200-01	DOOR CD	ABS	
COV16	9CD3009201	SPRING CD	SUS	
COV17	9CD2603300	DAMPER BASE B	ABS	
COV18	9CD2603200	DAMPER GEAR B	ACETAL	
COV19	9CD941A010	CD LENS	CD LENS 002	
DAMPER+TOP	7173301011	SCREW TAPPING	TT2 BIN 3X10 MFZN	
MP3CD+TOP	7173301011	SCREW TAPPING	TT2 BIN 3X10 MFZN	4 EA
CD PICK UP+TOP	9CD3103600	SCREW WASHER	TT2 WAS 2.6X8+D10 MFZN	4 EA

VII. Back Ass'y

Locations	Part Code	Part Name	Descriptions	Remark
BAC10	9CD0427400-01	COVER BACK	HIPS	
BAC11	9CD4212500	CUSHION FOOT	PORON MX-48HFØ10.0*T3.0	4 EA
TOP+BACK	7173301012	SCREW TAPPING	TT2 BIN 3X10 MFZN BK	2 EA
SPEAKER+BACK	7173301012	SCREW TAPPING	TT2 BIN 3X10 MFZN BK	2 EA
MAIN PCB+BACK	7173301011	SCREW TAPPING	TT2 BIN 3X10 MFZN	2 EA
BACK+PANEL	7175300812	SCREW TAPPING	TT2 FLT 3X8 MFZN 3CR	4 EA

VIII. Remote Controller Ass'y

Locations	Part Code	Part Name	Descriptions	Remark
REM10	9CDM077300A	REMOCON	IR-4110	

Part List

IX. Speaker Ass'y

Locations	Part Code	Part Name	Descriptions	Remark
SPE10	97C8537100	SPEAKER SYSTEM	MS-5100RF	2 EA

X. Packing Ass'y

Locations	Part Code	Part Name	Descriptions	Remark
PAC10	9CD5023800	BOX CARTON	A=B 355X329X256(H)MM	
PAC11	9CD9351000	LABEL SERIAL No.	DW基准	2 EA
PAC12	9CD9316800	LABEL SPEC	69X34MM	
PAC13	9CD9322223	LABEL LASER CAUTION	40X18MM	
PAC14	9CD9534100	MANUAL INSTRUCTION	GB	
PAC15	9CD49180T0	PAD SNOW TOP	EX-PS	
PAC15	9CD49180B0	PAD SNOW BOTT	EX-PS	
AD901	5DC136WF02	AC ADAPTER	NLB130105W1A1	
PAC17	9734810500-03	POLY BAG MANUAL	PE01 300X200XT0.05	
PAC19	9CD4801610-01	POLY BAG(SET)	珍珠棉 W510XL390 (390边开口)	
PAC20	9CD9405600	W/CARD	PAPER	

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