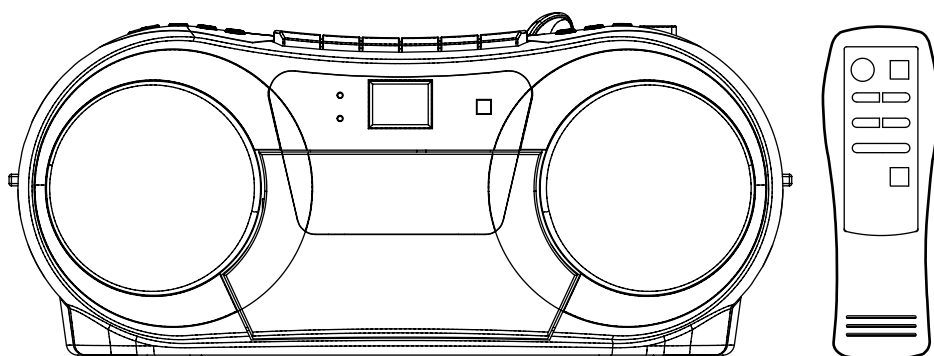


Service Manual

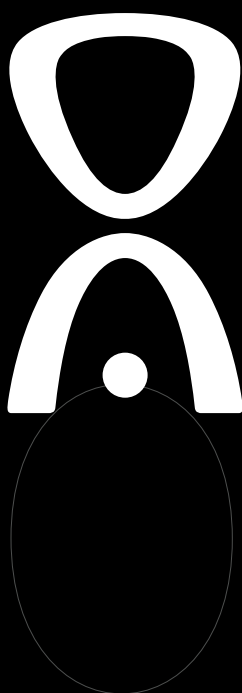
Portable Radio Cassette
with CD/MP3/USB/Card Slot Player

TP-605GUC



DAT H.K. LIMITED

DAEWOO
DAEWOO ELECTRONICS EUROPE GmbH



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MODEL NUMBER:	UC966DR(2W)
CUSTOMERS MODEL NUMBER:	TP-605GUC
BRAND:	
TYPE OF SET:	PORTABLE RADIO CASSETTE WITH CD/MP3/USB/CARD SLOT PLAYER
DATE:	15/4/2006

STANDARD TEST CONDITIONS

SUPPLY VOLTAGE:	DC: _____ V,	AC: _____ 230 _____ V,	_____ 50 _____ Hz
REFERENCE OUTPUT POWER:	_____ 50 _____ MW	INTO	_____ 4 _____ OHM LOAD
AM ANTENNA:	_____ IRE LOOP ANT. _____		
AM STANDARD SIGNAL:	_____ 400 _____ Hz ,	_____ 30% _____	MODULATION
FM ANTENNA:	_____ 75 _____ OHMS ,	_____ UN _____	BALANCED
FM STANDARD SIGNAL MONO:	_____ 1 _____ KHz ,	_____ 22.5 _____ KHz	DEVIATION
FM STANDARD SIGNAL (STEREO):	_____ 1 _____ KHz ,	_____ 75 _____ KHz	DEVIATION

1 UV= 1 UV= 0 dB FOR RADIO FREQUENCY

1 V = 1 V = 0 dB FOR AUDIO FREQUENCY

ELEC ENCR: _____ APPROVER: _____ MANAGER: _____.

AM PERFORMANCE SPECIFICATIONS (MW)

No.	Test Items	Unit	Nominal	Limit	Remark1
1	Intermediate frequency	KHz	465	+/-3	
2	Tuning range	KHz	520-1630		
3	Dial calibration 612KHz	KHz			
	1404KHz	KHz			
4	MAX SENS 612KHz	dB/M			
	999KHz	dB/M			
	1404KHz	dB/M			
5	20 dB quieting 612KHz	dB/M	58	66	
	999KHz	dB/M	58	64	
	sensitivity 1404KHz	dB/M	58	64	
6	IF rejection 612KHz	dB	45	35	
7	Image rejection 1404KHz	dB	35	30	
8	S/N ratio 5mV/M input	dB	35	30	
9	AGC figure of merit 100mV/M	dB	45	35	
10	A.C.A at 20dB S/N +/-10KHz	dB	20	14	
11	-6dB band width at 20 dB S/N	KHz	8	5-10	
12	T.H.D 5mV/M 30% mod	%	1	3	
	100mV/M 80% mod	%	3	5	
13	Modulation hum 100mV/M	dB	40	35	
14	Frequency response -6dB low	Hz	60	100	
	400 Hz=0dB, 5mV/M high	Hz	2200	1800	
15	Output power %mod, 5mV/M	W			
16	10% THD power 80% mod, 5mV/M	W	2	1.8	
17	Hum & Noise level VR min	mV	3	5	
18	Whistle at 5mV/M IFX2, FIX3	%			
19	Spurious response at 1400 KHz				
	2.5 MHz - 10MHz	dB			
20	AM signal meter 5mV/M	%			
21	Record beat 5mV/M	%			
22	FAIL OUT VOLTAGE (DC)	V			
23	SEEK SENSITIVITY	db/M			

FM PERFORMANCE SPECIFICATIONS

No.	Test Items	Unit	Nominal	Limit	Remark1
1	Intermediate frequency	MHz	10.7	+/-0.1	
2	Tuning range	MHz	87.35-108.25	+/-0.15 '+/-0.25	
3	Dial calibration 90MHz	KHz			
	106MHz	KHz			
4	MAX SENS 90KHZ	uV			
	98MHz	uV			
	106MHz	uV			
5	30 dB quieting 90MHz	uV	10	20	
	98MHz	uV	10	20	
	sensitivity 106MHz	uV	10	20	
6	IF rejection 90MHz	dB	50	45	
7	Image rejection 106MHz	dB	25	20	
8	S/N ratio 1mV input 22.5 KHz dev	dB	40	35	
9	3 dB limiting sensitivity	uV	10	20	
10	T.H.D 22.5 KHz dev	%	0.65	1.5	
11	AM suppression	dB	32	26	
12	Modulation hum 100mv 22.5KHz dev	dB	40	35	
13	AFC hold rang - 3 dB 1 mV	KHz	300	200~400	
14	Frequency response -3dB	Hz	60	100	
		KHz	5	3.5	
15	Overload break	mV			
16	Output power 32 KHz dev 1mV	W			
17	10% THD power 75KHz dev. 1mV	W	2	1.8	
18	Hum & Noise level	mV	3	5	
19	Spurious response	dB			
20	Muting on level	uV			
21	Muting bandwidth	KHz			
22	Alternate channel selectivity 0.1 mV input +/- KHz	dB			
23	Capture ration 1mV	dB			
24	FAIL OUTPUT VOLTAGE (DC)	V			
	SEEK SENSITIVITY	db			

FM PERFORMANCE SPECIFICATIONS

NO.	Test items	Unit	Norminal	Limit	Remark1
25	MPX indicator sens.	uV	10	20	
26	MPX separation	100Hz			W/Z 19KHz FILTER
		1k Hz	26	22	
		10K Hz			
27	MPX T.H.D. Main 400 Hz L. or R. 1K Hz	%	2	4	W/Z 19KHz FILTER
		%	2	4	
4	MAX 50dB quieting				
28	Sensitivity 98MHz	dB			
28	MPX S/N ratio	dB	35	28	W/Z 19KHz FILTER
30	FM signal meter	%			
31	SCA Signaln Suppression	dB			

CASSTETTE (MAGNET ERASE)

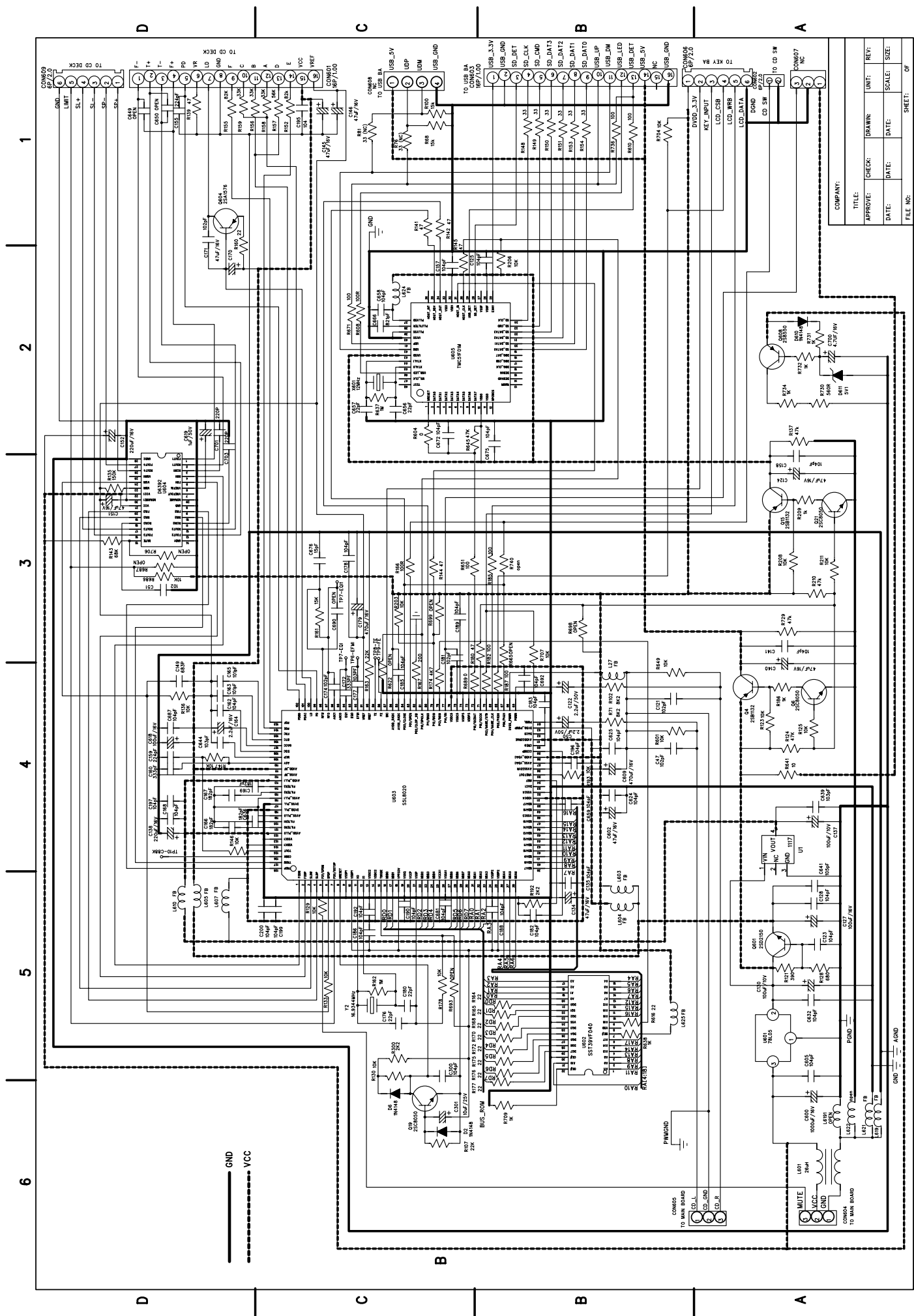
NO.	Test items	Unit	Nominal	Limit	Remark1
1	Tape speed B-111N	%	3000 Hz	+3,-2	
2	Wow & Flutter WRMS JIS B-111N	%	0.1	0.35	
3	Distortion B-118N	%	1	3	
4	S/N ratio B-112S	dB	45	40	
5	Cross talk B-121N	dB	35	28	
6	Separation B-141N	dB	30	25	
7	Hum & noise VR Max	mV	40	70	
8	Hum & noise VR min	mV	3	5	
9	Frequency response 125 Hz	dB	0	+/-4	
	1000 Hz	dB	0	0	
	Play Back (B-257) 6300 Hz	dB	0	+/-4	
10	Output level	mV			
11	10% THD power B-112BN	W	2	1.8	
12	Max power B-112BN	W			
13	S/N Recording/P.B. Normal	dB	30	25	
	at -62 dbv, 1k Hz Cro2	dB			
	CD PLAY, SONY 3 - 16 Matal	dB	N		
14	Erase ratio Normal	dB	30	25	
	at -59 dbv, 1k Hz Cro2	dB			
	CD PLAY, SONY 3 - 16 Matal	dB			
15	Rec/P.B. Level Normal	dB	0	+/-3	REF:B-212
	at -66 dbv, 1k Hz Cro2	dB			
	CD PLAY, SONY 3 - 18 Matal	dB			
16	Line input sensitivity	dB			
17	Mic input sensitivity	dB			
18	Peak level 1	dB			
	Peak level 2	dB			
19	Frequency response Rec./P. 125 Hz	dB	0	+/-6	
	Recording level (B-257) 1000Hz	dB	0	0	
	CD PLAY, SONY3 7000Hz	dB	0	+/-6	
20	Rec./ P.B. distorion Normal	%	5	8	
	-66 dBV, 1K Hz Cr02	%			
	CD PLAY, SONY 3-18 Metal	%			
21	AIC Rec. /P.B. distortion -56 dbv input 1K Hz CD PLAY, SONY 3-14	%			
22	FAIL OUTPUT VOLTAGE (DC)	V			
	(AC)	%			

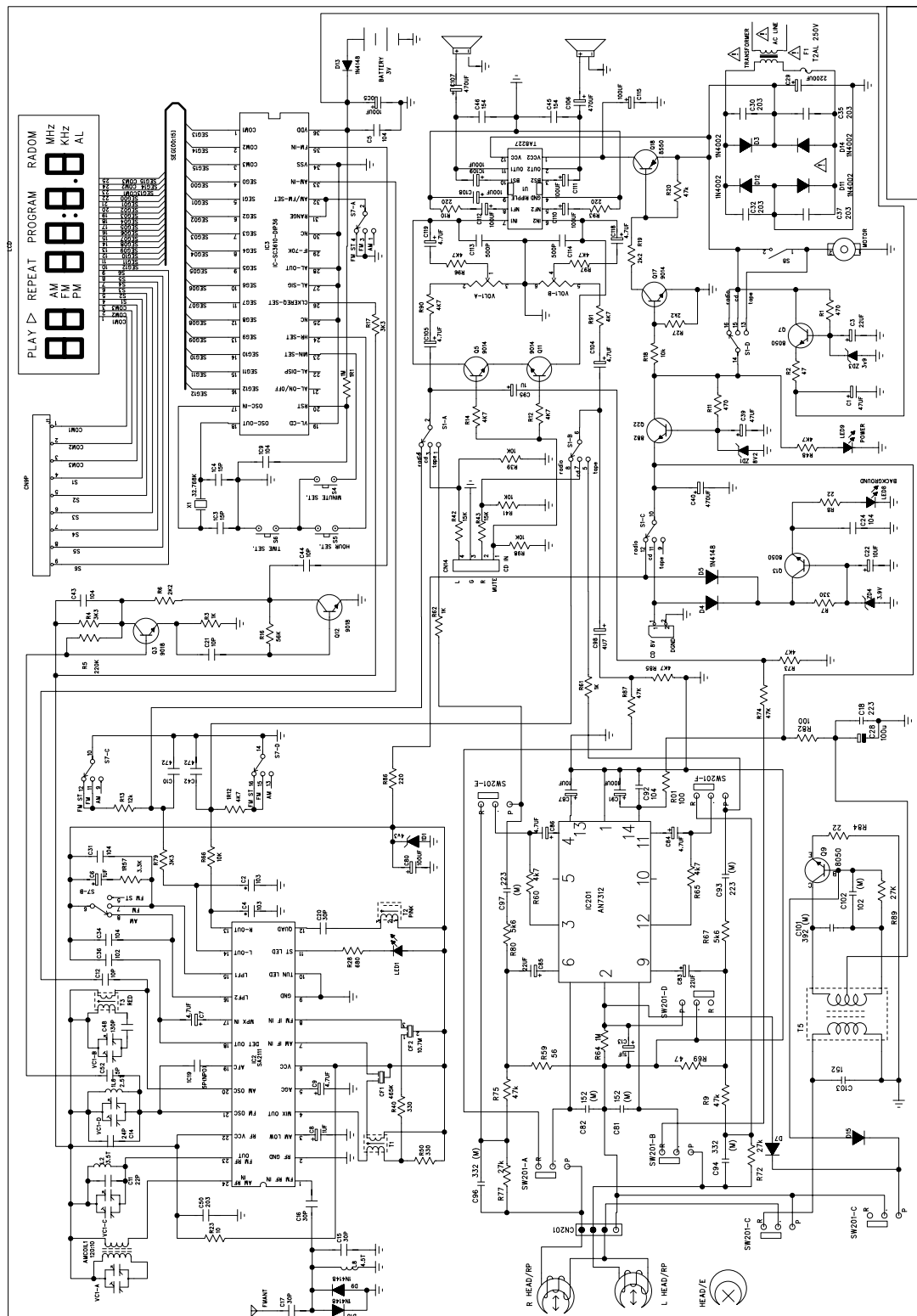
(CD BUIDE IN) (TEST AT SPKD OUTPUT)

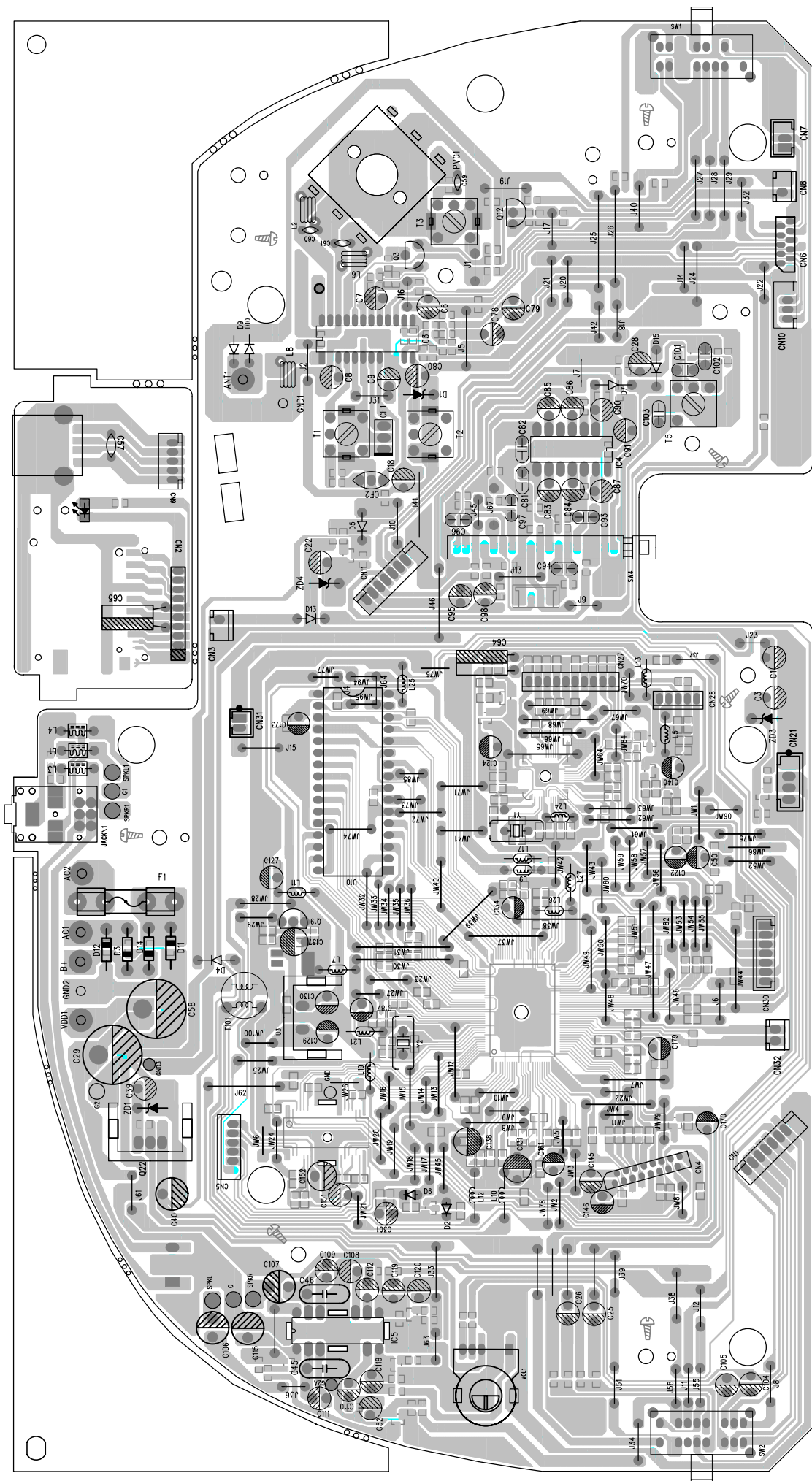
NO.	Test items	Unit	Nominal	Limit	Remark1
1	LEVEL 0dB TRACK 1,3,11 FREQUENCY RESPONSE 40 - 15KHz	dB dB	0.5	+/-3.5	
2	LEVEL 0dB TRACK 30,34 CHANNEL SEPARATION 1KHz	dB	40	35	JIS A NET IN
3	LEVEL 0dB TRACK 14 TOTAL HARMONNIC DISTORTION	%	1	3	JIS A NET IN
4	LEVEL 0dB TRACK 1, 23 S/N RATIO	dB	55	50	JIS A NET IN
5	Hum & Noise VR Max	mV	8	12	
	Hum & Noise VR min		3	5	
6	CD SAME VOL	dB			
	PLAYABILITY				
NO	TEST ITEMS	TEST DISC			
1	DEFECT DISC INTERRUPTION INFORMATION LAYER	PHILIPS 444A 600um	PLAYABLE WITHOUT ANY AUDIBLE ERROR		
2	BLACK DOT AT READ OUT SIDE	PHILIPS 444A 600um	PLAYABLE WITHOUT ANY AUDIBLE ERROR		
3	SIMULATED FINGERPRINT	PHILIPS 444A TRACK 18/19	PLAYABLE WITHOUT ANY AUDIBLE ERROR		
1	Test Items	Unit	Norminal	Limit	Remark1
TEST DISC TYPE 3 (SONY YEDS -)					

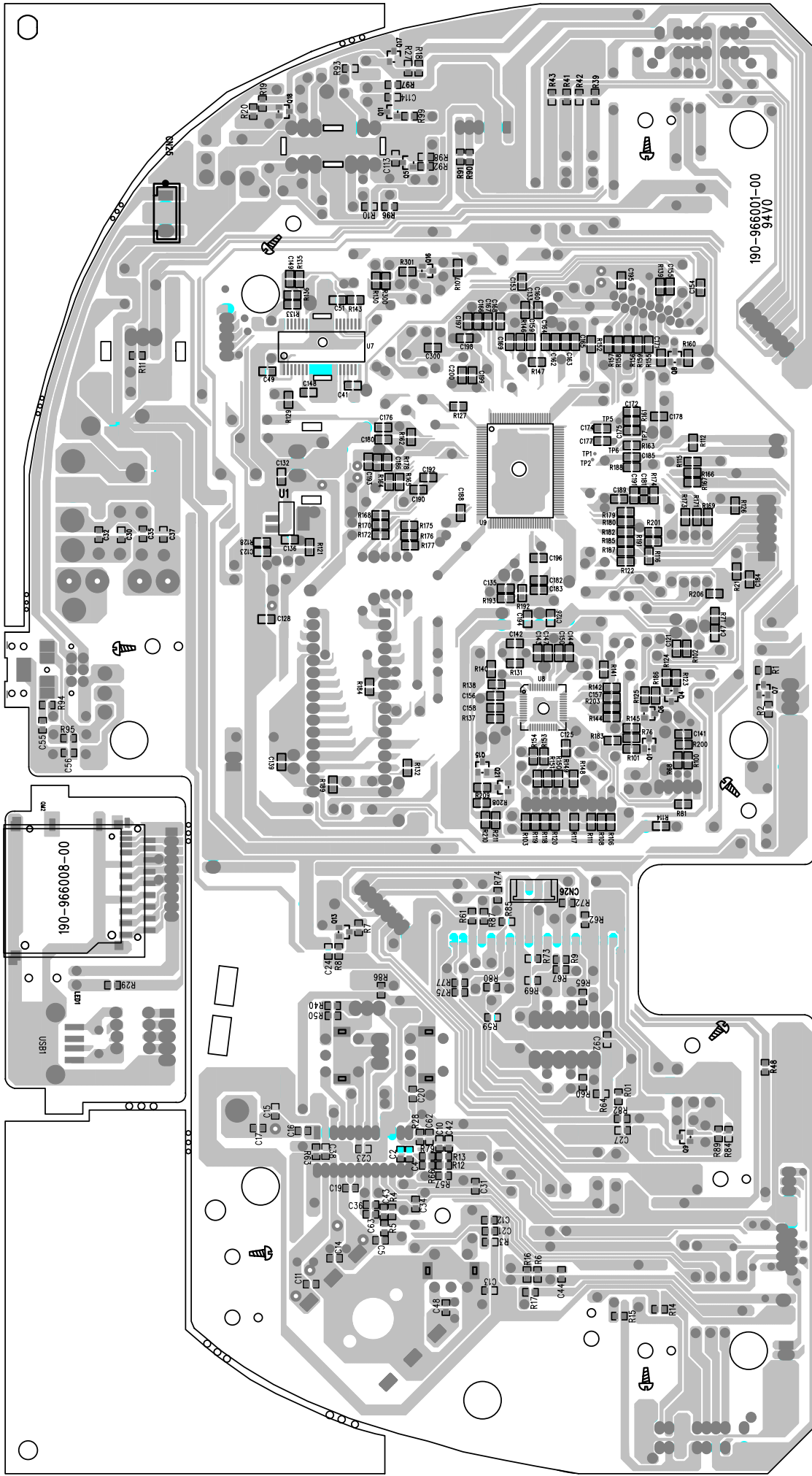
AUDIO LEVEL BALANCE

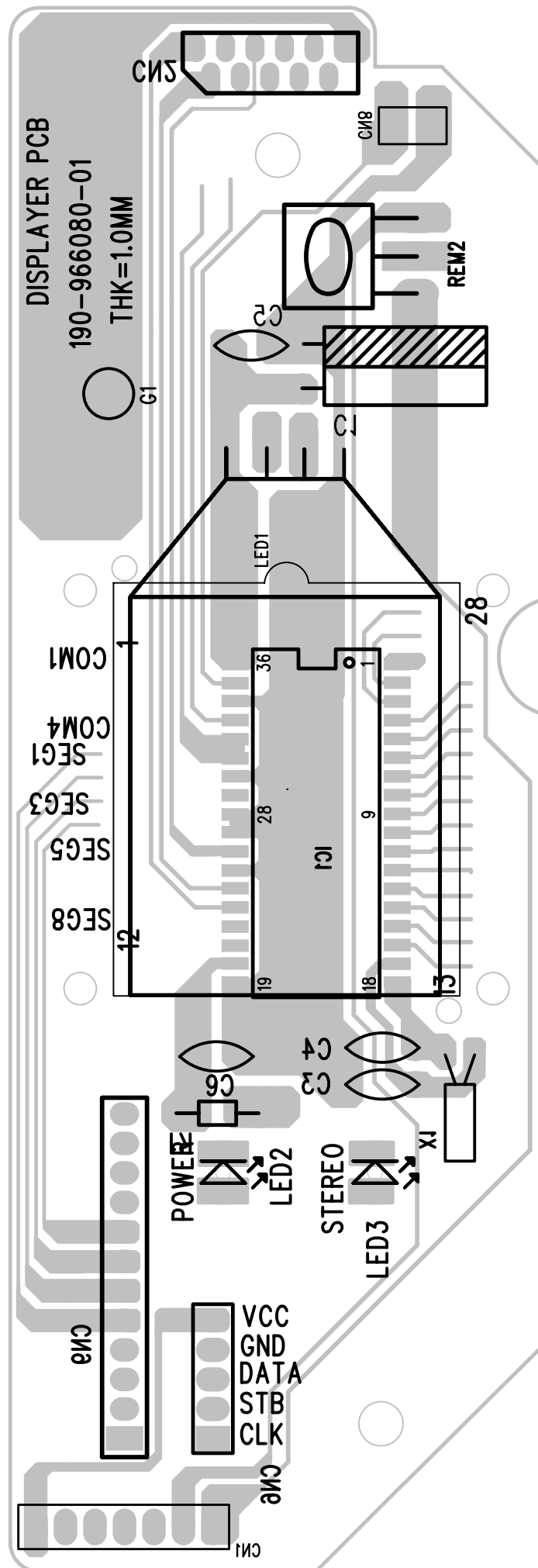
No.		Unit	Norminal	Limit	Remark0
	<u>FM 1000uV 22.5K DEV.</u>	dB	0	0	
	FM FUNC.1mV <u>AM 5mV/M30%MOD</u>	dB	0	+/-3	
	22.5KHz DEV <u>TAPE - 10dB 1KHz MTT-118</u>	dB	0	+/-3	
	(FM LEVEL 0dB) <u>CD-10 dB RECORDING LEVEL</u>	dB	+3	+/-3	

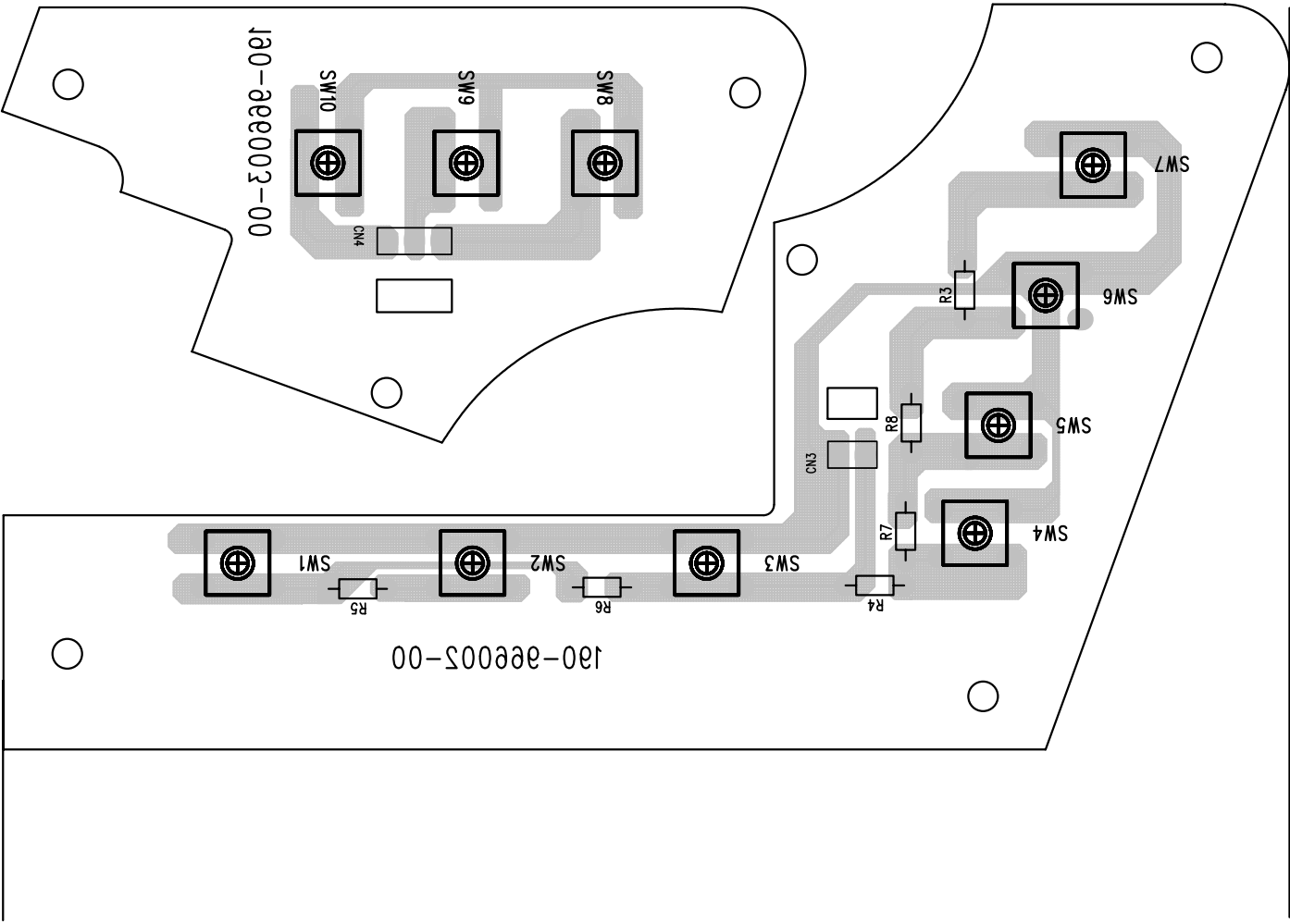












WIRING CONNECT DIAGRAM

WIRING CONNECT DIAGRAM

AC IN

TRANSFORMER

SPK L

SPK R

CD DEDK

CD DOOR SW.

BATTERY

MOTOR

VOLUME

SW2

DISPLAY P-8
190-866580-01
TIN-1.0MM

CN1

CN3

CN4

CN7

CN8

CN21

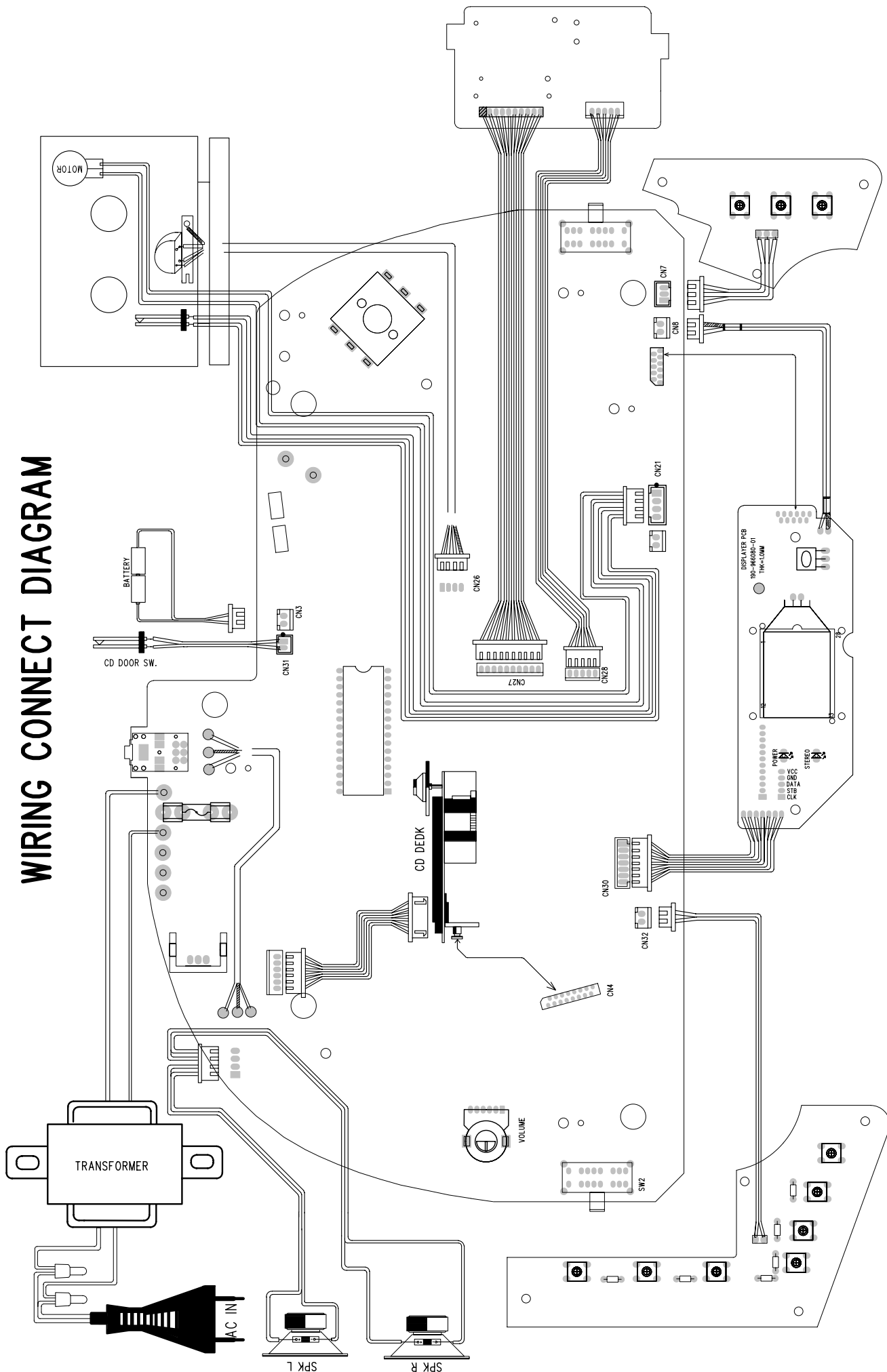
CN26

CN27

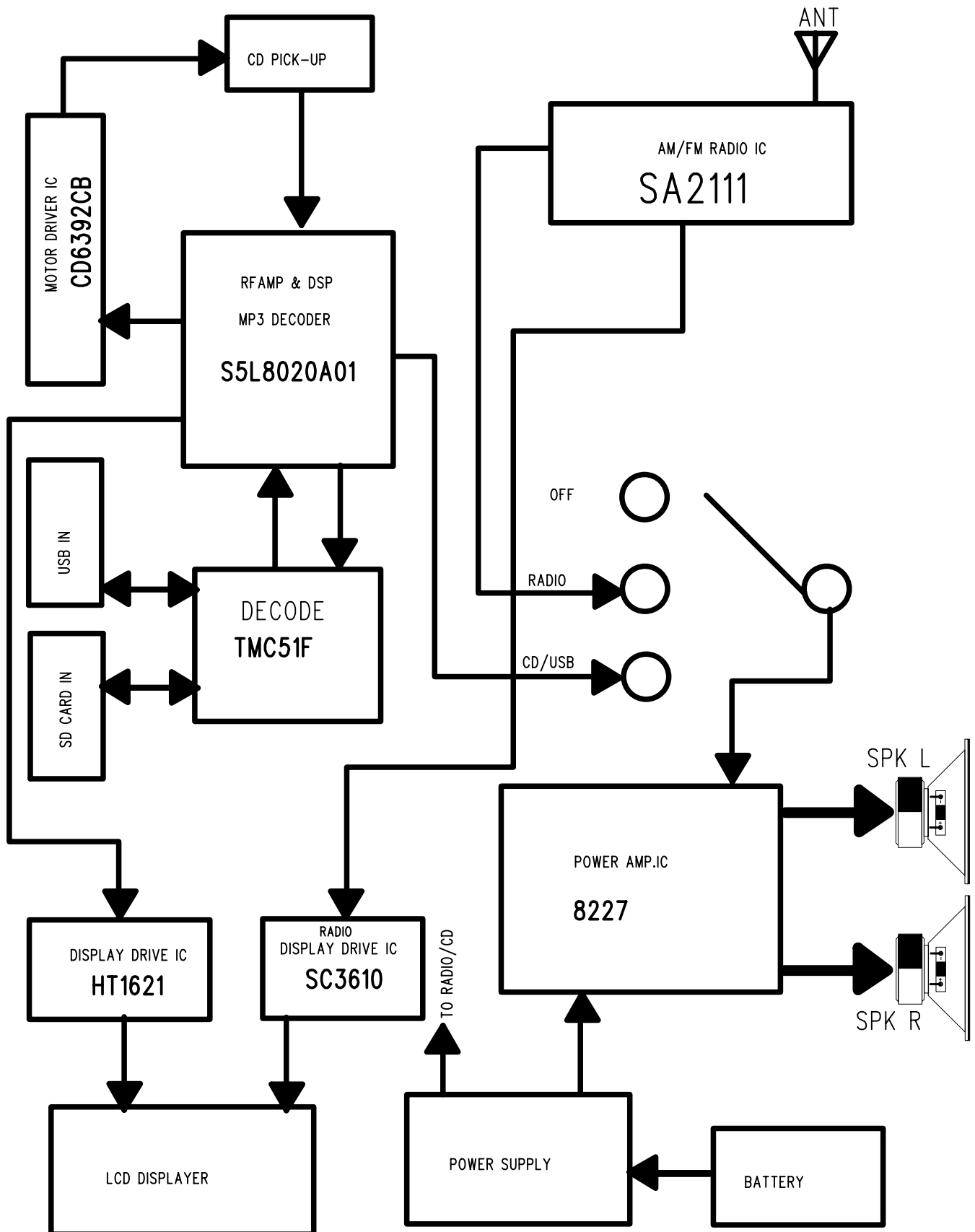
CN28

CN30

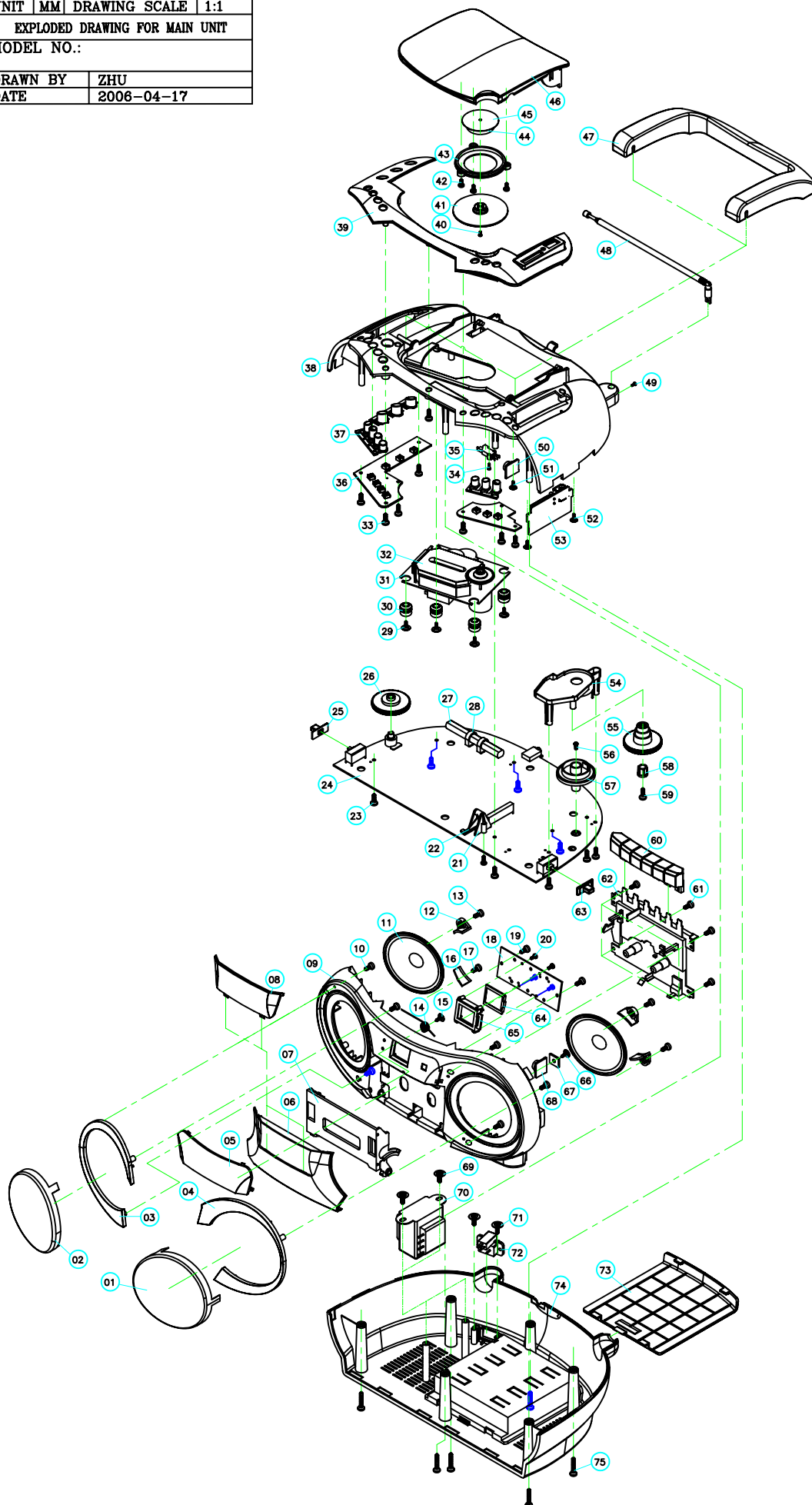
CN32



BLOCK DIAGRAM



UNIT	MM	DRAWING SCALE	1:1
EXPLODED DRAWING FOR MAIN UNIT			
MODEL NO.:			
DRAWN BY	ZHU		
DATE	2006-04-17		



76	SCREW 3*12PA	6
75	BOTTOM CABINET	1
74	BATTERY DOOR	1
73	AC JACK	1
72	SCREW 3*8PWA	2
71	TRANSFORMER	1
70	SCREW 3*10PWA	2
69	DAMPER GEAR GROUP	1
68	PCB PRESS PLATE	1
67	SCREW 2.6*10PWA	1
66	LCD HOLDER	1
65	LCD	1
64	FUNCTION KNOB-R	1
63	CASS DECK	1
62	SCREW 3*8PA	4
61	CASS KNOB	1
60	SCREW 3*8PA	1
59	TUNING KNOB SHAFT	1
58	TUNING KNOB GEAR	1
57	SCREW 2.6*6BM	1
56	TUNING KNOB	1
55	TUNING KNOB HOLDER	1
54	USB PCB ASS'Y	1
53	SCREW 2.6*8PWA	2
52	SCREW 2.6*8PWA	1
51	DAMPER GEAR Goup	1
50	SCREW 3*8BM	1
49	ANTENNA	1
48	HANDLE	1
47	CD DOOR	1
46	IRON PIECE	1
45	MAGNET	1
44	MAGNET HOLDER	1
43	SCREW 3*8PA	3
42	CD DRUM BRACKET	1
41	SCREW 2*8PM	1
40	SMALL PANEL	1
39	CD BASE	1
38	CD KNOB ASS'Y	1
37	KEY PCB ASS'Y	1
36	CD LEAF SWITCH	1
35	SCREW 2*12PA	1
34	SCREW 3*8PA	6
33	DUST COVER	1
32	CD DECK	1
31	CD RUBBER CUSHION	4
30	SCREW 2.6*10PWA	4
29	FERRITE BAR HOLDER	1
28	FERRITE BAR	1
27	VOLUME KNOB	1
26	FUNCTION KNOB-L	1
25	MAIN PCB ASS'Y	1
24	SCREW 3*8PA	9
23	RECORD ROCKER	1
22	RECORD ROCKER HOLDER	1
21	SCREW 2.6*8PA	4
20	SCREW 3*8PA	2
19	DISPLAY PCB ASS'Y	1
18	SCREW 3*8PA	2
17	SPEAKER BKT-R	2
16	SCREW 2.6*8PWA	1
15	CASS DOOR SPING	1
14	SCREW 3*8PA	2
13	SPEAKER BKT-L	2
12	SPEAKER	2
11	SCREW 3*8PA	6
10	FRONT PANEL	1
9	CASS DOOR LENS	1
8	CASS DOOR HOLDER	1
7	CASS DOOR	1
6	DISPLAY LENS	1
5	SPEAKER ORNAMENT-R	1
4	SPEAKER ORNAMENT-L	1
3	METAL GRILL-L	1
2	METAL GRILL-R	1
ITEM	DESCRIPTION	QTY.

DAT H.K. LTD.
TP-605GUC

NO	PART NO	QTY	DESCRIPTION	中文名	
1	158-966001-00	1	966DR PM1 ASS'Y	主板组合件	
2	133-208227-14	1	I.C TA8227P	集成电路	IC5
3	133-102111-67	1	I.C SA2111	集成电路	IC3
4	133-207312-11	1	I.C AN7312	集成电路	IC4
5	133-507805-61	1	I.C KA7805	集成块	U3
6	133-008020-00	1	I.C S5L8020	集成电路	U9
7	133-0TMC51-61	1	IC TMC51F	集成电路	U8
8	133-004004-8A	1	I.C EN29LV040A-70PC	集成电路	U10
9	133-006392-18	1	I.C BA6392FP	集成电路	U7
10	133-501117-06	1	I.C AZ1117H-3.3V	集成电路	U1
11	137-169344-30	1	CRYSTAL 16.9344MHZ 金属外壳	晶振	Y2
12	137-120000-30	1	CRYSTAL 12.0000MHZ 金属外壳	晶振	Y1
13	131-240882-67	1	TRANSISTOR PS D882P	三极管	Q22
14	131-449018-07	2	TRANSISTOR S9018	三极管	Q3.12
15	131-448050-03	1	TRANSISTOR 2SD8050	三极管	Q19
16	130-134148-00	9	DIODE 1N4148 (带式)	二极管	D2.4.5.6.7.9.10.13.15.
17	130-410039-00	2	ZENER DIODE 3.9V (带式)	稳压二极管	ZD3.4
18	130-410043-00	1	ZENER DIODE 4.3V (带式)	稳压二极管	D1
19	130-410082-00	1	ZENER DIODE 8.2V (带式)	稳压二极管	ZD1
20	130-314002-00	4	DIODE 1N4002 (带式)	二极管	D3.11.12.14
21	182-222000-00	1	FUSE T2AL 250V(5*20MM)	保险丝	F1
22	733-005020-00	2	FUSE HOLDER (5*20 MM)	保险丝支架	F1
23	107-300465-14	1	CERAMIC FILTER 465KHZ (TDK)	滤波器	CF1
24	107-310700-14	1	CERAMIC FILTER 10.7 MHz(TDK-3P)	滤波器	CF2
25	102-111083-07	1	AM IFT 083B YELLOW	黄周	T1
26	102-219128-07	1	FM DET 9128 PINK	粉周	T2
27	102-819812-07	1	AM OSC 9812 RED	红周	T3
28	104-035045-08	1	FM COIL 4.5x3.5Tx0.8MM	线圈	L2
29	104-025050-08	1	FM COIL 5.0x2.5Tx0.8MM	线圈	L6
30	104-045045-08	1	FM COIL 4.5x4.5Tx0.8MM	线圈	L8
31	303-101010-00	2	SPONGE 10*10*10MM	低密度海棉	
32	120-110401-04	1	PVC AM126PF FM20PF KG2220T28 (NCE) DF443DF01-A04	可变电容	PVC 1
33	183-220080-02	1	FERRITE BAR 10 x 80MM Q2M	磁棒	
34	103-412015-13	1	AM ANT. COIL 120:15 130MMx4	A M线圈	
35	105-220101-05	13	CHOKE COIL 22UH (带式)	电感	L5.7.9.10.11.12.13.17.19.21.24.25.27.
36	184-090503-00	1	FERRITE BEAD 9*5*3mm+26UH CHOKE COIL	磁环线圈	T101
37	141-043111-11	2	SLIDE SWITCH SK43D03M11	功能开关	
38	144-062040-05	1	REC SW 6P2T PS62D04 NON-SHORTING	录放开关	SW 201 (非短路型)
39	102-819908-01	1	BIAS COIL 21364-230	偏压线圈	T5
OR	102-819908-02	0	BIAS COIL 1A1630R	偏压线圈	T5
40	161-103513-20	1	3.5JACK 5PIN TC-38-020-03	耳机插座	JACK1
41	111-36706-01	1	VOLUME F-122KGP A50K L15FX5	电位器	与CDC367同一款
42	126-102071-01	1	MYLAR CAP 0.001UF +/-20% 50V	聚脂电容	C102
43	126-152071-01	3	MYLAR CAP 0.0015UF +/-20% 50V	聚脂电容	C81.82.103.
44	126-392071-01	1	MYLAR CAP 0.0039UF +/-20% 50V	聚脂电容	C101
45	126-332071-01	2	MYLAR CAP 0.0033UF +/-20% 50V	聚脂电容	C94.96
46	126-223071-01	2	MYLAR CAP 0.022UF +/-20% 50V	聚脂电容	C93.97.
47	126-224071-01	2	MYLAR CAP 0.22UF 50V	涤纶电容	C45.46.
48	127-105078-01	3	ELE.CAP 1UF/50V +/-20%	电解电容	C6.8.90.
49	127-225078-01	3	ELE.CAP 2.2UF/50V +/-20%	电解电容	C50.122.161.
50	127-475078-01	16	ELE.CAP 4.7UF/50V +/-20%	电解电容	C7.9.25.26.52.78.79.84.86.95.98.104.105. C118.119.120.

DAT H.K. LTD.
TP-605GUC

NO	PART NO	QTY	DESCRIPTION	中文名	
51	127-105078-01	3	ELE.CAP 10UF/50V +/-20%	电解电容	C22.87.301.
52	127-226048-01	5	ELE.CAP 22UF/16V +80/-20%	电解电容	C3.83.85.129.173.
53	127-476048-01	9	ELE.CAP 47UF/16V +80/-20%	电解电容	C1.39.124.134.140.145.146.151.170.
54	127-107048-01	16	ELE.CAP 100UF/16V +80/-20%	电解电容	C18.28.80.91.108.109.110.111.112.127. C137.130.131.179.187. 64
55	127-107058-01	1	ELE.CAP 100UF/25V +80/-20%	电解电容	C115
56	127-227048-01	2	ELE.CAP 220UF/16V +80/-20%	电解电容	C138.152
57	127-477048-01	3	ELE.CAP 470UF/16V +80/-20%	电解电容	C40.106.107.
58	127-228058-01	2	ELE.CAP 2200UF/25V +80/-20%	电解电容	C29.58
59	160-102205-01	1	PIN SOCKET 2PIN 2.0MM	直扦扦座	CN31
60	160-102255-01	2	PIN SOCKET 2PIN 2.5MM	直扦扦座	CN8.32
61	160-102254-01	1	PIN SOCKET 2PIN 2.5MM(RIGHT ANGLE)	弯脚插座	CN3
62	160-103205-01	1	PIN SOCKET 3PIN 2.0MM	直扦扦座	CN7
63	160-104255-01	1	PIN SOCKET 4PIN 2.5MM	直扦扦座	CN21
64	160-104204-01	1	PIN SOCKET 4PIN 2.0MM(RIGHT ANGLE)	弯脚插座	CN26.
65	160-104254-01	1	PIN SOCKET 4PIN 2.5MM(RIGHT ANGLE)	弯脚插座	CN25
66	160-105205-01	1	PIN SOCKET 5PIN 2.0MM	插座	CN28
67	160-106205-01	1	PIN SOCKET 6PIN 2.0MM	插座	CN5
68	160-107205-01	1	PIN SOCKET 7PIN 2.0MM	插座	CN30
69	160-110205-01	1	PIN SOCKET 10PIN 2.0MM	插座	CN27
70	160-216106-02	1	Connector-FFC R/A type 16PIN 1.0mm	双排脚插座	CN4
71	160-211106-02	1	Connector-FFC R/A type 11PIN 1.0mm	双排脚插座	CN6
72	718-020040-00	6	BRASS EYELET DIA 2*4mm	铜鸡眼	
73	C16-005000-00	100	JUMPER WIRE 40*0.5MM	铁线	
74	113-000005-63	3	CAR. RESISTOR 0 OHM 0603	贴片电阻	R116.127.132.
75	113-100005-63	1	CAR. RESISTOR 10 OHM 0603	贴片电阻	R63.
76	113-220005-63	11	CAR. RESISTOR 22 OHM 0603	贴片电阻	R8.84.160.164.165.168.170.172.175.176.177.
77	113-330005-63	8	CAR. RESISTOR 33 OHM 0603	贴片电阻	R76.81.148.149.150.151.153.154.
78	113-470005-63	14	CAR. RESISTOR 47 OHM 0603	贴片电阻	R2.59.69.139.140.141.142.144.145.179.180. R169.171.173.
79	113-101005-63	11	CAR. RESISTOR 100 OHM 0603	贴片电阻	R01.82.114.122.166.167.182.183.185.187.188.
80	113-121005-63	2	CAR. RESISTOR 120 OHM 0603	贴片电阻	R94.95.
81	113-221005-63	1	CAR. RESISTOR 220 OHM 0603	贴片电阻	R86.
82	113-331005-63	4	CAR. RESISTOR 330 OHM 0603	贴片电阻	R7.11.40.50.
83	113-391005-63	1	CAR. RESISTOR 390 OHM 0603	贴片电阻	R121
84	113-471005-63	3	CAR. RESISTOR 470 OHM 0603	贴片电阻	R1.10.93.
85	113-561005-63	1	CAR. RESISTOR 560 OHM 0603	贴片电阻	R28.
86	113-681005-63	1	CAR. RESISTOR 680 OHM 0603	贴片电阻	R128
87	113-102005-63	7	CAR. RESISTOR 1K 0603	贴片电阻	R3.73.85.184.186.189.209
88	113-222005-63	8	CAR. RESISTOR 2.2K 0603	贴片电阻	R6.19.27.112.115.126.192.300.
89	113-332005-63	7	CAR. RESISTOR 3.3K 0603	贴片电阻	R4.17.42.43.57.61.62.
90	113-472005-63	10	CAR. RESISTOR 4.7K 0603	贴片电阻	R48.60.65.90.91.92.96.97.99.174.
91	113-562005-63	6	CAR. RESISTOR 5.6K 0603	贴片电阻	R12.13.67.80.66.79.
92	113-822005-63	2	CAR. RESISTOR 8.2K 0603	贴片电阻	R71.102.
93	113-103005-63	26	CAR. RESISTOR 10K 0603	贴片电阻	R14.15.18.21.39.41.72.77.98.123. R125.193.201.203.146.147.206.208.211.129. R130.133.136.147.178.301.
94	113-153005-63	3	CAR. RESISTOR 15K 0603	贴片电阻	R68.100.161.
95	113-223005-63	2	CAR. RESISTOR 22K 0603	贴片电阻	R107.163.
96	113-273005-63	1	CAR. RESISTOR 27K 0603	贴片电阻	R89.

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NO	PART NO	QTY	DESCRIPTION	中文名	
97	113-333005-63	4	CAR. RESISTOR 33K 0603	贴片电阻	R156.157.158.159.
98	113-473005-63	18	CAR. RESISTOR 47K 0603	贴片电阻	R9.20.74.75.87.101.103.124.137.138. R106.108.111.117.118.119.120.210.
99	113-563005-63	1	CAR. RESISTOR 56K 0603	贴片电阻	R16
100	113-683005-63	1	CAR. RESISTOR 68K 0603	贴片电阻	R143.
101	113-823005-63	2	CAR. RESISTOR 82K 0603	贴片电阻	R152.155.
102	113-154005-63	1	CAR. RESISTOR 150K 0603	贴片电阻	R135.
103	113-224005-63	1	CAR. RESISTOR 220K 0603	贴片电阻	R5
104	113-105005-63	3	CAR. RESISTOR 1M 0603	贴片电阻	R64.131.162.
105	123-509340-63	2	C.CAP 5PF NPO 50V 0603	贴片电容	C5.19
106	123-100340-63	2	C.CAP 10PF NPO 50V 0603	贴片电容	C21.44.
107	123-220340-63	4	C.CAP 22PF NPO 50V 0603	贴片电容	C142.143.176.180.
108	123-240340-63	2	C.CAP 24PF NPO 50V 0603	贴片电容	C11.14.
109	123-300340-63	4	C.CAP 30PF NPO 50V 0603	贴片电容	C15.16.17.20.
110	123-101340-63	3	C.CAP 100PF NPO 50V 0603	贴片电容	C12.163.165.
111	123-141340-63	1	C.CAP 130PF NPO 50V 0603	贴片电容	C48.
112	123-501340-63	2	C.CAP 500PF NPO 50V 0603	贴片电容	C113.114.
113	123-821340-63	1	C.CAP 820PF NPO 50V 0603	贴片电容	C150.
114	123-102350-63	11	C.CAP 0.001UF 50V 0603	贴片电容	C10.42.36.41.47.49.51.121.171.174.181.
115	123-182350-63	4	C.CAP 0.0018UF 50V 0603	贴片电容	C166.167.168.169.
116	123-502350-63	1	C.CAP 0.005UF 50V 0603	贴片电容	C63
117	123-103350-63	4	C.CAP 0.01UF 50V 0603	贴片电容	C2.4.164.177.
118	123-333350-63	2	C.CAP 0.033UF 50V 0603	贴片电容	C160.175
119	123-683350-63	1	C.CAP 0.068UF 50V 0603	贴片电容	C149
120	123-104350-63	52	C.CAP 0.1UF 50V 0603	贴片电容	C13.23.24.27.30.31.32.34.35.37.38.43. C55.56.62.92.123.125.126.128.132.133. C135.136.139.141.144.147.156.157.158.178 C162.182.183.184.189.190.191.192.193.195. C197.198.199.194.196.185.186.188.200.300.
121	123-224350-63	3	C.CAP 0.22UF 50V 0603	贴片电容	C159.148.155
122	131-459014-1A	5	TRANSISTOR C9014 SMT	贴片三极管	Q5.6.11.17.21.
123	131-448050-1A	4	TRANSISTOR JE8050C SMT	贴片三极管	Q7.9.13.16
124	131-448550-1A	5	TRANSISTOR 8550 SMT	贴片三极管	Q1.4.8.15.18.
125	190-966001-00	1	966DR PM1 PCB (94V0)	主板	
126	158-966008-00	1	966DR USB PCB ASS'Y	USB 板组件	
127	113-330005-63	1	CAR RESISTOR 33 OHM 0603	碳膜电阻	R29
128	160-004100-02	1	USB A TYPE FEMALE CONNECTOR (贴板式)	USB插座	USB1
129	004-130408-01	1	5-130408-004 FOR SD/MS CARD	SD CARD 座	与USB801同一款
130	130-520523-00	1	LED EL204 HD RED 3MM	红色发光二极管	LED1
131	190-966008-00	1	966DR USB PCB	USB 板	
132	158-966080-01	1	966DR DISPLAYER PCB ASS'Y	显示板组件	
	<u>113-100105-12</u>	<u>1</u>	<u>CAR RESISTOR 10 OHM 1/4W +/-5%</u>	<u>碳膜电阻</u>	<u>R2</u>
133	113-105105-12	1	CAR RESISTOR 1M1/4W +/-5%	碳膜电阻	R1
134	130-520523-00	1	LED EL204HD RED 3MM	红色发光二极管	LED2.
135	130-520523-30	1	LED EL204HD GREEN 3MM	红色发光二极管	LED3.
136	133-003610-67	1	IC SC3610	集成电路	IC1
137	305-096600-00	2	斑马导电胶条 SIZE: 2X6X26mm		
138	135-096600-01	1	LCD DISPLAY ACD-781571-01-T2NSO (天山供货)	液晶显示器	

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NO	PART NO	QTY	DESCRIPTION	中文名	
139	187-000966-00	1	FH0185B1-DSP (BLUE BACKLIGHT)	显示背光源	
140	136-316038-00	1	OPTIC R/C REC MORULE FM-6038LM-5A (E3标记)	红外线接收头	
	<u>127-476048-01</u>	<u>1</u>	<u>ELE.CAP 47UF/16V +80/-20%</u>	<u>电解电容</u>	<u>C7</u>
141	127-107038-01	1	ELE.CAP 100UF/10V +80/-20%	电解电容	C1
142	123-104350-16	3	C.CAP 0.1UF+/-20% 50v	瓷片电容	C2.5.6
143	137-327680-30	1	CRYSTAL32.768KHz (SIZE: 3X8mm) ,+/-10PPM	晶振	X1
144	123-150340-13	2	N.P.O CERAMIC CAP 15 PF +/-5%50V	瓷介电容	C3.4.
	<u>123-501340-13</u>	<u>1</u>	<u>N.P.O CERAMIC CAP 500 PF +/-5%50V</u>	<u>瓷介电容</u>	<u>C8</u>
145	160-412205-12	1	PCB CONNECTION 12PIN 2.0MM	排针	特采物料、塑胶在中间位置
146	160-405205-12	1	PCB CONNECTION 5PIN 2.0MM	排针	特采物料、塑胶在中间位置
147	160-211106-02	1	Connector-FFC R/A type 11PIN 1.0mm	双排脚插座	CN2
148	190-966080-01	1	966DR DISPLAYER PCB	显示板	
149	158-966060-01	1	DISPLAY DRIVE IC PCB ASS'Y	显示IC板组件	
150	133-201621-13	1	I.C HT1621	集成电路	
151	113-472005-63	1	CAR. RESISTOR 4.7K 0603	贴片电阻	R2
152	123-104350-63	1	C.CAP 0.1UF 50V 0603	贴片电容	C2
153	190-966060-01	1	DISPLAY DRIVE IC PCB	显示IC板	
154	158-966002-00	1	966DR KEY PCB ASS'Y	按键板组件	
155	113-221005-12	1	CAR. RESISTOR 220 OHM 1/16W +/-5%	碳膜电阻	R4
156	113-561005-12	1	CAR. RESISTOR 560 OHM 1/16W +/-5%	碳膜电阻	R6
157	113-391005-12	1	CAR. RESISTOR 390 OHM 1/16W +/-5%	碳膜电阻	R5
158	113-332005-12	1	CAR. RESISTOR 3.3K OHM 1/16W +/-5%	碳膜电阻	R8
159	113-912005-12	1	CAR. RESISTOR 9.1K OHM 1/16W +/-5%	碳膜电阻	R3
160	113-392005-12	1	CAR. RESISTOR 3.9K OHM 1/16W +/-5%	碳膜电阻	R7
161	147-110143-00	7	TACT SWITCH H:4.3MM/4 TERMINAL	轻触开关	SW1.2.3.4.5.6.7.
162	190-966002-00	1	966DR KEY PCB	按键板	
163	158-966003-00	1	966DR SET PCB ASS'Y	按键板组件	
164	147-110143-00	3	TACT SWITCH H:4.3MM/4 TERMINAL	轻触开关	SW8.9.10.
165	190-966003-00	1	966DR SET PCB	按键板	
166	158-008020-03	1	REM MP3 USB SD PCB ASS'Y	遥控器	
167	133-806121-67	1	I.C SC6121-001	集成块	
168	107-300455-29	1	CERAMIC RESONATOR ZTB 455KHz(2PIN)	陶瓷谐振器	X1
169	130-600012-04	1	INFRARED DIODE KL-IL2 (KODENSHI)	发射管	LED1
170	131-449014-03	1	TRANSISTOR JE 9014C	三极管	Q1
171	<u>123-101340-13</u>	<u>2</u>	<u>CERAMIC CAP 100 PF +/-5% 50V</u>	磁片电容	C2.3
172	127-476048-01	1	ELE.CAP 47UF/16V +80/-20%	电解电容	C1
173	C16-005000-00	2	JUMPER WIRE 40*0.5MM	铁线	
174	190-008020-03	1	REM MP3 USB SD PCB	遥控板	
175	444-009350-03	1	CD DECK 新江海光头 GM9350HTR (有珠仔)	CD机芯	
176	443-P93800-10	1	WS-21 V-PT938 (H) 9V (EG-530AD-9B)	半自停磁石抹音卡式机芯 (与PCD938同一款)	
177	127-335078-01	1	ELE. CAP 3.3UF/50V +/-10%	电解电容	
178	147-110102-01	1	LEAF SWITCH QAS-1229-4	叶片开关	
179	161-938001-01	1	AC SOCKET AS-208	电源插座	供应: 进佳 (按生产细则)
R1	161-938001-02	0	AC SOCKET AS-209	电源插座	有极性 (UL认证用) 按生产细则
180	C01-030040-03	2	UL 4.0MM SHRINK TUBE(L=24MM)	AC/DC电源插座用热缩管	

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NO	PART NO	QTY	DESCRIPTION	中文名	
181	101-480661-35H	1	TRANSFORMER EI-48 230V 50Hz	变压器	(按生产细则)
R1	101-480661-25H	1	TRANSFORMER EI-48 220V 50Hz	变压器	(按生产细则)
R2	101-480661-1AH	1	TRANSFORMER EI-48 110/220V 60/50Hz	变压器	(按生产细则)
R3	101-480661-85H	1	TRANSFORMER EI-48 240V 50Hz	变压器	(按生产细则)
R4	101-480661-15H	1	TRANSFORMER EI-48 110V 60Hz	变压器	(按生产细则)
R5	101-480661-18H	1	TRANSFORMER EI-48 120V 60Hz	变压器	(按生产细则)

182	171-662072-40	1	VDE APPROVAL KEMA-KEUR HO3VVH2-F 0.75mm 2*0.75 6' W/END	VDE电源线 有头有尾	(按生产细则订料)
R1	171-442059-70	1	BS APP. 1.5M W/END & CABLE TIE	BSI电源线 有头有尾	(按生产细则订料)
R2	171-213059-70	1	UL#ISPT-118AWG*2 60c APPROVAL NON-POLARIZED W/END 1.5M	UL无极性电源线 有头有尾	(按生产细则订料)
R3	171-711072-90	1	UL/CSA#NISPT-2 60c APPROVAL 6' W/END	UL有极性电源线 有头有尾	(按生产细则订料)
R4	171-552059-70	1	AC LINE CORD SAA APP. 1.5m W/END	SAA电源线有头有尾	(按生产细则订料)
R5	171-999472-70	1	AC LINE CORD BRASIL APP.1.83M W/END	巴西电源线 有头有尾	(按生产细则订料)

110/220V机增加材料

183	147-120328-00		VOLTAGE SELECTOR SWITCH	电压选择开关	
184	C01-030100-01		UL 10MM SHRINK TURE (L=25MM)	热缩套管	
185	C01-030200-00		UL 20MM SHRINK TUBE <L=50MM>	热缩套管	
186	172-422015-52		UL1672#22AWG RED 150MM	线材	

CE认证标准需加磁环、看市场部生产细则要求

187	184-350613-00	5	FERRITE BEAD 3T 3.5*6.0*1.3mm +CHOKE COI	磁环线圈	L1.3.4.
188	184-162807-01	1	FERRITE BEAD 18*10*6MM	磁环	FOR USB WIRE
189	184-251512-00	3	FERRITE BEAD 25*12*15MM	磁环	FOR AC CORD
190	C08-000020-03	8	CABLE TIE 3"	3'扎线	
191	C01-010010-00	8	UL PVC TUBING 1.0*10mm	胶管	
192	C01-010030-00	1	UL PVC TUBING 35*3MM	胶管	FOR AM ANT.
193	166-240530-11	2	3" 4 OHM 5W 圆形 SPEAKER 32 磁	喇叭	

线 材

194	172-126009-50	1	UL1007#26AWG 90mm BLACK	线材	PM1 TO FM ANT.
195	172-126018-50	1	UL1007#26AWG 180mm BLACK	线材	BATTERY - TO MAIN POWER GND.
196	172-126008-52	1	UL1007#26AWG 80mm RED	线材	BATTERY"+" TO AC SOCKET
197	172-126018-52	1	UL1007#26AWG 180mm RED	线材	AC SOCKET TO MAIN PCB VDD
198	172-126018-55	1	UL1007#26AWG 180mm GREEN	线材	MAIN PCB B+ TO AC SOCKET
199	172-122012-50	1	UL1007#22AWG 120mm BLACK	线材	MAIN PCB GND TO GND
	<u>172-122016-50</u>	<u>1</u>	<u>UL1007#22AWG 160mm BLACK</u>	<u>线材</u>	<u>MAIN PCB G3 TO G4</u>
200	172-122008-50	1	UL1007#22AWG 80mm BLACK	线材	MAIN PCN GND TO GND
201	177-612151-02	1	UL2468#26AWG 150mm 2P1H P=2.5mm	线材	KEY PCB CN3 TO MAIN PCB CN32
202	177-602151-02	1	UL2468#26AWG 150mm 2P1H P=2.0mm	线材	CD DOOR SW. TO MAIN PCB CN31
203	177-602151-07	1	UL2468#26AWG 150mm 7P1H P=2.0mm	线材	DISPLAYER PCB CN1 TO MAIN PCB CN30
204	177-602151-03	1	UL2468#26AWG 150mm 3P1H P=2.0mm	线材	SET PCB TO MAIN PCB CN7
205	191-040440-00	1	UL1007#22AWG 440 & 240mm 4P1H P=2.5mm	线材	MAIN PCB CN25 TO SPK.
206	191-040180-00	1	UL1007#22AWG 180 & 120mm 4P1H P=2.5mm	线材	MAIN PCB CN21 TO MOTOR
207	176-112014-10	1	UL1365#30 75 OHM CABLE 140mm 2P1H P=2.5mm	线材	DISPLAY PCB CN8 TO MAIN PCB CN8
208	181-303200-30	1	UL2854#30T/S 200mm 4P1H P=2.0mm	线材	R/P HEAD TO MAIN PCB CN26
210	177-289614-11	1	11PIN AWM 2896 SUPER FLEX 140mm	线材	MAIN PCB CN6 TO DISPLAY PCB CN2
211	177-289610-16	1	16PIN AWM 2896 SUPER FLEX 100mm	线材	CD DECK TO MAIN PCB CN4
212	177-600121-06	1	UL20080#26AWG 120mm 6P2H P=2.0mm	线材	CD DECK TO MAIN PCB CN5
213	177-602221-10	1	UL2468#26AWG 220mm 10P1H P=2.0mm	线材	USB CN2 TO MAIN PCB CN27

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NO	PART NO	QTY	DESCRIPTION	中文名	
214	191-020280-02	1	UL1007#26AWG 280mm 2P1H P=2.5mm	线材	MAIN PCB CN3 TO BATTERY
非CE认证用料					
209	174-833150-20	1	UL2547#28D/S 150mm 3PINS	线材	MAIN PCB TO HEAD PHONE JACK
215	177-602221-05	1	UL2468#26AWG 220mm 5P1H P=2.0mm	线材	USB PCB CN9 TO MAIN PCB CN28
CE认证穿磁环用料					
209	174-833300-20	1	UL2547#28D/S 300mm 3PINS	线材	MAIN PCB TO HEAD PHONE JACK
216	177-602321-05	1	UL2468#26AWG 320mm 5P1H P=2.0mm	线材	USB PCB CN9 TO MAIN PCB CN28
217	177-622170-08	1	普通灰排线 170mm 8PIN PITCH=2.0mm	线材	MAIN PCB CN1 TO CN11

结构

1	PS-096601	1	FRONT PANEL	面壳	
2	PS-096602	1	UPPER CABINET	顶壳	
3	PS-096603	1	LOWER CABINET	底座	
4	PS-096605	1	CASS KNOB ASSM	卡钮组合	
5	PS-096606	1	CD DOOR	CD门	
6	PS-096607	1	CASS DOOR	卡门	
7	PS-096608	1	HANDLE	手挽	
8	PS-096609	1	BATTERY DOOR	电池门	
9	PS-096610	1	PLATED RING L	左装饰圈	
10	PS-096611	1	PLATED RING R	右装饰圈	
11	PS-096612	1	CASS DOOR LENS	卡门镜	
12	PS-096613	1	DISPLAY LENS	显示镜	
13	PS-096615	1	VOLUME KNOB	音量钮	
14	PS-096616	2	FUNCTION KNOB	功能钮	
15	PS-096617	1	KEY KNOB R-4D	右四按钮	
16	PS-096618	6	KEY KNOB L-4D	左四按钮	
17	PS-096619	1	KEY KNOB L-1D	左单按钮	
18	PS-096620	1	KEY KNOB L-3D	左三按钮	
19	PS-096621	1	TUNING KNOB	选台钮	
20	PS-096622	1	TUNING SHAFT	选台轴	
21	PS-096623	1	GEAR HOLDER	齿轮支架	
22	PS-096625	1	PVC GEAR	PVC 齿轮	
23	PS-096627	1	2D LCD HOLDER	两位LCD支架	
24	PS-096628	1	LED HOLDER	LED支架	
25	PS-096629	1	RECORD ROCKER	录音摇杆	
26	PS-096630	1	ROCKER HOLDER	摇杆支架	
27	PS-096632	2	SPEAKER HOLDER A	喇叭支架 A	
28	PS-096633	2	SPEAKER HOLDER B	喇叭支架 B	
29	PS-096634	1	DR MODEL SMALL PANEL	DR机型小面	
30	PS-KS77006	2	DAMPER GEAR GROUP	阻尼轮组	
31	PS-990850	1	CD DUST COVER	CD防尘盖	
32	PS-990852	1	CD DUST COVER	CD防尘盖	三洋和青雅CD机芯选用

根据生产细则或有关资料加入以下物料(要求加入CD磁环时)

33	PS-0938236631	1	M AGNET HOLDER	磁石支架	
34	PS-CDK70832	1	CD CHUEK PLATE	CD鼓盖	
35	700-410001-00	1	CD DRUM BRACKET	圆铁片	
36	728-410001-00	1	CD MAGNET 30*16*5	CD磁环	
37	501-020502-00	1	2*5BM	MAGNET*1	
38	500-030606-00	3	3*6KA	MAGNET HOLDER*3	
39	503-170300-05	1	PAPER WASHER 17*30*0.5	CD DOOR*1	

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NO	PART NO	QTY	DESCRIPTION	中文名
40	715-096601-00	1	METAL GRILL-L	左铁网
41	715-096602-00	1	METAL GRILL-R	右铁网
42	308-003106-00	4	CD RUBBER CUSHION 25 度	避震胶 25度(绿色)
43	560-093801-00	1	ANTENNA	天线
44	720-325003-00	1	ANTENNA CONNECTD3.2*50*0.3	天线焊片
45	740-093801-00	1	CD DOOR SPRING	CD门弹簧
46	721-093802-00	1	CASS DOOR SPRING	卡门弹簧
47	303-096601-00	4	REAR FOOT 直径14.0*高5.0 MM	胶脚 (EVA)
48	714-060601-00	1	HEAT SINK	散热片 (A)
49	714-038801-00	2	HEAT SINK	散热片
	<u>714-096601-00</u>	<u>1</u>	<u>HEAT SINK</u>	<u>散热片</u>
50	PS-093801-00	2	FERRITER BAR HOLDER	磁棒支架
51	707-091301-01	1	BATTERY CONTACT(+)	电池片正极
52	707-091302-01	1	BATTERY CONTACT(-)	电池片负极
53	707-091303-01	1	BATTERY COMBINE-A	电池组件-A
54	707-091304-01	1	BATTERY COMBINE-B	电池组件-B
55	707-096601-00	1	BATTERY COMBINE(+/-)	电池组件正负
SCREW & WASHER				
56	500-021202-00	1	2*12PA	FOR CD LEAF SWTH*1
57	500-260802-00	3	2.6*8PA	DISPLAY PCB TO PANEL*2
				MAIN PCB TO RECORD ROCKER HOLDER*1
58	509-261001-10	8	2.6*10PWA(W=10)	CD DECK*4
				DAMPER GEAR HOLDER TO CD BASE*1
				DAMPER GEAR HOLDER TO FRONT PANEL*1
				CASS SRING*1,TUNNING KNOB*1
59	509-261001-08	2	2.6*10PWA(W=8)	USB PCB TO UPPER CABINET*2
				根据生产细则要求加入此物料
60	500-031002-00	34	3*10PA	SPEAKER TO FRONT PANEL*4
				PLATED RING TO PANEL*6
				CASS DECK TO FRONT PANEL*4
				SAMELL PANEL TO UPPER CABINET*9
				GEAR HOLDER TO MAIN PCB*3
				MAIN PCB TO CABINET*8
61	500-031402-00	6	3*14 PA	FRONT PANEL TO BACL CABINET*6
62	509-031001-10	4	3*10PWA(W=10)	TRANSFORMER *2
				AC JACK*2
63	501-030802-00	1	3*8BM	ANTENNA TO BACK CABINET*1
64	501-260602-00	1	2.6*6BM	TUNING SHAFT TO PVC*1
65	501-260403-00	2	2.6*4KM	PVC TO PCB*2
66	501-030805-00	2	3*8BTB	HEAT SINK TO *2
67	500-020802-00	4	2*8PA	LCD HOLDER TO PCB*4
REMOTE CONTROLLER				
68	RMT-6KEY	1	REMOTE HANDSET	遥控器
69	311-410001-01	1	REMOTE RUBBER (8 KEYS) A675	导电橡胶
70	707-077001-00	1	HANDSET BATTERY PLATE (-)	负极弹片
71	707-077002-00	1	HANDSET BATTERY PLATE (-)	正极弹片
72	707-077003-00	1	HANDSET BATTERY PLATE (+/-)	正负极弹片
73	PS-RM701	1	REMOTE FRONT CABINET	遥控面
74	PS-RM702	1	REMOTE REAR CABINET	遥控底
75	PS-RM703	1	REMOTE BATTERY DOOR	遥控电池门
76	PS-RM705	1	REMOTE INLAY	遥控片

DAT H.K. LTD.
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NO	PART NO	QTY	DESCRIPTION	中文名	
77	303-050505-00	3	PAD CORD 5*5*5MM	高密度海棉	FOR BATTERY PLATE*2 FOR REMOTE PCB*1
PAPER LABEL					
78	642-096601-00	1	INSTRUCTION MANUAL	说明书	
79	664-053211-02	1	DATE CODE LABEL	日期贴纸	
80	664-053211-25	1	THERMAL FUSE LABEL	火牛贴纸	
81	664-053211-07	1	LASER BEAM LABEL	激光柱（太阳）贴纸	
82	664-053211-08	1	LASER CAUTION LABEL	激光（镭射）警告贴纸	
83	664-053211-23	1	SERIAL LABEL	流水号贴纸	
84	664-099100-05	1	CAUTION & SAFETY LABEL	警告安全贴纸	
85	664-099100-06	1	CLASS 1 LASER LABEL	一级镭射贴纸	
86	622-091000-01	1	CD PAPER DISC	纸碟	
87	622-091000-01	1	CD PAPER DISC	CD纸碟片	机芯不是波仔头时选用
88	622-011000-01	1	CD PAPER DISC	CD纸碟片	中间孔径略小,是波仔头机芯时选用
89	664-096600-08	1	MODEL LABEL	产品型号贴纸	
SPACKING					
90	800-096601-00	1	MAIN POLYFOAM(R)	左发泡胶	
91	801-096602-00	1	MAIN POLYFOAM(L)	右发泡胶	
92	612-096601-00	1	CARTON	卡通纸箱	
93	811-150180-73	1	POLY BAG 15"*18"*0.03MM	主机胶袋	
94	811-065100-73	1	POLY BAG 6.5"*10"*0.03MM	说明书胶袋	生产细则中如要求说明书为A4纸大小时则要用9"*15"胶袋
95	811-040090-73	1	POLY BAG 4"*9"*0.03MM	遥控器胶袋	
96	811-040090-73	1	POLY BAG 4"*9"*0.03MM	普通电源线胶袋	} 根据生产细则要求选用不同规格的胶袋
97	811-040210-73	1	POLY BAG 4"*21"*0.03MM	电源线胶袋（BS&SAA插头用）	
根据生产细则要求选用不同的包装方式					
98	612-096602-00	4	CARTON	卡通纸箱	四合一箱包装内容
99	613-096601-00	1	CARTON	卡通纸箱	
100	612-096602-00	6	CARTON	内卡通纸箱	} 根据生产细则要求选用.
101	613-096602-00	1	CARTON	外卡通纸箱	

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