



FILE .NO

Service Manual

CD Audio System

DC-SLIM1600 /AU



PRODUCT CODE No.

1 129 666 00 DC-SLIM1600/AU

Specifications

AC Power :

AC 240V, 50 Hz
DC 3V (1.5V x 2 "AAA" batteries
for tuner and clock memory)

Power Output :

5 W / CH 10% THD

Dimensions of Main section :

619 (W) x 133.7 (D) x 281.5 (H) mm

Radio section :

Tuning : PLL with 20 presels (FM 10, AM 10)
Frequency Range :
FM: 87.5 - 108 MHz
AM: 531 - 1602 kHz

CD section :

Vertical Front Loading CD

Speaker system :

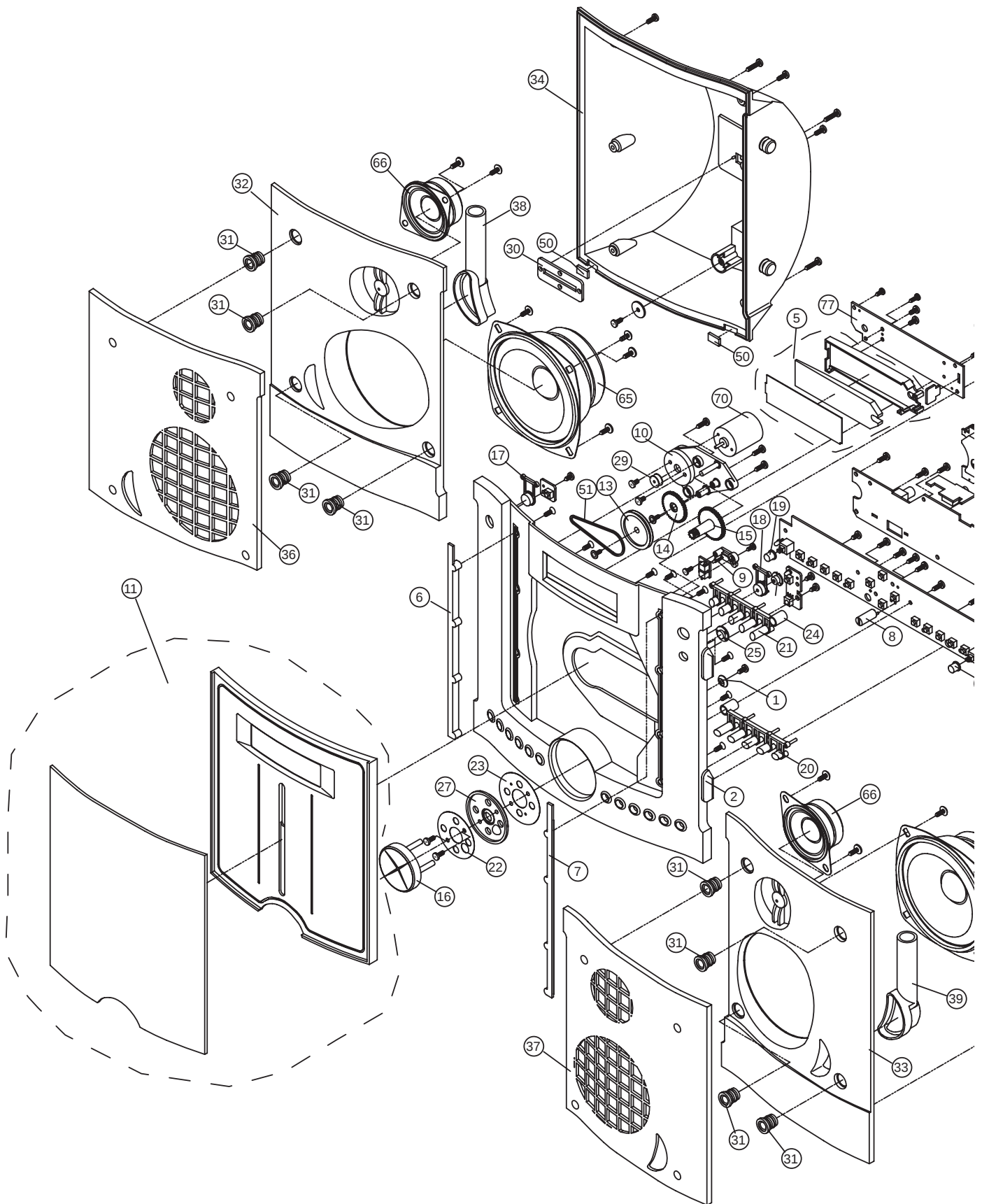
Woofer 4" , 4 ohm
Tweeter 2" , 4 ohm

Remote control :

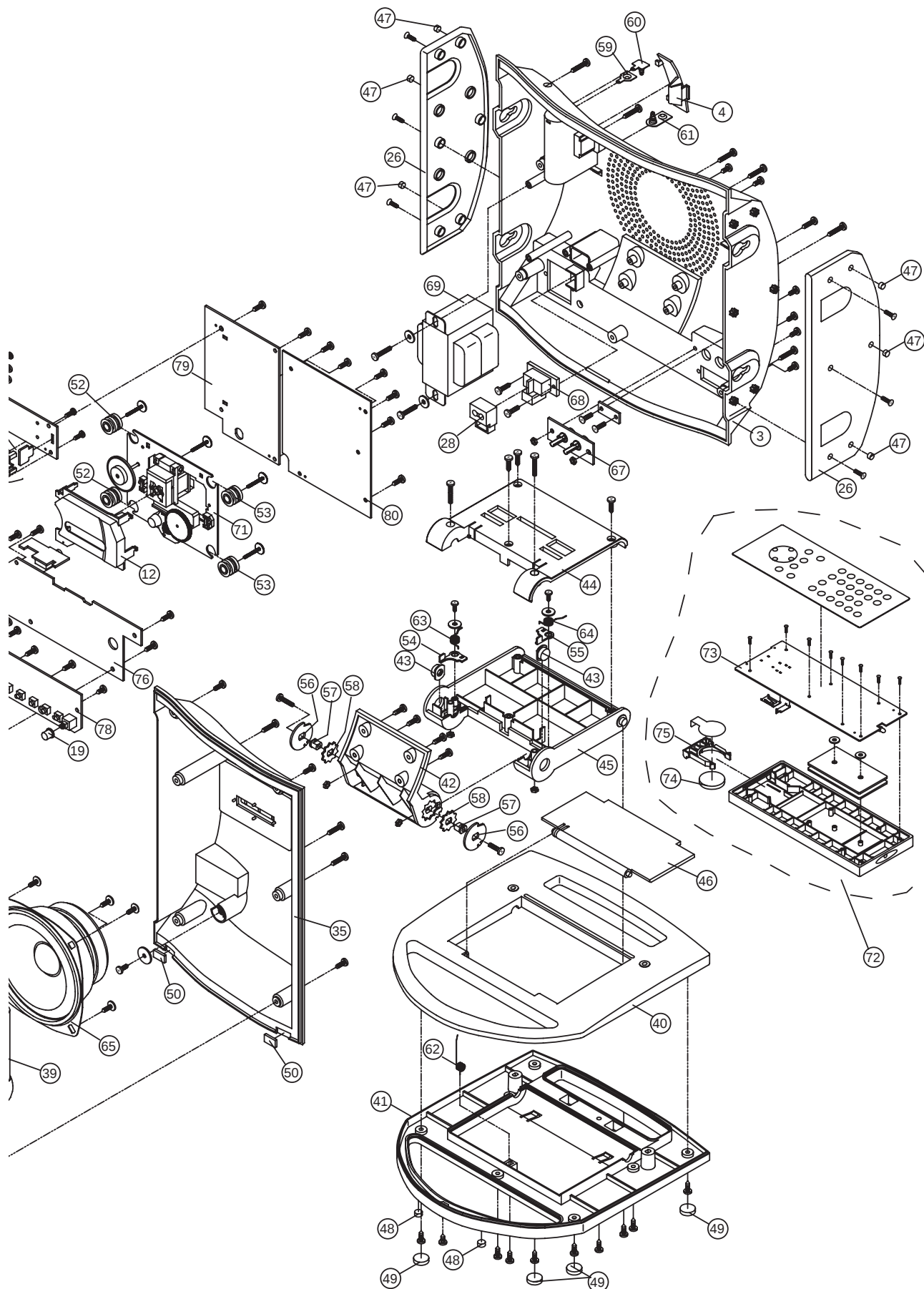
32 keys, Battery size "CR2032"
(Battery Included)

Specifications subject to change without notice.

REFERENCE No. SM0913001



EXPLODED VIEW



PARTS LIST

PRODUCT SAFETY NOTICE

EACH PRECAUTION IN THIS MANUAL SHOULD BE FOLLOWED DURING SERVICING. COMPONENTS IDENTIFIED WITH THE IEC SYMBOL  IN THE PARTS LIST AND THE SCHEMATIC DIAGRAM DESIGNATED COMPONENTS IN WHICH SAFETY CAN BE OF SPECIAL SIGNIFICANCE. WHEN REPLACING A COMPONENT IDENTIFIED BY , USE ONLY THE REPLACEMENT PARTS DESIGNATED, OR PARTS WITH THE SAME RATINGS OF RESISTANCE, WATTAGE OR VOLTAGE THAT ARE DESIGNATED IN THE PARTS LIST IN THIS MANUAL. LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS MUST BE MADE TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT BEFORE RETURNING THE PRODUCT TO THE CUSTOMER.

REF NO.	PART NO.	DESCRIPTION	REF NO.	PART NO.	DESCRIPTION
PACKING & ACCESSORIES			41	56-07A160078010	STAND SUPPORT BKT DOWN
	76-01A160001120	GIFT BOX (SANYO)	42	56-07A160088010	REAR CAB CONTACT BKT
	77-20A160001620	INSTRUCTION MANUAL (E)	43	56-54A160068000	ADJUST KNOB(GREY 432C)
	45-184300040020	SPK CORD (GREY) L=3M	44	56-80A160028000	STAND UPPER(DARK GREY)
	02-32A200000000	AM LOOP ANT ASS'Y	45	56-80A160038000	STAND DOWN(DARK GREY)
	44-316445052520	2P WIRE L=4500mm	46	56-80A160048000	REAR CAB CON.BKT ADAPTOR
FRONT PANEL & CABINET			47	58-262502300020	HARD RUBBER FOOT
1	56-01A160000000	VOLUME KNOB ADAPTOR	48	58-262602600120	RUBBER FOOT(BLK)
2	56-04A16000A070	FRONT CAB(HIPS)	49	58-263122300020	HARD RUBBER FOOT
3	56-05A160068000	REAR CAB(HIPS)	50	58-263122680020	HARD RUBBER FOOT12x6.8x2
4	56-06A160018000	REAR CAB BATTERY DOOR	51	58-43A160000020	DRIVE BELT
5	AU-56A160000050	BACK LIGHT LENS ASS'Y	52	58-61M520R02120	SHOCK ABSORBER (PINK)
6	56-07A16001A000	CD DOOR LEFT GUIDE TRACK	53	58-61M620R00120	SHOCK ABSORBER (BLACK)
7	56-07A16002A000	CD DOOR RIGHT GUIDE TRACK	54	61-11A160000620	STAND SUPPORT BKT PLATE/L
8	56-07A160038010	VOLUME KNOB LIGHT BKT	55	61-11A160000720	STAND SUPPORT BKT PLATE/R
9	56-07A160048010	CD DOOR CONTROL PCB BKT	56	61-11A160000823	STAND METAL PLATE(R3)
10	56-07A160058010	MOTOR BRACKET	57	61-11A160000920	STAND METAL PLATE SHAFT
11	AU-56A160000040	CD DOOR ASS'Y	58	61-11A160001020	STAND METAL HOLDER
12	56-15MS0661B000	LASER COVER (FOR CD)	59	61-25A160000020	BATTERY PLATE (+)
13	56-37A16000B000	DRIVING GEAR	60	61-26A160000020	BATTERY SPRING PLATE (-)
14	56-37A16001B000	DRIVEN GEAR	61	61-26A160000121	BATTERY SPRING PLATE (+/-)
15	56-37A160020000	DRIVEN GEAR	62	61-97A160000020	STAND-ARM SPRING
16	56-54A16000G010	VOLUME KNOB	63	61-97A160000120	BOTTOM BASE LEFT SPRING
17	56-54A16001A000	CD DOOR OPEN/CLOSE KNOB	64	61-97A160000220	BOTTOM BASE RIGHT SPRING
18	56-54A16002A000	POWER/STANDBY KNOB	65	19-011112500820	SPEAKER 4" 5W 4 OHM
19	56-54A16003C000	LINE IN/OUT KNOB	66	19-032052800220	TWEETER 2" 8W 4 OHM
20	56-54A16004C000	RIGHT CD FUNCTION KNOB	67	43-451200005020	RCA JACK BD 2P (RD/WH)
21	56-54A16005C000	LEFT CD FUNCTION KNOB	68	 43-520300000001	AC SOCKET (TAI CHUNG)
22	57-26A160000120	VOLUME RING UP	ELECTRICAL PARTS		
23	57-26A160000220	VOLUME RING DOWN	69	 18-206A16001120	H/TRANSFORMER 240V/50Hz
24	56-57A160050000	POWER KNOB LIGHT LENS	70	58-44A1600000020	MOTOR 5V (RF-370CA-17205)
25	56-57A160060010	OPTIC SENSER LENS		 45-124200600060	AC CORD SET SAAAPP 2M
26	56-69A16000G000	DESCRIPTION PLATE	CD MECANISM ASS'Y		
27	56-78A160000000	VOLUME KNOB RING	71	20-70CMSB35BG60	CD MECHANISM CMS-B35BG6
28	56-81000000B000	AC SOCKET COVER	REMOTE CONTROL ASS'Y		
29	56-76M620R00000	MOTOR PULLEY	72	02-17A160000031	REMOTE ASS'Y SANYO
30	56-69A160028000	SPEAKER COVER	73	05-13A1600000000	REMOTE BOARD ASS'Y
31	56-80S16800B000	SPEAKER PANEL STUD BLK	74	51-021301000050	LITHIUM BATTERY CR2032
32	56-85A16000A000	SPEAKER FRONT PANEL/L	75	56-44A16000A000	REMOTE BATT.DOOR
33	56-85A16001A000	SPEAKER FRONT PANEL/R	RADIO PCB ASS'Y		
34	56-85A160068000	SPEAKER REAR CAB/L	76	05-02A160000030	RADIO BOARD ASS'Y
35	56-85A160078000	SPEAKER REAR CAB/R	C210	26-014101051121	E.CAP 1UF 50V
36	56-86A16000B000	SPEAKER NET BRACKET/L	C215	26-014101051121	E.CAP 1UF 50V
37	56-86A16001B000	SPEAKER NET BRACKET/R	C217	26-014221051121	E.CAP 2.2UF 50V
38	56-87A160008000	LEFT SP AIR FILTER TUBE			
39	56-87A160018000	RIGHT SP AIR FILTER TUBE			
40	56-07A160068010	STAND SUPPORT BKT UPPER			

PARTS LIST

REF NO.	PART NO.	DESCRIPTION	REF NO.	PART NO.	DESCRIPTION
C224	26-014101051121	E.CAP 1UF 50V	D79	12-1N4148000021	DIODE 1N4148
C227	26-014221051121	E.CAP 2.2UF 50V	IC401	16-AS3053000021	IC AS3053-6AP
C228	26-014221051121	E.CAP 2.2UF 50V		13-011509122020	LED LAMP 5mm (S.GR/RD/BLUE)
C235	26-014221051121	E.CAP 2.2UF 50V		13-05A160000021	LCD DISPLAY 83x27.5mm
C247	26-014221051121	E.CAP 2.2UF 50V	KEY PCB ASSY		
C248	26-014221051121	E.CAP 2.2UF 50V	78	05-05A160000000	KEY BOARD ASSY
C268	26-014221051121	E.CAP 2.2UF 50V	CN7A	44-315322057620	7P WIRE L=220mm HSG(2)x1
CF201	31-028107000120	CERAMIC FILTER 10.7MA5-A	CN401	43-022200140120	WAFER 2mm 4P 90C
CF203	31-026450010110	CERAMIC FILTER SFU450B	CN402	43-022200120120	WAFER 2mm 2P 90C
CF205	31-038107020120	DISCRIMINATOR FILTER 10.7M	CN403	43-022200140120	WAFER 2mm 4P 90C
CF206	31-046456000220	RESONATOR ZTB456F15	CN405	43-022200160120	WAFER 2mm 6P 90C
CN201	44-315318056620	6P WIRE L=180mm	CN406	43-022200130120	WAFER 2mm 3P 90C
CN202	43-022200140120	WAFER 2mm 4P 90C	CN407	43-022200160120	WAFER 2mm 6P 90C
CN204	43-012250120120	WAFER 2.5mm 2P 180C	D401	12-1N4148000021	DIODE 1N4148
CN205	43-012250120120	WAFER 2.5mm 2P 180C	D402	12-1N4148000021	DIODE 1N4148
CW6	44-160314000720	2C SHIELD WIRE L=140mm	D405	12-1N4148000021	DIODE 1N4148
D201	12-1N4148000021	DIODE 1N4148	L401	38-013100050220	AXIAL INDUCTOR 10UH 500mA
D202	12-1N4148000021	DIODE 1N4148	L402	38-013100050220	AXIAL INDUCTOR 10UH 500mA
IC201	16-TA8176SN0021	IC TA8176SN	L403	38-013100050220	AXIAL INDUCTOR 10UH 500mA
IC202	16-LA1832000021	IC LA1832	LED1	13-011509122020	LED LAMP(S.GR/RD/BLUE)
IC203	16-LC7213100021	IC LC72131	Q401	11-8050C0000021	TRANSISTORS 2W 8050C
JK1	43-451100004020	RCA JACK (BLK)	Q403	11-9015C0000021	PNP TRANSISTORS 9015C
JK2	43-431360005020	PHONE JACK 3.6 ST-212SWD	Q404	11-9014C0000021	NPN TRANSISTORS 9014C
L3	38-103100050320	CHOKE COIL 10UH 1A	Q405	11-9014C0000021	NPN TRANSISTORS 9014C
L4	38-103100050320	CHOKE COIL 10UH 1A	Q406	11-9014C0000021	NPN TRANSISTORS 9014C
L5	38-013100050220	AXIAL INDUCTOR 10UH 500mA	Q407	11-9014C0000021	NPN TRANSISTORS 9014C
L6	38-013100050220	AXIAL INDUCTOR 10UH 500mA	Q408	11-9015C0000021	PNP TRANSISTORS 9015C
L7	38-013100050220	AXIAL INDUCTOR 10UH 500mA	Q410	11-9014C0000021	NPN TRANSISTORS 9014C
L201	40-351500135020	FM COIL 5x3.5T (0.8mm)	SW401	41-150010100020	TACT SWITCH 6x6mm 5mm
L202	40-351500125020	FM COIL 5x2.5T (0.8mm)	SW402	41-150010100020	TACT SWITCH 6x6mm 5mm
L203	40-351500135020	FM COIL 5x3.5T (0.8mm)	SW403	41-150010100020	TACT SWITCH 6x6mm 5mm
L204	38-014100050120	AXIAL INDUCTOR 100UH 275mA	SW404	41-150010100020	TACT SWITCH 6x6mm 5mm
Q201	11-9014C0000021	NPN TRANSISTORS 9014C	SW405	41-150010100020	TACT SWITCH 6x6mm 5mm
Q202	11-9014C0000021	NPN TRANSISTORS 9014C	SW406	41-150010100020	TACT SWITCH 6x6mm 5mm
Q203	11-9014C0000021	NPN TRANSISTORS 9014C	SW407	41-150010100020	TACT SWITCH 6x6mm 5mm
Q204	11-9015C0000021	PNP TRANSISTORS 9015C	SW408	41-150010100020	TACT SWITCH 6x6mm 5mm
SPK	43-441400014020	SPK JACK PST-419V-141	SW409	41-150010100020	TACT SWITCH 6x6mm 5mm
SVC201	27-501802201020	TRIMMER 20PF 8mm	SW410	41-150010100020	TACT SWITCH 6x6mm 5mm
SVC202	27-501802201020	TRIMMER 20PF 8mm	SW411	41-150010100020	TACT SWITCH 6x6mm 5mm
T203	40-02A049004020	I.F.T 7mm A049 (YELLOW)	SW412	41-150010100020	TACT SWITCH 6x6mm 5mm
T204	40-023120000020	I.F.T 7mm 312A (BLACK)	SW413	41-150010100020	TACT SWITCH 6x6mm 5mm
T205	40-027400003020	I.F.T 7mm #740 (ORANGE)	SW414	41-150010100020	TACT SWITCH 6x6mm 5mm
T206	40-02660R002020	I.F.T 7mm 660R (RED)	SW415	41-150010030020	TACT SWITCH 6x6mm 5mm
VD201	12-1SV101000021	VARICAP DIODE 1SV-101	SW416	41-150010030020	TACT SWITCH 6x6mm 5mm
VD202	12-1SV101000021	VARICAP DIODE 1SV-101	SW417	41-071100020020	MICRO SWITCH 1120B
VD203	12-1SV149000021	VARICAP DIODE 1SV-149	SW418	41-071100020020	MICRO SWITCH 1120B
VD204	12-1SV149000021	VARICAP DIODE 1SV-149	SW419	41-180010030020	PUSH SWITCH 7x7mm
X201	31-017450002030	CRYSTAL 4.500MHz HC-49/U	SW420	41-180010030020	PUSH SWITCH 7x7mm
ZD201	12-011560320121	ZENER DIODE 5.6V 1/2W	ZD401	12-011510320121	ZENER DIODE 5.1V 1/2W
DISPLAY PCB ASSY			ZD402	12-011560320121	ZENER DIODE 5.6V 1/2W
77	05-04A160000000	DISPLAY BOARD ASSY		13-011292121020	LED LAMP (MICRO) (RED)
CN10A	43-012100229120	SMD FFC.WAFER 1mm 29P 180C		17-05FM60380011	OP SENSER FM-6038TM2-5A
D57	12-1N4148000021	DIODE 1N4148		44-315320054620	4P WIRE L=200mm HSG(2)x1
D61	12-1N4148000021	DIODE 1N4148		44-315318052621	2P WIRE L=180mm HSG(2)x1
D63	12-1N4148000021	DIODE 1N4148		44-565330056620	6P SHIELD WIRE L=300mm
D65	12-1N4148000021	DIODE 1N4148		44-365310053620	3P SHIELD WIRE L=100mm
D70	12-1N4148000021	DIODE 1N4148		44-315320056621	6P WIRE L=200mm HSG(2)x1
D72	12-1N4148000021	DIODE 1N4148			

PARTS LIST

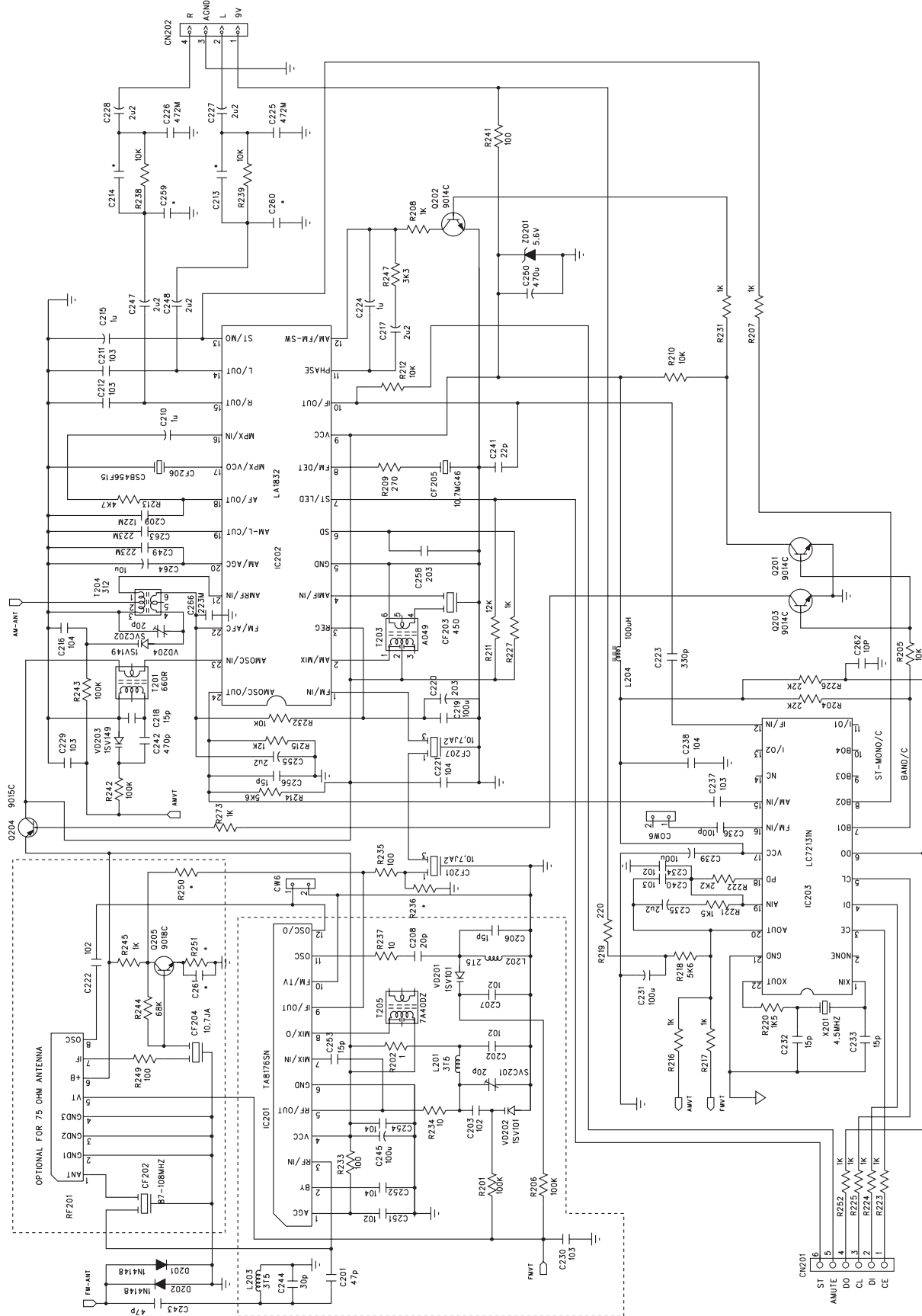
REF NO.	PART NO.	DESCRIPTION	REF NO.	PART NO.	DESCRIPTION
POWER PCB ASS'Y			Q706	11-9014C0000021	NPN TRANSISTORS 9014C
79	05-07A160000020	POWER BOARD ASS'Y	Q707	11-2SD1936T0021	TRANSISTORS 2SD1936T-SSH
C501	26-014101050121	E.CAP 1UF 50V	Q708	11-2SD1936T0021	TRANSISTORS 2SD1936T-SSH
C502	26-014101050121	E.CAP 1UF 50V	Q709	11-9014C0000021	NPN TRANSISTORS 9014C
C503	26-014101050121	E.CAP 1UF 50V	Q710	11-9014C0000021	NPN TRANSISTORS 9014C
C504	26-014101050121	E.CAP 1UF 50V	Q712	11-8550C0000021	TRANSISTORS 2W 8550C
C507	26-014101050121	E.CAP 1UF 50V	Q713	11-8550C0000021	TRANSISTORS 2W 8550C
C508	26-014101050121	E.CAP 1UF 50V	Q715	11-9014C0000021	NPN TRANSISTORS 9014C
C509	26-014101050121	E.CAP 1UF 50V	Q716	11-8050C0000021	TRANSISTORS 2W 8050C
C510	26-014101050121	E.CAP 1UF 50V	ZD701	12-012110320121	ZENER DIODE 11V 1/2W
C513	26-014101050121	E.CAP 1UF 50V	ZD702	12-011910320121	ZENER DIODE 9.1V 1/2W
C514	26-014101050121	E.CAP 1UF 50V		43-022200120120	WAFER 2mm 2P 90C
C521	26-014101050121	E.CAP 1UF 50V		43-022250140120	WAFER 2.5mm 4P 90C
C522	26-014101050121	E.CAP 1UF 50V	⚠	46-015350300010	AXIAL FUSE F3.5A/250V
C523	26-014101050121	E.CAP 1UF 50V	CD PCB ASS'Y		
C525	26-014101050121	E.CAP 1UF 50V	80	05-30A160000000	CD BOARD ASS'Y
C526	26-014101050121	E.CAP 1UF 50V	C1	26-014221051121	E.CAP 2.2UF 50V
C701	26-017330850211	E.CAP 3300UF 25V	C4	25-013220934221	CHIP CAPACITOR 22PF 50V
C702	26-017330850211	E.CAP 3300UF 25V	C9	25-015100944221	CHIP CAPACITOR 0.001UF 50V
C708	26-015471050121	E.CAP 47UF 50V	C14	26-014221051121	E.CAP 2.2UF 50V
C709	26-015471050121	E.CAP 47UF 50V	C15	25-014330934221	CHIP CAPACITOR 330PF 50V
C712	26-013221050121	E.CAP 0.22UF 50V	C16	25-016100944221	CHIP CAPACITOR 0.01UF 50V
C713	26-013221050121	E.CAP 0.22UF 50V	C17	25-016330944221	CHIP CAPACITOR 0.033UF 50V
C715	26-015471050121	E.CAP 47UF 50V	C18	25-015220944221	CHIP CAPACITOR 0.0022UF 50V
C718	38-103100050320	CHOKO COIL 10UH	C21	25-015330944221	CHIP CAPACITOR 0.0033UF 50V
C719	38-103100050320	CHOKO COIL 10UH	C23	25-015100944221	CHIP CAPACITOR 0.001UF 50V
C722	26-015471050121	E.CAP 47UF 50V	C24	25-015100944221	CHIP CAPACITOR 0.001UF 50V
C730	26-015471050121	E.CAP 47UF 50V	C25	25-015100944221	CHIP CAPACITOR 0.001UF 50V
C739	26-015471050121	E.CAP 47UF 50V	C26	25-016100944221	CHIP CAPACITOR 0.01UF 50V
CN501	43-012200160120	WAFER 2mm 6P 180C	C27	25-014820934221	CHIP CAP 820PF 50V
CN502	44-365322054620	4P SHIELD/WIRE L=220mm	C29	25-016330944221	CHIP CAPACITOR 0.033UF 50V
CN503	44-365310055621	5P SHIELD/WIRE L=100mm	C32	25-015680944221	CHIP CAPACITOR 0.0068UF 50V
CN504	44-325250058520	8P FLAT CABLE WIRE L=50mm	C33	25-012300934221	CHIP CAP 3PF 50V
CN505	44-315320052620	2P WIRE L=200mm	C34	25-016100944221	CHIP CAPACITOR 0.01UF 50V
CN701	44-316316054420	4P WIRE L=160mm	C35	26-014471051121	E.CAP 4.7UF 50V
CN702	44-315315054620	4P WIRE L=150mm	C38	25-015100944221	CHIP CAPACITOR 0.001UF 50V
D8	12-1N5822000021	RECTIFIER DIODE 1N5822 3A	C40	25-013330934221	CHIP CAPACITOR 33PF 50V
D701	12-RL2020000021	RECTIFIER DIODE RL-202	C42	25-013220934221	CHIP CAPACITOR 22PF 50V
D702	12-RL2020000021	RECTIFIER DIODE RL-202	C50	26-014471051121	E.CAP 4.7UF 50V
D703	12-RL2020000021	RECTIFIER DIODE RL-202	C53	25-016470944221	CHIP CAPACITOR 0.047UF 50V
D704	12-RL2020000021	RECTIFIER DIODE RL-202	C54	25-013220934221	CHIP CAPACITOR 22PF 50V
D705	12-1N4148000021	DIODE 1N4148	C55	25-013220934221	CHIP CAPACITOR 22PF 50V
D706	12-1N4148000021	DIODE 1N4148	C58	26-014101051121	E.CAP 1UF 50V
D708	12-1N4001000021	RECTIFIER DIODE 1N4001 1A	C59	25-013220934221	CHIP CAPACITOR 22PF 50V
IC501	16-LC7534200021	IC LC75342	C60	25-013220934221	CHIP CAPACITOR 22PF 50V
IC701	16-BA5417000021	IC BA5417	CN1	43-022200150120	WAFER 2mm 5P 90C
IC702	16-MC34063A0021	IC MC34063A	CN2	43-022100216120	F.F.C.WAFER 1mm 16P 90C
L701	38-104230050020	CHOKO COIL 230UH	CN3	43-012200160120	WAFER 2mm 6P 180C
L702	38-103200050020	CHOKO COIL 20UH	CN4	43-012200120120	WAFER 2mm 2P 180C
Q501	11-9014C0000021	NPN TRANSISTORS 9014C	CN5	43-012200130120	WAFER 2mm 3P 180C
Q502	11-9014C0000021	NPN TRANSISTORS 9014C	CN6	43-012200160120	WAFER 2mm 6P 180C
Q503	11-9014C0000021	NPN TRANSISTORS 9014C	CN7	43-022200170120	WAFER 2mm 7P 90C
Q504	11-9014C0000021	NPN TRANSISTORS 9014C	CN8	43-012200180120	WAFER 2mm 8P 180C
Q505	11-2SD1936T0021	TRANSISTORS 2SD1936T-SSH	CN9	43-022200130120	WAFER 2mm 3P 90C
Q506	11-2SD1936T0021	TRANSISTORS 2SD1936T-SSH	CN10	43-022100229120	F.F.C.WAFER 1mm 29P 90C
Q507	11-2SD1936T0021	TRANSISTORS 2SD1936T-SSH	CN11	43-012200120120	WAFER 2mm 2P 180C
Q701	11-9015C0000021	PNP TRANSISTORS 9015C	D1	12-1N5819000021	RECTIFIER DIODE 1N5819
Q703	11-8050C0000021	TRANSISTORS 2W8050C	D3	12-1N4148000021	DIODE 1N4148
Q704	11-KSB772YS0021	TRANSISTORS KSB772YS			

PARTS LIST

REF NO.	PART NO.	DESCRIPTION	REF NO.	PART NO.	DESCRIPTION
D9	12-1N4148000021	DIODE 1N4148	R37	21-203510062225	CHIP RESISTORS 10K 1/16W
D10	12-1N4148000021	DIODE 1N4148	R41	21-203222062225	CHIP RESISTORS 22 1/16W
D11	12-1N4148000021	DIODE 1N4148	R42	21-203447062225	CHIP RESISTORS 4.7K 1/16W
D12	12-011390320121	ZENER DIODE 3.9V 1/2W	R43	21-203210062225	CHIP RESISTORS 10 1/16W
D13	12-1N4148000021	DIODE 1N4148	R45	21-203510062225	CHIP RESISTORS 10K 1/16W
D19	12-1N4148000021	DIODE 1N4148	R48	21-203510062225	CHIP RESISTORS 10K 1/16W
D20	12-011390320121	ZENER DIODE 3.9V 1/2W	R49	21-203547062225	CHIP RESISTORS 47K 1/16W
D24	12-011390320121	ZENER DIODE 3.9V 1/2W	R50	21-203210062225	CHIP RESISTORS 10 1/16W
IC1	16-S5L9290X0221	IC S5L9290X02-E0R0	R56	21-203510062225	CHIP RESISTORS 10K 1/16W
IC2	16-S1L9226X0021	IC S1L9226X01-QORO	R57	21-203510062225	CHIP RESISTORS 10K 1/16W
IC7	16-S3C825A00021	IC S3C825AX25-QWRA	R72	21-203415062225	CHIP RESISTORS 1.5K 1/16W
IC9	16-KA9259HD0021	IC KA9259HD	R73	21-203522062225	CHIP RESISTORS 22K 1/16W
L1	38-014100050120	AXIAL INDUCTOR 100UH 275mA	R74	21-203710062225	CHIP RESISTORS 1M 1/16W
L2	38-014100050120	AXIAL INDUCTOR 100UH 275mA	R78	21-203312062225	CHIP RESISTORS 120 1/16W
L3	38-014100050120	AXIAL INDUCTOR 100UH 275mA	X1	31-048169300120	RESONATOR ZTT16.93MX
Q1	11-9015C0000021	PNP TRANSISTORS 9015C	X2	31-017800002010	CRYSTAL 8.0MHZ HC-49/U
Q2	11-9014C0000021	NPN TRANSISTORS 9014C	X3	31-015320003310	CRYSTAL 32.768KHZ
Q3	11-9014C0000021	NPN TRANSISTORS 9014C		44-315316053620	3P WIRE L=160mm HSG(2)x1
Q4	11-9014C0000021	NPN TRANSISTORS 9014C		44-315310053620	3P WIRE L=100mm HSG(2)x1
Q5	11-8550C0000021	TRANSISTORS 2W8550C		44-022280079020	29P FLAT FLEX CABLE L=80
Q7	16-LM78L05A0021	IC LM78L05A		44-315322052621	2P WIRE L=220mm
Q9	11-9014C0000021	NPN TRANSISTORS 9014C		44-515310056620	6P WIRE L=100mm
R2	21-203547062225	CHIP RESISTORS 47K 1/16W		44-022315066020	16P FLAT FLEX CABLE L=150
R3	21-203612062225	CHIP RESISTORS 120K 1/16W		44-315340052620	2P WIRE L=400mm
R4	21-203547062225	CHIP RESISTORS 47K 1/16W		44-316317052520	2P WIRE L=170mm
R5	21-203547062225	CHIP RESISTORS 47K 1/16W			
R6	21-203622062225	CHIP RESISTORS 220K 1/16W			
R7	21-203610062225	CHIP RESISTORS 100K 1/16W			
R8	21-203410062225	CHIP RESISTORS 1K 1/16W			
R9	21-203515062225	CHIP RESISTORS 15K 1/16W			
R10	21-203547062225	CHIP RESISTORS 47K 1/16W			
R11	21-203615062225	CHIP RESISTORS 150K 1/16W			
R12	21-203568062225	CHIP RESISTORS 68K 1/16W			
R13	21-203410062225	CHIP RESISTORS 1K 1/16W			
R14	21-203210062225	CHIP RESISTORS 10 1/16W			
R15	21-203568062225	CHIP RESISTORS 68K 1/16W			
R16	21-203510062225	CHIP RESISTORS 10K 1/16W			
R17	21-203510062225	CHIP RESISTORS 10K 1/16W			
R18	21-203233062225	CHIP RESISTORS 33 1/16W			
R20	21-203456062225	CHIP RESISTORS 5.6K 1/16W			
R21	21-203510062225	CHIP RESISTORS 10K 1/16W			
R22	21-203518062225	CHIP RESISTORS 18K 1/16W			
R23	21-203522062225	CHIP RESISTORS 22K 1/16W			
R24	21-203710062225	CHIP RESISTORS 1M 1/16W			
R25	21-203610062225	CHIP RESISTORS 100K 1/16W			
R26	21-203547062225	CHIP RESISTORS 47K 1/16W			
R27	21-203547062225	CHIP RESISTORS 47K 1/16W			
R28	21-203447062225	CHIP RESISTORS 4.7K 1/16W			
R29	21-203482062225	CHIP RESISTORS 8.2K 1/16W			
R30	21-203547062225	CHIP RESISTORS 47K 1/16W			
R31	21-203568062225	CHIP RESISTORS 68K 1/16W			
R32	21-203547062225	CHIP RESISTORS 47K 1/16W			
R33	21-203610062225	CHIP RESISTORS 100K 1/16W			
R34	21-203247062225	CHIP RESISTORS 47 1/16W			

SHEMATIC DIAGRAM

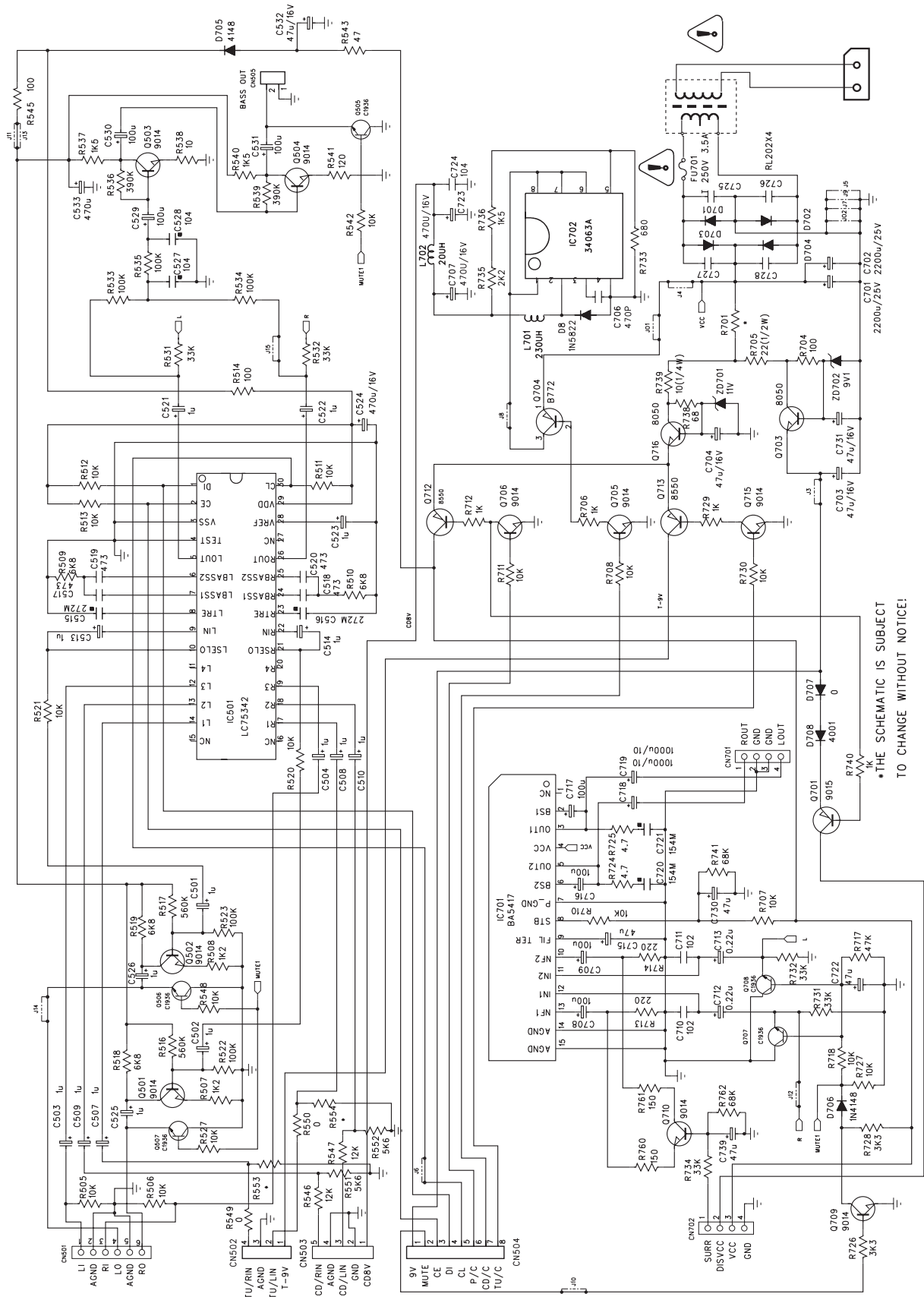
1. RADIO PCB

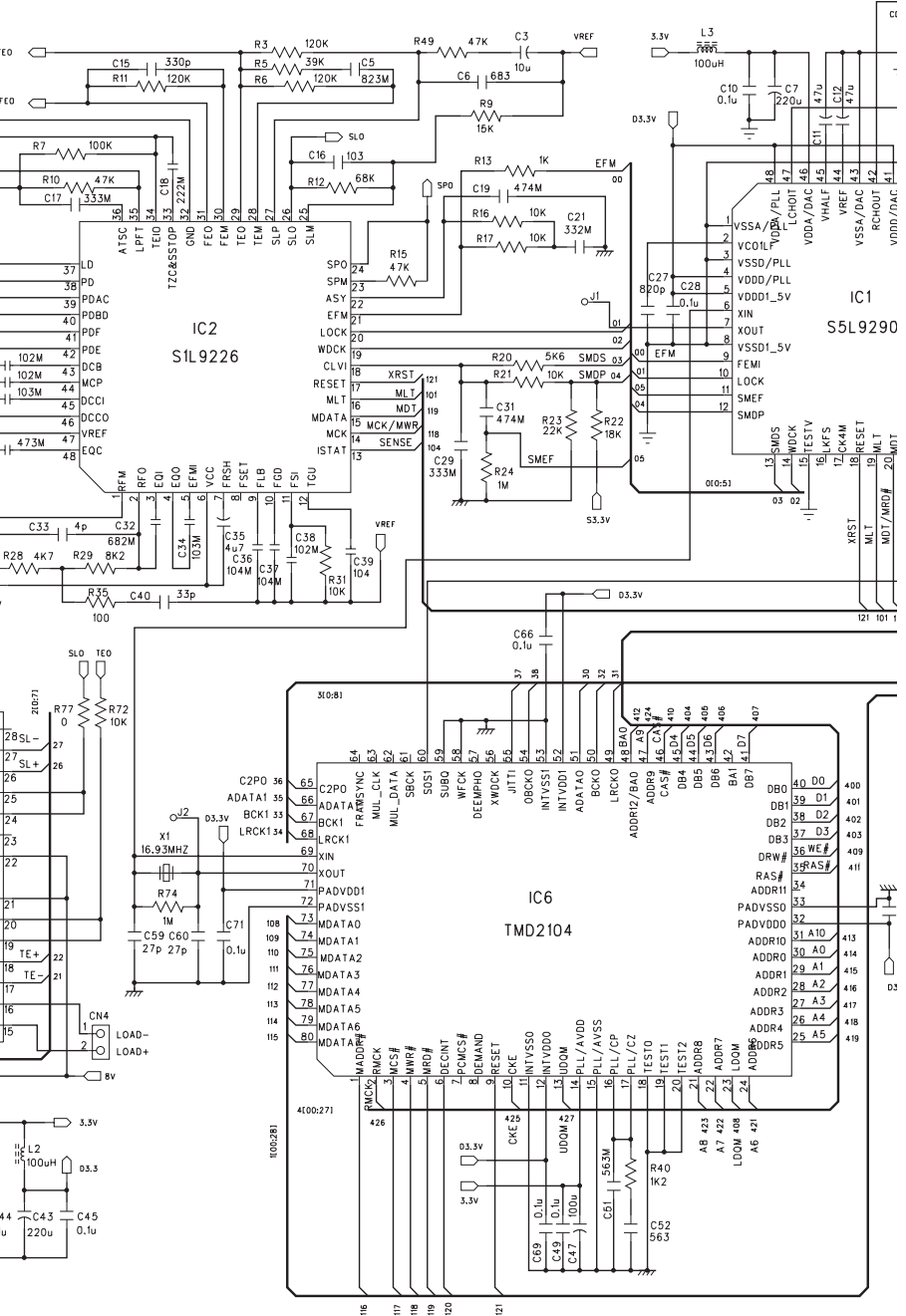




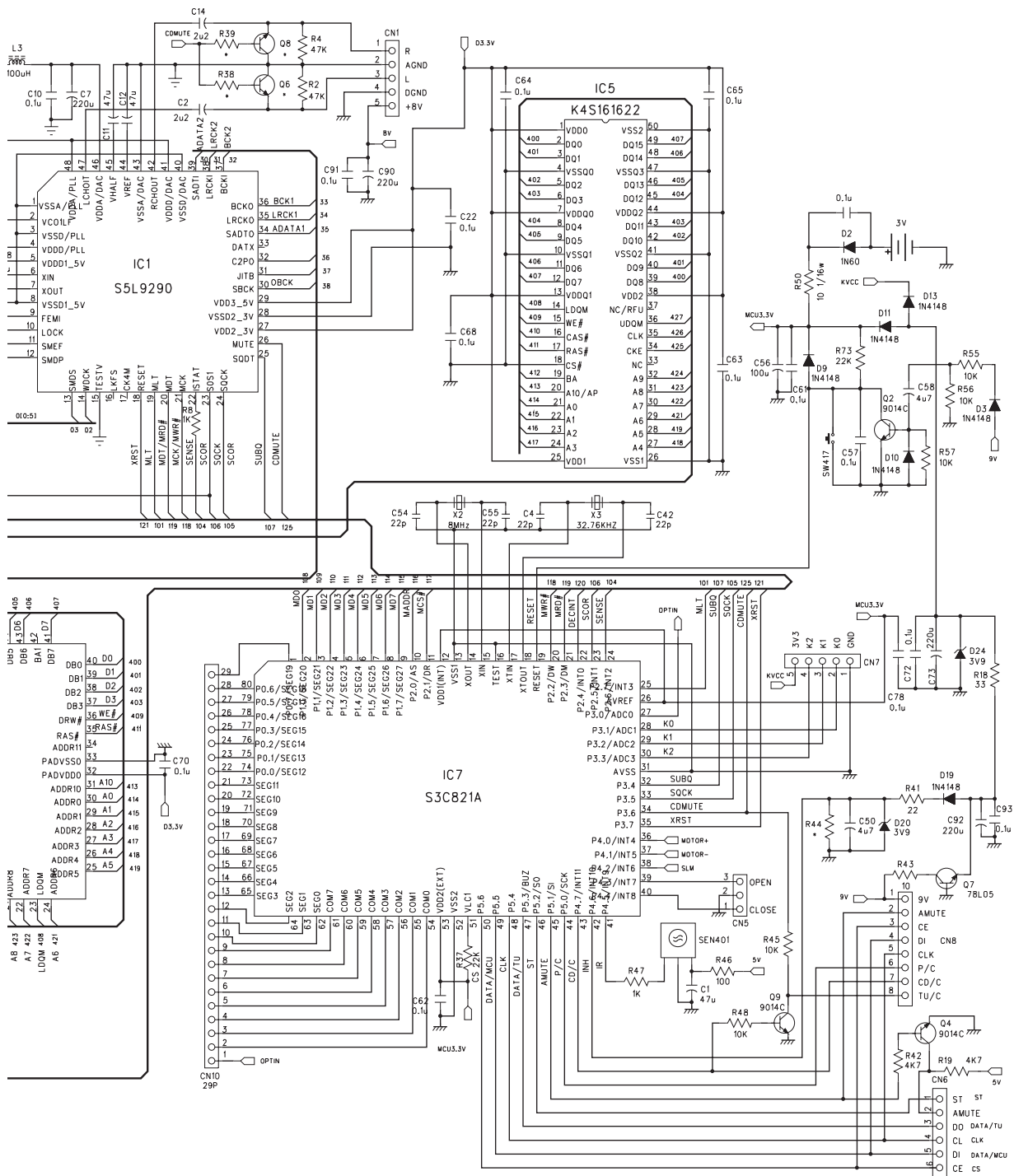
SHEMATIC DIAGRAM

3. POWER PCB

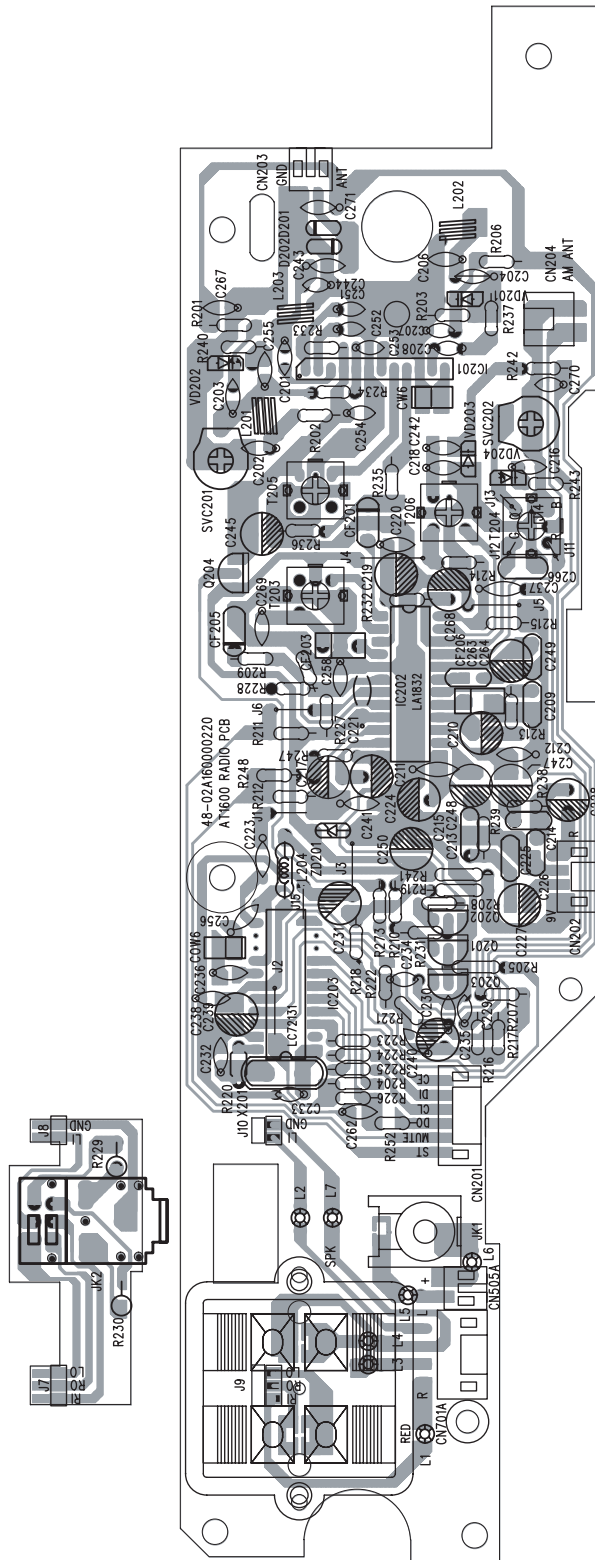


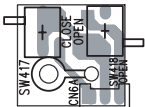


5. CD PCB (2/2)



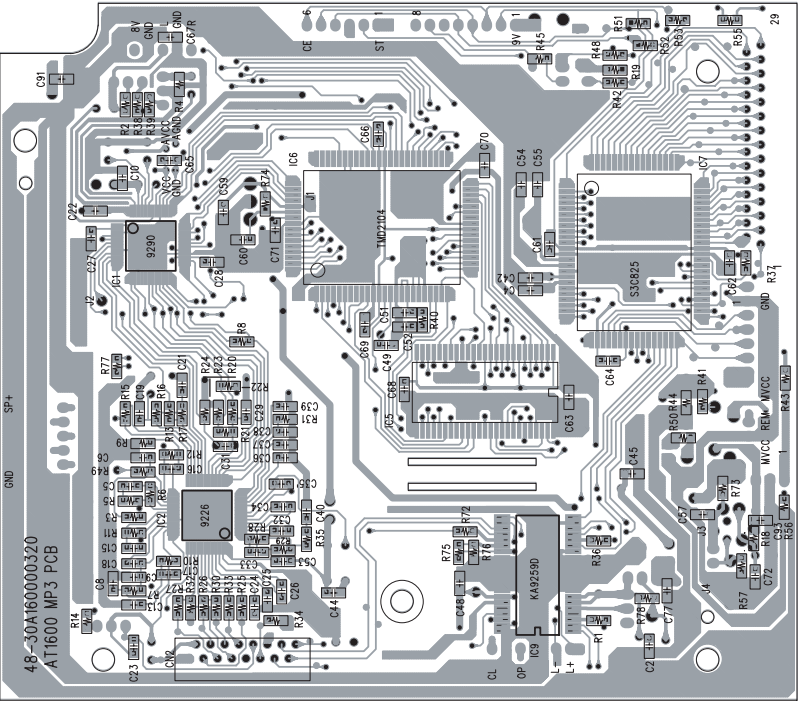
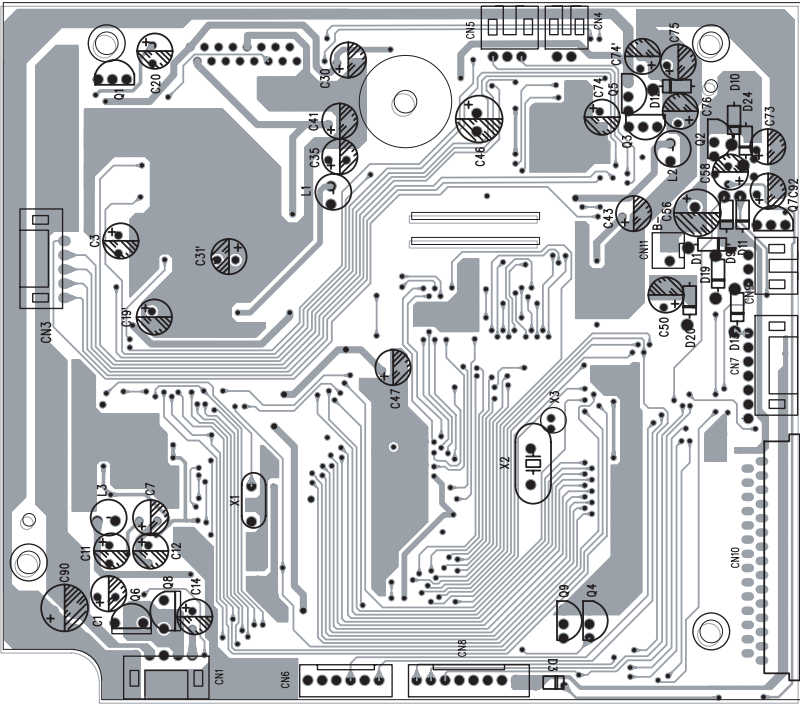
1. RADIO PCB





WIRING DIAGRAM

3. CD PCB



WIRING DIADRAM

4. POWER PCB

