

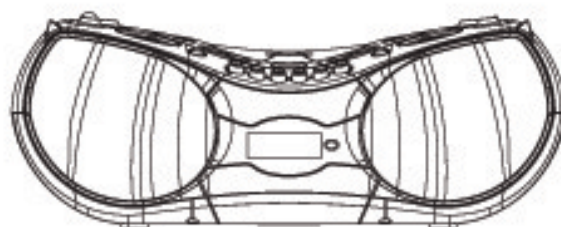
DAEWOO
DAEWOO ELECTRONICS EUROPE GmbH



Service Manual

Portable CD/MP3 Player

TP-502AG



DAT H.K. LIMITED

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No.	Description	Brand Name	Model No.
1	Digital Signal Generator	KENWOOD	SG-5150
2	Distortion Meter	MEGURO	MAK-6571C
3	Millivolt Meter	LODESTAR	MV-3201B
4	Low-Frequency Generator	KENWOOD	AG-203A
5	Oscilloscope	GW	GOS-653G
6	Wow-and-Flutter	KIKUSUI	677D

** PRODUCT SPECIFICATION **

Manufacturer: DAT

Model: TP-502AG

Description: AM/FM STEREO RADIO CASSETTE RECORDER & CD MP3 PLAYER

Customer's Name: _____ Test Conditions: 1. Supply Voltage: 220/127V AC 50 Hz 12V DC 2. Reference Output: 50 mW 3. Load Impedance : 4 Ohm

NO.	ITEMS		Measurement Conditions		UNIT	NOMINAL	LIMIT
1	Frequency Range	Manual	LOW END	According to FTZ Regulation without AFC	KHz	525	±10
			HIGH END		KHz	1650	±30
	PLL		LOW END		KHz	/	/
			HIGH END		KHz	/	/
2	Maximum Sensitivity(-6dB S/N)	600 KHz	MOD.=30% Vol Control to MAX. Position Measure Urf for Ref. Output Power		dB/m	52	56
		1000 KHz			dB/m	52	56
		1400 KHz			dB/m	52	56
3	Useable Sensitivity 20dB S/N	600 KHz	MOD. =30% AF=1000Hz Vol Control to Ref. Output Measure Urf for (S + N)/N=20dB		dB/m	60	64
		1000 KHz			dB/m	60	64
		1400 KHz			dB/m	60	64
4	Auto Scanning Stop Sensitivity	603 KHz	Record MIN. Urf for Auto Tuning Stop		dB/m	/	/
		999 KHz			dB/m	/	/
		1404 KHz			dB/m	/	/
5	Dial Calibration Error (Pointer at Centre of Silk- Screening Scale)	ALL BAND	According to FTZ Regulation without AFC	Manual	KHz	±10	±20
				PLL	KHz	/	/
6	Signal to Noise Ratio (100dB)	1000 KHz	Urf=100dB AF =1000Hz MOD. =30% Vol Control to Ref. Output		dB	35	30
7	IF Frequency	600 KHz	Input IF=465/455 Signal at 600KHz Point Adjust High-Frequency/Signal to Let SP Output be MAX. and Distortion Be MIN., It is IF	Manual	KHz	465/455	±5
				PLL	KHz	/	/
8	IF Rejection	600 KHz	AF =1000Hz MOD. =30% Input Freq. 465/455KHz IF Adjust Freq.		dB	50	40
9	Image Rejection	1400 KHz	AF =1000Hz MOD. =30% Input Freq. 1400KHz+2 IF Adjust Freq.		dB	40	30
10	Adjacent Channel Attenuation ±10KHz	1000 KHz	AF =1000Hz MOD. =30% Ref. Sensitivity 20dB S/N		dB	15	10
11	Bandwidth +6dB	1000 KHz	MAX. Sens. +6dB Nf Δ +/- Freq.		KHz	5	12
12	AGC Figure of Merit (126 dB)	1000 KHz	Urf=126dB Vol Control to Ref. output Reduce input Level to Let SP Output be -10dB		dB	40	30
13	Whistle Modulation (TWEET) (86 dB)	930/910 KHz	Urf=86dB Vol Control to Ref. output unwanted AF change input Freq.		dB	15	10
14	Modulation Hum (126 dB)	1000 KHz	AC Supply Voltage Urf=126dVol control to Ref. output unwanted AF		dB	-40	-35

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BAND: FM/EUROPE

NO.	ITEMS		Measurement Conditions	UNIT	NOMINAL	LIMIT
15	Random Noise Max Volume	ALL BAND	Without Signal Blocking Vol Control For MAX.	(Rms)mV	100	500
16	Audio Frequency 6dB (100 dB)	1000 KHz	Urf=100dB AF =Input Measure Lower and Upper Limit 6dB Ref. to 1KHz(0dB)SP 100/2K2	dB	0	±6
17	Distortion (100 dB)	1000 KHz	Urf=100dB AF =1000Hz Volume Control to Ref. Output,MOD.=80%	%	2	4
18	MAX. Distortion (100 dB)	1000 KHz	Urf=100dB AF =1000Hz MOD. =80% Vol MAX. Measure Urf for Ref. Output Power	%	20	30
19	10% THD Output Power (100 dB)	1000 KHz	Urf=100dB AF =1000Hz MOD. =80%	mW	2500	2000
20	Overload Distortion (126 dB)	1000 KHz	Urf=126dB AF =1000Hz Volume Control to Ref. Output	%	4	6
21	MAX. Output Power (100 dB)	1000 KHz	Urf=100dB AF =1000Hz MOD.=80% Vol MAX. Measure Urf for Ref. Output Power	mW	3000	2500
22	Oscillation Drop Voltage (120 dB)	600/1400 KHz	Urf=100dB AF =1000Hz MOD.=30% DC Supply Voltage Change DC Voltage	V	/	/
23	AC Operation Voltage Range			V	/	/
24	Record /Play Back	Level	Urf=100dB AF=1000Hz MOD.= 30% (MTT-112B Volume Control to Ref. Output)	dB	/	/
		Distortion	Urf=100dB AF=1000Hz MOD.=30% 1000KHz Pilot Volume Control to Ref. Output AC Bias DC Bias ☒	% %	/ 6	/ 10

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NO.	ITEMS	Measurement Conditions	UNIT	NOMINAL	LIMIT
1	Frequency Range Manual PLL	According to FTZ Regulations	MHz	87.5	±0.5
			MHz	108.5	±0.5
			MHz	/	/
			MHz	/	/
2	Maximum Sensitivity	Vol Control to MAX. Position, Measure Urf for Ref. Output Power	90 MHz	12	20
			98 MHz	12	20
			106 MHz	12	20
3	Quieting Sensitivity @ 30dB S/N	Vol Control to Ref. Output Power, Measure MIN. Urf for (S+N)/N=30dB	90 MHz	16	25
			98 MHz	16	25
			106 MHz	16	25
4	Auto Scanning Stop Sensitivity	Record MIN. Urf for Auto Tuning Stop	90 MHz	/	/
			98 MHz	/	/
			106 MHz	/	/
5	Search Frequency Error/Dial Calibration	Pointer at Centre of Silk Screening Scale, Measure Maximum Sensitivity Manual PLL	MHz	±0.5	±1
			MHz	/	/
6	Stereo Led Lighting Sensitivity	Input Urf DEV. 67.5KHz+7.5KHz=75KHz 98MHz Pilot, Measure MIN. Urf for Switching	dB	16	25
7	Channel Separation	Input 1mv Urf. MOD. 67.5+7.5=75KHz 98MHz Pilot, R=1KHz L=0 And R=0 L=1KHz, Measure Output Level R/L And L/R	dB	25	22
8	Signal to Noise Ratio	Urf=1mV MOD.=22.5KHz 98MHz Pilot, Vol Control to Ref. Output Measure (S+N)/N, Measure With DC Supply	dB	50	40
9	IF Frequency	Input Urf=1mV 90MHz, Scan to Lock It Control Vol to Ref., Frequency to 10.7MHz and Add Input Urf Level to Ref Output. Adj. Input Urf Frequency When Output Distortion Is MIN., Record In Put Frequency	MHz	10.7	±0.1
10	IF Rejection Ratio	MOD.=22.5KHz, Adj. Urf for (S+N)/N=30dB, Measure Ratio of Urf for F1 to IF for The Same Output, F1=90MHz	dB	60	50
11	Image Rejection Ratio	DEV.=22.5KHz, Adj. Urf for (S+N)/N=30dB, Measure Ratio of Urf for F1 To F2= F1+2*I F for The Same Output, F1=106MHz	dB	30	20
12	FM Stereo signal to Noise Ratio	In put urf.75KHz 98MHz Pilot W/O Signal Adjust to Eixtemal Position	dB	45	40

BAND:

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FM/EUROPE

NO.	ITEMS		Measurement Conditions	UNIT	NOMINAL	LIMIT
13	Limiting Sensitivity	98 MHz	Input Urf=1mV Vol Control to Ref. Output Power, Measure MIN. Urf for Output Decrease -3dB	dB	20	30
14	AFC Holding Range (60 dB)	98 MHz	Urf=1mV, Measure Range for Output -3dB, Difference to Center Frequency, Record to outband (+Δf)+(-Δf)	KHz	450	±100
15	Am Suppression	98 MHz	Urf=1mV DEV.=22.5KHz 1KHz Out =Ref. Output, Change to 30% Am Mod. (1KHz), Measure The Output Level: Ref. Output / Am Mod. Output	dB	40	30
16	Modulation Hum	98 MHz	Urf=1mV AF =22.5KHz 98MHz Pilot, Vol Control to Ref. Output Measure (S+N)/N, Measure With AC Supply	dB	-38	-30
17	Random Noise	All Band	No Input Vol =MAX. Measure Noise Level	(Rms) mV	100	500
18	Frequency Response	98 MHz	Urf=1mV Eq= Centre BASS BOOST= OFF Stereo LED OFF	125Hz dB	0	±6
				4k	0	±6
19	Distortion	98 MHz	Urf=1mV, MOD.=22.5KHz AF=1KHz,Volume Control Vol to Ref. Output, Measure Distortion	%	0.9	2
20	MAX. Distortion	98 MHz	Urf=1mV, MOD.=75KHz AF=1KHz,Volume=MAX. Measure Output Power	%	20	30
21	10% THD Output Power	98 MHz	Urf=1mV MOD.=75KHz 1KHz, Control Vol to 10% THD, Measure Output Power	mW	2500	2000
22	Maximum Output Power 75KHz (60 dB)	98 MHz	Urf=1mV MOD.=75KHz 1KHz, Vol= MAX. Measure Output Power	mW	3000	2500
23	Overload Distortion 100 mV (100 dB)	98 MHz	Urf=100 mV(100dB) MOD.=75KHz, Vol=Ref. Output	%	4	6
24	Oscillation Drop Voltage	90/106 MHz	Urf=1 mV MOD.=22.5KHz, Vol= Ref. Output Measure Limit Low Supply Osc Stop Voltage	V	/	/
25	Channel Balance	ALL BAND	Urf=1mV DEV.=22.5KHz Vol = MIN. to MAX.	dB	/	/
26	Record Playback	Level	Urf=1mV DEV.= 22.5KHz VS MTT-112B 1KHz AC Bias DC Bias☑	dB	/	/
		Distortion		%	/	/
				%	6	10

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1	Digital Signal Generator	KENWOOD	SG-5150
2	Distortion Meter	MEGURO	MAK-6571C
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**** PRODUCT SPECIFICATION ****

Manufacturer: **DAT**

Model: **TP-502AG**

Description: **AM/FM STEREO RADIO CASSETTE RECORDER & CD MP3 PLAYER**

Customer's Name: _____ Test Conditions: 1. Supply Voltage: **220/127V** AC **50** Hz **12V** DC 2. Reference Output: **50** mW 3. Load Impedance : **4 Ohm**

NO.	ITEMS		Measurement Conditions	UNIT	NOMINAL		LIMIT	
1	Tape Speed	Normal High	TCC-112 Volume Control to Ref. Output		3000		+3%/-2%	
2	Wow & Flutter	WTD WOW FLUTTER	TCC-112 Volume Control to Ref. Output	%	0.2		0.35	
					0.2		0.3	
					0.3		0.6	
3	Playback Frequency Response	125 Hz 1 KHz 6.3 KHz	TCC-181A Volume Control to Ref. Output Ref. 1KHz=0dB	dB	±3		±6	
					0		0	
					±3		±6	
4	Cassette Torque	Play Fast Fwd Rewind		gm/cm	/		/	
					/		/	
					/		/	
5	Signal to Noise Ratio	MTT-112B	MTT-112B Volume Control to Ref. Output VS NO Signal Tape	dB	40		30	
6	Channel Separation TCC-194	TCC-194	TCC-194 Volume Control to Ref. Output	dB	30		24	
7	Track Crosstalk TCC-192	TCC-192	TCC-192 Volume Control to Ref. Output	dB	40		30	
8	Channel Balance	MTT-121N	MTT-121N Volume Control to Ref. Output	dB	0		3	
9	Minimum Volume Hum & Noise		Volume Control to MIN.(Rms /P-PV)	mV	1	5	3	15
10	Maximum Volume Hum & Noise		Volume Control to MAX. (Rms /P-PV)	mV	15	60	25	180
11	Maximum Volume Distortion	MTT-112B	MTT-112B Volume Control to MAX.	%	20		28	
12	Distortion	MTT-118N	MTT-118N Volume Control to Ref. Output	%	1		3	
13	10% THD Output Power SPK	MTT-112B	MTT-112B Adjust Volume Up Down to Measure 10% THD SP	mW	2500		2000	
14	Maximum Output Power SPK	MTT-112B	MTT-112B Volume Control to MAX.	mW	3000		2500	
15	10% THD Output Power(HP)	MTT-112B	MTT-112B Volume to MAX.	mW	25		20	
16	Current Consumption at 10%THD	MTT-112B	MTT-112B Adjust Volume Up Down to Measure 10% THD SP	mA	/		/	
17	Fast Forward/Rewind Time(C60)	Blank Tape	C60	SEC	160		180	

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4	Low-Frequency Generator	KENWOOD	AG-203A
5	Oscilloscope	GW	GOS-653G
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BAND: TAPE PLAYBACK

NO.	ITEMS		Measurement Conditions	UNIT	NOMINAL	LIMIT
18	Record/Playback	S/N	MIC I/P S.G. 1KHz X@ MIC SENS. +30dB VS NO SIGNAL AC Bias	dB	/	/
			TCD784 Record/Playback Volume Control to Ref. Output for Pause DC Bias	dB	28	20
		THD	@ MIC I/P SENS AC Bias	%	/	/
			DC Bias	%	/	/
		ERASE RATIO	WITH 1KHz BPF AC Bias	dB	/	/
			DC Bias	dB	/	/
19	DC Operation Voltage Range		DC Supply Voltage Change DC Voltage	V	/	/
20	AC Operation Voltage Range		AC 230V	%	/	/
21	Record MIC Sensitivity	1 KHz	Input Level In dB Recording /Play to Tape -5dB	dB	/	/
22	Record MIC ALC	1 KHz	Input Level In dB Ref. Record MIC Sensitivity +30dB	dB	/	/
23	Record MIC FREQ	125 Hz 6K3	@ 1KHz MIC MAX. Sens. (-66dB I/P)	dB	/	/
				dB	/	/
24	Record MIC ALC Recovering Time		1KHz MIC MAX. Sens./60 S' VS +30dB/ 60 S' VS MAX. Sens. /60 S' MIC MAX. Sens. Set to dB Recover 90% of Output Time	Sec	/	/
25	AC Bias Oscillation Freq.	Beat 0	VTVM +(x10 Probe) Measure the OSC Coil High-END Side	KHz	/	/
		Beat 1		KHz	/	/
26	AC Bias Voltage	Pos 0		Vrms	/	/
		Pos 1		Vrms	/	/
27	MAX. Distortion	MTT-112B	MT-112B Volume = MAX. Measure Output Power	%	/	/
28	Level Differences to Din Tape=0 dB (MTT-112B) VS Set to 0dB	FM	FM Urf=1mV AF=1000Hz MOD.=75KHz 98MHz	dB	0	±3
		AM	AM Urf=100dB AF=1000Hz MOD.=80% 1000KHz	dB	0	±3
		CD	CD 0dB TCD-784 NO.2	dB	0	±6

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1	Digital Signal Generator	KENWOOD	SG-5150
2	Distortion Meter	MEGURO	MAK-6571C
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NO.	ITEMS			Measurement Conditions	UNIT	NOMINAL	LIMIT
1	TCD-725	Interruption:		Volume Control to MAX.	mm	0.7	0.5
		Black Dots:			mm	0.6	0.4
		Fingerprints:			um	φ 75	φ 65
2	SRC-444A					/	/
3	TCD-712 Eccentric	The 1st Song and		Volume Control to MAX.		OK	OK
	TCD-731 Verticac Deviation	The Last Song					
4	TCD-784	Total Access Time of Toc			SEC.	3-4	5
		Intervals Between Songs			SEC.	1-2	2
		Search Time From The Last Track to The 1st Track			SEC.	6-7	10
		MAX. Distortion	1KHz 0dB	Volume Control MAX. EQ ON	%	20	28
		MAX. O/P	1KHz 0dB	Volume Control to MAX.	mW	3000	2500
		10% THD O/P	1KHz 0dB	Adjust Volume Up Down to 10% THD O/P	mW	2500	2000
		Nominal Distortion	1KHz 0dB	Volume Control to Ref. Out Up	%	1	3
		Bass Boost ON	100Hz	Volume Control to Ref. Out Up	dB	+8	+5
		S/N Ratio 1KHz	L:	Ref. TCD-784 Track 7	dB	55	45
			R:		dB	55	
		Frequency Response	20 Hz	TCD-784 Ref. 1KHz=0dB Track 2 、 3、 4、 5 、 6	dB	-16	-20
			100 Hz		dB	±3	±5
			1 KHz		dB	0	0
			10 KHz		dB	±3	±5
			20 KHz		dB	±3	-15
		Channel Balance			dB	2	3
		Channel Separation(Bass Boost Off)	1 KHz	TCD-784 Track 8 、 9、 10、 11	dB	50 50	40
			10 KHz		dB	L:38 R:38	35 35

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BAND: CD PLAYER

NO.	ITEMS			Measurement Conditions	UNIT	NOMINAL		LIMIT	
5	Transformer: DC 12V	MAX. Hum/Noise		TCD-784 Track 7	Rms/Ppv	5	10	8	60
		MIN. Hum/Noise		TCD-784 Track 2	Rms/Ppv	1	10	5	25
		AC Power Consumption	1 KHz 0dB	VR AT A/F Power Output 10% THD	mA	/		/	
6	Battery	Starting Current			mA	/		/	
		Normal Working Current	1 KHz		mA	/		/	
7	Record Playback	Level		1KHz -10dB VS MTT-112B	dB	-5		+8	
		Distortion		1KHz -10dB Volume Control to Ref. Output	%	6		10	
8	Record/Playback Frequency Response CD-784	100Hz		TCD-784 Record/Playback Volume Control to Ref. Output Measure 0dB	dB	±3		±8	
		1KHz			dB	0		0	
		10KHz			dB	-10		-20	
9	Record/Playback S/N Ratio	1 KHz		TCD-784 Record/Playback Volume Control to Ref. Output VS No Signal AC Bias	dB	/		/	
				DC Bias ☒	dB	28		20	
10	Fall Out Voltage	1KHz			V	/		/	

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REMOTE CONTROL

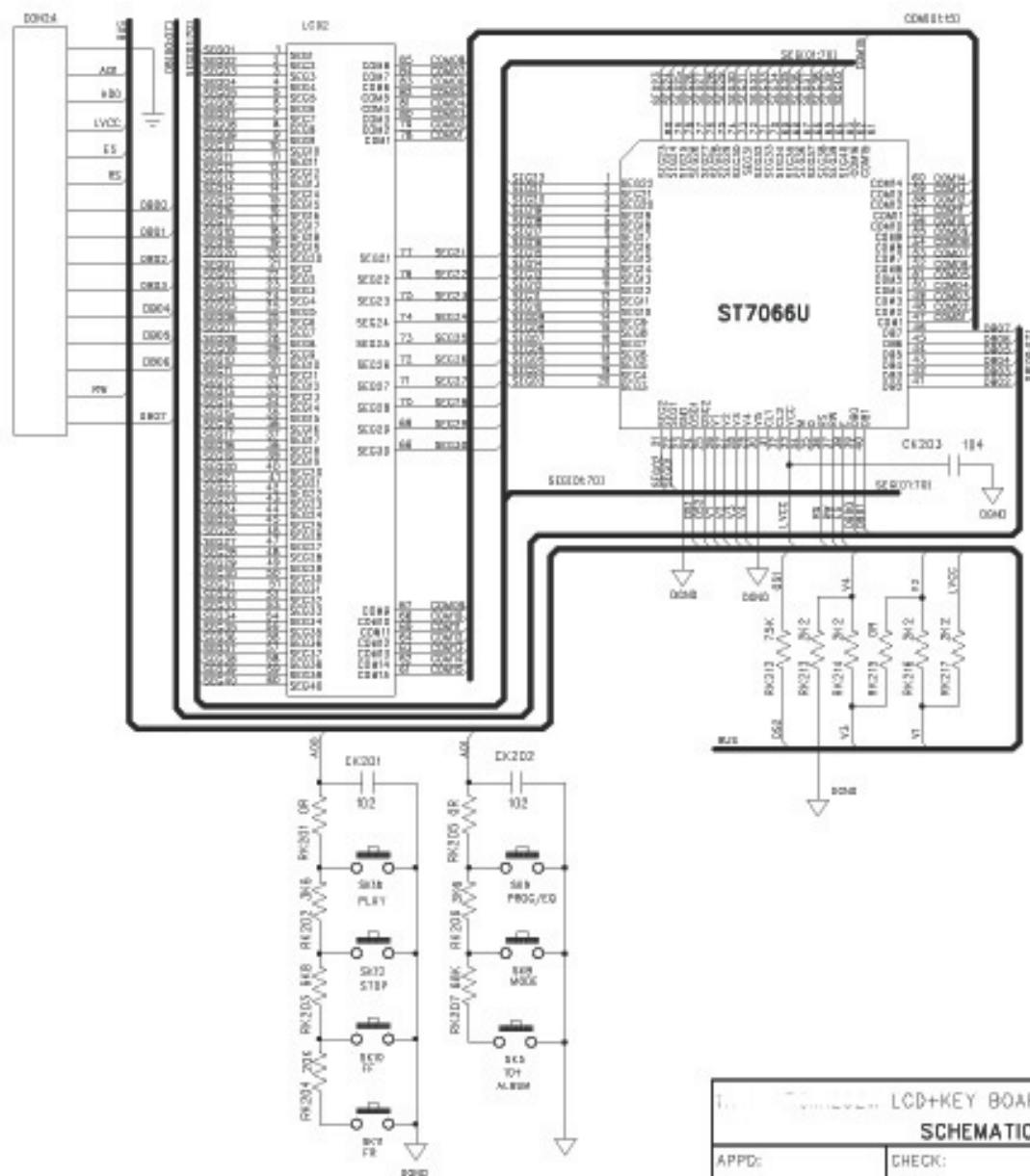
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1	Distance right angle (Remote Handset)		Meter	>7	7
2	Distance angle+/-45 Degree		Meter	>5	4
3	Min supply voltage	DC Supply Voltage Change DC Voltage	V	<2.2	2.2
4	Stand-by current all keys off		uA	<10	10

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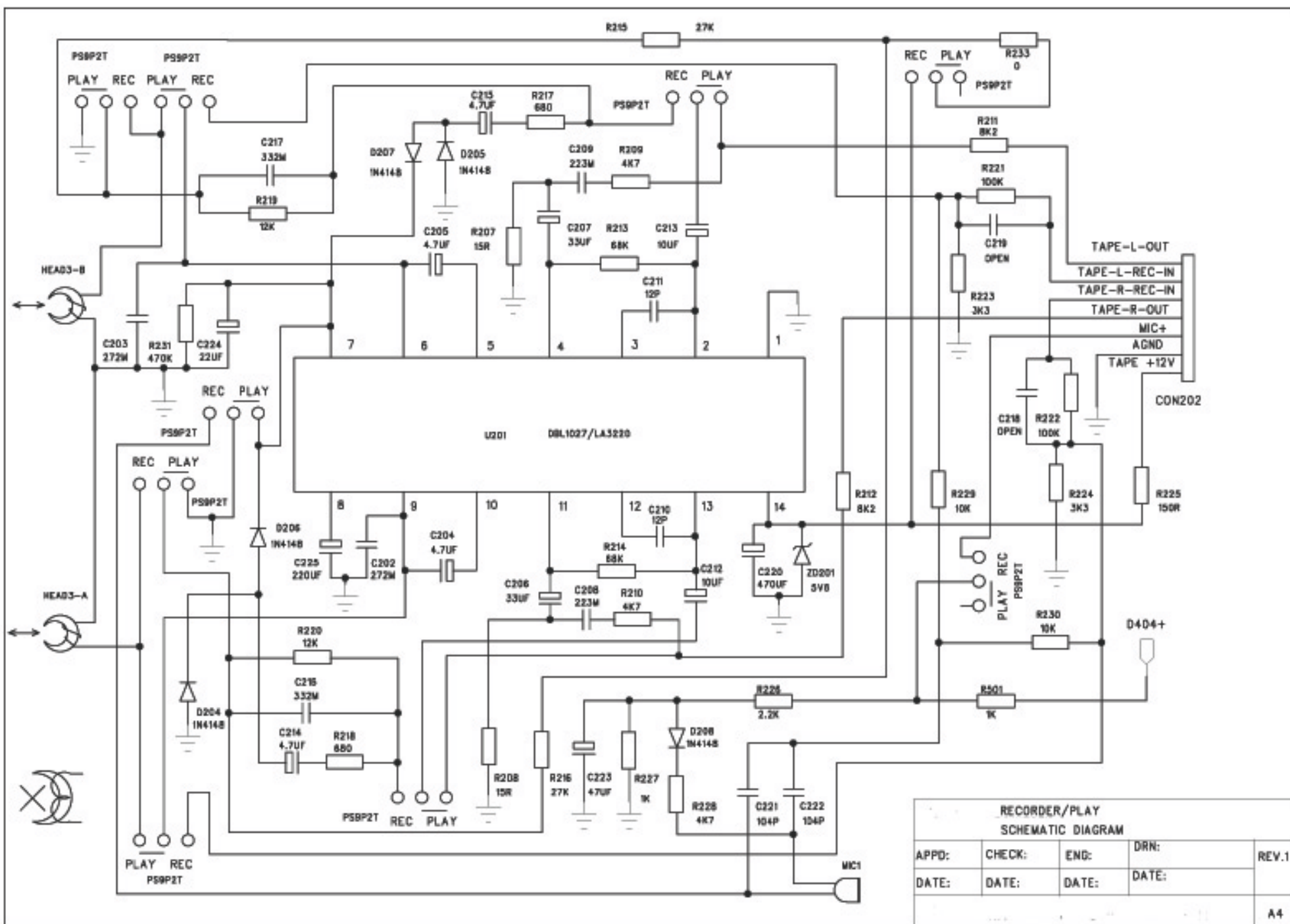
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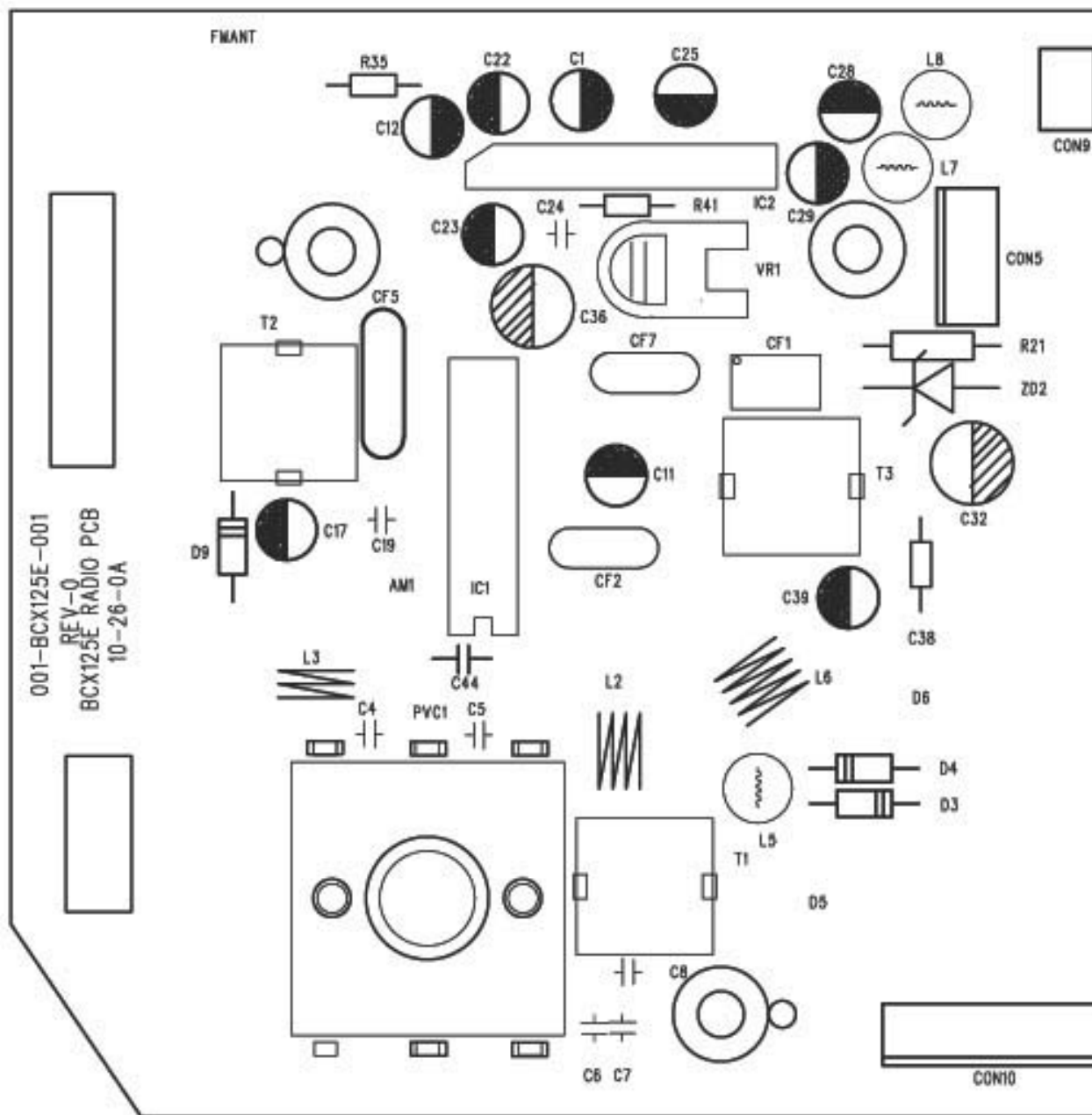
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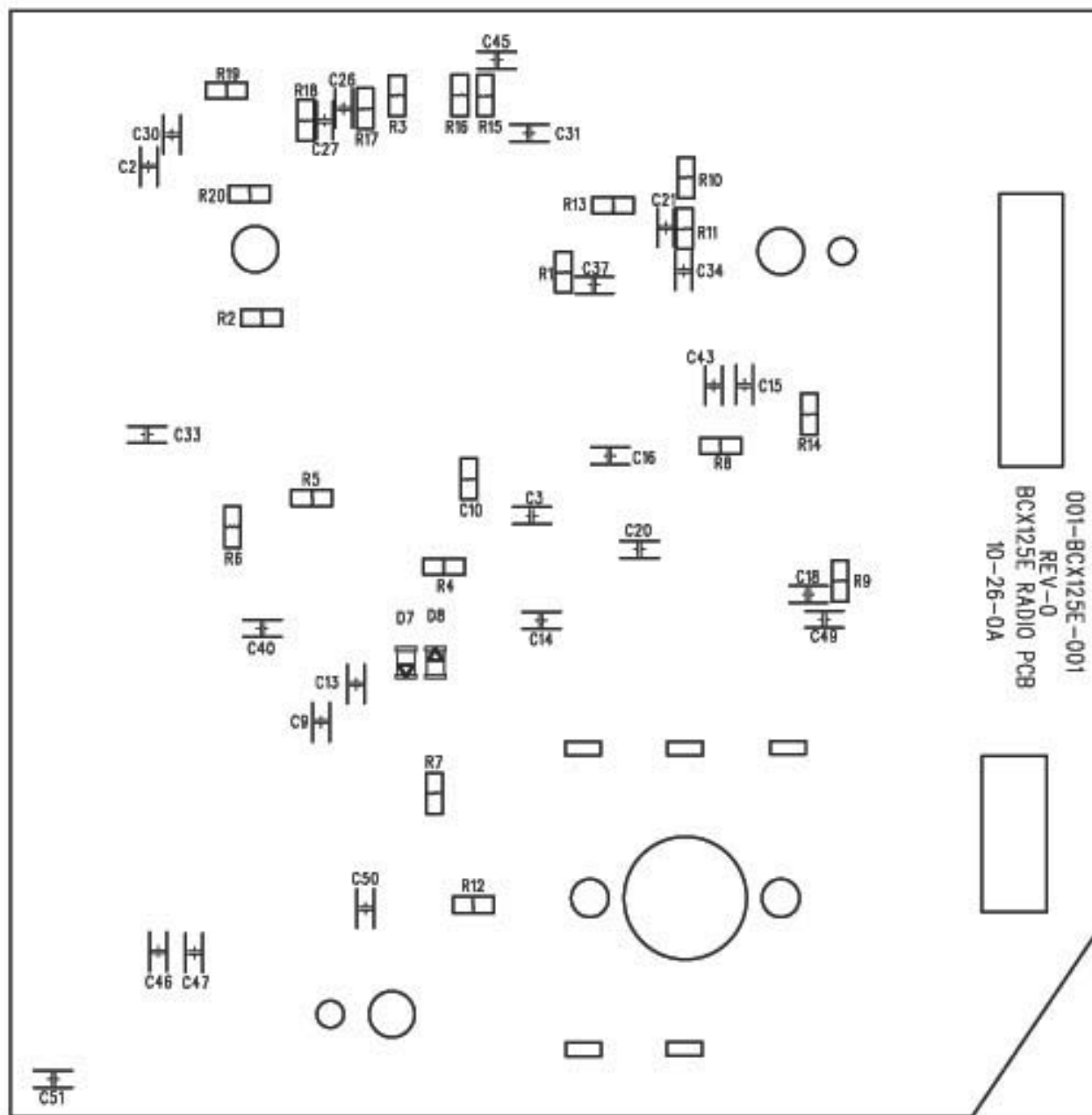
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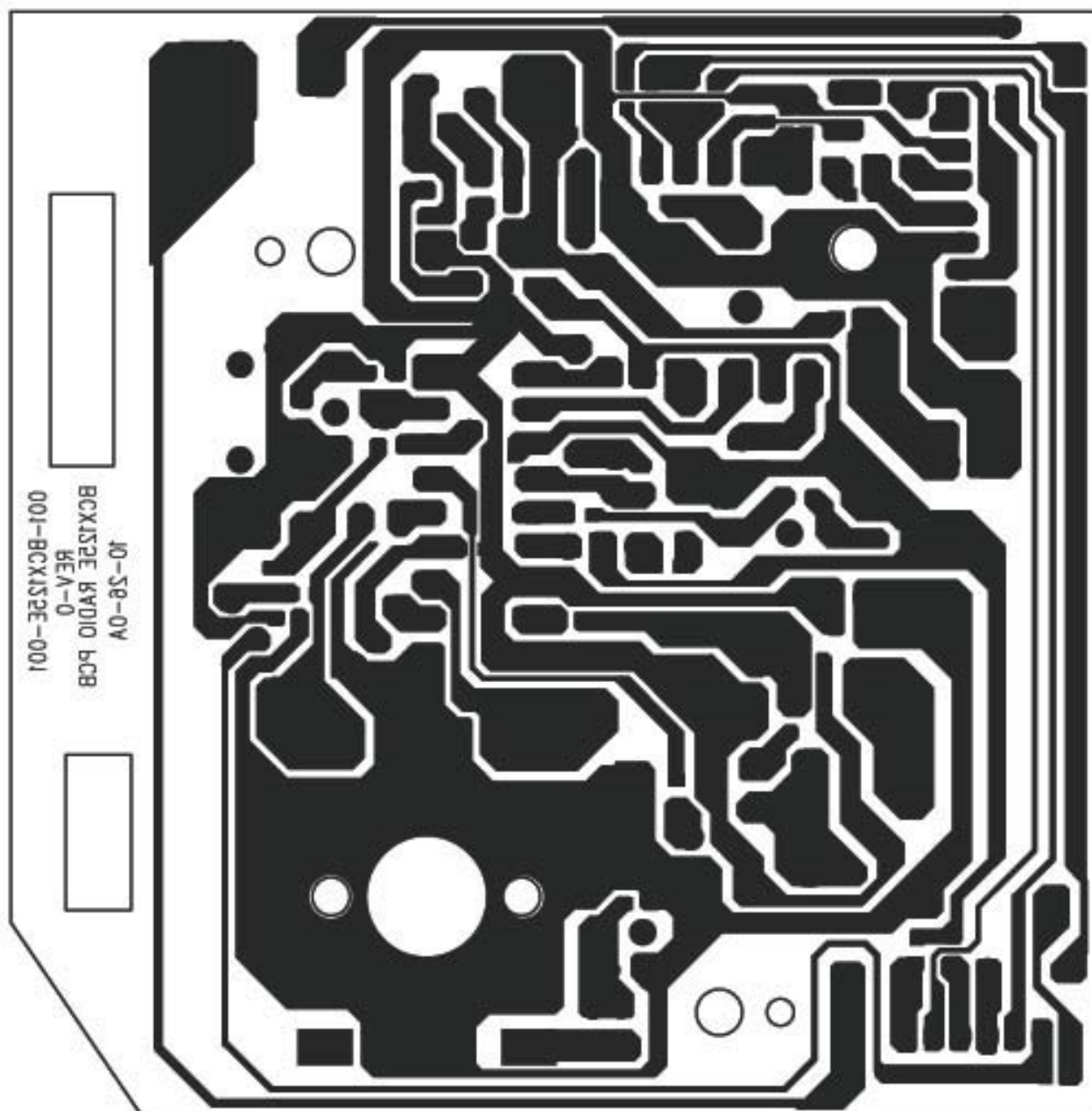


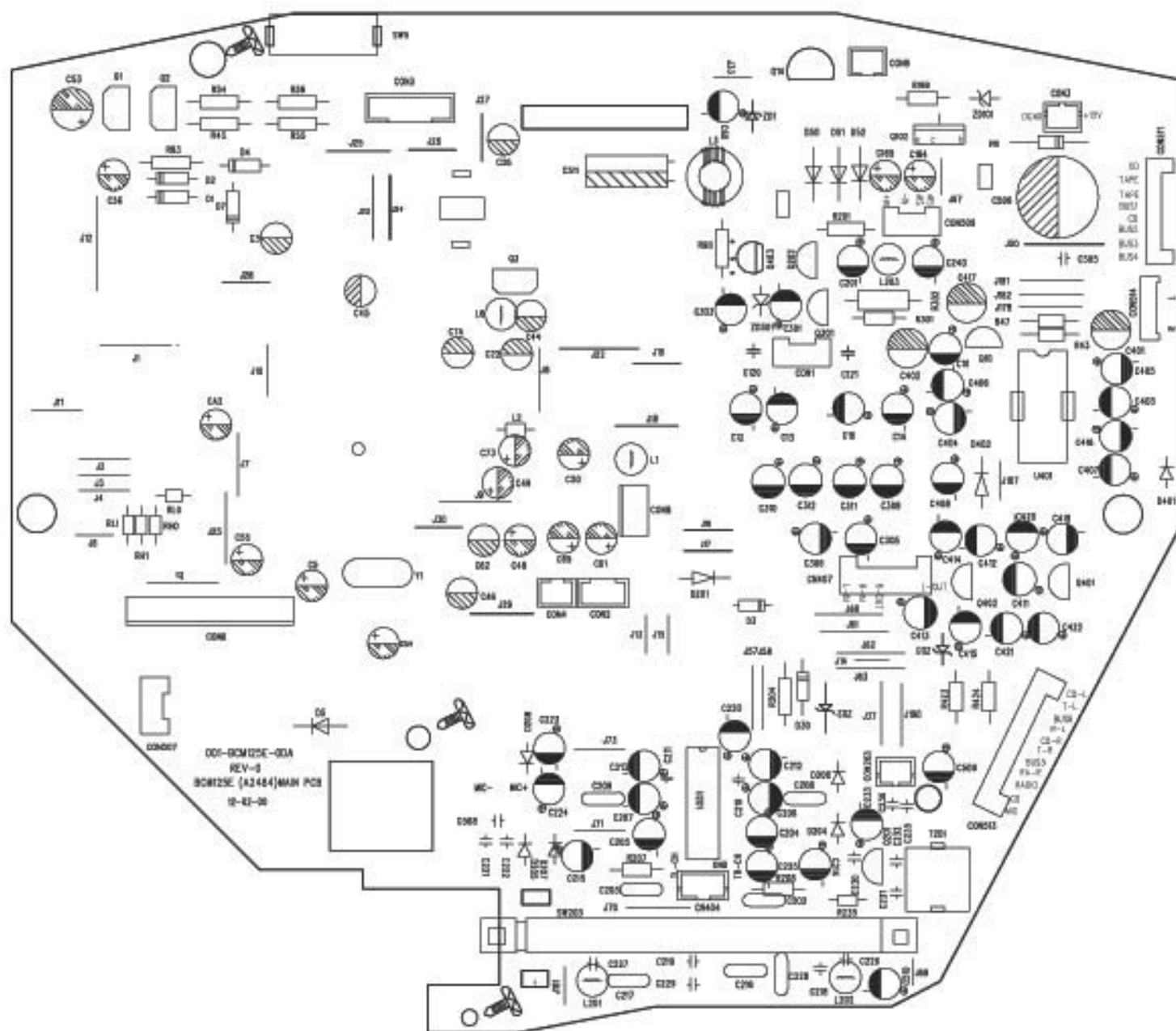
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SCHEMATIC DIAGRAM				
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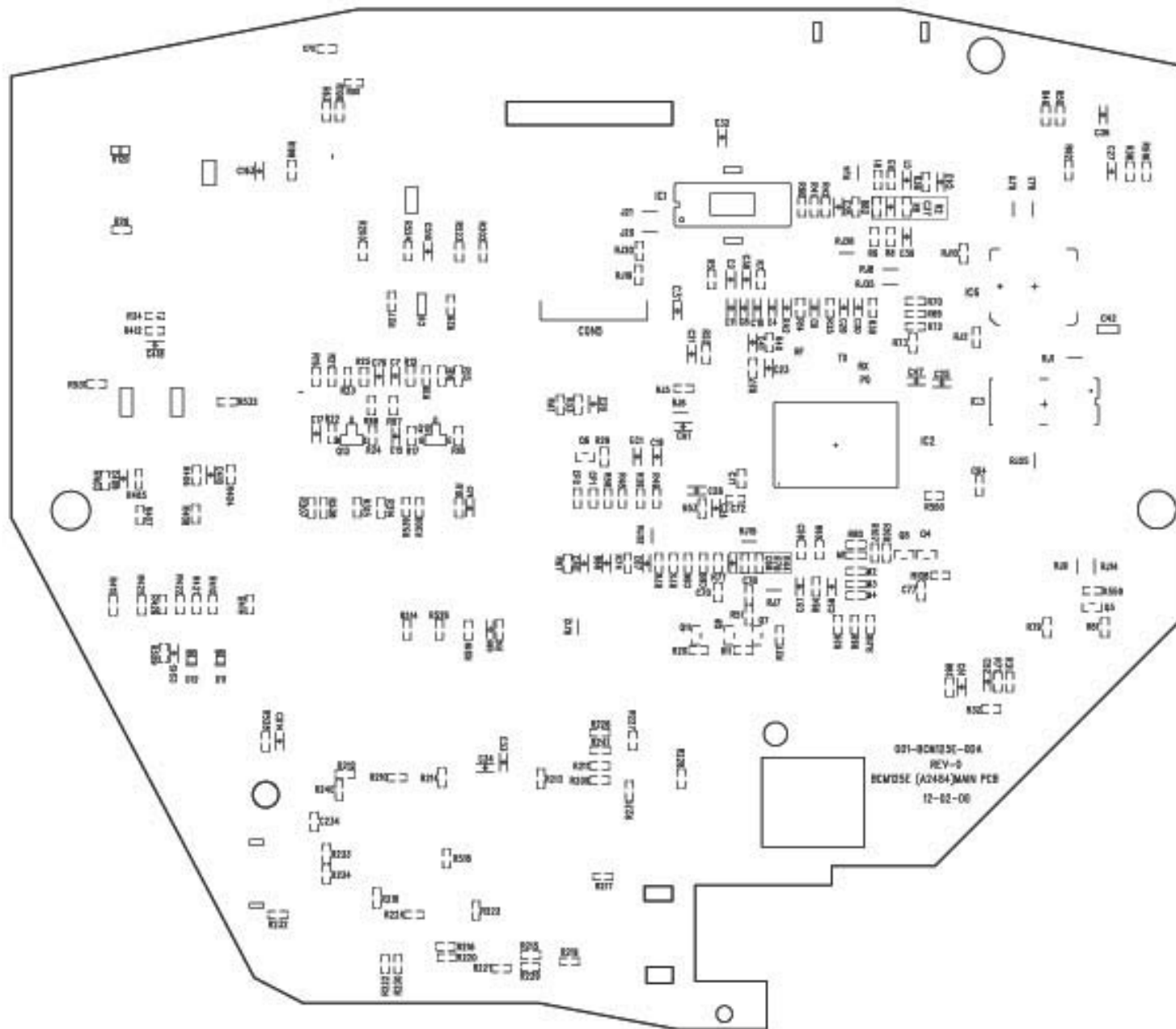


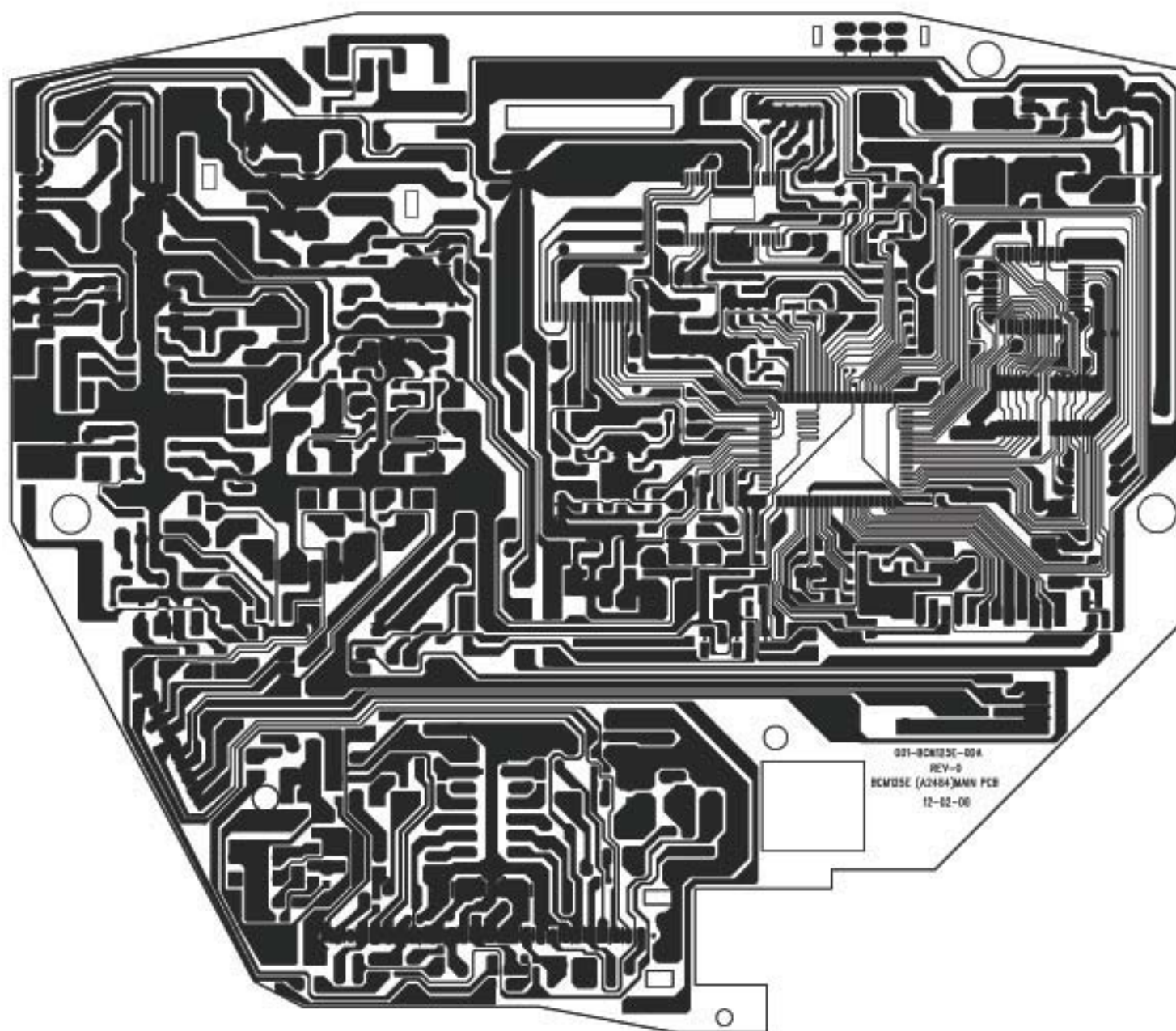


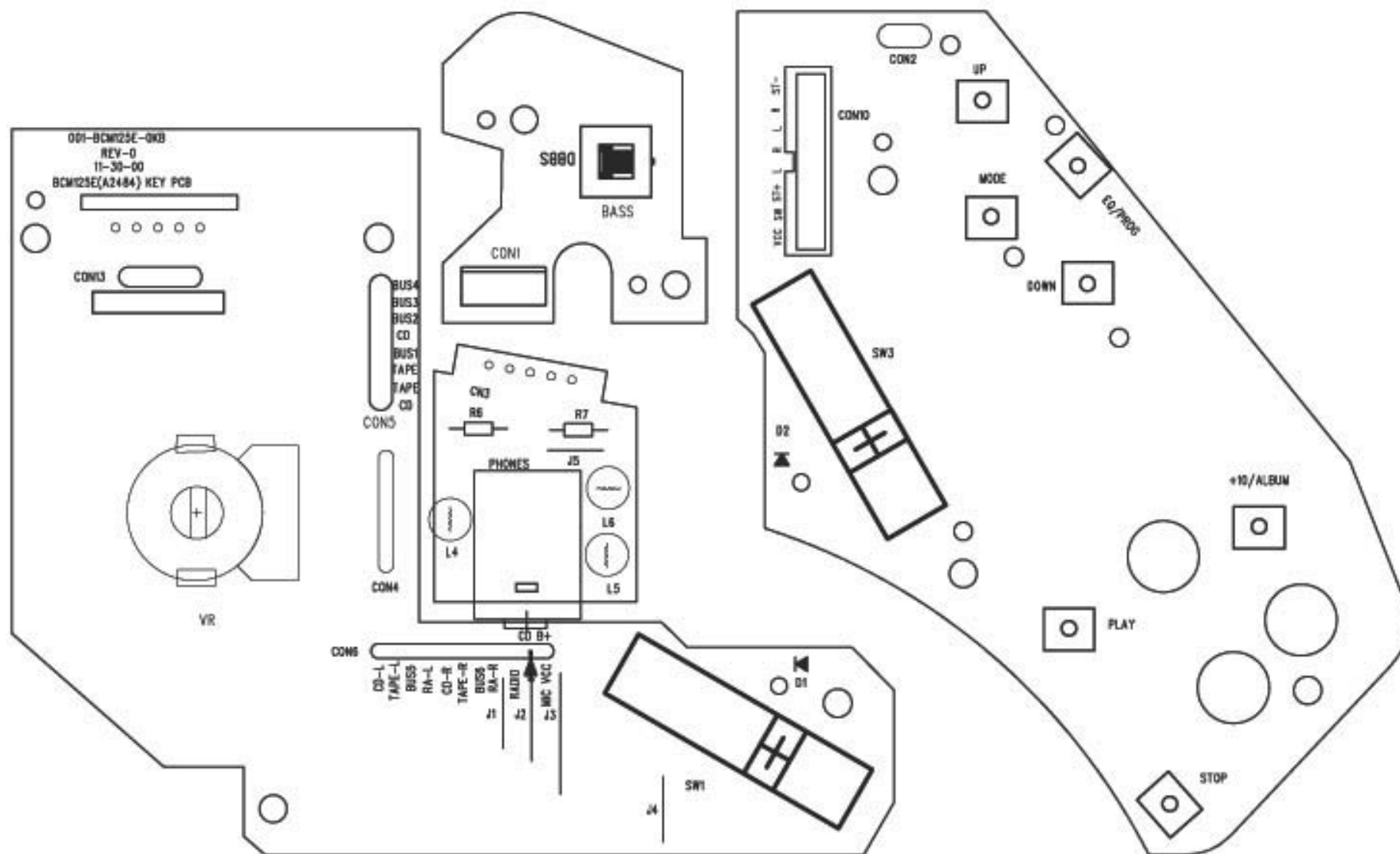


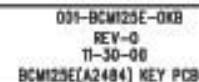


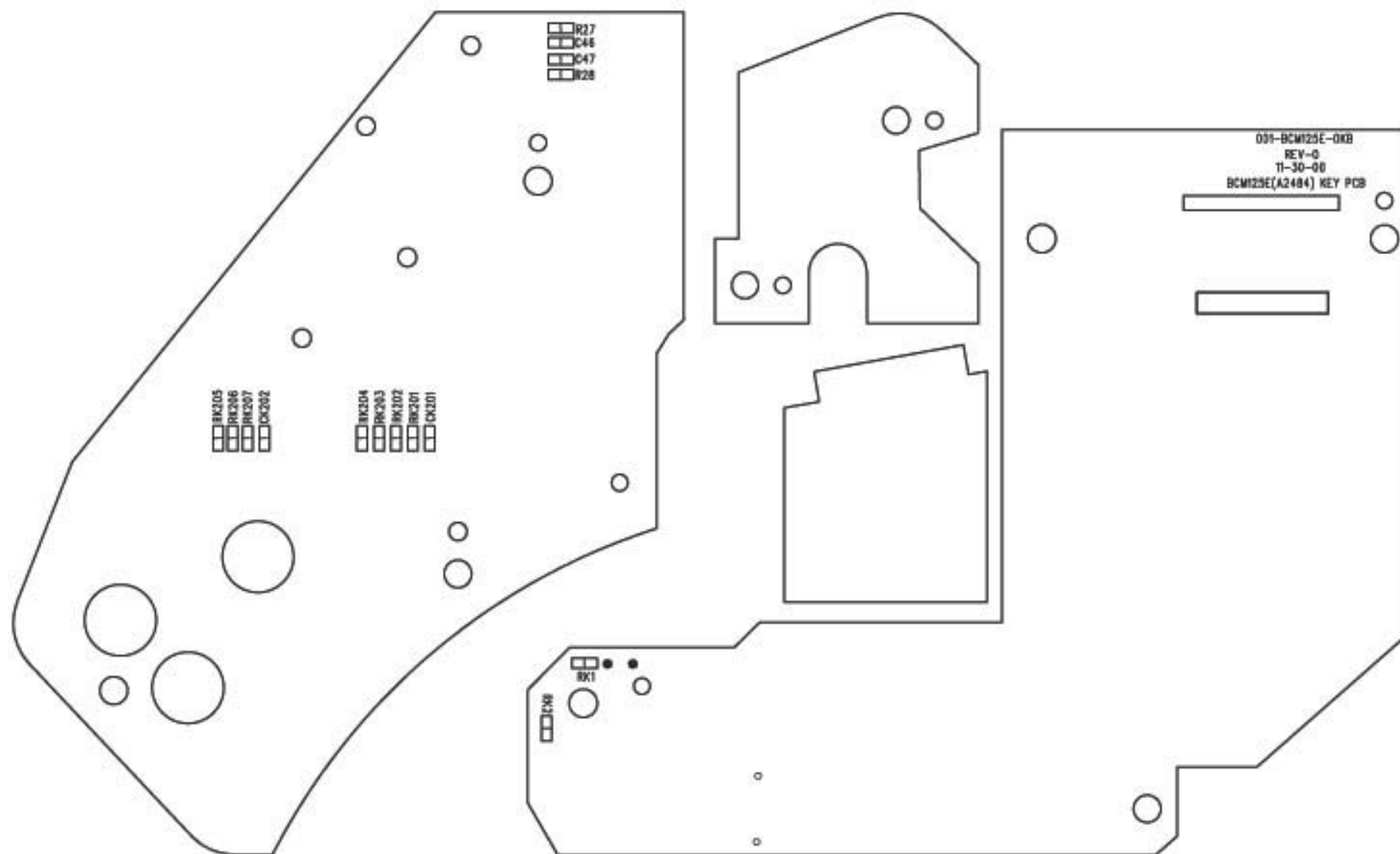












001-8CM125E-00B
A2484 MP3 REV-0
11-22-00



01



LCD

CON2

CON1

CON3

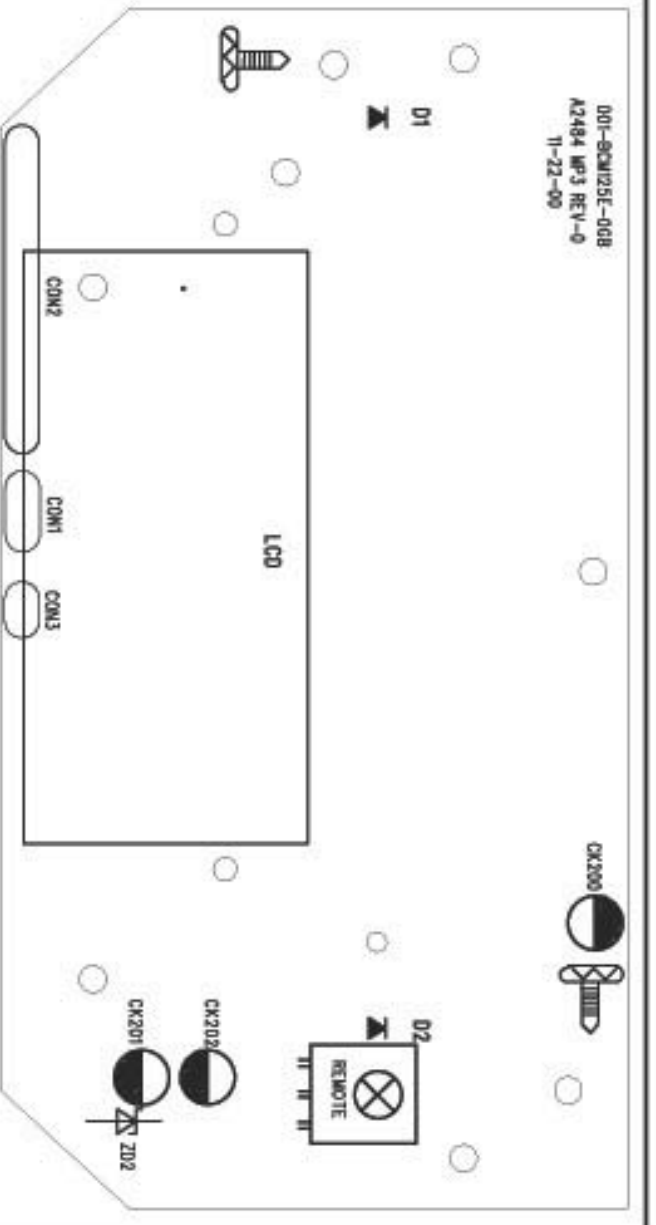
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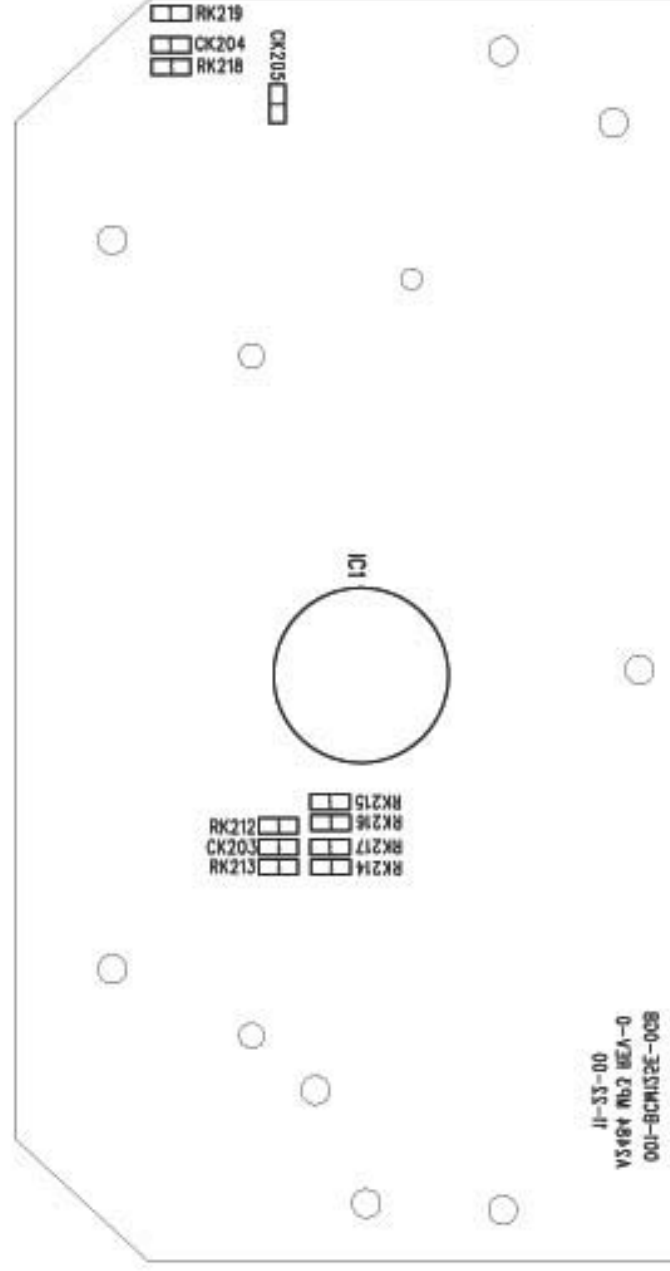


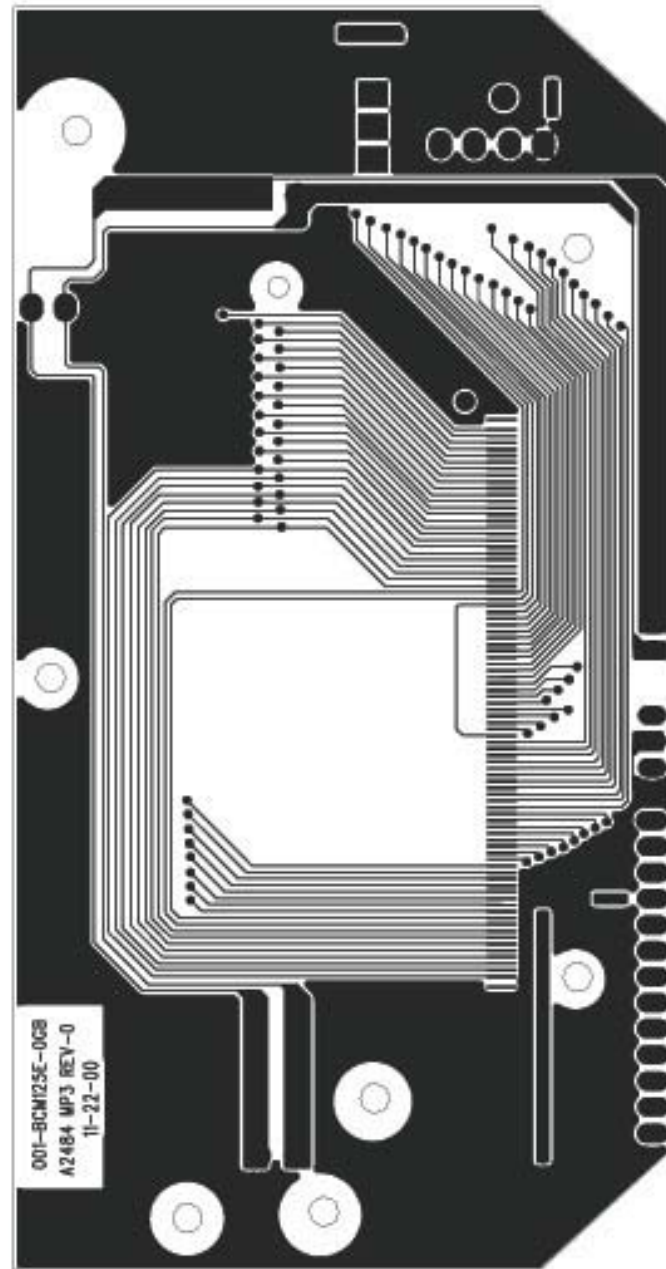
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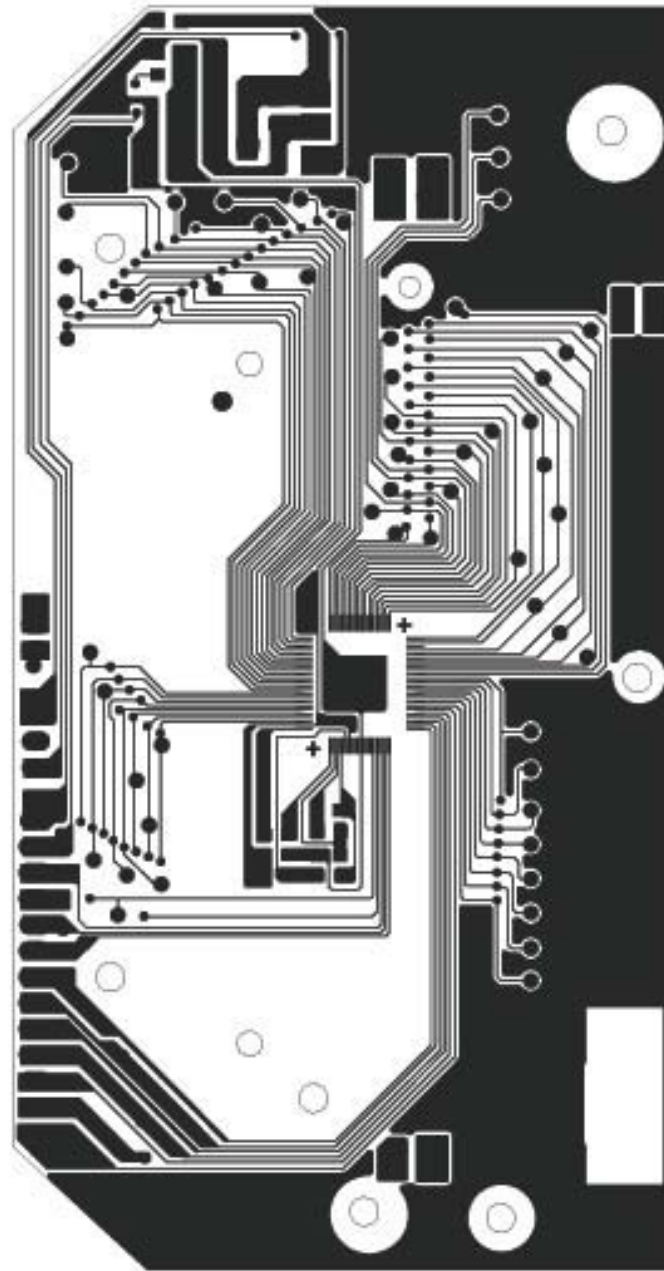


ZD2

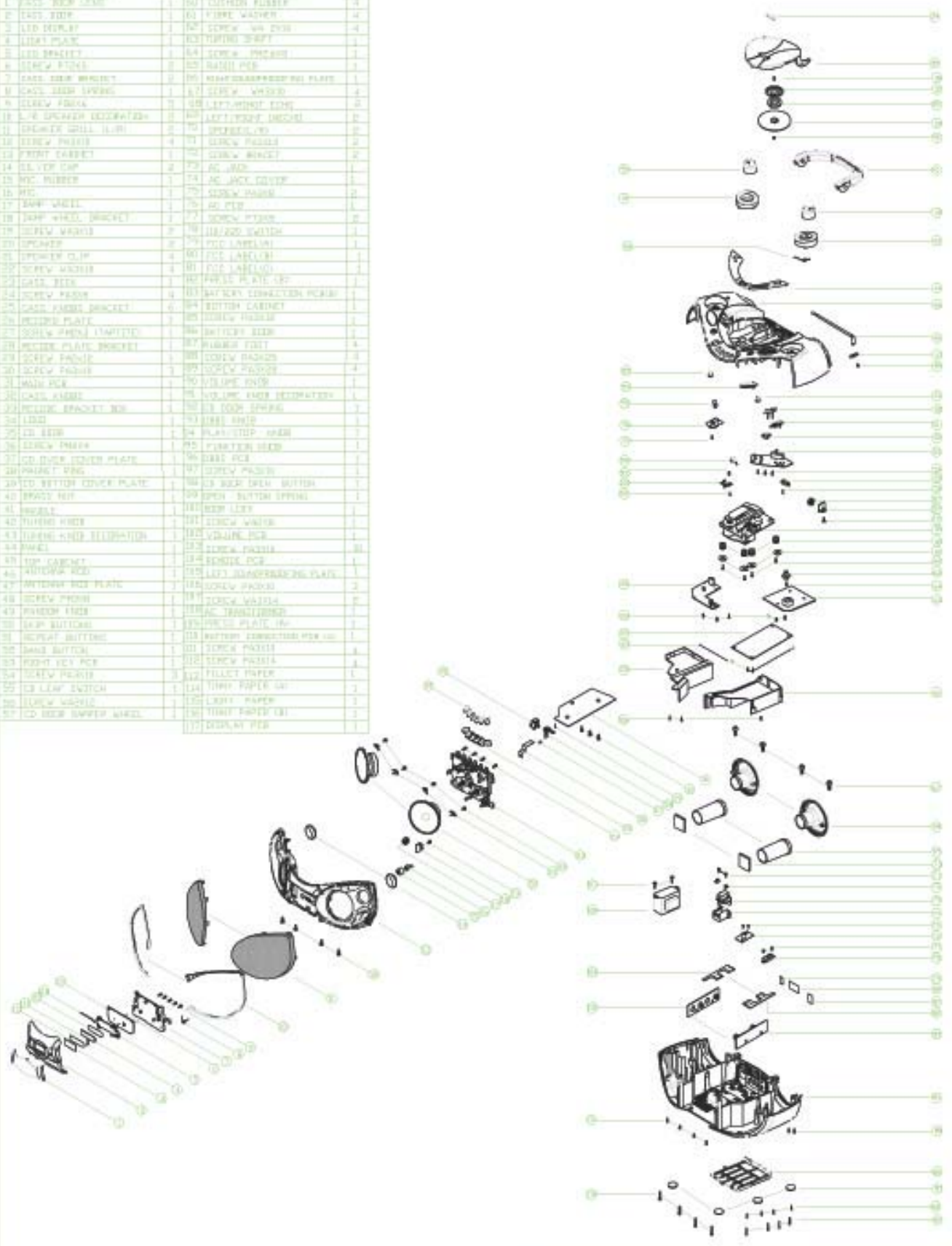








AL-DEI-F11/PVE.0/AUG.01.2002	DESCRIPTION	QTY
1	1. CASE REAR LEAD	1
2	2. CASE TOP	1
3	3. LED DISPLAY	1
4	4. LED PLATE	1
5	5. LED BRACKET	1
6	6. SCREW PINS	2
7	7. CASE SIDE BRACKET	2
8	8. CASE SIDE SPRING	2
9	9. SCREW PINS	2
10	10. L.F. SPEAKER DEGRATER	2
11	11. SPEAKER GRILL (L/R)	2
12	12. SCREW PINS	4
13	13. FRONT BRACKET	1
14	14. SILVER CAP	2
15	15. RUC RUBBER	1
16	16. RUC	1
17	17. JUMP WHEEL BRACKET	1
18	18. SCREW PINS	2
19	19. SPEAKER	2
20	20. SPEAKER CLIP	4
21	21. SCREW PINS	4
22	22. CASE SIDE	1
23	23. SCREW PINS	4
24	24. CASE PINS	4
25	25. CASE PINS BRACKET	4
26	26. PINS PLATE	1
27	27. SCREW PINS (TAPPED)	1
28	28. PINS PLATE BRACKET	1
29	29. SCREW PINS	1
30	30. SCREW PINS	1
31	31. MAIN PCB	1
32	32. CASE PINS	1
33	33. PINS BRACKET BOX	1
34	34. LENS	1
35	35. CD SIDE	1
36	36. SCREW PINS	1
37	37. CD OVER COVER PLATE	1
38	38. FRONT PINS	1
39	39. CD BOTTOM COVER PLATE	1
40	40. FRONT HUB	1
41	41. BRACKET	1
42	42. TURNING HUB	1
43	43. TURNING HUB DEGRATER	1
44	44. HUB	1
45	45. TOP CABINET	1
46	46. ANTENNA HUB	1
47	47. ANTENNA HUB PLATE	1
48	48. SCREW PINS	1
49	49. PINS HUB	1
50	50. JUMP BUTTON	1
51	51. JUMP BUTTON	1
52	52. JUMP KEY PCB	1
53	53. SCREW PINS	1
54	54. CD LEAF SWITCH	1
55	55. SCREW PINS	1
56	56. CD OVER COVER WHEEL	1
57	57. DISPLAY PCB	1
58	58. DAMPER WHEEL BRACKET	1
59	59. CD SIDE	1
60	60. OUTSIDE RUBBER	1
61	61. FIBRE WASHER	1
62	62. SCREW W/ WASH	1
63	63. TURNING BRACKET	1
64	64. SCREW PINS	1
65	65. RUC PLATE	1
66	66. MAINBOARD/FRONT PLATE	1
67	67. SCREW PINS	1
68	68. LEFT/RIGHT HUB	1
69	69. LEFT/RIGHT HUB	1
70	70. SPEAKER/CD	1
71	71. SCREW PINS	1
72	72. SCREW BRACKET	1
73	73. AC JACK	1
74	74. AC JACK COVER	1
75	75. SCREW PINS	1
76	76. AC PIN	1
77	77. SCREW PINS	1
78	78. JUMP/STOP SWITCH	1
79	79. PCB LABELING	1
80	80. PCB LABELING	1
81	81. PCB LABELING	1
82	82. PRESS PLATE (P)	1
83	83. BATTERY CONNECTION PCB	1
84	84. BOTTOM CABINET	1
85	85. SCREW PINS	1
86	86. BATTERY SIDE	1
87	87. RUBBER FOOT	1
88	88. SCREW PINS	1
89	89. SCREW PINS	1
90	90. VOLUME PCB	1
91	91. VOLUME PCB DEGRATER	1
92	92. CD SPRING	1
93	93. HUB	1
94	94. PLAY/STOP HUB	1
95	95. FUNCTION HUB	1
96	96. CASE PCB	1
97	97. SCREW PINS	1
98	98. CD OVER OPEN BUTTON	1
99	99. OPEN BUTTON SPRING	1
100	100. HUB LIFT	1
101	101. SCREW PINS	1
102	102. VOLUME PCB	1
103	103. SCREW PINS	1
104	104. SCREW PCB	1
105	105. LEFT/RIGHT HUB PLATE	1
106	106. SCREW PINS	1
107	107. SCREW PINS	1
108	108. SCREW PINS	1
109	109. SCREW PINS	1
110	110. SCREW PINS	1
111	111. SCREW PINS	1
112	112. SCREW PINS	1
113	113. SCREW PINS	1
114	114. TURN PAPER (P)	1
115	115. TURN PAPER (P)	1
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200	200. TURN PAPER (P)	1



更改履历	数量	备注	更改履历
设计者	数量	备注	EXPLODE
审核者	数量	备注	1 第1版 第1次 1
制图	数量	备注	EXD1 大田 田村

DAT H.K. Limited

TP-502AG Part List

Model No : TP-502AG

Part No : BCM125E-A205

Status : MP(量產)

Description : LCD (BONDING) BOARD ST7066 IC

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
1	002-07066-055	I.C. ST7066U-0A [LCD DIRVER]	1	pc	IC1

Model No : TP-502AG

Part No : BCM125E-A003

Status : MP(量產)

Description : AF-S (NOR) BOARD (CD2003GP IC) (NEW MAJESTIC客

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
1	002-02003-G53	I.C. CD2003GP AM/FM RADIO	1	pc	U101
2	002-08854-030	I.C. CSC8854	1	pc	U202
3	004-3-1000	CHOCK COIL 10 MH +/-10% (4.5x6mm)	2	pcs	L7,L8
4	005-C100B-013	RESISTOR 10 OHM 1/16W +/-5%	1	pc	R100
5	005-C121B-013	RESISTOR 120 OHM 1/16W +/-5%	1	pc	R21
6	005-C562B-013	RESISTOR 5.6 K 1/16W +/-5%	1	pc	R41
7	007-101083A	I.F.T. 10MM 1083A (Red)	1	pc	T1
8	007-101083B	I.F.T. 10MM 1083B (Yellow)	1	pc	T3
9	007-10151R	I.F.T. 10MM 151R (Green)	1	pc	T2
10	011-A1048-010	CERAMIC CAP. 0.1 UF 63V +/-20/50%	1	pc	C44
11	011-A1518-020	CERAMIC CAP. 150 PF 63V +/-20/50%	1	pc	C6
12	011-A2008-020	CERAMIC CAP. 20 PF 63V +/-20/50V%	1	pc	C5
13	011-A2208-020	CERAMIC CAP. 22 PF 63V +/-20/50%	1	pc	C19
14	011-A2708-020	CERAMIC CAP. 27 PF 63V +/-20/50%	1	pc	C4
15	012-A1057-003	ELECT. CAP. 1 MFD 16V +/-20% (5x11)	3	pcs	C22,C25,C38
16	012-A1087-003	ELECT. CAP. 1000 MFD 16V +/-20% (10x16)	1	pc	C32
17	012-A2257-003	ELECT. CAP. 2.2 MFD 16V +/-20% (5x11)	2	pcs	C28,C29
18	012-A2277-002	ELECT. CAP. 220 MFD 10V +/-20%	1	pc	C1
19	012-A3357-003	ELECT. CAP. 3.3 MFD 16V +/-20% (5x11)	1	pc	C23
20	012-A4767-003	ELECT. CAP. 47 MFD 16V +/-20% (5x11)	2	pcs	C11,C39
21	012-A4777-002	ELECT. CAP. 470 MFD 10V +/-20%	1	pc	C36
22	013-A1026-000	MYLAR CAP. 0.001 UF +/-10%	1	pc	C24
23	017-51355	Ferrite Bar 5x13x55mm	1	pc	
24	018-05-01	BAR HOLDER 5MM (5X13)	1	pc	
25	019-10.7M-04	CERAMIC FILTER LT10.7MA5-A (RED) 3 PIN	1	pc	CF2
26	019-20	CERAMIC FILTER SFU465B	1	pc	CF1
27	021-700	DIODE ZENER 5.1V BZX55C5V1	1	pc	Z02
28	023-00231-105D	P.V.C. AM/FM CBM-443DF-1DF 120-220gf.cm (T15)	1	pc	
29	025-010K3	SEMI FIXED 10K OHM 3 PIN +,-20%	1	pc	VR1
30	033-125-20	AM COIL 125:20	1	pc	AM COIL
31	035-4535-01	FM Coil 4.5mm x 3 1/2T	1	pc	L2
32	035-4545-01	FM Coil 4.5mm x 4 1/2T	1	pc	L6
33	035-5025-01	FM Coil 5mm x 2 1/2T	1	pc	L3
34	036-BB109C-UL04AW-P2	4 PIN WIRE 180MMx3,1 UL2457/1007 (Hx1) BBM109C	1	pc	
35	079-174	Eyelet 1.7x4mm	2	pcs	
36	081-KM 264	Screw K2.6x4M	2	pcs	2/FOR PVC
37	083-100R	Jumper Wire (8x1.2) 100mm Red	1	pc	1/RADIO PCB CON9-RADIO PCB CON1

DAT H.K. Limited

TP-502AG Part List

Model No : TP-502AG

Part No : BCM125E-A004

Description : AF-S (SMT) BOARD (CD2003GP IC) (NEW MAJESTIC客

Page : 1

Status : MP(量産)

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
1	001-BCX125E-001	P.C.B BCX125E AM/FM STEREO S-SIDE BOARD REV-0	1	pc	
2	005-S000B-013	CHIP RESISTOR 0 OHM (0603) +/-5% 1/16W	6	pcs	C3,C35,C46,R2,R3,R22
3	005-S100B-013	CHIP RESISTOR 10 OHM (0603) +/-5% 1/16W	1	pc	R7
4	005-S101B-013	CHIP RESISTOR 100 OHM (0603) +/-5% 1/16W	1	pc	R4
5	005-S102B-013	CHIP RESISTOR 1 K (0603) +/-5% 1/16W	2	pcs	R10,R13
6	005-S103B-013	CHIP RESISTOR 10 K (0603) +/-5%	3	pcs	R14,R25,R26
7	005-S104B-013	CHIP RESISTOR 100K (0603) +/-5%	1	pc	R5
8	005-S224B-013	CHIP RESISTOR 220K (0603) +/-5%	1	pc	R16
9	005-S332B-013	CHIP RESISTOR 3.3K (0603) +/-5%	4	pcs	R19,R17,R18,R20
10	005-S470B-013	CHIP RESISTOR 47 OHM (0603) +/-5% 1/16W	1	pc	R1
11	005-S561B-013	CHIP RESISTOR 560 OHM (0603) +/-5% 1/16W	1	pc	R15
12	016-S1036-006	CHIP CAPACITOR 0.01UF 50V (0603) +/-10%	1	pc	C51
13	016-S1046-004	CHIP CAPACITOR 0.1 UF 25V (0603) +/-10%	9	pcs	C10,C16,C20,C31,C33,C37,C40,C49,C50
14	016-S3005-006	CHIP CAPACITOR 30 PF 50V (0603) +/-5% NP	4	pcs	C9,C13,C14,C15
15	016-S6816-006	CHIP CAPACITOR 680 PF 50V (0603) +/-10%	1	pc	C34
16	016-S6826-006	CHIP CAPACITOR 6800 PF 50V (0603) +/-10%	4	pcs	C2,C26,C27,C30
17	021-005-S	DIODE LL4148 (SMT)	2	pcs	D7,D8

Model No : TP-502AG

Part No : BCM125E-A104

Description : POWER+AVID-A2484 (NOR) BOARD ST

Status : MP(量産)

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
1	002-02484-0A1	I.C. A2484 CD/MP3 BOOMBOX SERVO	1	pc	IC2
2	002-03220-H12	I.C. HWCAT LA3220 2 CH EQUALIZER AMP	1	pc	U201
3	002-08227-037	I.C. D8227	1	pc	U401
4	002-09258-053	I.C. D9258 4-CH MOTOR DRIVER	1	pc	IC1
5	002-0DRAM-040	I.C. Re-used (4Megx4 Dram) 40SEC	1	pc	IC6
6	002-27512-045	I.C. HT27LC512	1	pc	IC3
7	003-00882-004	TRANSISTOR 2SD882/3DA882/HS882 (NPN) TO-126	1	pc	Q102
8	003-08050-014	TRANSISTOR S8050 TO-92	4	pcs	Q10,Q14,Q301,Q403
9	003-08550-N14	TRANSISTOR 8550N NEC TO-92 PNP STS8550/S8550	3	pcs	Q1,Q2,Q3
10	003-09014-C10	TRANSISTOR 9014C CS TO-92	2	pcs	Q401,Q402

DAT H.K. Limited

TP-502AG Part List

Model No : TP-502AG

Part No : BCM125E-A104

Status : MP(量産)

Description : POWER+AVID-A2484 (NOR) BOARD ST

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
11	004-3-150	CHOCK COIL 15 UH +/-10% RC0308T-150K (V-)	1	pc	L203
12	004-3-3R3	AXIAL COIL 3.3 UH @3x7MM AL0305-3R3K	2	pcs	L1,L2
13	004-35-100	AXIAL COIL 10 UH +/-10% SP0410-100K	1	pc	L6
14	005-C010B-023	RESISTOR 1 OHM 1/4W +/-5%	1	pc	R90
15	005-C100B-043	RESISTOR 10 OHM 1/2W +/-5%	2	pcs	R201,302
16	005-C203B-013	RESISTOR 20 K 1/16W +/-5%	2	pcs	RL1,RH0
17	005-C221B-023	RESISTOR 220 OHM 1/4W +/-5%	1	pc	R83
18	005-C270B-023	RESISTOR 27 OHM 1/4W +/-5%	4	pcs	R45,R54,R55,R56
19	005-C330B-023	RESISTOR 33 OHM 1/4W +/-5%	2	pcs	R207,R208
20	005-C331B-023	RESISTOR 330 OHM 1/4W +/-5%	2	pcs	R199,R204
21	005-C471B-013	RESISTOR 470 OHM 1/16W +/-5%	1	pc	R301
22	005-C561B-023	RESISTOR 560 OHM 1/4W +/-5%	2	pcs	R47,R423
23	005-C56XB-023	RESISTOR 5.6 OHM 1/4W	1	pc	R43
24	010-3037-01	Heatsink NL3037	1	pc	1/FOR U401 D8227
25	010-CD190-03	HEATSINK CDR190B (A)	1	pc	1/FOR Q102 D882
26	011-A1048-010	CERAMIC CAP. 0.1 UF 63V +/-20/50%	2	pcs	C505,C508
27	011-A2008-020	CERAMIC CAP. 20 PF 63V +/-20/50V%	2	pcs	C210,C211
28	011-A2038-030	CERAMIC CAP. 0.02 UF 63V +/-20/50%	1	pc	C222
29	011-A2238-030	CERAMIC CAP. 0.022 UF 63V +/-20/50%	1	pc	C221
30	012-A1057-006	ELECT. CAP. 1 MFD 50V +/-20% (5x11)	12	pcs	C13,C16,C45,C55,C65,C73,C74,C309,C310,C311,C312,C415
31	012-A1067-002	ELECT. CAP. 10 MFD 10V +/-20%	7	pcs	C3,C46,C48,C49,C62,C212,C21
32	012-A1077-003	ELECT. CAP. 100 MFD 16V +/-20%	5	pcs	C22,C26,C50,C405,C406
33	012-A1087-002	ELECT. CAP. 1000 MFD 10V +/-20%	2	pcs	C401,C402
34	012-A2247-003	ELECT. CAP. 0.22 MFD 16V +/-20%	2	pcs	C403,C404
35	012-A2267-003	ELECT. CAP. 22 MFD 16V +/-20% (5x11)	5	pcs	C5,C206,C207,C224,C301
36	012-A2277-002	ELECT. CAP. 220 MFD 10V +/-20%	7	pcs	C12,C14,C42,C44,C56,C225,C3
37	012-A2277-003	ELECT. CAP. 220 MFD 16V +/-20%	2	pcs	C165,C240
38	012-A2277-004	ELECT. CAP. 220 MFD 25V +/-20%	1	pc	C417
39	012-A2287-004	ELECT. CAP. 2200 MFD 25V +/-20% (13x25)	1	pc	C506
40	012-A3377-003	ELECT. CAP. 330 MFD 16V +/-20%	1	pc	C53
41	012-A4757-002	ELECT. CAP. 4.7 MFD 10V +/-20% (5x11)	8	pcs	C204,C205,C214,C215,C411,C412,C509,C510
42	012-A4767-003	ELECT. CAP. 47 MFD 16V +/-20% (5x11)	9	pcs	C54,C60,C61,C164,C223,C407,C408,C416,C421
43	012-A4767-004	ELECT. CAP. 47 MFD 25V +/-20% (5x11)	1	pc	C10
44	012-A4777-002	ELECT. CAP. 470 MFD 10V +/-20%	1	pc	C220
45	012-A4777-003	ELECT. CAP. 470 MFD 16V +/-20%	1	pc	C511
46	013-A2226-000	MYLAR CAP. 0.0022 UF +/-10%	4	pcs	C202,C203,C216,C217
47	013-A2236-000	MYLAR CAP. 0.022 UF +/-10%	2	pcs	C208,C209
48	021-005	DIODE IN4148	7	pcs	D3,D30,D204,D205,D206,D207,D208
49	021-010-2	DIODE IN4001 COSMOS	7	pcs	D1,D2,D7,D10,D50,D51,D52
50	021-300	DIODE ZENER 6.8V	1	pc	ZD2
51	021-5818	DIODE IN5818 DO-41	2	pcs	D4,D5
52	021-Z0039	DIODE ZENER 3.9V 1/2W	1	pc	ZD1
53	021-Z0056	DIODE ZENER 5.6V 0.5W	1	pc	ZD3

DAT H.K. Limited

TP-502AG Part List

Model No : TP-502AG

Part No : BCM125E-A104

Status : MP(量産)

Description : POWER+AVID-A2484 (NOR) BOARD ST

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
54	021-Z0082	DIODE ZENER 8.2V 1/2W	1	pc	ZD301
55	021-Z0091	DIODE ZENER 9.1V 0.5W	1	pc	ZD101
56	024-16.93MHz	RESONATOR CERAMIC 16.93MHz 3PIN	1	pc	Y1
57	029-0304N	PUSH SWITCH PS92D02	1	pc	SW3
58	046-02S-P2	Connector 2 Pin Socket (Pitch=2mm)	3	pcs	CON3,CON4,CON7
59	046-03S-P2	Connector 3 Pin Socket (Pitch=2mm)	2	pcs	CN404,CON8
60	046-04S-P2	Connector 4 Pin Socket (Pitch=2mm)	3	pcs	CON1,CON507,CON509
61	046-05S-P2	Connector 5 Pin Socket (Pitch=2mm)	1	pc	CON514
62	046-06S-E	Connector 6 Pin Socket (ELCO 8370)	1	pc	CN407
63	046-06S-P2	Connector 6 Pin Socket (Pitch=2mm)	1	pc	CON3
64	046-08S-P2	Connector 8 Pin Socket (Pitch=2mm)	1	pc	CON511
65	046-11S-P2	Connector 11 Pin Socket (Pitch=2mm)	1	pc	CON513
66	046-13S-P2	Connector 13 Pin Socket (Pitch=2mm)	1	pc	CON6
67	060-001	Condenser Mic -60+/-2Db @9.7mm.	1	pc	1/咪頭
68	073-KB329-06	RUBBER MIC CAP (460-00060) YF-COVER-@12.1	1	pc	1/FOR MIC
69	079-174	Eyelet 1.7x4mm	7	pcs	
70	080-305	Nut M3x0.5	1	pc	1/FOR Q102 D882
71	081-PM 38	Screw P3x8Mx0.5	1	pc	1/FOR Q102 D882
72	084-180UL	Shield Wire 180mm (Single) UL	1	pc	1/POWER PCB-MIC

Model No : TP-502AG

Part No : BCM125E-A105

Status : MP(量産)

Description : POWER+AVID-A2484 (SMT) BOARD ST

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
1	001-BCM125E-0DA	P.C.B BCM125E PW+REC+CD A2484 S-SIDE BOARD REV-0	1	pc	
2	003-09014-022	CHIP TRANSISTOR S9014C (SOT-23)	6	pcs	Q4,Q8,Q9,Q11,Q12,Q13
3	003-09015-022	CHIP TRANSISTOR S9015 (SOT-23)	3	pcs	Q5,Q6,Q7
4	005-B000B-027	CHIP RESISTOR 0 ohm (1206) +/-5%	17	pcs	RJ1,RJ3,RJ4,RJ6,RJ7,RJ8,RJ9,RJ11,RJ12,RJ14,RJ15,RJ25,RJ32,RJ35,RJ36,J20,J21
5	005-S000B-013	CHIP RESISTOR 0 OHM (0603) +/-5% 1/16W	15	pcs	RJ2,RJ5,RJ10,RJ18,RJ19,RJ20,M1,M3,M4,R38,R514,R516,R526,R528,R529
6	005-S020B-013	CHIP RESISTOR 2 OHM (0603) +/-5% 1/16W	2	pcs	R36,R44
7	005-S100B-013	CHIP RESISTOR 10 OHM (0603) +/-5% 1/16W	1	pc	R63
8	005-S101B-013	CHIP RESISTOR 100 OHM (0603) +/-5% 1/16W	6	pcs	R2,R57,R72,R73,R74,R100
9	005-S102B-013	CHIP RESISTOR 1 K (0603) +/-5% 1/16W	5	pcs	R11,R20,R37,R407,R408
10	005-S103B-013	CHIP RESISTOR 10 K (0603) +/-5% 1/16W	26	pcs	R3,R6,R7,R8,R14,R27,R28,R48,R58,R59,R68,R79,R82,R80,R108,R109,R120,R211,R212,R224,R229,R230,R314,R315,R422,R5

DAT H.K. Limited

TP-502AG Part List

Model No : TP-502AG

Part No : BCM125E-A105

Status : MP(量産)

Description : POWER+AVID-A2484 (SMT) BOARD ST

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
11	005-S104B-013	CHIP RESISTOR 100K (0603) +/-5%	5	pcs	R17,R22,R52,R221,R222
12	005-S105B-013	CHIP RESISTOR 1 M (0603) +/-5% 1/16W	1	pc	R64
13	005-S121B-013	CHIP RESISTOR 120 OHM (0603) +/-5% 1/16W	1	pc	RA10
14	005-S122B-013	CHIP RESISTOR 1.2 K (0603) +/-5%	2	pcs	R13,R15
15	005-S123B-013	CHIP RESISTOR 12K (0603) +/-5% 1/16W	2	pcs	R219,R220
16	005-S150B-013	CHIP RESISTOR 15 OHM (0603) +/-5% 1/16W	1	pc	R29
17	005-S151B-013	CHIP RESISTOR 150 OHM (0603) +/-5% 1/16W	1	pc	R60
18	005-S153B-013	CHIP RESISTOR 15K (0603) +/-5% 1/16W	4	pcs	R1,R31,R32,R226
19	005-S154B-013	CHIP RESISTOR 150K (0603) +/-5%	1	pc	RA2
20	005-S183B-013	CHIP RESISTOR 18K (0603) +/-5% 1/16W	3	pcs	R107,R240,R41
21	005-S202B-013	CHIP RESISTOR 2K (0603) +/-5% 1/16W	3	pcs	R39,R49,R51
22	005-S203B-013	CHIP RESISTOR 20K (0603) +/-5% 1/16W	2	pcs	R5,R9
23	005-S220B-013	CHIP RESISTOR 22 OHM (0603) +/-5% 1/16W	2	pcs	R81,R101
24	005-S222B-013	CHIP RESISTOR 2.2K (0603) +/-5%	6	pcs	R4,R10,R62,R410,R421,R519
25	005-S223B-013	CHIP RESISTOR 22K (0603) +/-5% 1/16W	3	pcs	R12,R25,R34
26	005-S22XB-013	CHIP RESISTOR 2.2 OHM (0603) +/-5% 1/16W	2	pcs	R531,R532
27	005-S271B-013	CHIP RESISTOR 270 OHM (0603) +/-5% 1/16W	2	pcs	R403,R404
28	005-S272B-013	CHIP RESISTOR 2.7K (0603) +/-5%	2	pcs	R414,R415
29	005-S273B-013	CHIP RESISTOR 27K (0603) +/-5% 1/16W	1	pc	R560
30	005-S331B-013	CHIP RESISTOR 330 OHM (0603) +/-5% 1/16W	1	pc	R65
31	005-S332B-013	CHIP RESISTOR 3.3K (0603) +/-5% 1/16W	11	pcs	R16,R19,R21,R23,R76,R78,R87,R88,R307,R308,R523
32	005-S333B-013	CHIP RESISTOR 33K (0603) +/-5% 1/16W	2	pcs	R215,R216
33	005-S471B-013	CHIP RESISTOR 470 OHM (0603) +/-5% 1/16W	2	pcs	R30,R35
34	005-S472B-013	CHIP RESISTOR 4.7K (0603) +/-5%	4	pcs	R198,R209,R210,R228
35	005-S512B-013	CHIP RESISTOR 5.1K (0603) +/-5%	3	pcs	R42,R46,R50
36	005-S560B-013	CHIP RESISTOR 56 OHM (0603) +/-5% 1/16W	1	pc	R33
37	005-S561B-013	CHIP RESISTOR 560 OHM (0603) +/-5% 1/16W	2	pcs	R18,R24
38	005-S564B-013	CHIP RESISTOR 560K (0603) +/-5%	1	pc	R231
39	005-S622B-013	CHIP RESISTOR 6.2K (0603) +/-5%	1	pc	R40
40	005-S681B-013	CHIP RESISTOR 680 OHM (0603) +/-5% 1/16W	2	pcs	R217,R218
41	005-S682B-013	CHIP RESISTOR 6.8K (0603) +/-5% 1/6W	3	pcs	R75,R77,R559
42	005-S683B-013	CHIP RESISTOR 68K (0603) +/-5% 1/16W	2	pcs	R213,R214
43	005-S750B-013	CHIP RESISTOR 75 OHM (0603) +/-5% 1/16W	1	pc	R53

DAT H.K. Limited

TP-502AG Part List

Model No : TP-502AG

Part No : BCM125E-A105

Status : MP(量產)

Description : POWER+AVID-A2484 (SMT) BOARD ST

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
44	016-S1015-006	CHIP CAPACITOR 100 PF 50V (0603) +/-5% NPO	2	pcs	C15,C17
45	016-S1026-006	CHIP CAPACITOR 0.001UF 50V (0603) +/-10%	12	pcs	CP1,CP2,C1,C2,C6,C23,C66,C67,C68,C69,C409,C410
46	016-S1036-006	CHIP CAPACITOR 0.01UF 50V (0603) +/-10%	5	pcs	CA1,C18,C37,C38,C39
47	016-S1046-004	CHIP CAPACITOR 0.1 UF 25V (0603) +/-10%	26	pcs	C9,C19,C20,C21,C24,C25,C27,C28,C29,C30,C31,C32,C35,C36,C42,C43,C47,C59,C64,C70,C71,C72,C75,C77,C163,C516
48	016-S1526-006	CHIP CAPACITOR 0.0015UF 50V (0603) +/-10%	2	pcs	C51,C52
49	016-S2226-006	CHIP CAPACITOR 0.0022UF 50V (0603) +/-10% X7R	2	pcs	C79,C80
50	016-S2236-006	CHIP CAPACITOR 0.022 UF (0603) +/-	2	pcs	C4,C8
51	016-S3005-006	CHIP CAPACITOR 30 PF 50V (0603) +/-5% NP	2	pcs	C57,C58
52	016-S4716-006	CHIP CAPACITOR 470PF 50V (0603) +/-10%	2	pcs	C78
53	016-S4726-006	CHIP CAPACITOR 0.0047UF 50V (0603) +/-10	1	pc	C11
54	016-S6816-006	CHIP CAPACITOR 680 PF 50V (0603) +/-10%	1	pc	C41
55	016-S6837-006	CHIP CAPACITOR 0.068UF 50V (0603) +/-20%	2	pcs	C7,C76
56	021-005-S	DIODE LL4148 (SMT)	1	pc	D11

Model No : TP-502AG

Part No : BCM125E-B007

Status : MP(量產)

Description : MECHANISM 230V ST CE/EMC METAL GRILL

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
1	012-A2277-003	ELECT. CAP. 220 MFD 16V +/-20%	1	pc	1/FOR MOTOR (+-)
2	028-025	AC SOCKET COVER FOR VDE	1	pc	1/AC插保護蓋
3	028-AC MKJ-102	AC SOCKET VDE APP:D MKJ-102	1	pc	
4	029-1196	ROCKER SWITCH HF-606P	1	pc	1/POWER開關
5	036-BC125-03AW-P2	3 Pin Wire 180mm (Shield Wire) P=2mm Hx1BCX125	1	pc	1/POWER PCB-CASS DECK HEAD
6	036-BC125-04W-P2	4 PIN WIRE 240MMx2 160mmx2 (8x0.12) HX1 P=2MM BCX125A	1	pc	1/功放板到卡式機芯
7	040-BCX125A	ANTENNA ROD L=552MM BCX125A-	1	pc	
8	048-PC6	VDE App Cordset 6FT	1	pc	
9	053-0CD52-01	PVC PLATE 50x40x0.3mm CD52AM	1	pc	PCB處
10	056-D96SY	CASS. DECK CD56M - STEREO R4220M M-HEAD 12V MOTOR	1	pc	
11	057-SI321-45-4CFX-5W	Speaker 3 1/2" 45mm (4 ohm) 5W (CIRCLE) FOAM EDGE WITH SILVER	2	pcs	
12	058-T3108VA	AC Transformer EI-48 (16x23.5mm) 230V 50 Hz 12.5V CE APP W/FUSE 125VA (H)	1	pc	

DAT H.K. Limited

TP-502AG Part List

Model No : TP-502AG

Part No : BCM125E-B007

Status : MP(量產)

Description : MECHANISM 230V ST CE/EMC METAL GRILL

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
13	066-38N	Silver Cap. @38mm For BCX125E	2	pcs	
14	069-04	Cable Tie 4 HDS-2.1x100 (WHITE)	5	pcs	2/白扎線 3/扎機內線
15	071-BCX125A-01	SPONGE 50x50x4mm (Black)	2	pcs	2/左右回音筒
16	073-025-25-02	Rubber 25x25x2mm	2	pcs	PCB處
17	073-DH601C-02	RUBBER FOOT @13.5x4MM (ONE SIDE TAPE)	4	pcs	4/BOTTOM CABINET
18	073-KB329-06	RUBBER MIC CAP (460-00060) YF-COVER-@12.1	1	pc	
19	074-03-001N	Speaker Clip New 110	2	pcs	2/FOR SPK
20	074-03-002N	Speaker Clip New CD36	2	pcs	2/FOR SPK
21	075-50-10-005	Felt Tape 50x10x0.5mm	4.5	pcs	4.5/貼機內擺線
22	077-24	Fibre Washer 3x6x0.8mm	1	pc	1/打CD鈕
23	077-49	Fibre Washer 5x2.1x0.8mm	1	pc	(打CD鈕)
24	078-BCX125A-02	ANTENNA SOLDER PLATE BCX125A-	1	pc	
25	078-BCX125A-03	RECORDING PLATE BCX125A-203	1	pc	
26	078-BCX125E-01LB	SPEAKER GRILL BCX125E "L"	1	pc	
27	078-BCX125E-01RB	SPEAKER GRILL BCX125E "R"	1	pc	
28	078-CD109B-03	BATTERY PLATE + CD109B-203	4	pcs	
29	081-KA 312	Screw K3x12A	2	pcs	2/邊制板
30	081-PA 212	Screw P2x12A	4	pcs	1/功放板與頂殼 3/卡門
31	081-PA 310	Screw P3x10A	28	pcs	1/BBS PCB 4/TOP CAB-FRONT CAB 4/BOTTOM CAB-FRONT CAB 3/TUNING PCB 3/L/R KEY PCB 2/RADIO PCB 5/POWER PCB 3/左右隔音板
32	081-PA 314	Screw P3x14A	4	pcs	4/BOTTOM CABINET-TOP CABINET
33	081-PA 325	Screw P3x25A	4	pcs	4/BOTTOM CABINET-TOP CABINET
34	081-PA 328	Screw P3x28A	4	pcs	4/底殼與頂殼
35	081-PA 38	Screw P3x8A	6	pcs	4/CASS DECK 2/AC PCB
36	081-PM 23TAPTITE	Screw P2x3M (Taptite)	1	pc	1/REC PALTE-CASS DECK
37	081-PM 268	Screw P2.6x8M	1	pc	1/PVC-TUNING SHAFT
38	081-PM 38	Screw P3x8Mx0.5	1	pc	1/ANTENNA ROD
39	081-PT 210	Screw P2x10T	4	pcs	4/CASS DOOR-CASS DOOR BRACKET
40	081-PT 25	Screw P2x5T	2	pcs	2/DISPLAY PCB-LCD BRACKET
41	081-WA 210	Screw W2x10A	1	pc	1/CD DOOR SWITCH
42	081-WA 310	Screw W3x10A	7	pcs	1/卡式機芯阻尼輪 2/邊制板 4/左右回音筒
43	081-WA 314	Screw W3x14A	4	pcs	2/AC TRAN 2/AC SOCKET
44	081-WA 38	Screw 3x8 (WA)	4	pcs	4/固定喇叭碼
45	083-120R	Jumper Wire (8x1.2) 120mm Red	1	pc	1/BATT (+)-DC PCB
46	083-150R	Jumper Wire (8x1.2) 150mm Red	1	pc	1/FM ANT-RADIO PCB
47	083-250BK	Jumper Wire (8x1.2) 250mm Black	5	pcs	1/BATT (-)-AC SOCKET,1/AC SOCKET-DC PCB (-),1/POWER PCB-SPK L (-),2/AC PCB-POWER SWITCH
48	083-250Y	Jumper Wire (8x1.2) 250mm Yellow	1	pc	1/POWER PCB-SPK L (+)

DAT H.K. Limited

TP-502AG Part List

Model No : TP-502AG

Part No : BCM125E-B102

Status : MP(量產)

Description : MECHANISM AVID-A2484+DA11V DECK

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
49	083-400BK	Jumpre Wire (8x1.2) 400mm Black	1	pc	1/POWER PCB-SPK R (-)
50	083-400R	Jumper Wire (8x1.2) 400mm Red	1	pc	1/POWER PCB-SPK R (+)
51	087-BCX125A-01	CASSETTE DOOR SPRING BCX125A-	1	pc	
52	087-CD210-03	BATTERY SPRING - CD210-204 (NEW)	4	pcs	
1	009-16-120SW1	FPC CABLE 16 Pin x 120MM P=1MM 一邊焊一邊插	1	pc	1/CD PCB-CD DECK
2	029-038	MICRO SWITCH LS-323	1	pc	1/CD SWITCH
3	036-0036-06W3-P2	6 Pin Wire 150mm (5x0.8) Pitch=2mm (Hx2) CD36	1	pc	1/CD PCB-CD DECK
4	036-CD48-UL02W-P2	2 PIN WIRE 230MMx2 UL1007#26 (Hx1) P=2MMCD48	1	pc	1/MAIN PCB-CD DOOR SWITCH
5	056-D192S	CD MECHANISM DA11V [SANYO]	1	pc	
6	061-30	MAGNET RING (4 POLES) 16x30x5mm 160g	1	pc	1/FOR CD DECK
7	073-025-25-02	Rubber 25x25x2mm	2	pcs	1/PCB上 1/貼PCB板
8	073-0CDTL-SONY-5	CD CUSHION FOR TOP LOADING SONY (RED) SW-02-A658	2	pcs	2/FOR CD DECK
9	073-0CDTL-SONY-6	CD CUSHION FOR TOP LOADING SONY (GREEN) SW-02-B658	2	pcs	2/FOR CD DECK
10	075-50-10-005	Felt Tape 50x10x0.5mm	1	pc	1/PCB上
11	077-06	Fibre Washer @3x14x1.2mm	4	pcs	4/FOR CD DECK
12	077-38	Fibre Washer 6x12x0.5MM	2	pcs	2/FOR CD DECK 073-0CDTL-SONY-5
13	077-43	PVC Washer @8x4.3x0.5mm (Black)	1	pc	1/CD門介子
14	078-0CD46-04A	CHUCK HOLD PLATE CD46-1-216 W/O SCREW(SAMSUNG)	1	pc	1/FOR CD DECK
15	081-PA 212	Screw P2x12A	1	pc	1/CD SWITCH
16	081-PA 25	Screw P2x5A	1	pc	1/FOR CD COVER PLATE
17	081-WA 212	Screw WA2x12	4	pcs	4/FOR CD DECK
18	081-WA 310	Screw W3x10A	1	pc	1/CD GEAR
19	087-BCX125E-01	CD DOOR SPRING @1.0 BCX125E-201	1	pc	
20	087-CD301-03	CD OPEN SPRING CD301-203	1	pc	

Model No : TP-502AG

Part No : BCM125E-A208

Status : MP(量產)

Description : KEY (NOR) BOARD (AVID-A2484) (NEW MAJESTIC客

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
1	005-C121B-013	RESISTOR 120 OHM 1/16W +/-5%	2	pcs	R6,R7
2	009-08-080	Pin Connector 8 Pin x 80mm 26AWG P=2.5MM	1	pc	1/KEY PCB-RADIO PCB
3	022-002RL	Led Lamp 3mm (Red) L=28mm	1	pc	1/POWER LED
4	022-002RLL	Led Lamp 3mm (Red) 3R4PD-7-54	1	pc	1/(CE APP) ST LED
5	027-005	VOL R1615G A20K X2 L=10MM(F)	1	pc	
6	029-0425N	BAND SWITCH M6X3RG9/SS63D01-G9-D22-200	2	pcs	1/波段開關 1/功能開關
7	029-0621	TACT SWITCH TS-00104 A (6X6X5mm)	7	pcs	
8	029-0828	PUSH SWITCH JPS-2285 (8X8)	1	pc	1/BASS開關
9	030-1027P	3.5MM STEREO 3 PIN+2X2JACK ST-203-003AD PLASTIC	1	pc	

DAT H.K. Limited

TP-502AG Part List

Model No : TP-502AG

Part No : BCM125E-A208

Status : MP(量產)

Description : KEY (NOR) BOARD (AVID-A2484) (NEW MAJESTIC客

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
10	036-0111E-UL08W-P2	8 PIN WIRE 150MMx8 UL2561#26 (Hx1) P=2MMDVD111E	1	pc	1/KEY PCB-POWER PCB CON511
11	036-BB112-UL11W-P2	11 PIN WIRE 150MMx11 UL2651#28 (Hx1) P=2MM BBX112A	1	pc	1/KEY PCB-POWER PCB CON513
12	036-BC125-UL06W	6 PIN WIRE 150MMx6 UL1007#24 (Hx1)BCX125A	1	pc	1/KEY PCB-POWER PCB
13	036-CD116-UL04W-P2	4 PIN WIRE 200MMx4 UL2651#28 Hx1 P=2MM CD116	2	pcs	1/KEY PCB-POWER PCB,1/DBSS排線
14	036-CD149-UL03W-P2	3 PIN WIRE 300MMx3 UL1007#26 (Hx1) P=2MMCD149	1	pc	1/KEY PCB CON2-POWER PCB CON8
15	036-CD210-UL05W-P2	5 PIN WIRE 160MMx5 UL2651#28 (Hx1) P=2MMCD210	1	pc	1/KEY PCB-POWER PCB

Model No : TP-502AG

Part No : BCM125E-A209

Status : MP(量產)

Description : KEY (SMT) BOARD (AVID-A2484) (NEW MAJESTIC客

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
1	001-BCM125E-0KB	P.C.B BCM125E KEY+PH+DBBS+VR A2484 S-SIDE BOARD REV-0	1	pc	
2	005-S000B-013	CHIP RESISTOR 0 OHM (0603) +/-5% 1/16W	2	pcs	RK201,RK205
3	005-S203B-013	CHIP RESISTOR 20K (0603) +/-5% 1/16W	1	pc	RK204
4	005-S222B-013	CHIP RESISTOR 2.2K (0603) +/-5%	1	pc	RK2
5	005-S332B-013	CHIP RESISTOR 3.3K (0603) +/-5%	3	pcs	R27,R28,RK1
6	005-S362B-013	CHIP RESISTOR 3.6K (0603) +/-5%	2	pcs	RK202,RK206
7	005-S682B-013	CHIP RESISTOR 6.8K (0603) +/-5% 1/6W	1	pc	RK203
8	005-S683B-013	CHIP RESISTOR 68K (0603) +/-5% 1/16W	1	pc	RK207
9	016-S1026-006	CHIP CAPACITOR 0.001UF 50V (0603) +/-10%	4	pcs	CK201,CK202,C46,C47

Model No : TP-502AG

Part No : BCM125E-A210

Status : MP(量產)

Description : LCD (NOR) BOARD ST7066 (NEW MAJESTIC客戶)

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
1	006-BCM125AT-01	LCD DISPLAY 48*23*2.0MM FOR AVID-A2484	1	pc	
2	012-C1077-002	ELECT. CAP. MINI 100 MFD 10V +/-20% (5x7 -50:C/+105:C	2	pcs	CK200,CK201
3	022-048N	LED LAMP 1.9x3.1 RL620N-CB744ZDB4 (BLUE)	1	pc	(LED4 背光燈)
4	036-0302-UL02W-P2	2 PIN WIRE 270MMx2 UL2651#28 (Hx1) P=2MMDPX302A	1	pc	1/LCD PCB CON3-POWER PCB CON7
5	036-BC130-UL13W2-P2	13 PIN WIRE 270MMx13 UL2651#28 (Hx1) P=2MM BCM130A	1	pc	1/LCD PCB-POWER PCB CON6
6	053-CDM303A-01	FILTER PLATE CDM303A-206	1	pc	1/濾光片
7	054-CDM303A-01	REFLECT PLATE 63.0x19.8x0.2MM CDM303A-205	1	pc	1/反光片

DAT H.K. Limited

TP-502AG Part List

Model No : TP-502AG

Part No : BCM125E-A210

Status : MP(量產)

Description : LCD (NOR) BOARD ST7066 (NEW MAJESTIC客戶)

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
8	077-03	Fibre Washer (VR) 2.6x6x0.4mm	1	pc	1/墊鐘面板
9	077-CDM303A-01	SILVER PLATE 148x3MM CDM303A-	1	pc	1/反光紙
10	077-DH801-02	SILVER PLATE (B) DH801-209	1	pc	1/反光紙
11	081-PA 26	Screw P2x6A	2	pcs	2/打鐘面板

Model No : TP-502AG

Part No : BCM125E-A211

Page : 1

Status : MP(量產)

Description : LCD (SMT) BOARD ST7066 (NEW MAJESTIC客戶)

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
1	001-BCM125E-0GB	P.C.B BCM125E LCD DISPLAY A2484 S-SIDE BOARD REV-0	1	pc	
2	005-S000B-013	CHIP RESISTOR 0 OHM (0603) +/-5% 1/16W	2	pcs	RK215,RK218
3	005-S222B-013	CHIP RESISTOR 2.2K (0603) +/-5%	4	pcs	RK213,RK214,RK216,RK217
4	005-S753B-013	CHIP RESISTOR 75K (0603) +/-5% 1/16W	1	pc	RK212
5	016-S1046-004	CHIP CAPACITOR 0.1 UF 25V (0603) +/-10%	2	pcs	CK203,CK204

Model No : TP-502AG

Part No : BCM125E-A901

Status : MP(量產)

Description : AC BOARD

Verified Date : 12/06/2005

No.	Item Code	Description	Qty	Unit	Location
1	001-BCX125A-0AC	P.C.B BCX125A AC UL S-SIDE BOARD REV-0	1	pc	
2	011-A1048-010	CERAMIC CAP. 0.1 UF 63V +/-20/50%	1	pc	C505
3	011-A2238-030	CERAMIC CAP. 0.022 UF 63V +/-20/50%	4	pcs	C501,C502,C503,C504
4	012-A2287-004	ELECT. CAP. 2200 MFD 25V +/-20% (13x25)	1	pc	C506
5	021-5391	DIODE IN5391 DO-15	4	pcs	D501,D502,D503,D504
6	036-0038-UL02W-P2	2 PIN WIRE 300MMx2 UL1007 26AWG (Hx1) P=2MM CD-38	1	pc	1/AC PCB-POWER PCB
7	079-174	Eyelet 1.7x4mm	4	pcs	