

Goodmans



GCD930RMPT

Service Manual - GCD930RMPT

Bill Of Materials

NO	ITEM	Description	QTY	LOCATION
1	001-2019D-T80	P.C.B MAIN BOARD	1	
2	002-0016M-P01	I.C 16M DRAM THIN TYPE	1	IC71
3	002-08038-000	I.C FAN8038	1	IC1
4	002-09276-H00	I.C KS9276 "QFP"	1	IC70
5	002-7000D-D00	I.C LA4533/FAN7000D	2	IC80.150
6	002-09291-H00	I.C S5L9291	1	IC60
7	002-1923F-G07	I.C BU1923F	1	IC120
8	002-09226-S01	I.C SIL9226 RF-AMP & RPE-SERVO	1	IC20
9	002-00520-H00	I.C DSP520R	1	IC100
10	002-24C04-G00	I.C AT24C04N-10SC 4K-BIT	1	IC101
11	002-04066-G01	I.C 74HC4066 "SSOP"	1	IC81
12	003-01504-B03	TRANSISTOR KTA1504S GR (SMD TYPE)	2	Q7.20
13	003-00338-S00	TRANSISTOR FDN338P SOT-23 SMD	2	Q8.10
14	003-03875-G00	TRANSISTOR KTC3875S SOT-23 SMD	10	Q9.130.131.110. 82.81.150.80.1.11
15	003-01304-S00	TRANSISTOR KTD-1304 SOT-23 SMD	2	Q83.84
16	003-01585-000	TRANSISTOR 2SA1585SR	1	Q2
17	003-01303-D03	TRANSISTOR KTD1303 NPN TO-92	2	Q3.4
18	004-04001-000	DIODE IN4001	2	D1.2
19	004-05818-000	DIODE IN5818	1	D3
20	004-04148-S00	CHIP DIODE CD4148 0805	10	D108.4.6.107. 106.101.102.100.80.81
21	006-04500-400	CRYSTAL HC-49S LC=30PF 30PPM 4.5MHz H-	1	X100
22	006-04332-400	CRYSTAL HC-49S 4.332MHz H-3.5mm	1	X120
23	006-16930-600	RESONATOR 16.93MHz (3Pin) (H=5.5mm)	1	X60
24	009-02019-000	RDS DISCMAN TUNER PACK LA1827	1	
25	010-A0106-000	CHOKE COIL 10uH 2Pin 4x6mm	1	L80

NO	ITEM	Description	QTY	LOCATION
26	010-A0107-000	CHOKE COIL 100uH 3Pin 6x8mm CY68-83	1	L2
27	010-A0396-000	CHOKE COIL 39uH 2Pin 4x6mm	2	L3.1
28	011-A220D-200	RESISTOR 22 OHM 1/4W ±5%	1	R1
29	011-A471A-200	RESISTOR 470 OHM 1/16W ±5%	1	R2
30	011-B100A-200	RESISTOR CHIP 0 OHM ±5% 0603	10	R138.139.45.30.41.20. 143.142.154.137
31	011-B100A-200	RESISTOR CHIP 10 OHM ±5% 0603	2	R17.27
32	011-B101A-200	RESISTOR CHIP 100 OHM ±5% 0603	5	R9.58.130.67.RR139
33	011-B102A-200	RESISTOR CHIP 1K OHM ±5% 0603	4	R18.133.134.132
34	011-B103A-200	RESISTOR CHIP 10K OHM ±5% 0603	10	R100.102.103.104.39.40.65.66.84 .49
35	011-B104A-200	RESISTOR CHIP 100K OHM ±5% 0603	11	R7.3.4.55.38.110.111.93.21.22.35
36	011-B105A-200	RESISTOR CHIP 1M OHM ±5% 0603	5	R70.71.72.50.112
37	011-B123A-200	RESISTOR CHIP 12K OHM ±5% 0603	2	R46.52
	011-B153A-200	RESISTOR CHIP 15K OHM ±5% 0603	2	R51.37
38	011-B154A-200	RESISTOR CHIP 150K OHM ±5% 0603	3	R57.32.68
39	011-B164A-200	RESISTOR CHIP 160K OHM ±5% 0603	1	R31
40	011-B182A-200	RESISTOR CHIP 1.8K OHM ±5% 0603	2	R61.63
41	011-B183A-200	RESISTOR CHIP 18K OHM ±5% 0603	1	R16
42	011-B184A-200	RESISTOR CHIP 180K OHM ±5% 0603	1	R47
44	011-B221A-200	RESISTOR CHIP 220 OHM ±5% 0603	4	R83.82.98.99
45	011-B222A-200	RESISTOR CHIP 2.2K OHM ±5% 0603	2	R90.91
46	011-B203A-200	RESISTOR CHIP 20K OHM ±5% 0603	1	R43
47	011-B223A-200	RESISTOR CHIP 22K OHM ±5% 0603	3	R8.13.114
48	011-B333A-200	RESISTOR CHIP 33K OHM ±5% 0603	2	R15.34
49	011-B394A-200	RESISTOR CHIP 390K OHM ±5% 0603	3	R88.89.?
50	011-B470A-200	RESISTOR CHIP 47 OHM ±5% 0603	1	R5
51	011-B471A-200	RESISTOR CHIP 470 OHM ±5% 0603	2	R94.95
52	011-B472A-200	RESISTOR CHIP 4.7K OHM ±5% 0603	8	R12.152.85. 97.113.96.6.59
53	011-B473A-200	RESISTOR CHIP 47K OHM ±5% 0603	8	R14.33.29.153.151.92.87.86
54	011-B563A-200	RESISTOR CHIP 56K OHM ±5% 0603	4	R23.24.25.26
55	011-B511A-200	RESISTOR CHIP 510 OHM ±5% 0603	1	R131

NO	ITEM	Description	QTY	LOCATION
56	011-B683A-200	RESISTOR CHIP 68K OHM ±5% 0603	3	R56.60.36
57	011-B562A-200	RESISTOR CHIP 5.6K OHM ±5% 0603	1	R48
58	011-B823A-200	RESISTOR CHIP 82K OHM ±5% 0603	1	R28
59	012-6107B-300	ELECT CAP 100uF 10V ±20% 5x5mm	1	E80
60	012-4105F-300	ELECT CAP 1uF 50V ±20% 4x5mm	5	E4.5.6.83.84
61	012-4106B-300	ELECT CAP 10uF 10V ±20% 4x5mm	4	E10.12.110.91
62	012-4224F-300	ELECT CAP 0.22uF 50V ±20% 4x5mm	2	E85.86
63	012-4474F-300	ELECT CAP 0.47uF 50V±20% 4x5mm	1	E24
64	012-4475F-300	ELECT CAP 4.7uF 50V±20% 4x5mm	3	E27.82.81
65	012-4476B-300	ELECT CAP 47uF 10V ±20% 4x5mm	16	E25.26.70.60.61.89.90. 81.67.63.64.65.62.66.1.11
66	012-5227A-300	ELECT CAP 220uF 6.3V ±20% 6x5mm	4	E7.9.88.87
67	012-8227B-300	ELECT CAP 220uF 10V ±20% 8x5mm	1	E2
68	013-D476L-50B	Tantal Chip CAP 47uF 10V +-20% "B-Size"	2	E101.100
69	013-D476J-50B	Tantal Chip CAP 47uF 6.3V +-20% "B-Size"	4	E3.20.21.22
70	013-D106J-50A	Tantal Chip CAP 10uF 6.3V +-20% "A-Size"	1	E23
71	014-B040C-500	CHIP CER. CAP 4PF 50V ±10% 0603	1	C37
	014-B100C-500	CHIP CER. CAP 10PF 50V ±10% 0603	1	C?
72	014-B102C-500	CHIP CER. CAP 0.001uF 50V ±10% 0603	11	C43.39.31.32.9.2. 20.77.85.86.121
73	014-B103C-500	CHIP CER. CAP 0.01uF 50V ±10% 0603	5	C40.29.30.130.60
74	014-B104C-500	CHIP CER. CAP 0.1uF 50V ±10% 0603	40	C41.42.44.35.8.12.11.5.4.14. 13.81.79.78.76.74.73.21.22.80. 140.101.100.65.69.87.152.153. 71.66.106.120.123.150.151.110. 88.102.105.111
75	014-B105C-500	CHIP CER. CAP 0.105PF 50V ±10% 0603	1	C131
76	014-B202C-500	CHIP CER. CAP 0.002uF 50V ±10% 0603	2	C61.62
77	014-B222C-500	CHIP CER. CAP 0.0022uF 50V ±10% 0603	1	C25
	014-B224C-500	CHIP CER. CAP 0.0022uF 50V ±10% 0603	1	C27
78	014-B330C-500	CHIP CER. CAP 33PF 50V ±10% 0603	6	C125.124.3.1.3.CEC3
79	014-B391C-500	CHIP CER. CAP 390PF 50V ±10% 0603	1	C26
80	014-B332C-500	CHIP CER. CAP 0.0033uF 50V ±10% 0603	1	C6
81	014-B333C-500	CHIP CER. CAP 0.033uF 50V ±10% 0603	2	C33.45
82	014-B470C-500	CHIP CER. CAP 47PF 50V ±10% 0603	2	C10.112

NO	ITEM	Description	QTY	LOCATION
83	014-B471C-500	CHIP CER. CAP 470PF 50V ±10% 0603	2	C7.24
84	014-B472C-500	CHIP CER. CAP 0.0047uF 50V ±10% 0603	1	C38
85	014-B473C-500	CHIP CER. CAP 0.047uF 50V ±10% 0603	1	C89
86	014-B474C-500	CHIP CER. CAP 0.47uF 50V ±10% 0603	3	C46.67.68
87	014-B682C-500	CHIP CER. CAP 0.0068uF 50V ±10% 0603	1	C23
88	014-B683C-500	CHIP CER. CAP 0.068uF 50V ±10% 0603	2	C34.28
89	014-B821C-500	CHIP CER. CAP 820PF 50V ±10% 0603	1	C75
90	023-A0030-RD0	LED 3mm RED	1	
91	025-DS200-000	Detector Switch DS-20 4Pin Small	1	
92	025-SS120-070	Slide Switch SS-12D01 1P2T VG-7.0mm	1	
93	025-SK120-030	Slide Switch SK12D03 1P2T VG-3mm	1	
94	025-SK220-030	Slide Switch SK22D03 2P2T VG-3mm	1	
95	026-010KA-A14	VOL ROTARY 10KA 1401-A101mm	1	CD-2005
96	028-ST006-B51	3.5mm 5Pin LINE OUT JACK ST-006	1	
97	028-ST006-B52	3.5mm 5Pin Headphone JACK ST-006	1	
98	033-S2000-GY0	Shielded Wire #28 Single 1Px1SH L=200mm	1	
99	036-A0150-06S	Connector 6Pin Socket P=1.5mm	1	
100	036-D0100-161	Connector 16Pin Socket P=1.0mm	1	
101	036-G0100-080	Connector 8Pin Socket P=1.0mm SMD W/Lock	1	
102	036-J0127-060	6PIN CONNECTOR 2x3PIN PT=1.27	1	
103	036-J0127-080	8PIN CONNECTOR 2X4PIN PT=1.27	1	
104	048-DC480-001	DC JACK DC-480	1	
105	051-01000-350	Line Out Wire L=1000mm 3Pin W/3.5mm Jack	1	
106	052-0TW60-350	3.5mm Stereo Earphone TW-60	1	
107	057-102T0-S02	BEAD CHIP 0603 FCM1608K-102T02	3	BD81.82.83
108	061-12012-B00	AA NI-MH RECHARGE BATTERY 1200mAH/1.2	2	
109	201-EI350-062	AC Adaptor EI-35 230V 50Hz 4.5V DC 600mA "C	1	
110	203-2009S-C90	CD DECK "SAMSUNG" CMS-M97DG6	1	
		KEY BOARD		
111	001-20A9D-U10	P.C.B KEY BOARD	1	

NO	ITEM	Description	QTY	LOCATION
112	002-06523-H00	I.C PT6523LQ	1	IC200
113	004-04148-S00	CHIP DIODE CD4148 0805	1	D200
114	008-07860-C00	LCD DISPLAY (TTD7860DPRDCN)	1	
115	011-B102A-200	RESISTOR CHIP 1K OHM \pm 5% 0603	1	R213
116	011-B472A-200	RESISTOR CHIP 4.7K OHM \pm 5% 0603	1	R217
117	011-B152A-200	RESISTOR CHIP 1.5K OHM \pm 5% 0603	1	R214
118	011-B331A-200	RESISTOR CHIP 330 OHM \pm 5% 0603	1	R211
119	011-B473A-200	RESISTOR CHIP 47K OHM \pm 5% 0603	1	R201
120	011-B223A-200	RESISTOR CHIP 22K OHM \pm 5% 0603	1	R200
121	011-B562A-200	RESISTOR CHIP 5.6K OHM \pm 5% 0603	1	R216
122	011-B272A-200	RESISTOR CHIP 2.7K OHM \pm 5% 0603	1	R215
123	011-B561A-200	RESISTOR CHIP 560 OHM \pm 5% 0603	1	R212
124	014-B104C-500	CHIP CER. CAP 0.1uF 50V \pm 10% 0603	1	C201
125	014-B102C-500	CHIP CER. CAP 0.001uF 50V \pm 10% 0603	1	C204
126	014-B473C-500	CHIP CER. CAP 0.047uF 50V \pm 10% 0603	2	C203.202
127	014-B200C-500	CHIP CER. CAP 20PF 50V \pm 10% 0603	1	C200
128	031-20A92-080	FFC Flexible Cable 8PIN	1	
129	050-CD250-16P	Tact Switch 6mm W/Pin 250g	7	
130	038-42719-140	ZEBRA-RUBBER L42.7xW1.9xH1.4mm	2	
131	209-20A90-D00	PLAY-KNOB SPRING	1	0.5mm
132	209-21000-S00	OPEN SPRING	1	
133	209-20A90-P00	DOOR-SPRING	1	SUS T=0.65
134	211-2009A-000	BATTERY PLATE "+."	1	
135	211-2009B-000	BATTERY PLATE "-"	1	
136	211-2009C-000	BATTERY PLATE "+"	1	
137	218-2602H-E05	LCD-BRACKET	1	EGL T=0.5mm
138	225-00068-100	Rubber Sponge D=6.8x1mm	3	
139	225-10020-A00	LAMP BUSHING	2	
140	225-20A90-A00	DOUBLE-TAPE	1	

NO	ITEM	Description	QTY	LOCATION
141	234-KB017-03B	SCREW KB 1.7x3 Black	11	FOR KEY
	234-CT018-02B	SCREW CT 1.8x2 Black	2	FOR KEY
142	234-KM020-03B	SCREW KM 2x3 BLACK	4	FOR KEY:4
143	234-PA020-10B	SCREW PA 2x10 Black	6	FOR MAIN UNIT
144	240-20060-0GN	CD CUSHION RUBBER GREEN	3	
145	247-20050-080	Ribbon For Battery Box L=80mm 80x6.5mm	1	
146	301-0C067-080	POLYBAG 6-3/4x8"T=0.04mm	1	
147	303-2008A-A10	POLYFOAM	1	
148	304-20A9A-A10	GIFT BOX	1	
149	305-20A9A-A10	INSTRUCTION MANUAL	1	
150	306-20A90-A10	CARTON 1/10	1	
151	307-CD020-A00	CD PAPER CARD FOR CD	1	
152	308-20A9A-000	PVC MODEL PLATE	1	
153	313-20060-000	INSULATING TAPE FOR PCB	2	PVC PLATE
154	313-26020-A00	PVC-SHEET 0.3T	1	PVC 0.30mm
155	401-2009C-100	BOTTOM-COVER ABS	1	ABS
156	401-2009M-100	MIDDLE-COVER ABS	1	ABS
157	401-20A9K-100	TOP-COVER-TEXT/RDS	1	ABS
158	407-2009A-100	BATTERY DOOR ABS	1	
159	411-2009M-1BK	TACT-SWITCH-CAP ABS	1	
160	411-20A9A-500	LCD-LENS	1	PVC T=0.5mm
161	458-2009A-1NL	HOLD/BASS KNOB ABS Natural	2	
162	458-20A9A-100	KEY-KNOB	1	ABS
163	459-2009A-1BK	OPEN KNOB ABS	1	
164	483-20A9A-100	ORNAMENT	1	ABS
165	483-20A9B-100	KNOB-FRAME	1	ABS

Y040730 IMPROVED FOR READING NOISE

1. R32 120K CHANGED TO 150K
2. R36 82K CHANGED TO 68K
3. R37 20K CHANGED TO 15K
4. C27 104P CHANGED TO 224P









