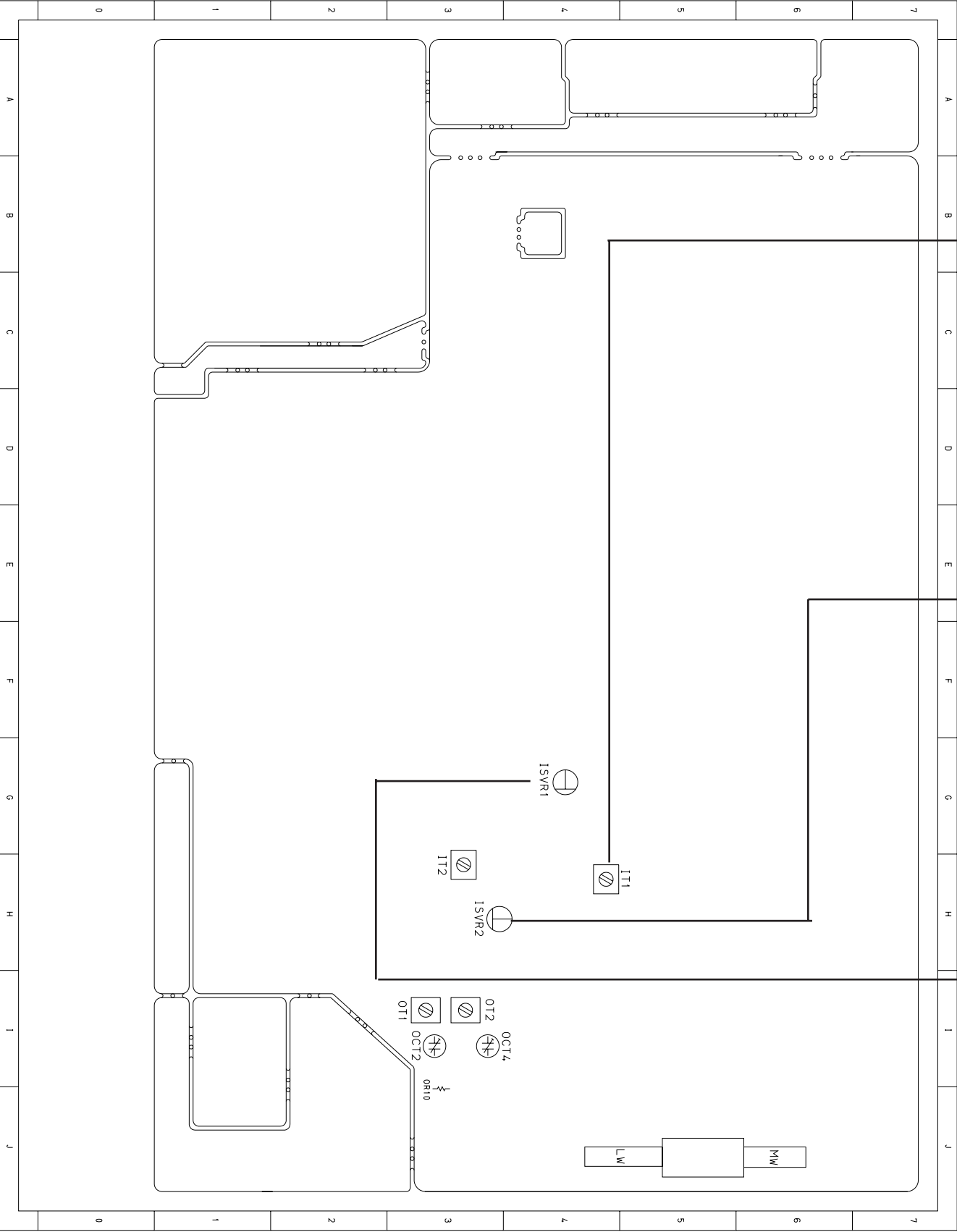


1. Alignment and Adjustments

1-1 Tuner



FM THD Adjustment	
SSG FREQ.	98 MHz
Adjustment point (IT1)	FM DETECTOR COIL
Minimum Distortion (Figure 1-1)	

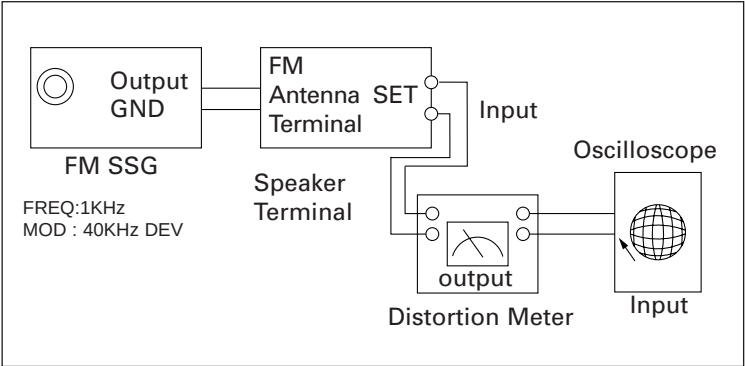


Figure1-1 IF CENTER and THD Adjustment

FM Search Level Adjustment	
SSG FREQ.	98 MHz
Adjustment point (ISVR2)	BEACON SENSITIVITY SEMI-VR(50KΩ)
Adjust ISVR2 so that "TUNED" of LCD is lighted (Figure 1-2)	

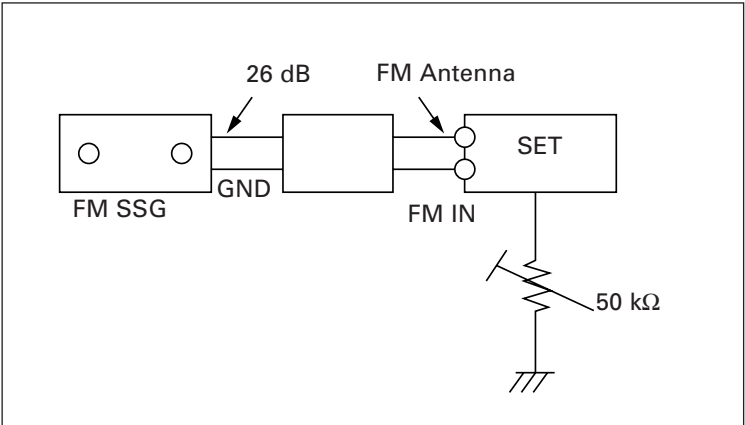


Figure1-2 FM Auto Search Level Adjustment

FM Stereo Adjustment	
SSG FREQ.	98MHz
Frequency	98MHz
Adjustment point (ISVR1)	SEMI-VR(5KΩ)
L-CH/R-CH : Maximum(Figure 1-3)	

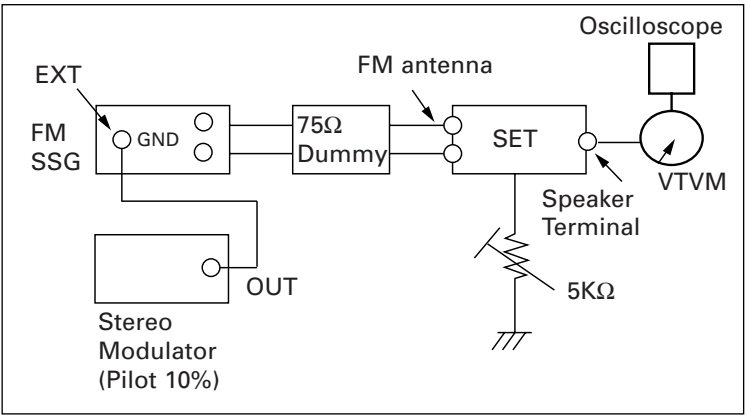


Figure1-3 FM Stereo Separation Adjustment

1-1-1 Test Equipment

- 1. AM Standard Signal Generator (S.S.G) : 400Hz, 30% MOD
- 2. Oscilloscope
- 3. VTVM
- 4. Frequency counter
- 5. Loop antenna
- 6. Dummy load (3Ω)
- 7. DC voltmeter

1-1-2 Pre-Adjustment

- 1. Check the source voltage
- 2. Press TUNER/BAND to select the AM(MW) function.
- 3. Set the EQ/S.BASS control to OFF position.
- 4. Set the volume control to approximately 50mw

1-1-3 AM Adjustment

Step	Item	Connection	SSG.FREQ.	FREQ. Setting	Adjust. Point	Remark
1	Intermediate frequency (IF) adjustment	Figure 1-5	450 KHz	522 KHz	IT 2	Maximum output
2	AM frequency coverage adjustment	Figure 1-4 Connect DC voltmeter to AM VT(OR10) and GND	-	522 KHz	OT 1	1.0V
3			-	1611KHz	OCT2	4.6V
4	AM tracking adjustment	Figure 1-5	594 KHz	594 KHz	MW-ANT	Maximum output
5		-	-	-	-	Non Adjust

1-1-4 MW/LW

Step	Item	Connection	SSG.FREQ.	FREQ. Setting	Adjust. Point	Remark
1	Intermediate frequency (IF) adjustment	Fig 1-5	450 KHz	522 KHz	IT2	Maximum output
2	MW frequency coverage adjustment	Fig 1-4	-	522 KHz	OT1	1.0V(LOW)
3			-	1611 KHz	OCT2	4.6V(HIGH)
4	MW tracking adjustment	Fig 1-5	594 KHz	594 KHz	MW ANT COIL	Maximum output
5			1404 KHz	-	-	NON Adjust
6	LW frequency coverage adjustment	Fig 1-4	-	144 KHz	OT2	0.7V(LOW)
7			-	290 KHz	OCT4	3.1V(HIGH)
8	LW tracking adjustment	Fig 1-5	170KHz	170 KHz	LW ANT COIL	Maximum output
9			270KHz	-	-	NON Adjust

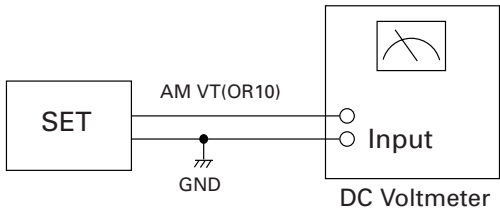


Figure 1-4

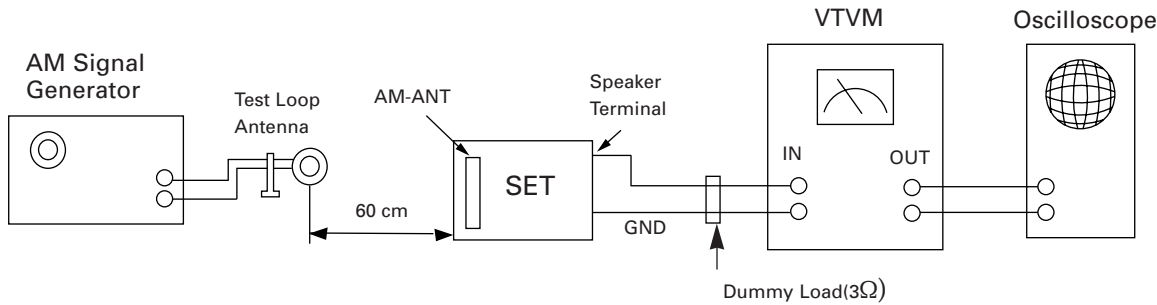


Figure 1-5

1-2 Cassette Deck

1-2-1. Recording BIAS adjustment

- 1) Connect frequency counter to KC433 (See Fig.1-6) and press the Record button.
- 2) Adjust KT431 (BIAS OSC COIL) until frequency counter reads 50KHz.

1-2-2. Tape AZIMUTH adjustment

- 1) Connect the equipments as per Fig.1-8 to adjust the tape azimuth with test tape (recorded at 6.3KHz : MTT-113N)
- 2) Play the test tape after inserting in DECK.
- 3) Adjust the azimuth adjustment screw of left side of record/play head for maximum output and for the same channel phase. (see Fig.1-7)

1-2-3. Tape speed adjustment

- 1) Connect the equipments as shown in Fig.1-8 adjust the tape speed with test tape (recorded at 3KHz : MTT-111N)

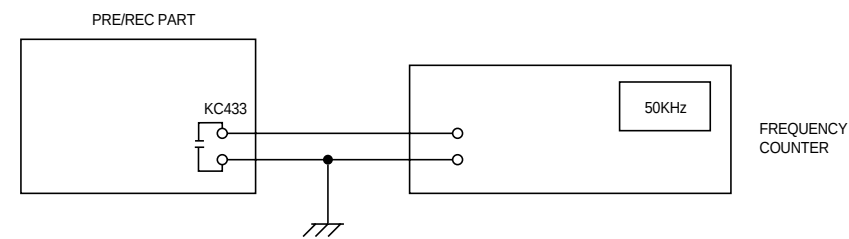


Fig.1-6 Recording bias adjustment

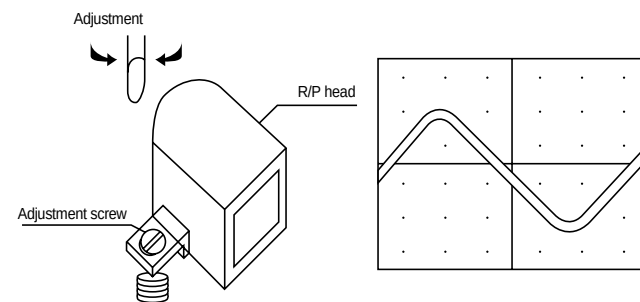


Fig.1-7 Azimuth speed adjustment

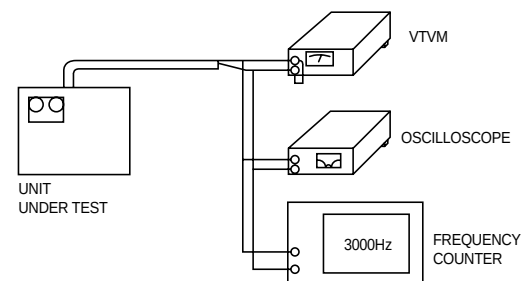


Fig.1-8

2. Disassembly and Reassembly

2-1 Front Cabinet

1. Remove the battery of A
2. Remove 7 screws of ! of rear part
3. Remove Front Cabinet of B

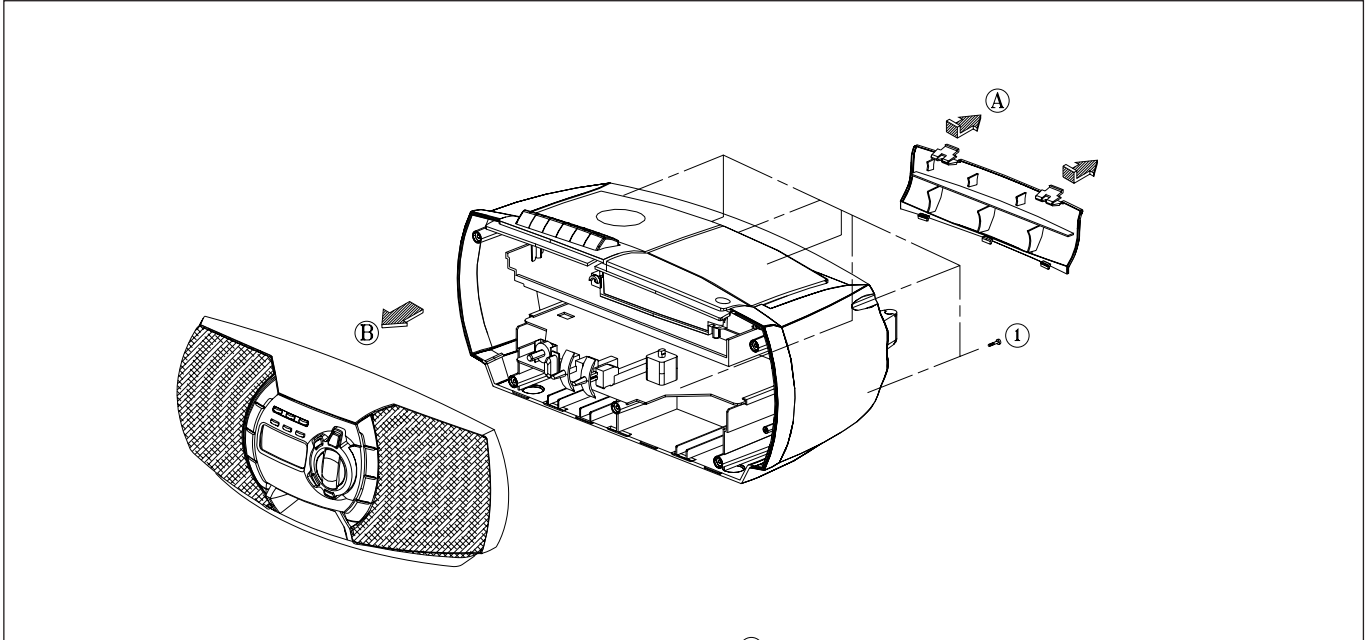


Fig 2-1

2-2 Top Cabinet

1. Lift handhold to topward, and remove 3 screws of @ of its top part
2. Press the CD COVER and DECK COVER, and remove 3 screws of # of its top part
3. Remove Top Cabinet of C

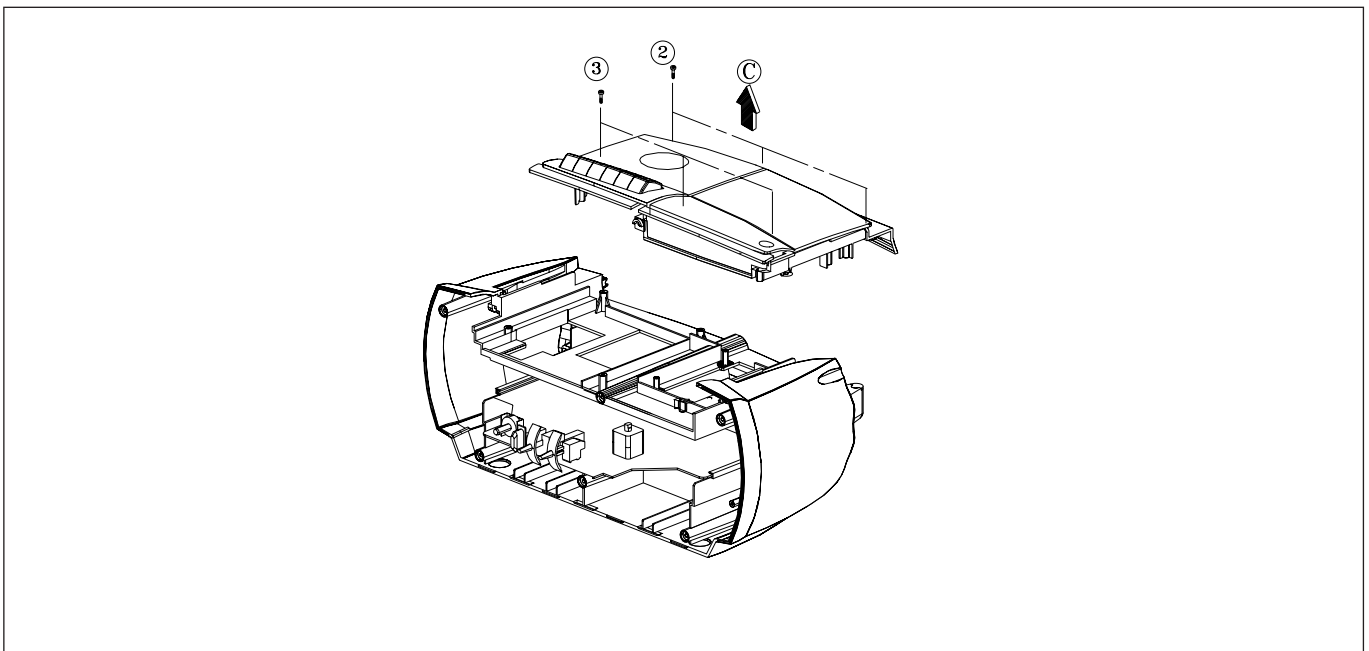
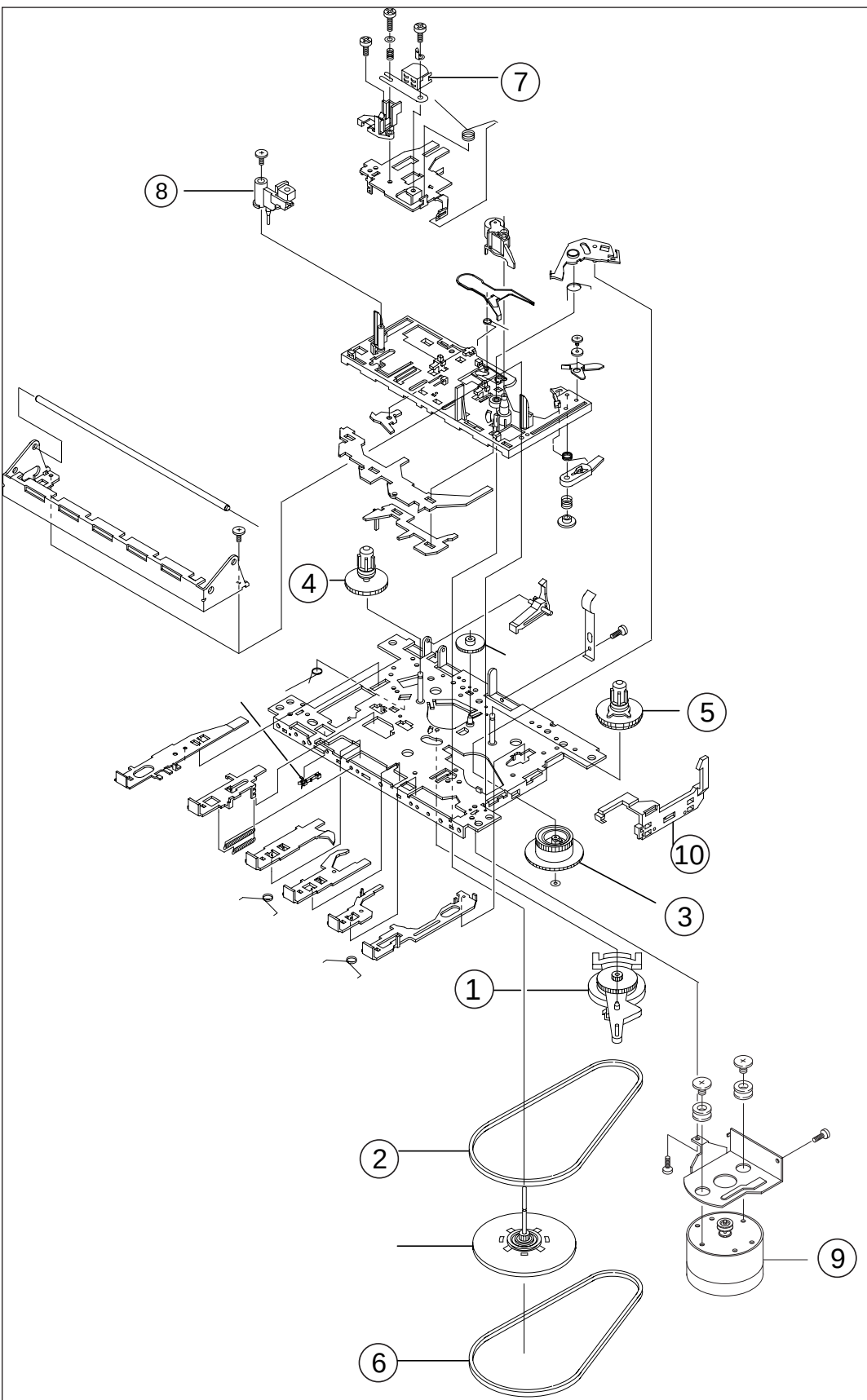


Fig 2-2

3.Exploded Views and Parts List

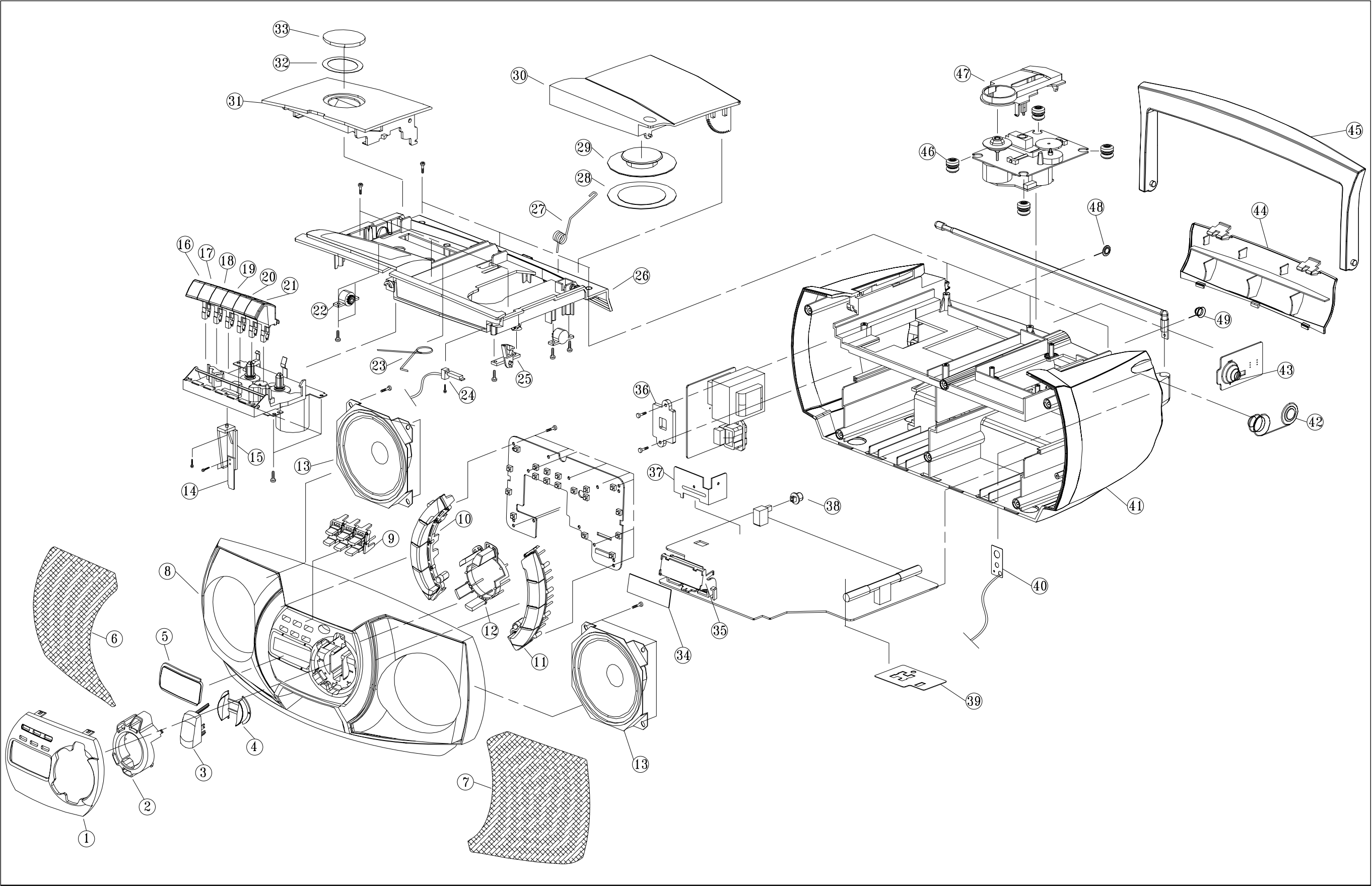
3-1 Cassette Deck Exploded View and Parts List



No.	Code No.	Description	Specification	Remarks
	AH59-20005Y	DECK ASS'Y	YN21ZSC-53	
1	AH81-11037D	R.F PULLEY ASS'Y	8521-200090-300	
2	AH81-11154D	BELT SUB	6600-090014-001	
3	AH81-11037H	CAM GEAR	6021-200802-001	
4	AH81-11037J	S REEL ASS'Y	8521-200080-300	
5	AH81-11037K	T REEL ASS'Y	8521-200070-300	
6	AH81-11154E	BELT MAIN	6600-090020-001	
7	AH81-11150W	R/P HEAD	TC-591	
8	AH81-11150X	ERASE HEAD	TC-230AN	
9	AH81-11154F	MOTOR	EG530AD9B	
10	AH81-10695L	EJECT SLIDE LEVER	YANI0N	

3-2 Main Exploded View and Parts List

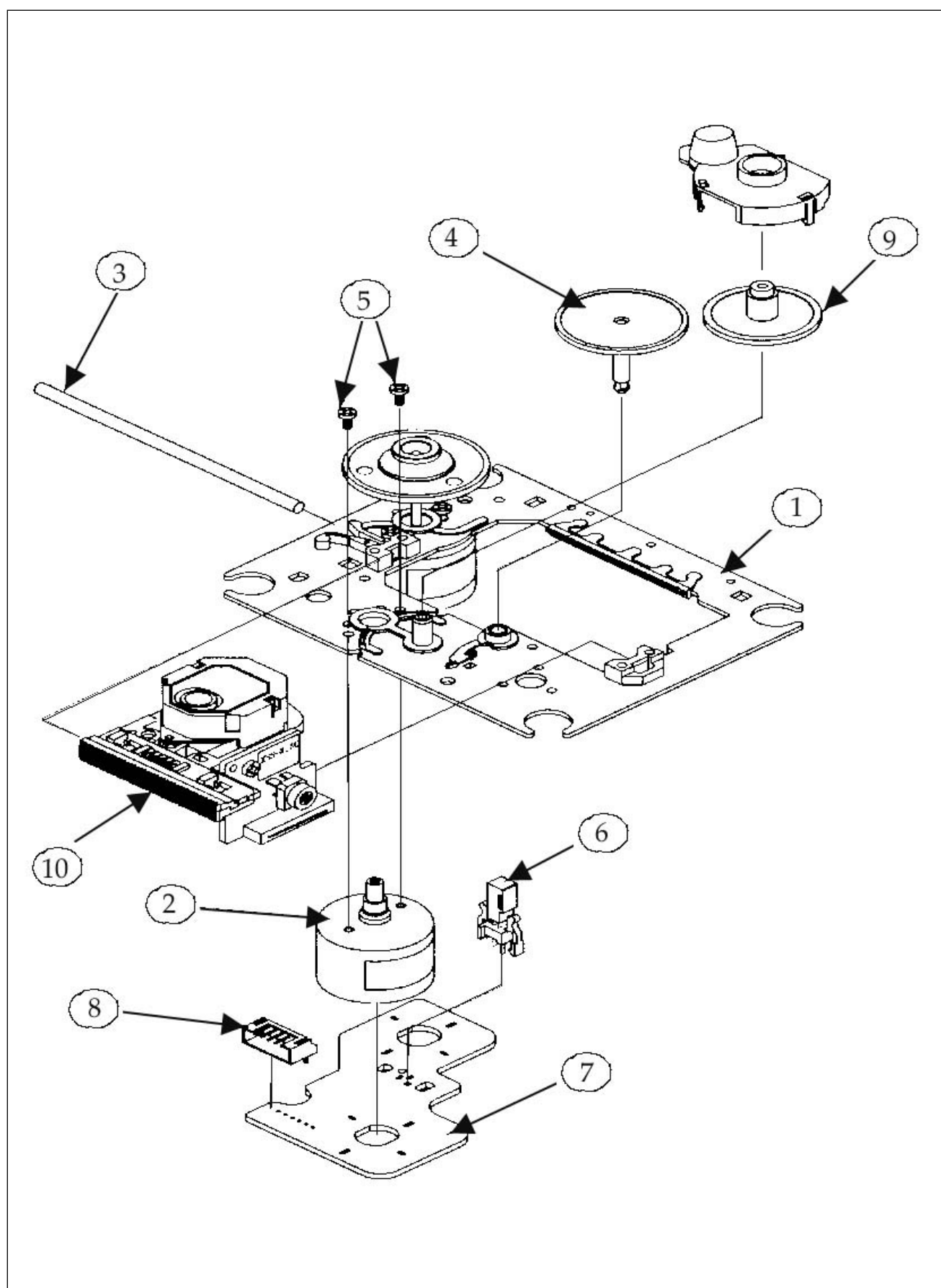
3-2-1 Exploded View



3-2-2 Parts List

No.	Code No.	Description	Specification	Remarks
1	AH64-00154B	DECORATION-FRONT	PMMA,SMOKE,RCD590	
2	AH61-00106A	CAP-EQ	ABS,GRAY,RCD590	
3	AH64-00153A	KNOB-VOLUME	ABS,GRAY,RCD590	
4	AH67-00008A	LENS-EQ	PMMA,L/BLUE,RCD590	
5	AH64-00155A	WINDOW-LCD	PMMA,CLEAR,RCD590	
6	AH63-00049A	GRILLE-SPEAKER.L	EGI,T0.6,RCD590	
7	AH63-00050A	GRILLE-SPEAKER.R	EGI,T0.6,RCD590	
8	AH64-00148B	CABINET-FRONT	HIPS,T3,GRAY,RCD590	
9	AH64-00151A	KNOB-TIMER	ABS,GRAY,RCD590	
10	AH64-00149B	KNOB-CD.A	ABS,D/GRAY,RCD590	
11	AH64-00150B	KNOB-CD.B	ABS,D/GRAY,RCD590	
12	AH64-00152B	KNOB-EQ	ABS,GRAY,RCD590	
13	3001-001070	SPEAKER	3W,3OHM,90DB,110HZ	
14	AH61-00090A	PLATE-REC	STS,0.5T,RCD380	
15	AH61-00089A	HOLDER-REC	POM94HB,NTR,RCD380	
16	AH64-11298A	KNOB-DECK,REC	ABS,BLK,RCD380	
17	AH64-11299A	KNOB-DECK,PLAY	ABS,BLK,RCD380	
18	AH64-11300A	KNOB-DECK,REW	ABS,BLK,RCD380	
19	AH64-11301A	KNOB-DECK,FF	ABS,BLK,RCD380	
20	AH64-11302A	KNOB-DECK,STOP	ABS,BLK,RCD380	
21	AH64-11303A	KNOB-DECK,PAUSE	ABS,BLK,RCD380	
22	AH61-80030A	DAMPER-ASSY	POM,M0.8,G130,BLK,MAX630	
23	AH61-60397A	SPRING-DOOR	STS,PI1.2,RCD380	
24	3409-000107	LEAF-SW	16V,30MA,10GF,SPST	
25	AH95-50001A	LATCH-ASSY	MAX555	
26	AH64-32009A	CABINET-TOP	MIPS,T2.5,BLK,RCD380	
27	AH61-62007B	SPRING-CD DOOR	SUS304,PI1.3,RCD380	
28	AH63-70025B	SHEET-CHUCK	HYMERON,T0.3,L50,W68,BLK	
29	16603-511-840	CHUCK-PLATE	ABS+GF,BLK,NEW,RCD-1360	
30	AH64-52005A	DOOR-CD	ABS,T2.5,BLK,RCD380	
31	AH64-52006A	DOOR-CASSETTE	ABS,T2.5,BLK,RCD380	
32	AH68-50496A	LABEL-STICKER	RCD380,DOUBLETAPE	
33	AH64-42015A	WINDOW-DOOR	PMMA,CLEAR,RCD380	
34	AH67-00009A	FILTER-LCD	PCSHEET,T0.5,RCD590	
35	AH61-00107A	HOLDER-LCD	PC/ABS WHT,RCD590	
36	AH61-22006A	HOLDER-PT	MIPS,BLK,RCD380	
37	AH62-30130A	HEAT-SINK	ALS,T1.0,POWER,RCD380	
38	AH64-11297A	KNOB-PUSH	ABS,BLK,RCD380	
39	AH62-30131A	HEAT-SINK	ETHD,T0.5,CD,RCD380	
40	AH61-10535A	BRACKET-ANT	SPTE,T0.3,RCD1300	
41	AH64-32008A	CABINET-BACK	MIPS,RCD380	
42	AH61-60395A	SPRING-BATTERY,+	STS,PI1.2,RCD380	
43	AH61-60396A	SPRING-BATTERY,-	STS,PI1.2,RCD380	
44	AH64-20151A	LID-BATTERY	MIPS,T2.5,BLK,RCD380	
45	AH64-50350A	HANDLE	HIPS,BLK,RCD380	
46	AH73-10031A	RUBBER-CD	RUBBER,RCD380	
47	AH61-20529A	CAP-PICK UP	RCD380,ABS,BLK	
48	AH61-00103A	SPRING-BATT CLOCK,+	STS,PI0.7,RCD590	
49	AH61-00102A	SPRING-BATT CLOCK,-	STS,PI0.7,RCD590	

3-3 CD Deck Exploded View and Parts List



No.	Code No.	Description	Specification	Remarks
	AH59-00014A	CD DECK ASS'Y	SONY,KSM-213CDM	
1	AH81-00118A	MOTOR CHASSIS ASS'Y	X-2626-202-(1)	
2	AH81-00119A	MOTOR GEAR ASS'Y	X-2625-769-(1)	
3	AH81-00120A	SLED SHAFT	2-626-908-(01)	
4	AH81-00121A	GEAR (A) (S)	2-626-907-(01)	
5	AH81-00122A	SCREW +P2X3	7-621-255-(15)	
6	AH81-00123A	LEAF SWITCH	1-572-085-(12)	
7	AH81-00124A	MOTOR (6P) (S) PCB	1-639-678-(13)	
8	AH81-00125A	CONNECTOR PIN 6P	1-564-722-(11)	
9	AH81-00127A	GEAR (B) (RP)	2-627-003-(02)	
10	AH81-00126A	DEVICE,OPTICAL KSS-213C/C2S	8-848-483-(04)	

4. Electrical Parts List

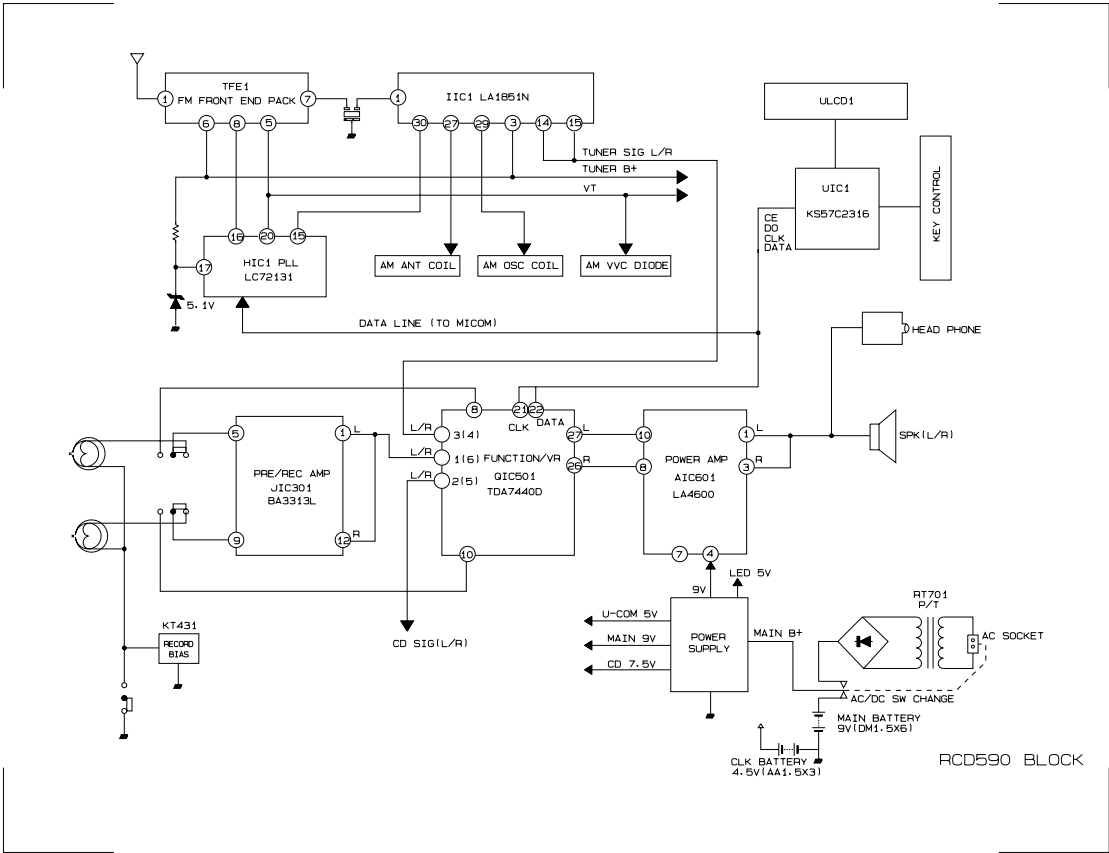
Location no.	Code no.	Description & Specification	Remarks	Location no.	Code no.	Description & Specification	Remarks
	AH59-00014A	DECK-CDP;KSM-213CDM,-,-,-,RCD-590		OL1	AH27-00020A	COIL-FERRITE,BAR-LW ANT,-,240UH+10%,L82 AR 8φ,100MM,L-BAND	OPTION
	AH91-60145A	ASSY-DECK CASSETTE;RCD380 AUTO-STOP,-		OL1	AH27-00019A	COIL-FERRITE,BAR-MW ANT,-,235UH+10%,L82 AR 8φX80,80MM,	OPTION
	AH92-00130A	ASSY-PCB-FRONT;RCD590 ,BASIC	S.N.A.	WCW2	AH39-20561P	LEAD CONNECTOR-ASSY,-,5295,PHR,6P,150mm,1007#28	
UCW50	3708-001388	CONNECTOR-FPC/FC/PC;16P,1MM,ANGLE,SN		FP1	AH40-10025X	TUNER-FM,KST-F400VA-1,-,750HM	
UD50	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP		FD1	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
UD51	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP		FD2	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
UD52	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP		UD11	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
UD53	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP		UD12	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
UD60	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP		UD13	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
UR50	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		UD14	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
UR51	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		UD16	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
UR52	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		UD17	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
UR53	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		XD1	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
UR54	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		XD2	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
UR55	2001-000786	R-CARBON;47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		XD3	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
UC50	2202-000806	C-CERAMIC,MLC-AXIAL;220PF,10%,50V,Y5P,TP,3.5X19,-		XD4	0401-000101	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,TP	
UC51	2202-000806	C-CERAMIC,MLC-AXIAL;220PF,10%,50V,Y5P,TP,3.5X19,-		KD401	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
UC52	2202-000806	C-CERAMIC,MLC-AXIAL;220PF,10%,50V,Y5P,TP,3.5X19,-		RD706	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP	
UC53	2202-000806	C-CERAMIC,MLC-AXIAL;220PF,10%,50V,Y5P,TP,3.5X19,-		RZD701	0403-000396	DIODE-ZENER;UZP6.88,6.8V,6.4-7.2V,1W,DO-41	
UC60	2202-000807	C-CERAMIC,MLC-AXIAL;22NF,+80-20%,25V,Y5V,TP,3.5X19		UZD901	0403-000398	DIODE-ZENER;UZP6.28,8.2V,7.7-8.7V,1W,DO-41	
UC61	2202-000807	C-CERAMIC,MLC-AXIAL;22NF,+80-20%,25V,Y5V,TP,3.5X19		OKV1	0405-001061	DIODE-VARACTOR;SVC344,30V,100NA,TP	
USW50	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		RQ702	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,TP,120	
USW51	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		RQ703	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,TP,120	
USW52	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		RQ704	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,TP,120	
USW53	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		UQ903	0501-000010	TR-SMALL SIGNAL;KSC1008,NPN,800mW,TO-92,TP,120	
USW54	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		IQ2	0501-000294	TR-SMALL SIGNAL;KSA708-Y,PNP,800mW,TO-92,TP,12	
USW55	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		KQ702	0501-000303	TR-SMALL SIGNAL;KSA733,PNP,250mW,TO-92,TP,120	
USW56	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		WQ1	0501-000323	TR-SMALL SIGNAL;KS8564A,PNP,800mW,TO-92,TP,120	
USW57	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		IQ1	0501-000382	TR-SMALL SIGNAL;KSC838-O,NPN,250mW,TO-92,-,70-	
USW58	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		KQ431	0501-000394	TR-SMALL SIGNAL;KSC900-L,NPN,250mW,TO-92,-,350	
USW59	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		OQ1	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120,L-BAND	OPTION
USW60	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		OQ15	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120,L-BAND	OPTION
USW61	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		OQ2	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120,L-BAND	OPTION
USW62	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		OQ3	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120,L-BAND	OPTION
USW63	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		OQ4	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120,L-BAND	OPTION
USW64	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		OQ502	0501-000398	TR-SMALL SIGNAL;KSC945,NPN,250mW,TO-92,TP,120-	
USW65	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		RQ701	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,TP,160	
USW66	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		UQ902	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,TP,160	
USW67	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		WQ71	0501-000610	TR-SMALL SIGNAL;KSA928A-Y,PNP,1W,TO-92L,TP,160	
USW68	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		UQ1	0504-000118	TR-DIGITAL;KSR1003,NPN,300mW,22K/22K,TO-92,TP	
USW69	3404-000165	SWITCH-TACT;12V,50MA,160GFF+50GF,6X6MM,SPS		QQ503	0504-000122	TR-DIGITAL;KSR1009Y,NPN,300mW,4.7K,TO-92	
	AH92-00133A	ASSY-PCB-MAIN SUM;RCD590 ,L-BAND	S.N.A.	QQ553	0504-000122	TR-DIGITAL;KSR1009Y,NPN,300mW,4.7K,TO-92	
SPK	3001-001070	GENERAL-SPK 4inch 3ohm 3W		IQ3	0504-001003	TR-DIGITAL;KSR2003,PNP,300mW,22K/22K,TO-92,TP	
UQ901	0502-000303	TR-POWER;KSD882,NPN,1W,TO-126,TP,160-32		QQ501	0504-001003	TR-DIGITAL;KSR2003,PNP,300mW,22K/22K,TO-92,TP	
WIC51	0904-001159	IC-DSP;9286,8BIT,QFP,80P,-,1MHZ,TR,CM		KR401	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
WIC71	1003-000179	IC-MOTOR DRIVER;KA9258D,SOP,28P,-,SINGLE,-,ST,		KR451	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AIC601	1201-001344	IC-POWER AMP;4600,SIP,10P,25.5MIL,DUAL,1		WR14	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JIC301	1201-001345	IC-PREAMP;BA3313L,ZIP,12P,16.8MIL,DUAL,4		UR901	2001-000027	R-CARBON;100OHM,5%,1/4W,AA,TP,2.4X6.4MM	
WIC1	1204-001286	IC-ASP;KB9223,QFP,80P,-,PLASTIC,6V,20		RR703	2001-000118	R-CARBON[S];180ohm,5%,1/2W,AA,TP,2.4x6.4mm	
QIC501	1204-001465	IC-VOLUME/TONE CONT.;TD47400,SOP,28,18		WR10	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
ICF4	14529-304-610	FILTER CERAMIC;AHC2-450BL		WR22	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
OC7	2302-000231	C-FILM,PSF;330PF,5%,50V,BK,5.5X11.5,2.5MM		WR5	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
OC8	2302-000235	C-FILM,PSF;470PF,5%,50V,BK,6X11.5,2.5MM		WR8	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
RC705	2401-001052	C-AL;3300UF,20%,25V,GP,-,16X31.5,7		XR7L	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
OCT1	2502-000127	C-CERAMIC TRIMMER;20-4.6PF,+50-0%,100V		XR7R	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
OCT2	2502-000127	C-CERAMIC TRIMMER;20-4.6PF,+50-0%,100V		JR301	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
OCT3	2502-000127	C-CERAMIC TRIMMER;20-4.6PF,+50-0%,100V		JR351	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
OCT4	2502-000127	C-CERAMIC TRIMMER;20-4.6PF,+50-0%,100V		QR502	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
HX1	2801-000734	CRYSTAL-UNIT;7.2MHZ,50PPM,28-AA,12PF,300HM		QR552	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
UX2	2801-001394	CRYSTAL-UNIT;32.768KHZ,20ppm,28-AA,12.5pF		AR16	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
MX1	2802-000158	RESONATOR-CERAMIC;4MHZ,0.5%,TP,10.0X5.0X10.0		HR15	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
WXS1	2802-000211	RESONATOR-CERAMIC;16.9MHZ,0.5%,TP,10.0X5.0X10.0		HR28	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
ICF3	2802-000215	RESONATOR-CERAMIC;19KHZ,+38HZ,-,7.0X3.5X9.0MM		IR11	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
ICF1	2903-000105	FILTER-CERAMIC;BP,10.7MHZ+25KHZ,180KHZ+50KH		IR12	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
ICF2	2903-000105	FILTER-CERAMIC;BP,10.7MHZ+25KHZ,180KHZ+50KH		JR303	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
KSW4	3403-001074	SWITCH-PUSH;30V,100mA,DPDT,ON-OFF,-		JR353	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
JSW3	3408-001041	SWITCH-SLIDE;30V,300mA,6PDT,OFF-ON,-		OR11	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UCW1	3708-001312	CONNECTOR-FPC/FC/PC;16P,1mm,STRAIGHT,SN		OR15	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
WCW1	3708-001312	CONNECTOR-FPC/FC/PC;16P,1mm,STRAIGHT,SN		WR23	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
	3711-000820	CONNECTOR-HEADER;BOX,2P,1R,2.5mm,STRAIGHT,SN		WR24	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UCW5	3711-000820	CONNECTOR-HEADER;BOX,2P,1R,2.5mm,STRAIGHT,SN		IR10	2001-000302	R-CARBON;10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
RCW701	3711-000963	CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGHT,SN		IR14	2001-000302	R-CARBON;10OHM,5%,1/8W,AA,TP,1.8X3.2MM	
JCW301	3711-001098	CONNECTOR-HEADER;BOX,7P,1R,2.5mm,STRAIGHT,SN		WR11	2001-000319	R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
ACW601	3711-003107	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGHT,SN		WR16	2001-000319	R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
MJ1	3722-000358	JACK-PHONE;7P,3.5MM,AG,BLK,-		WR17	2001-000319	R-CARBON;120KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
AJ601	3722-001311	JACK-PHONE;7P,3.6mm,AG,BLK,NO		WR25	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
WCW1-1	3809-001113	CABLE-FLAT;30V,80C,120mm,16P,1mm,UL2896		WR26	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
ULCD1	AH07-00004A	LCD,-,CH-61323Z,RCD590,58X18MM		WR27	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
UIC1	AH09-10064N	IC-MICOM;KS57C2316Q-56D,80P,QFP,RCD590,8BITS,-,-		WR9	2001-000331	R-CARBON;150KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
IIC1	AH14-10002D	IC;LA1851N,-,-		WR19	2001-000356	R-CARBON;150KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
HIC1	AH14-10007G	IC;LC72131,DIP,STICK PLL		WR21	2001-000356	R-CARBON;150KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
KT431	AH26-10001B	TRANS-IF;70J-N5001,BIAS,1.65MH,7.6X12.0,-,-,BULK,		WR29	2001-000356	R-CARBON;150KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
IT1	AH26-10001C	TRANS-IF;KS940228-10,FM,-,7.6X12.0,-,-,BULK,		WR34	2001-000356	R-CARBON;150KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
IT2	AH26-10001E	TRANS-IF;KS940228-09,-,-,7.6X12.0,-,450KHZ,BULK,		WR7	2001-000356	R-CARBON;150KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
OT2	AH26-10001J	TRANS-IF;KS940228-01,-,300UH,7.6X12.0,-,220KHZ,8U L-BAND	OPTION	KR433	2001-000376	R-CARBON;150HM,5%,1/8W,AA,TP,1.8X3.2MM	
OT1	AH26-10001K	TRANS-IF;KS940228-02,-,110UH,7.6X12.0,-,796KHZ,8U		WR3	2001-000397	R-CARBON;180KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				HR4	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				IR25	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
				OR1	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM,L-BAND	OPTION

Location no.	Code no.	Description & Specification	Remarks	Location no.	Code no.	Description & Specification	Remarks
OR2	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM,L-BAND	OPTION	FC7	2201-000565	C-CERAMIC,DISC:47NF,80%-20%,50V,Y5V TPL-BAND	OPTION
OR3	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM,L-BAND	OPTION	HC18	2201-000565	C-CERAMIC,DISC:47NF,80%-20%,50V,Y5V TPL-BAND	OPTION
OR4	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM,L-BAND	OPTION	IC15	2201-000565	C-CERAMIC,DISC:47NF,80%-20%,50V,Y5V TPL-BAND	OPTION
VJW50	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		IC2	2201-000565	C-CERAMIC,DISC:47NF,80%-20%,50V,Y5V TPL-BAND	OPTION
WR20	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		IC26	2201-000565	C-CERAMIC,DISC:47NF,80%-20%,50V,Y5V TPL-BAND	OPTION
WR54	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		IC29	2201-000565	C-CERAMIC,DISC:47NF,80%-20%,50V,Y5V TPL-BAND	OPTION
XR5L	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		OC10	2201-000565	C-CERAMIC,DISC:47NF,80%-20%,50V,Y5V TPL-BAND	OPTION
XR5R	2001-000429	R-CARBON:1KOHM,5%,1/8W,AA,TP,1.8X3.2MM		UC2	2201-000565	C-CERAMIC,DISC:47NF,80%-20%,50V,Y5V TPL-BAND	OPTION
JR305	2001-000435	R-CARBON:1MOHM,5%,1/8W,AA,TP,1.8X3.2MM		UC5	2201-000483	C-CERAMIC,DISC:33pF,5%,50V,CH,TP,5x3,5	
WR6	2001-000435	R-CARBON:1MOHM,5%,1/8W,AA,TP,1.8X3.2MM		UC6	2201-000483	C-CERAMIC,DISC:33pF,5%,50V,CH,TP,5x3,5	
HR10	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		QC509	2201-000783	C-CERAMIC,DISC:100NF,+80%,-20%,50V,Y5V,TP,8X3	
HR11	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		QC510	2201-000783	C-CERAMIC,DISC:100NF,+80%,-20%,50V,Y5V,TP,8X3	
HR12	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		QC559	2201-000783	C-CERAMIC,DISC:100NF,+80%,-20%,50V,Y5V,TP,8X3	
HR13	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		QC560	2201-000783	C-CERAMIC,DISC:100NF,+80%,-20%,50V,Y5V,TP,8X3	
MR5	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC22	2201-000783	C-CERAMIC,DISC:100NF,+80%,-20%,50V,Y5V,TP,8X3	
UR1	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC24	2201-000783	C-CERAMIC,DISC:100NF,+80%,-20%,50V,Y5V,TP,8X3	
WR55	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC25	2201-000783	C-CERAMIC,DISC:100NF,+80%,-20%,50V,Y5V,TP,8X3	
WR56	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC64	2201-000783	C-CERAMIC,DISC:100NF,+80%,-20%,50V,Y5V,TP,8X3	
WR57	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC14	2202-000231	C-CERAMIC,MLC-AXIAL:330pF,10%,50V,Y5P,TP,3.5X19,-	
WR58	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		AC607	2202-000781	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP,3.5X19,-	
WR59	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		AC657	2202-000781	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP,3.5X19,-	
WR60	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		HC10	2202-000781	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP,3.5X19,-	
WR61	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		HC11	2202-000781	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP,3.5X19,-	
WR62	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		HC12	2202-000781	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP,3.5X19,-	
WR63	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		IC6	2202-000781	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP,3.5X19,-	
WR64	2001-000449	R-CARBON:2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		JC303	2202-000781	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP,3.5X19,-	
JR302	2001-000508	R-CARBON:220KOHM,5%,1/8W,AA,TP,1.8X3.2MM		JC353	2202-000781	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP,3.5X19,-	
JR352	2001-000508	R-CARBON:220KOHM,5%,1/8W,AA,TP,1.8X3.2MM		QC505	2202-000781	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP,3.5X19,-	
UR4	2001-000508	R-CARBON:220KOHM,5%,1/8W,AA,TP,1.8X3.2MM		QC555	2202-000781	C-CERAMIC,MLC-AXIAL:100pF,10%,50V,Y5P,TP,3.5X19,-	
AR601	2001-000515	R-CARBON:220OHM,5%,1/8W,AA,TP,1.8X3.2MM		KC434	2202-000796	C-CERAMIC,MLC-AXIAL:1nF,10%,50V,Y5P,TP,3.5X19,-	
AR651	2001-000515	R-CARBON:220OHM,5%,1/8W,AA,TP,1.8X3.2MM		KC435	2202-000796	C-CERAMIC,MLC-AXIAL:1nF,10%,50V,Y5P,TP,3.5X19,-	
QR503	2001-000515	R-CARBON:220OHM,5%,1/8W,AA,TP,1.8X3.2MM		WC19	2202-000796	C-CERAMIC,MLC-AXIAL:1nF,10%,50V,Y5P,TP,3.5X19,-	
RR701	2001-000515	R-CARBON:220OHM,5%,1/8W,AA,TP,1.8X3.2MM		WC23	2202-000796	C-CERAMIC,MLC-AXIAL:1nF,10%,50V,Y5P,TP,3.5X19,-	
UR2	2001-000515	R-CARBON:220OHM,5%,1/8W,AA,TP,1.8X3.2MM		WC32	2202-000796	C-CERAMIC,MLC-AXIAL:1nF,10%,50V,Y5P,TP,3.5X19,-	
UR903	2001-000515	R-CARBON:220OHM,5%,1/8W,AA,TP,1.8X3.2MM		XC3L	2202-000796	C-CERAMIC,MLC-AXIAL:1nF,10%,50V,Y5P,TP,3.5X19,-	
JR306	2001-000527	R-CARBON:22OHM,5%,1/8W,AA,TP,1.8X3.2MM		XC3R	2202-000796	C-CERAMIC,MLC-AXIAL:1nF,10%,50V,Y5P,TP,3.5X19,-	
KR431	2001-000527	R-CARBON:22OHM,5%,1/8W,AA,TP,1.8X3.2MM		WC10	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5S,TP,3.5X1.9MM,-	
WR28	2001-000527	R-CARBON:22OHM,5%,1/8W,AA,TP,1.8X3.2MM		WC13	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5S,TP,3.5X1.9MM,-	
IR15	2001-000563	R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC17	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5S,TP,3.5X1.9MM,-	
IR16	2001-000563	R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC2	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5S,TP,3.5X1.9MM,-	
WR51	2001-000563	R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC20	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5S,TP,3.5X1.9MM,-	
XR2L	2001-000563	R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC21	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5S,TP,3.5X1.9MM,-	
XR2R	2001-000563	R-CARBON:27KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC56	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5S,TP,3.5X1.9MM,-	
IR21	2001-000591	R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC57	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5S,TP,3.5X1.9MM,-	
IR22	2001-000591	R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC58	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5S,TP,3.5X1.9MM,-	
IR8	2001-000591	R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC59	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5S,TP,3.5X1.9MM,-	
RR710	2001-000591	R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC61	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5S,TP,3.5X1.9MM,-	
WR52	2001-000591	R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM		XC4L	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5S,TP,3.5X1.9MM,-	
WR53	2001-000591	R-CARBON:3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM		XC4R	2202-000797	C-CERAMIC,MLC-AXIAL:10NF,30%,16V,Y5S,TP,3.5X1.9MM,-	
JR24	2001-000660	R-CARBON:33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		AC606	2202-000807	C-CERAMIC,MLC-AXIAL:22NF,+80-20%,25V,Y5V,TP,3.5X19	
XR3L	2001-000660	R-CARBON:33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		FC4	2202-000807	C-CERAMIC,MLC-AXIAL:22NF,+80-20%,25V,Y5V,TP,3.5X19	
XR3R	2001-000660	R-CARBON:33KOHM,5%,1/8W,AA,TP,1.8X3.2MM		IC1	2202-000807	C-CERAMIC,MLC-AXIAL:22NF,+80-20%,25V,Y5V,TP,3.5X19	
IR10	2001-000702	R-CARBON:39KOHM,5%,1/8W,AA,TP,1.8X3.2MM		IC16	2202-000807	C-CERAMIC,MLC-AXIAL:22NF,+80-20%,25V,Y5V,TP,3.5X19	
IR6	2001-000702	R-CARBON:39KOHM,5%,1/8W,AA,TP,1.8X3.2MM		IC17	2202-000807	C-CERAMIC,MLC-AXIAL:22NF,+80-20%,25V,Y5V,TP,3.5X19	
IR9	2001-000702	R-CARBON:39KOHM,5%,1/8W,AA,TP,1.8X3.2MM		RC714	2202-000807	C-CERAMIC,MLC-AXIAL:22NF,+80-20%,25V,Y5V,TP,3.5X19	
WR18	2001-000702	R-CARBON:39KOHM,5%,1/8W,AA,TP,1.8X3.2MM		UC8	2202-000807	C-CERAMIC,MLC-AXIAL:22NF,+80-20%,25V,Y5V,TP,3.5X19	
WR30	2001-000702	R-CARBON:39KOHM,5%,1/8W,AA,TP,1.8X3.2MM		UC903	2202-000807	C-CERAMIC,MLC-AXIAL:22NF,+80-20%,25V,Y5V,TP,3.5X19	
WR31	2001-000702	R-CARBON:39KOHM,5%,1/8W,AA,TP,1.8X3.2MM		JC302	2202-000809	C-CERAMIC,MLC-AXIAL:3.3NF,20%,16V,Y5R,TP,3.5X19,-	
WR32	2001-000702	R-CARBON:39KOHM,5%,1/8W,AA,TP,1.8X3.2MM		JC352	2202-000809	C-CERAMIC,MLC-AXIAL:3.3NF,20%,16V,Y5R,TP,3.5X19,-	
WR33	2001-000702	R-CARBON:39KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC28	2202-000817	C-CERAMIC,MLC-AXIAL:4.7NF,20%,16V,Y5R,TP,3.5X19,-	
FR1	2001-000734	R-CARBON:4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC29	2202-000817	C-CERAMIC,MLC-AXIAL:4.7NF,20%,16V,Y5R,TP,3.5X19,-	
HR5	2001-000734	R-CARBON:4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		QC506	2202-000820	C-CERAMIC,MLC-AXIAL:5.6NF,20%,16V,Y5R,TP,3.5X19,-	
OR10	2001-000734	R-CARBON:4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		QC556	2202-000820	C-CERAMIC,MLC-AXIAL:5.6NF,20%,16V,Y5R,TP,3.5X19,-	
RR705	2001-000734	R-CARBON:4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC1	2202-000848	C-CERAMIC,MLC-AXIAL:1.5NF,30%,50V,Y5S,TP,3.5X1.9,-	
UR905	2001-000734	R-CARBON:4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC52	2202-000848	C-CERAMIC,MLC-AXIAL:1.5NF,30%,50V,Y5S,TP,3.5X1.9,-	
XR4L	2001-000734	R-CARBON:4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		KC401	2202-000850	C-CERAMIC,MLC-AXIAL:2.2NF,30%,16V,Y5R,TP,3.5X1.9,-	
XR4R	2001-000734	R-CARBON:4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		KC402	2202-000850	C-CERAMIC,MLC-AXIAL:2.2NF,30%,16V,Y5R,TP,3.5X1.9,-	
XR6L	2001-000734	R-CARBON:4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC18	2202-000850	C-CERAMIC,MLC-AXIAL:2.2NF,30%,16V,Y5R,TP,3.5X1.9,-	
XR6R	2001-000734	R-CARBON:4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM		KC432	2301-000365	C-FILM,PEF:1.5nF,10%,50V,TP,5.5x7x2.8mm,5	
WR2	2001-000773	R-CARBON:470KOHM,5%,1/8W,AA,TP,1.8X3.2MM		JC305	2301-000385	C-FILM,PEF:12NF,10%,50V,TP,6.5X8.5X3.2MM,	
KR432	2001-000786	R-CARBON:47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		JC355	2301-000385	C-FILM,PEF:12NF,10%,50V,TP,6.5X8.5X3.2MM,	
WR12	2001-000786	R-CARBON:47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC15	2301-000389	C-FILM,PEF:150nF,5%,50V,TP,12.5x15x7.5,7m	
WR15	2001-000786	R-CARBON:47KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC16	2301-000430	C-FILM,PEF:33NF,10%,50V,TP,7.5X11X4MM,5MM	
IR7	2001-000802	R-CARBON:5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m		WC4	2301-000430	C-FILM,PEF:33NF,10%,50V,TP,7.5X11X4MM,5MM	
QR503	2001-000802	R-CARBON:5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m		WC6	2301-000430	C-FILM,PEF:33NF,10%,50V,TP,7.5X11X4MM,5MM	
QR553	2001-000802	R-CARBON:5.6Kohm,5%,1/8W,AA,TP,1.8x3.2m		WC51	2301-000449	C-FILM,PEF:47NF,10%,50V,TP,8X11X4.5MM,5MM	
WR13	2001-000864	R-CARBON:56KOHM,5%,1/8W,AA,TP,1.8X3.2MM		KC433	2301-000454	C-FILM,PEF:5.6NF,10%,50V,TP,6X12X3.3,5MM	
IR17	2001-000977	R-CARBON:8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC12	2301-000469	C-FILM,PEF:68NF,10%,50V,TP,9X12X4.5MM,5MM	
WR4	2001-000977	R-CARBON:8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC33	2303-000312	C-FILM,PPF:100NF,5%,63V,TP,7.5X12.5X3.5,5	
WR1	2001-000989	R-CARBON:820KOHM,5%,1/8W,AA,TP,1.8X3.2MM		WC7	2303-000312	C-FILM,PPF:100NF,5%,63V,TP,7.5X12.5X3.5,5	
WR35	2001-001006	R-CARBON:82OHM,5%,1/8W,AA,TP,1.8X3.2MM		WC8	2303-000312	C-FILM,PPF:100NF,5%,63V,TP,7.5X12.5X3.5,5	
WFR71	2008-000141	R-FUSIBLE:2.2ohm,5%,1/4W,AA,TP,2.6x6.7mm		AC602	2401-000240	C-AL:100uF,20%,10V,GP,TP,5x11,5	
RR703	2008-000157	R-FUSIBLE:4.7ohm,5%,1/4W,AA,TP,2.6x6.7mm		HC4	2401-000240	C-AL:100uF,20%,10V,GP,TP,5x11,5	
RR706	2008-000157	R-FUSIBLE:4.7ohm,5%,1/4W,AA,TP,2.6x6.7mm		JC309	2401-000240	C-AL:100uF,20%,10V,GP,TP,5x11,5	
ISVR2	2103-000461	VR-SEMI:50Kohm,30%,1/10W,TOP		QC514	2401-000240	C-AL:100uF,20%,10V,GP,TP,5x11,5	
ISVR1	2103-000492	VR-SEMI:50Kohm,30%,1/10W,TOP		WC31	2401-000240	C-AL:100uF,20%,10V,GP,TP,5x11,5	
HC9	2201-000144	C-CERAMIC,DISC:100pF,5%,50V,CH,TP,8x3,5		WC34	2401-000240	C-AL:100uF,20%,10V,GP,TP,5x11,5	
WC27	2201-000223	C-CERAMIC,DISC:12pF,5%,50V,CH,TP,5x3,5,0		WC35	2401-000240	C-AL:100uF,20%,10V,GP,TP,5x11,5	
IC12	2201-000381	C-CERAMIC,DISC:22NF,20%,50V,Y5V,8.0x4.0mm,5mm,TP		WC55	2401-000240	C-AL:100uF,20%,10V,GP,TP,5x11,5	
UC10	2201-000389	C-CERAMIC,DISC:22pF,5%,50V,CH,TP,5.0x3.0,5		WC60	2401-000240	C-AL:100uF,20%,10V,GP,TP,5x11,5	
UC11	2201-000389	C-CERAMIC,DISC:22pF,5%,50V,CH,TP,5.0x3.0,5		WC62	2401-000240	C-AL:100uF,20%,10V,GP,TP,5x11,5	
HC2	2201-000423	C-CERAMIC,DISC:27pF,5%,50V,NPO,TP,5x3,2,5		WC63	2401-000240	C-AL:100uF,20%,10V,GP,TP,5x11,5	

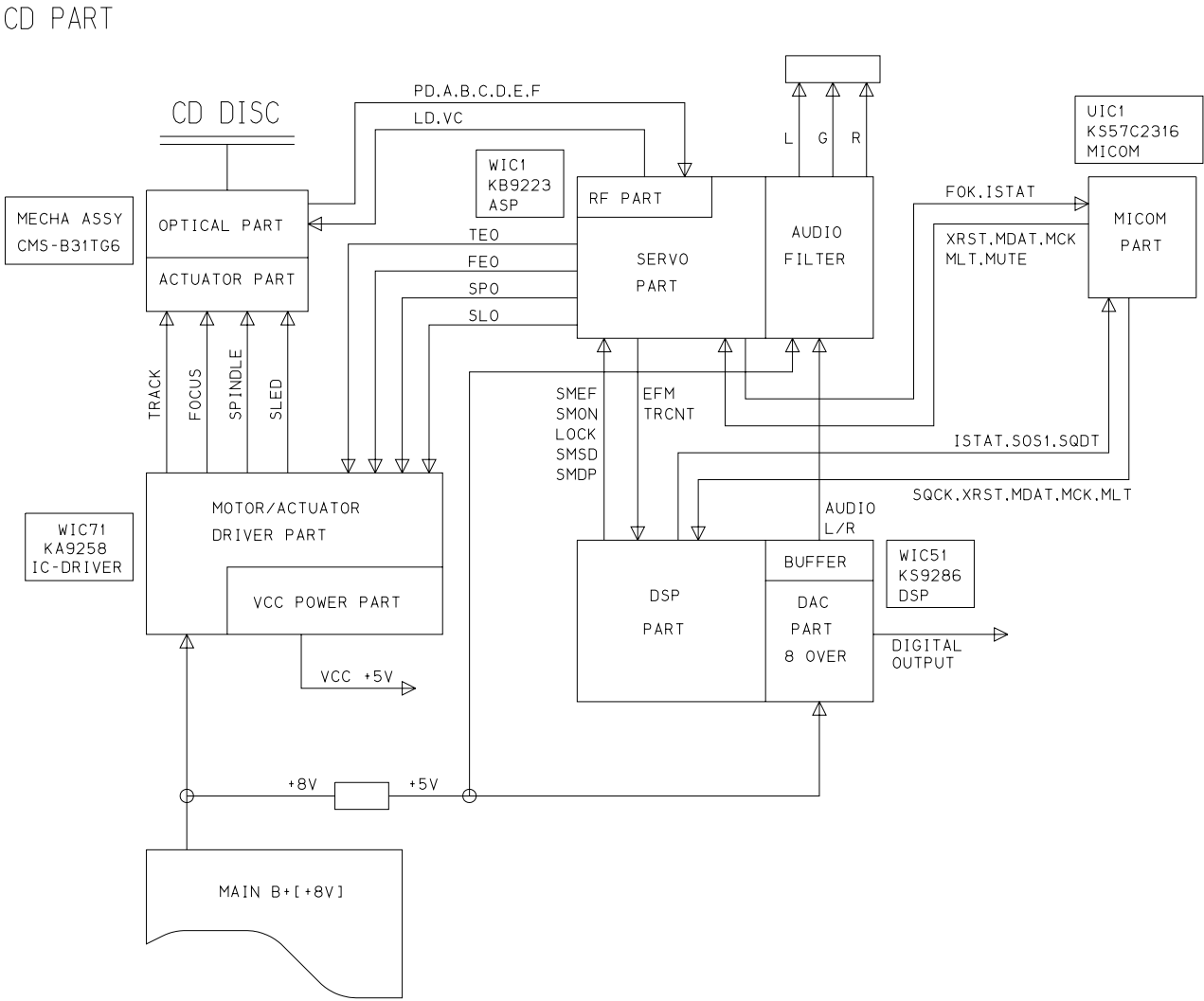
Location no.	Code no.	Description & Specifiation	Remarks	Location no.	Code no.	Description & Specifiation	Remarks
WC68	2401-000240	C-AL:100uF,20%,10V,GP,TP,5x11,5					
XC8	2401-000240	C-AL:100uF,20%,10V,GP,TP,5x11,5					
AC604	2401-000303	C-AL:100uF,20%,25V,GP,TP,6.3x11,5					
IC14	2401-000419	C-AL:100uF,20%,16V,GP,-,4X7,5					
IC8	2401-000419	C-AL:100uF,20%,16V,GP,-,4X7,5					
QC511	2401-000419	C-AL:100uF,20%,16V,GP,-,4X7,5					
UC3	2401-000419	C-AL:100uF,20%,16V,GP,-,4X7,5					
RC712	2401-001102	C-AL:330UF,20%,16V,GP,TP,8X12,5					
AC605	2401-001364	C-AL:470UF,20%,16V,GP,TP,10X12MM,5M					
AC655	2401-001364	C-AL:470UF,20%,16V,GP,TP,10X12MM,5M					
WC30	2401-001645	C-AL:680nF,20%,50V,GP,-,5x11,2mm					
UC4	2401-001889	C-AL:100NF,20%,50V,GP,BK,5X11MM,2MM					
AC601	2401-001895	C-AL:100uF,20%,16V,GP,6.3x11mm,2,5m					
FC2	2401-001895	C-AL:100uF,20%,16V,GP,6.3x11mm,2,5m					
IC25	2401-001895	C-AL:100uF,20%,16V,GP,6.3x11mm,2,5m					
IC28	2401-001895	C-AL:100uF,20%,16V,GP,6.3x11mm,2,5m					
IC3	2401-001895	C-AL:100uF,20%,16V,GP,6.3x11mm,2,5m					
IC7	2401-001895	C-AL:100uF,20%,16V,GP,6.3x11mm,2,5m					
IC9	2401-001895	C-AL:100uF,20%,16V,GP,6.3x11mm,2,5m					
JC306	2401-001895	C-AL:100uF,20%,16V,GP,6.3x11mm,2,5m					
JC356	2401-001895	C-AL:100uF,20%,16V,GP,6.3x11mm,2,5m					
KC401	2401-001895	C-AL:100uF,20%,16V,GP,6.3x11mm,2,5m					
KC451	2401-001895	C-AL:100uF,20%,16V,GP,6.3x11mm,2,5m					
QC503	2401-001895	C-AL:100uF,20%,16V,GP,6.3x11mm,2,5m					
QC515	2401-001895	C-AL:100uF,20%,16V,GP,6.3x11mm,2,5m					
QC553	2401-001895	C-AL:100uF,20%,16V,GP,6.3x11mm,2,5m					
RC708	2401-001895	C-AL:100uF,20%,16V,GP,6.3x11mm,2,5m					
UC902	2401-001895	C-AL:100uF,20%,16V,GP,6.3x11mm,2,5m					
UC903	2401-001895	C-AL:100uF,20%,16V,GP,6.3x11mm,2,5m					
XC7	2401-001895	C-AL:100uF,20%,16V,GP,6.3x11mm,2,5m					
QC501	2401-001912	C-AL:1uF,20%,50V,GP,5x11mm,2mm,BK					
QC502	2401-001912	C-AL:1uF,20%,50V,GP,5x11mm,2mm,BK					
QC503	2401-001912	C-AL:1uF,20%,50V,GP,5x11mm,2mm,BK					
QC512	2401-001912	C-AL:1uF,20%,50V,GP,5x11mm,2mm,BK					
QC551	2401-001912	C-AL:1uF,20%,50V,GP,5x11mm,2mm,BK					
QC552	2401-001912	C-AL:1uF,20%,50V,GP,5x11mm,2mm,BK					
QC553	2401-001912	C-AL:1uF,20%,50V,GP,5x11mm,2mm,BK					
QC562	2401-001912	C-AL:1uF,20%,50V,GP,5x11mm,2mm,BK					
WC3	2401-001954	C-AL:4.7UF,20%,50V,GP,BK,5X11MM,5					
WC68	2401-001954	C-AL:4.7UF,20%,50V,GP,BK,5X11MM,5					
XC2L	2401-001954	C-AL:4.7UF,20%,50V,GP,BK,5X11MM,5					
XC2R	2401-001954	C-AL:4.7UF,20%,50V,GP,BK,5X11MM,5					
XC5L	2401-001954	C-AL:4.7UF,20%,50V,GP,BK,5X11MM,5					
XC5R	2401-001954	C-AL:4.7UF,20%,50V,GP,BK,5X11MM,5					
XC6	2401-001954	C-AL:4.7UF,20%,50V,GP,BK,5X11MM,5					
JC308	2401-001968	C-AL:470NF,20%,50V,GP,TP,5X11MM,5					
WC51	2401-001968	C-AL:470NF,20%,50V,GP,TP,5X11MM,5					
WC9	2401-001968	C-AL:470NF,20%,50V,GP,TP,5X11MM,5					
JC304	2401-001975	C-AL:47UF,20%,16V,GP,TP,5X11MM,5					
JC307	2401-001975	C-AL:47UF,20%,16V,GP,TP,5X11MM,5					
JC354	2401-001975	C-AL:47UF,20%,16V,GP,TP,5X11MM,5					
KC431	2401-001975	C-AL:47UF,20%,16V,GP,TP,5X11MM,5					
UC1	2401-001975	C-AL:47UF,20%,16V,GP,TP,5X11MM,5					
QC505	2401-002180	C-AL:2.2UF,20%,50V,GP,TP,5X11,5MM					
QC555	2401-002180	C-AL:2.2UF,20%,50V,GP,TP,5X11,5MM					
OCT2	2502-000127	C-TRIMMER ; 20-4.6PF,100V ,L-BAND					
OCT4	2502-000127	C-TRIMMER ; 20-4.6PF,100V ,L-BAND	OPTION				
ACH1	2701-000111	INDUCTOR-AXIAL:100uH,10%,2.5x3.4mm					
ACH2	2701-000111	INDUCTOR-AXIAL:100uH,10%,2.5x3.4mm					
HL1	2701-000111	INDUCTOR-AXIAL:100uH,10%,2.5x3.4mm					
RL701	2701-000111	INDUCTOR-AXIAL:100uH,10%,2.5x3.4mm					
WL1	2701-000178	INDUCTOR-AXIAL:33uH,10%,2.8x7mm					
XL1	2701-000178	INDUCTOR-AXIAL:33uH,10%,2.8x7mm					
XL3L	2701-000178	INDUCTOR-AXIAL:33uH,10%,2.8x7mm					
XL3R	2701-000178	INDUCTOR-AXIAL:33uH,10%,2.8x7mm					
WL2	3301-000297	CORE-FERRITE BEAD;AA,3.6X1.2X5.7MM,1400,2900G					
WL4	3301-000297	CORE-FERRITE BEAD;AA,3.6X1.2X5.7MM,1400,2900G					
XL2	3301-000297	CORE-FERRITE BEAD;AA,3.6X1.2X5.7MM,1400,2900G					
XIC1	AC14-12001G	IC;KA78L05,T,-					
FTP1	AH61-40022A	STUD-TAP:SPC1,T0.5,BT2,-,-,-					
FTP2	AH61-40022A	STUD-TAP:SPC1,T0.5,BT2,-,-,-					
	AH42-10010B	ANT-ROD ; 2S 600MM					
	14529-304-610	FILTER CERAMIC ; AHCM2 - 450B2					
	AH92-00131A	ASSY-PCB-POWER;RCD590 ,230V CP2	S.N.A.				
RF701	3601-000216	FUSE-FERRULE;250V,2.5A,TL, GLASS,5x20mm					
RCW702	3711-003107	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGHT,SN					
RT701	AH26-00036A	TRANS-POWER-EI48X25.115/230V,60/50Hz					
RJ701	AH37-22001L	JACK-AC POWER;16.5MM,KC2106A,5P,BULK,CP2	OPTION				
RD701	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP					
RD702	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP					
RD703	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP					
RD704	0402-000127	DIODE-RECTIFIER;1N4002,100V,1A,DO-41,TP					
RC701	2201-000381	C-CERAMIC,DISC;22NF,20%,50V,Y5V,8.0x4.0mm,5mm,TP					
RC702	2201-000381	C-CERAMIC,DISC;22NF,20%,50V,Y5V,8.0x4.0mm,5mm,TP					
RC703	2201-000381	C-CERAMIC,DISC;22NF,20%,50V,Y5V,8.0x4.0mm,5mm,TP					
RC704	2201-000381	C-CERAMIC,DISC;22NF,20%,50V,Y5V,8.0x4.0mm,5mm,TP					
RF701	3602-000147	FUSE-CLIP;250V,7.5A,30MOHM					
	AH39-10001K	POWER-CORD;CP2,KLCE-2F,2M,KKS-15,VDE	OPTION				
	AH39-10060V	POWER-CORD;AP2,KSP-173/0201/KKJ201A	OPTION				
RJ701	AH37-22001M	JACK-AC POWER ; 17MM,KC1103,5P,BLUE,EP2/W,P	OPTION				

5. Block Diagram

4-1 Main

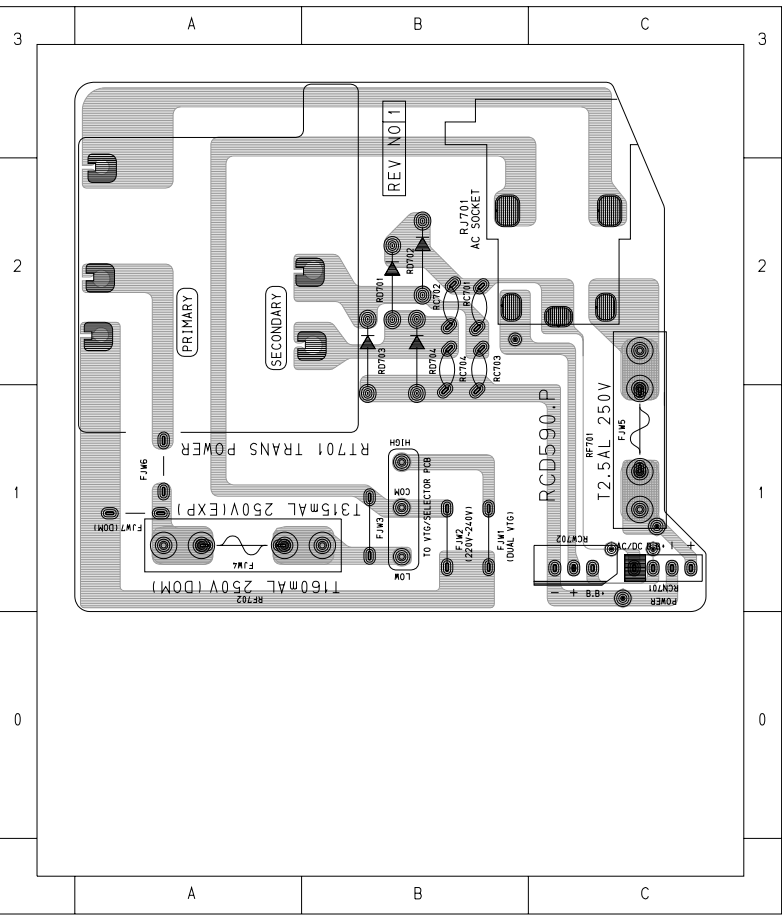


4-2 CD Part



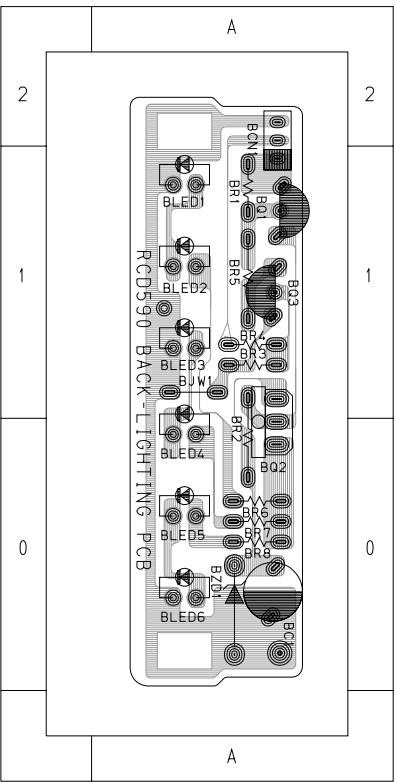
6. Printed Circuit Board Diagram

6-1 Power PCB



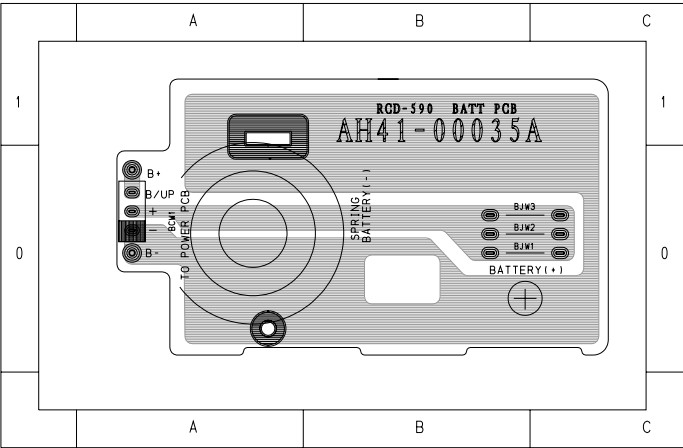
- *** CONDENSER ***
- RC701 (B2)
RC702 (B2)
RC703 (B1)
RC704 (B1)
- *** DIODE ***
- RD701 (B2)
RD702 (B2)
RD703 (B2)
RD704 (B2)
- *** IC&WAFER ***
- RCN701 (C1)
RCW702 (C1)

6-2 Back Lighting PCB



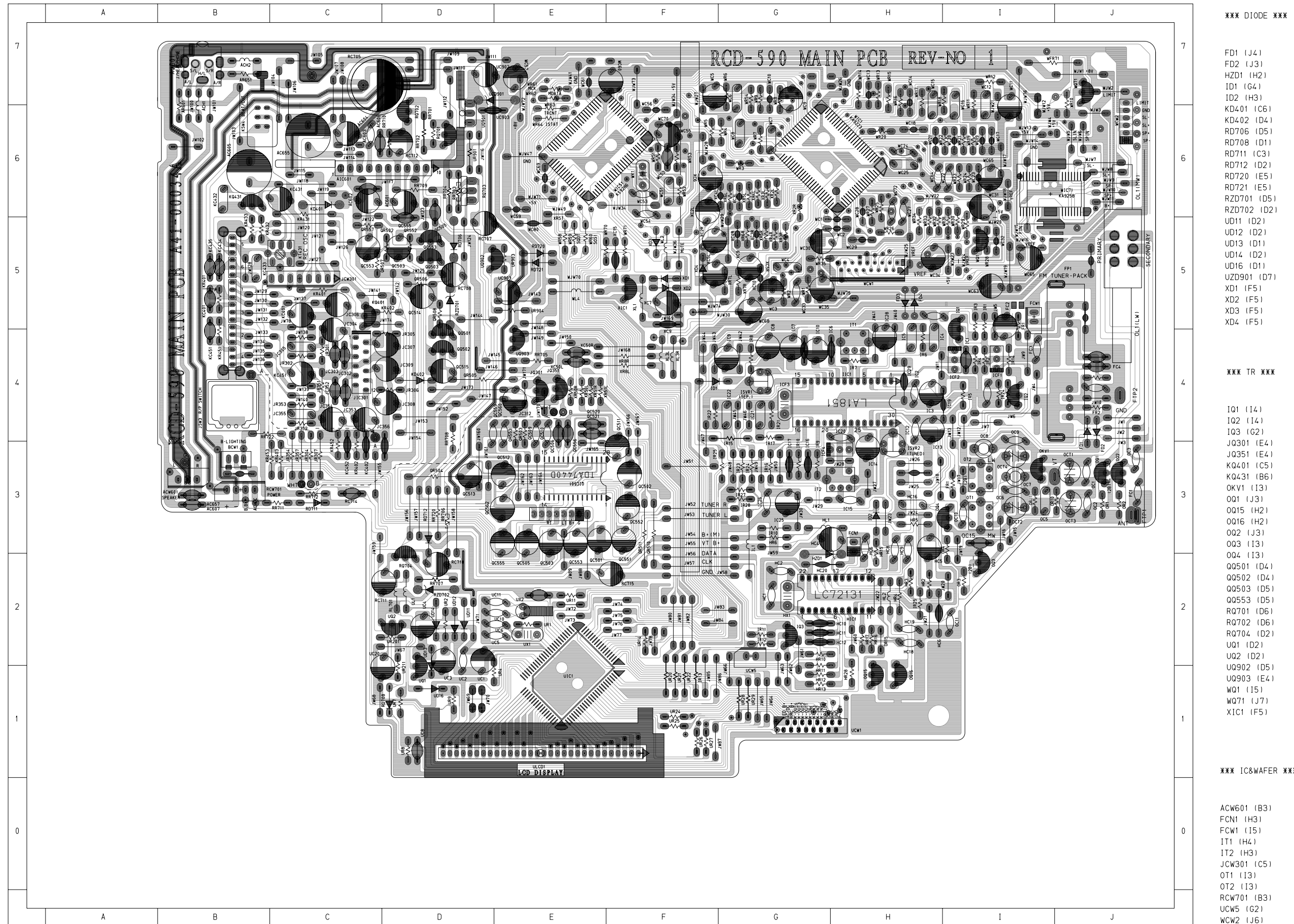
- *** CONDENSER ***
- BC1 (A0)
- *** DIODE ***
- BZD1 (A0)
- *** TR ***
- BQ1 (A1)
BQ3 (A1)
- *** IC&WAFER ***
- BCN1 (A2)

6-3 Battery PCB

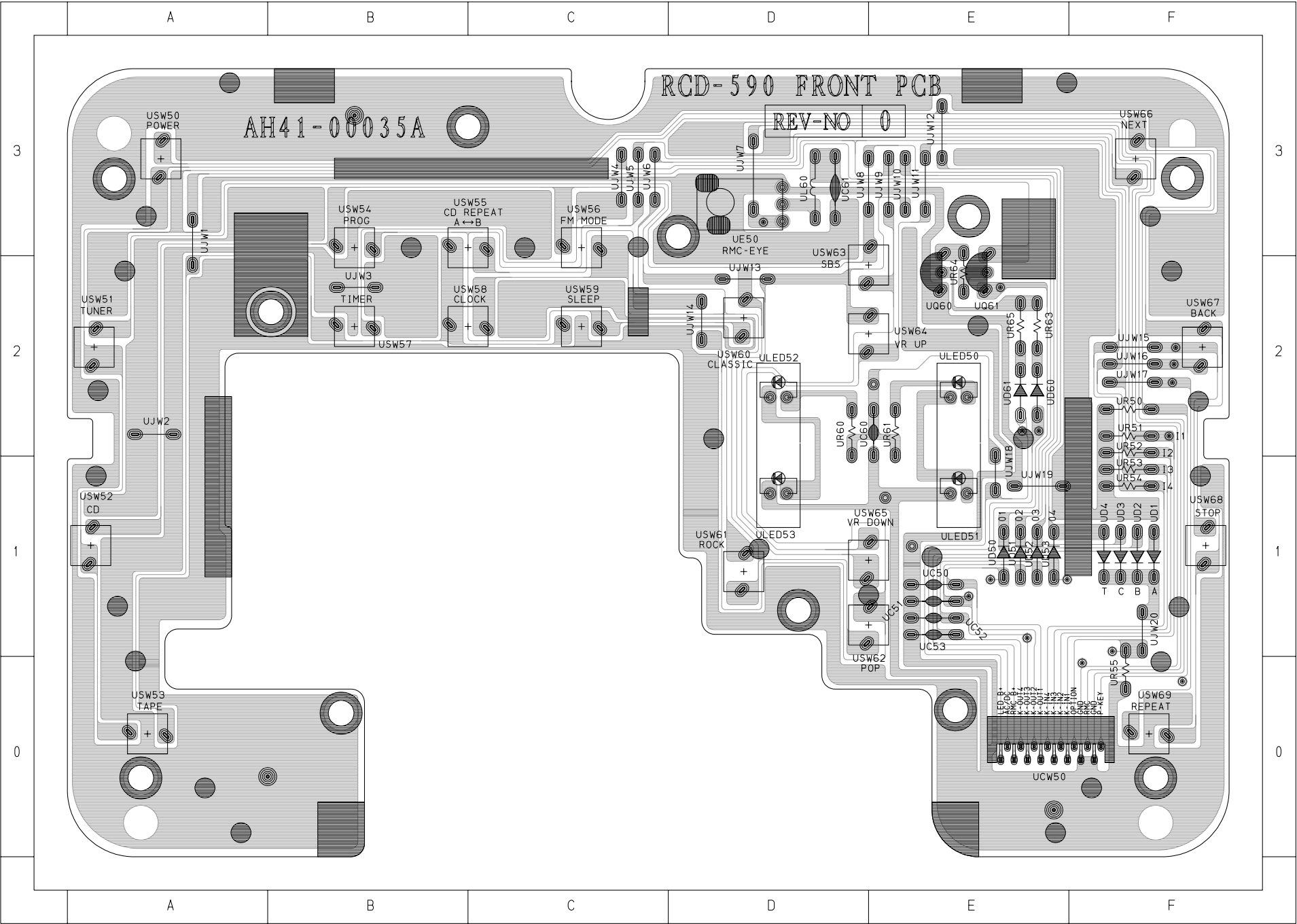


- *** IC&WAFER ***
- BCW1 (A0)

6-4 Main PCB

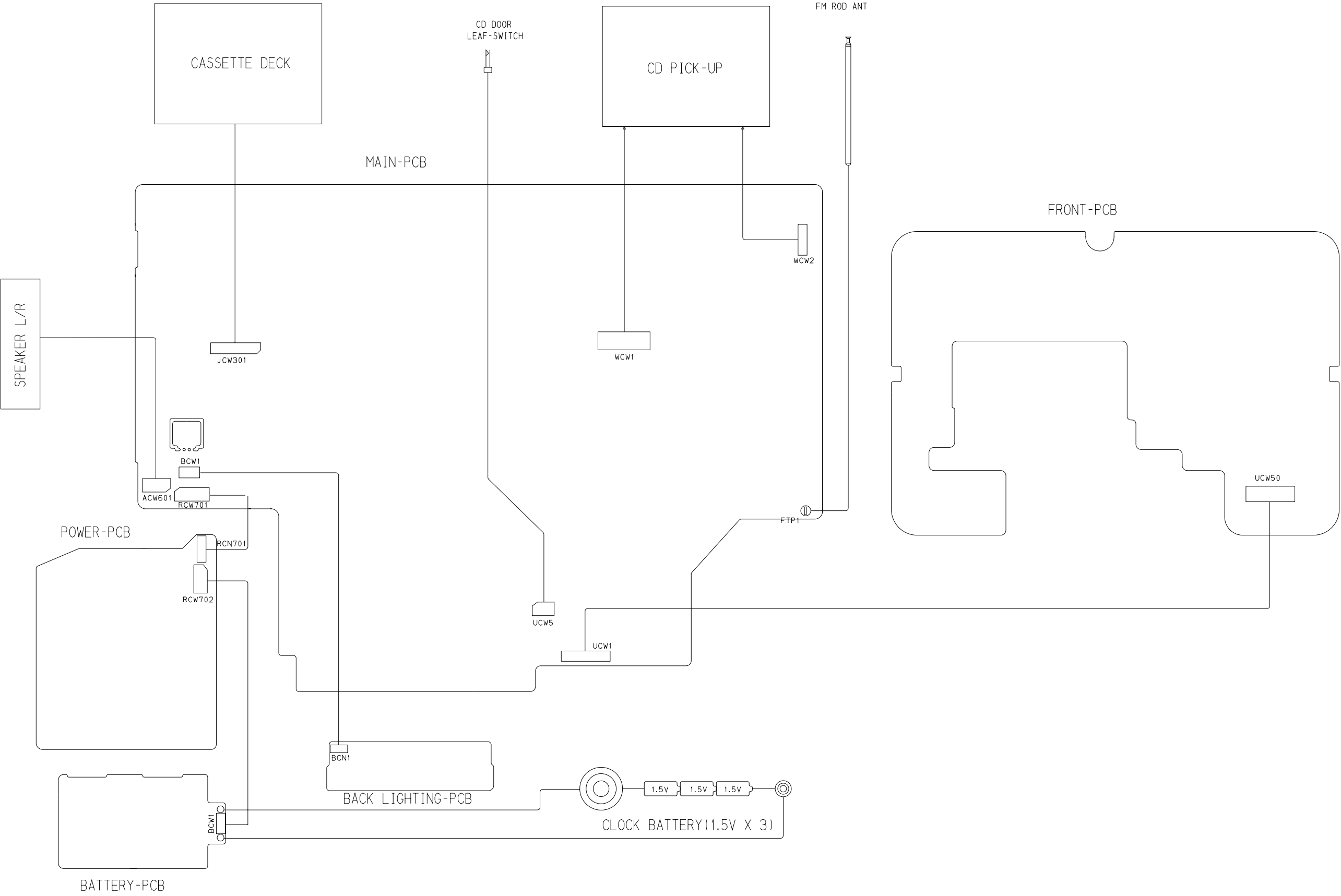


6-5 Front PCB



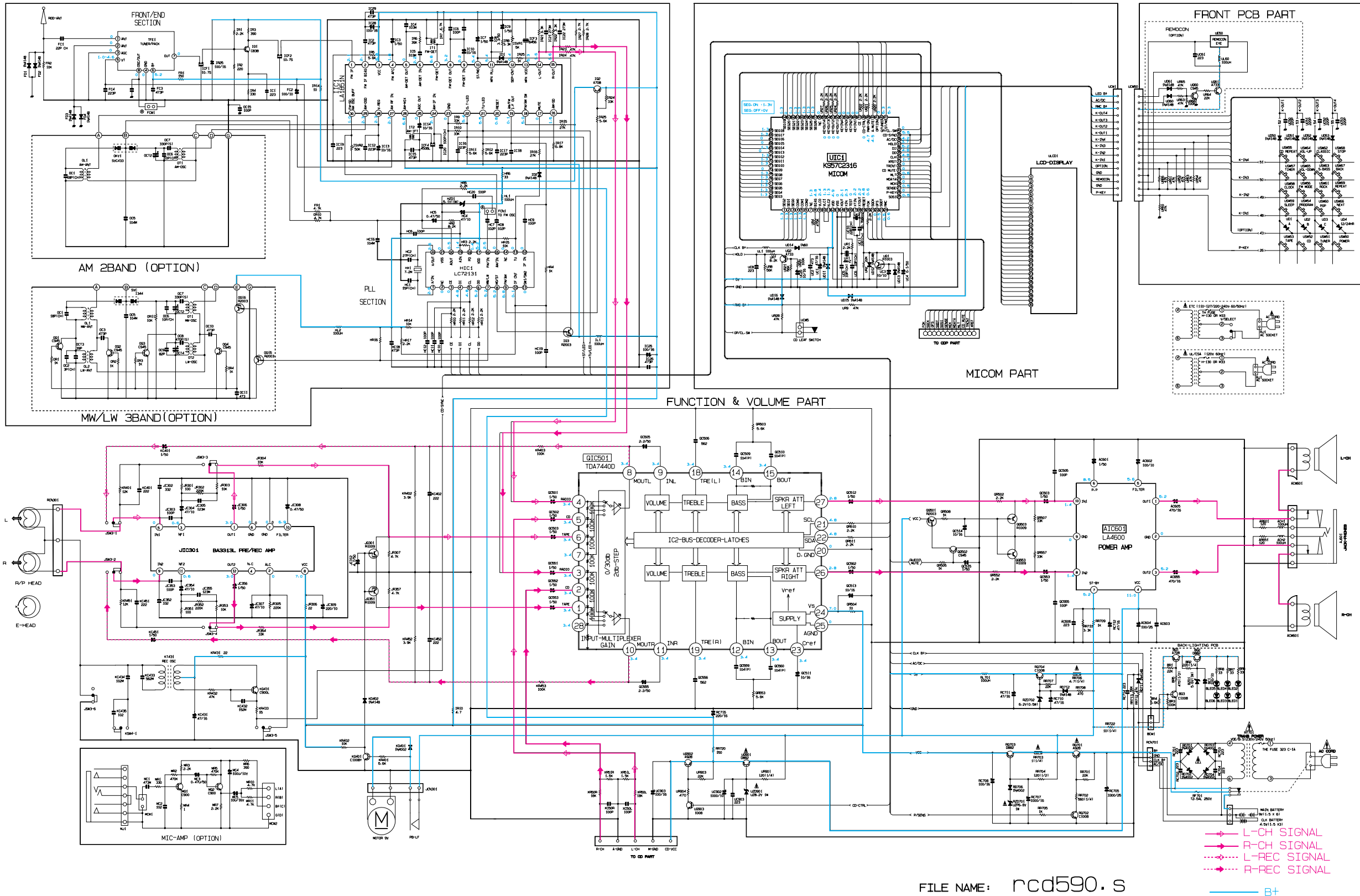
*** RESISTOR ***	*** CONDENSER ***
UR50 (F2)	UC50 (E1)
UR51 (F2)	UC51 (E1)
UR52 (F2)	UC52 (E1)
UR53 (F1)	UC53 (E1)
UR54 (F1)	UC60 (E1)
UR55 (F0)	UC61 (D3)
UR60 (D1)	
UR61 (E1)	*** DIODE ***
UR63 (E2)	UD1 (F1)
UR64 (E2)	UD2 (F1)
UR65 (E2)	UD3 (F1)
	UD4 (F1)
	UD50 (E1)
	UD51 (E1)
*** IC&WAFER ***	UD52 (E1)
USW50 (A3)	UD53 (E1)
USW51 (A2)	UD60 (E2)
USW52 (A1)	UD61 (E2)
USW53 (A0)	
USW54 (B3)	*** TR ***
USW55 (C3)	
USW56 (C3)	UQ60 (E2)
USW57 (B2)	UQ61 (E2)
USW58 (C2)	
USW59 (C2)	
USW60 (D2)	
USW61 (D1)	
USW62 (E1)	
USW63 (E2)	
USW64 (E2)	
USW65 (E1)	
USW66 (F3)	
USW67 (F2)	
USW68 (F1)	
USW69 (F0)	

7. Wiring Diagram



8. Schematic Diagram

8-1 Main Part



FILE NAME: rcd590.s

