

BOM of GMRS1072 (REV.ACA)

	NAME & DESCRIPTION	VENDOR CODE	LOCATION NO.	Q'TY
Electronic Parts				
1	CHIP CAPACITOR 0402 NPO ±0.25PF Pb-Free	2PF	C110,C222,C320	3
2	CHIP CAPACITOR 0402 NPO ±0.25PF Pb-Free	3.5PF	C315	1
3	CHIP CAPACITOR 0402 NPO ±0.25PF Pb-Free	3PF	C517C	1
4	CHIP CAPACITOR 0402 NPO ±0.25PF Pb-Free	3PF (For "A" Grade 20.95MHz X-tal)	C517A	1
5	CHIP CAPACITOR 0402 NPO ±0.26PF Pb-Free	3PF (For "A" or "B" Grade 20.95MHz X-tal)	C517B	1
6	CHIP CAPACITOR 0402 NPO ±0.25PF Pb-Free	4PF	C306	1
6	CHIP CAPACITOR 0402 NPO ±0.25PF Pb-Free	5.6PF	C220	1
7	CHIP CAPACITOR 0402 NPO ±0.25PF Pb-Free	6PF	C313	1
8	CHIP CAPACITOR 0402 NPO ±0.25PF Pb-Free	7PF	C228	1
9	CHIP CAPACITOR 0402 NPO ±0.25PF Pb-Free	8PF	C225,C230	2
10	CHIP CAPACITOR 0402 NPO ±0.25PF Pb-Free	9PF	C219,C305	2
11	CHIP CAPACITOR 0402 NPO ±5% Pb-Free	10PF	C229,C318	2
12	CHIP CAPACITOR 0402 NPO ±5% Pb-Free	15PF	C323,C516	2
13	CHIP CAPACITOR 0402 NPO ±5% Pb-Free	18PF	C319,C518	2
14	CHIP CAPACITOR 0402 NPO ±5% Pb-Free	22PF	C112,C629	2
15	CHIP CAPACITOR 0402 NPO ±5% Pb-Free	33PF	C107,C416,C417,C616	4
16	CHIP CAPACITOR 0402 NPO ±5% Pb-Free	39PF	C322	1
17	CHIP CAPACITOR 0402 NPO ±5% Pb-Free	100PF	C102,C103,C105,C115,C116,C118,C206,C207,C210,C218,C221,C223,C226,C302,C303,C304,C307,C308,C309,C312,C310,C317,C321,C324,C401,C402,C403,C405,C406,C407,C408,C409,C419,C421,C430,C431,C505,C506,C510,C521,C534,C540,C609,C617,C619,C638,C639,C641,C642,C644,C671	51
18	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	390PF	C624	1
19	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	470PF	C316,C605,C606,C673	4
19	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	560PF	C601	1
20	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	820PF	C607	1
21	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	0.001UF	C109	1
22	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	0.0012UF	C632	1
22	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	0.0022UF	C622,C633,C635	3
23	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	0.0033UF	C626,C646	2
24	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	0.0039UF	C623	1
24	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	0.0047UF	C648	1
25	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	0.0082UF	C618	1
26	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	0.015UF	C522	1
27	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	0.018UF	C620,C625,C628	3
28	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	0.01UF	C104,C111,C113,C114,C211,C311,C513,C519,C533	9
29	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	0.033UF	C604	1
30	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	0.047UF	C425,C631	2
30	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	0.056UF	C424	1
31	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	0.082UF	C610	1
32	CHIP CAPACITOR 0402 Y5V Pb-Free	0.1UF	C106,C227,C412,C413,C414,C415,C426,C432,C504,C509,C511,C535,C536,C537,C538,C541,C608,C603,C611,C612,C615,C627,C630,C640,C645,C647,C670,C672,C674	29
33	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	0.22UF	C602,C643	2
34	CHIP CAPACITOR 0402 X7R ±10% Pb-Free	0.33UF	C428	1
35	CHIP CAPACITOR 0603 +80/-20% Pb-Free	1UF	C212,C422,C423,C501,C502,C507,C508,C512,C520,C634,C636	11
36	CHIP CAPACITOR 0603 NPO ±0.25PF Pb-Free	4PF(03)	C201	1
37	CHIP CAPACITOR 0603 NPO ±0.25PF Pb-Free	5PF(03)	C203,C208	2
38	CHIP CAPACITOR 0603 NPO ±0.25PF Pb-Free	7PF(03)	C202	1
39	CHIP CAPACITOR 0603 NPO ±5% Pb-Free	9PF(03)	C205	1
40	CHIP CAPACITOR 0603 NPO ±5% Pb-Free	27PF(03)	C204	1
41	CHIP CAPACITOR 0603 Y5V Pb-Free	0.1UF(03)	C621	1
42	ELECT CAPACITOR (3*5) Pb-Free	10UF/6.3V	C418	1
42	ELECT CAPACITOR (5*11) Pb-Free	22UF/6.3V	C411	1
43	ELECT CAPACITOR (5*11) Pb-Free	220UF/6.3V	C301	1
44	ELECT CAPACITOR (5*7) Pb-Free	100UF/6.3V	C637	1
45	STC3M10-T1	10PF (Trimmer) 3 dia	CT501	1
46	IC LINEAR OP AMP Pb-Free	AZ358MTR-E1	IC602	1
47	GMRS1072 PCB Ver. ACA / 2 layer	PCB		1
48	DISCRIMINATOR 450KHz Pb-Free	CDB450C3-T DIP	CF502	1
49	Inductor Air Pb-Free	0.3*1.1*3T R	L207	1
50	Inductor Air Pb-Free	0.3*1.3*3T R	L304	1
51	Inductor Air Pb-Free	0.35*1.5*5T R	L204	1
52	Inductor Air Pb-Free	0.3*1.4*6T R	L101,L102	2
53	Inductor Air Pb-Free	0.35*1.8*5T R	L201,L202	2
54	Inductor Air Pb-Free	0.4*1.5*5T L	L205	1
55	Ceramic filter Pb-Free	LTM450HTU	CF501	1
56	SAW FILTER HDF465BS(F-11 SMD) Pb-Free	SAW filter Semi-SMT 465MHz	SF101	1
57	X-tal filter 21.4MHz +/-3.75KHz UM5 Pb-Free	21M7A	CF101	1
58	Speaker Pb-Free	DIA32 8ohm (ASAHI) 32A550-8B(I)-4B13	SPK1	1
59	TACT SWITCH Pb-Free	TS-27-BS-DG SKT-1102VHA(160g)	PTT,MON/LOCK	2
60	IC CPU	W541C2507600	U401	1
61	12-21VGC/TR8 GREEN (HUALIGHT) Pb-Free	CHIP LED	LED401	1
62	Condensor Mic	F9745AP342-34	MC1	1

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63	D4.0C(20pF) HS-49/S	4MHZ X-tal	X401	1
64	R49SDA-020950-FA-16, HC-49/S, 15PPM	20.95MHZ X-tal	X501	1
65	Chip Diode Switching Pb-Free	KDS114E(A)	D101,D201,D402,D602,D603	5
66	Chip Diode Switching Pb-Free	KDS121	D403,D601	2
67	Chip Diode Vari-cap	KDV358-RTK/P	D301	1
68	TRANSISTOR CHIP Pb-Free	BFQ67W	Q202,Q203,Q204	3
69	CHIP TRANSISTOR Pb-Free	2SC4083	Q103	1
70	CHIP TRANSISTOR Pb-Free	2SC4226 (R25)	Q101,Q102,Q201,Q206,Q301,Q302,Q303	7
71	CHIP TRANSISTOR Pb-Free	KRA306E	Q402	1
72	CHIP TRANSISTOR BRT Pb-Free	KRC404E	Q602	1
73	CHIP TRANSISTOR BRT Pb-Free	KRC405E	Q205	1
74	CHIP TRANSISTOR BRT Pb-Free	KTC4075E	Q401,Q403,Q404,Q405,Q601,Q603,Q604	7
75	SMD JACK Pb-Free	SM-RJ-350-05-0, 90103-125001-000	J501	1
76	IC AN29160 (One Chip)	AN29160	IC601	1
77	IC 3V REGULATOR	XC6201P302MR	U402	1
78	NCP18XF101J03RB	Thermistor 100	R508	1
79	47KB Semi-fixed resistor 3dia Pb-Free	47K(B)	VR501,VR601	2
80	CHIP RESISTOR 0402 1% 1/16W Pb-Free	470K	R643	1
81	CHIP RESISTOR 0402 5% 1/16W Pb-Free	0 ohm	R203A,R432,R506,R619	4
82	CHIP RESISTOR 0402 5% 1/16W Pb-Free	10 ohm	R203,R209,R301	3
83	CHIP RESISTOR 0402 5% 1/16W Pb-Free	100 ohm	R111,R310,R401,R417,R418,R507	6
84	CHIP RESISTOR 0402 5% 1/16W Pb-Free	1K	R103,R104,R602,R670,R674	5
85	CHIP RESISTOR 0402 5% 1/16W Pb-Free	10K	R307,R411,R618,R629,R650	5
86	CHIP RESISTOR 0402 5% 1/16W Pb-Free	100K	R403,R404,R407,R408,R419,R428,R604,R613,R617,R630,R651,R673	12
87	CHIP RESISTOR 0402 5% 1/16W Pb-Free	1M	R109,R118,R409,R624	4
88	CHIP RESISTOR 0402 5% 1/16W Pb-Free	1.2K	R303,R306,R410	3
89	CHIP RESISTOR 0402 5% 1/16W Pb-Free	12K	R420	1
90	CHIP RESISTOR 0402 5% 1/16W Pb-Free	120K	R424,R631	2
91	CHIP RESISTOR 0402 5% 1/16W Pb-Free	150 ohm	R202A,R410A	2
92	CHIP RESISTOR 0402 5% 1/16W Pb-Free	15K	R601,R607,R628,R646	4
93	CHIP RESISTOR 0402 5% 1/16W Pb-Free	150K	R615	1
94	CHIP RESISTOR 0402 5% 1/16W Pb-Free	1.5M	R622	1
95	CHIP RESISTOR 0402 5% 1/16W Pb-Free	1.8K	R108,R412,R626	3
96	CHIP RESISTOR 0402 5% 1/16W Pb-Free	18K	R422	1
97	CHIP RESISTOR 0402 5% 1/16W Pb-Free	180K	R639	1
98	CHIP RESISTOR 0402 5% 1/16W Pb-Free	220 ohm	R107,R207,R211,R213	4
99	CHIP RESISTOR 0402 5% 1/16W Pb-Free	2.2K	R110,R625	2
100	CHIP RESISTOR 0402 5% 1/16W Pb-Free	22K	R413,R637	2
101	CHIP RESISTOR 0402 5% 1/16W Pb-Free	220K	R425,R514,R610,R648	4
102	CHIP RESISTOR 0402 5% 1/16W Pb-Free	2.2M	R642,R649	2
103	CHIP RESISTOR 0402 5% 1/16W Pb-Free	270 ohm	R204	1
104	CHIP RESISTOR 0402 5% 1/16W Pb-Free	2.7K	R205,R606	2
105	CHIP RESISTOR 0402 5% 1/16W Pb-Free	27K	R311,R611,R635	3
106	CHIP RESISTOR 0402 5% 1/16W Pb-Free	270K	R608,R616	2
107	CHIP RESISTOR 0402 5% 1/16W Pb-Free	3.3K	R305,R516	2
108	CHIP RESISTOR 0402 5% 1/16W Pb-Free	33K	R645	1
109	CHIP RESISTOR 0402 5% 1/16W Pb-Free	330K	R106,R504,R605,R647,R675	5
110	CHIP RESISTOR 0402 5% 1/16W Pb-Free	39 ohm	R202	1
111	CHIP RESISTOR 0402 5% 1/16W Pb-Free	3.9K	R509,R621	2
112	CHIP RESISTOR 0402 5% 1/16W Pb-Free	39K	R421,R623	2
113	CHIP RESISTOR 0402 5% 1/16W Pb-Free	47 ohm	R102,R312,R313	3
114	CHIP RESISTOR 0402 5% 1/16W Pb-Free	4.7K	R414,R634	2
115	CHIP RESISTOR 0402 5% 1/16W Pb-Free	47K	R415,R430,R431,R501,R502,R503,R512,R515,R609,R612,R627,R632	12
116	CHIP RESISTOR 0402 5% 1/16W Pb-Free	470K	R405,R427,R671	3
117	CHIP RESISTOR 0402 5% 1/16W Pb-Free	51K	R640	1
118	CHIP RESISTOR 0402 5% 1/16W Pb-Free	5.6 ohm	R105,R304	2
119	CHIP RESISTOR 0402 5% 1/16W Pb-Free	560 ohm	R201	1
120	CHIP RESISTOR 0402 5% 1/16W Pb-Free	5.6K	R205A,R308,R510,R653,R672	5
121	CHIP RESISTOR 0402 5% 1/16W Pb-Free	56K	R101,R302,R309	3
122	CHIP RESISTOR 0402 5% 1/16W Pb-Free	560K	R416,R614	2
123	CHIP RESISTOR 0402 5% 1/16W Pb-Free	6.8K	R603	1
124	CHIP RESISTOR 0402 5% 1/16W Pb-Free	680K	R426,R511,R633	3
125	CHIP RESISTOR 0402 5% 1/16W Pb-Free	820 ohm	R208	1
126	CHIP RESISTOR 0402 5% 1/16W Pb-Free	8.2K	R423,R644	2
127	CHIP RESISTOR 0402 5% 1/16W Pb-Free	82K	R620,R641	2
128	CHIP RESISTOR 0603 5% 1/16W Pb-Free	0 ohm (03)	R212	1
129	CHIP RESISTOR 0603 5% 1/16W Pb-Free	2.2 ohm (03)	R206	1
130	CHIP RESISTOR 0603 5% 1/16W Pb-Free	15K (03)	R210	1
131	LCD FOR GMRS1072	SDM8A4217A	LCD1	1
132	INDUCTOR CHIP 220NH 1608 Pb-Free	220NH(03)	L203,L206	2
133	INDUCTOR CHIP 0.33UH 1608 Pb-Free	0.33UH(03)	L303	1
134	INDUCTOR CHIP 1.2UH 1608 Pb-Free	1.2UH(03)	L301	1
135	INDUCTOR CHIP 1.8UH 2012 Pb-Free	1.8UH(05)	L107	1
136	INDUCTOR CHIP 18NH 1608 Pb-Free	18NH(03)	L209	1
137	INDUCTOR CHIP 33NH 1608 Pb-Free	33NH(03)	L208	1
138	INDUCTOR CHIP 5.6UH 2012 Pb-Free	5.6UH(05)	L108	1
139	INDUCTOR CHIP 100NH 1005 Pb-Free	100NH	L302	1
140	INDUCTOR CHIP 33NH 1005 Pb-Free	33NH	L103,L104,L105	3
141	INDUCTOR CHIP 47NH 1005 Pb-Free	47NH	L106	1
142	INDUCTOR CHIP 5.6NH 1005 Pb-Free	5.6NH	L210,L305,L306	3
143	Same as GMRS862	ANTENNA COIL,465MHZ	J201	1
144	AWG#30/1571	Lead Wire Blk 2-50-2		1
145	AWG#30/1571	Lead Wire Red 2-50-2		1

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Mechanical parts				
1	FRONT COVER , ABS, Black	NEW		1
2	BACK COVER , ABS , Black	Same as GMRS862		1
3	BATT. COVER , ABS , Black	Same as GMRS862		1
4	PANEL ABS / SILVER SPRAY	NEW		1
5	BELT BODY, PC, BLACK (BELT CLIP ASS'Y)	Same as GMRS862		1
6	PUSH BODY, PC, BLACK (BELT CLIP ASS'Y)	Same as GMRS862		1
7	BELT CLIP HOUSING	Same as GMRS862		1
8	WINDOW , ACRYL(Clear)	Same as GMRS862		1
9	Window tape - double side tape	Same as GMRS862		1
10	DIFFUSER, ACRYL(Clear)	Same as GMRS862		1
11	KEY PAD, SILICONE RUBBER	NEW		1
12	PTT/MON BUTTON, SILICONE RUBBER BLACK	Same as GMRS862		1
13	SPK/MIC Dust Cap, NBR	Same as GMRS862		1
14	Antenna Tube	Same as GMRS862		1
15	ZEBRA,19.7x3.60x1.0T, SILOCON RUBBER	Same as GMRS862		1
16	CHARGER TERMINAL(-),SPTE T=0.2, Ni-PLATE	Same as GMRS862		1
17	CHARGER TERMINAL(+),SPTE T=0.2, Ni-PLATE	Same as GMRS862		1
18	BATTERY TERMINAL(-) SUS 304	Same as GMRS862		1
19	BATTERY TERMINAL(+) SUS 304	Same as GMRS862		1
20	L-BATT. TERMINAL(+,-) SUS304	Same as GMRS862		1
21	R-BATT. TERMINAL(+,-) SUS304	Same as GMRS862		2
22	LCD BRACKET SPTE 0.3T	Same as GMRS862		1
23	VCO CAN SPTE 0.3T W/SIDE WHOLE 11*8MM			1
24	SHIELD SHEET,SPTE 8.5*8.5*0.2T	Same as GMRS862		1
25	SHIELD PLATE 1	For gmrs1072CH		1
26	WHITE SHEET POLYESTER(PET) T=0.1	Same as GMRS862		1
27	FELT(SPK) φ29.5x0.1(black)	NEW		1
28	C-MIC CUSHION EVA SPONGE	Same as GMRS862		1
29	CUSHION EVA SPONGE	Same as GMRS862		1
30	HOLOGRAM SHEET FOR AVX LOGO	Same as GMRS862		1
31	LCD PROTECTIVE SHEET	NEW		1
32	NAME LABEL POLYESTER 0.15T 37x10.3mm	Same as GMRS862		1
33	SCREW (+) TAPPING PH 2.0X6-3S	Same as GMRS862		1
34	SCREW (+) TAPPING PH 2.0X8-1S Black	Same as GMRS862		4
35	SPRING (BELT CLIP ASS'Y)	Same as GMRS862		1
36	NAME BARCODE LABEL (30x5mm)	Same as GMRS862		1
37	PET STICKER 151.2*0.1T, Transparent	Same as GMRS862		1

Packing parts

1	OWNER'S MANUAL - SHEET	New		
2	BLISTER UPPER PVC 0.6T (material : biogradable PET)	New		
3	BLISTER BOTTOM PVC 0.6T (material : biogradable PET)	New		
4	CARD BOARD	New		
5	OUT BOX DW1S 7.0T	New		
6	POLYBAG PE 300*400*0.05T	Same as GMRS862		
7	REGISTRATION CARD	Same as GMRS862		
8	SILICA-GEL 1g	Same as GMRS862		
9	PDF BARCODE LABEL	Same as GMRS862		
10	ENVIRONMENTAL GREEN LABEL	Same as GMRS862		
11	ZLDRS2 (SENSORMATIC)	Same as GMRS862		
12	XL40-DPW1K (CHECK POINT)	Same as GMRS862		
13	OPP TAPE 50MM TRANSPARENT SILK	AUDIOVOX		

Accessory

1	AC adaptor (U.S plug) 120VAC , 9VDC 200mA 3.5pie stereo	U090020D1201		
2	Rechargeable Ni-MH battery,650mAh AAA size	Audiovox silver foil		

DTC

1	PCB			1
2	SMD JACK	SM-RJ-350-05-0, 90103-125001-000	J1	1
3	LED (DIP TYPE)	LT0311-41	LED1,LED2	2
4	68 ohm	RESISTOR 5% 1W (DIP TYPE) Pb-Free	R1,R2	2
5	2.2K	RESISTOR 5% 1/4W (DIP TYPE) Pb-Free	R3,R4	2
6	TOP COVER, ABS			1
7	BOTTON COVER, ABS			1
8	DTC Terminal NSP T=0.3 Ni-Plate			4
9	Name Label(DTC) Polyster 31.6x19.6 T=0.2			1
10	RUBBER Feet T=1.0 BLACK			4
11	Screw(+) TAPPING 2.6x10 - 3S(PH) Black			3