

B.O.M. OF ML-560

Item	Part No.	Description	Qty	Remark
WALKIE TALKIE PART				
1	001-05600-03	PCB: ML-560-3 47.8x48.5x1.6mm (94HB)	2	
2	003-09014-01	TR 9014C (SOT-23A)	6	Q2 Q3 Q4
3	004-00022-63	Res 2.2 OHM (CR0603)	2	R16
4	004-00220-63	Res 22 OHM (CR0603)	2	R1
5	004-00390-63	Res 39 OHM (CR0603)	2	R102
6	004-01100-63	Res 100 OHM (CR0603)	2	R15
7	004-01220-63	Res 220 OHM (CR0603)	2	R12
8	004-02100-63	Res 1K (CR0603)	2	R14
9	004-02560-63	Res 5k6 (CR0603)	2	R2
10	004-02820-63	Res 6k8 (CR0603)	4	R13 R101
11	004-02680-63	Res 8k2 (CR0603)	4	R4 R5
12	004-03100-63	Res 10K (CR0603)	6	R6 R7 R8
13	004-03180-63	Res 18K (CR0603)	2	R10
14	004-03330-63	Res 33K (CR0603)	2	R11
15	004-04680-63	Res 680K (CR0603)	2	R9
16	010-00150-63	Cer.Cap 15P (NPO) (CC0603)	2	C10
17	010-00300-63	Cer.Cap 30P(NPO) (CC0603)	2	C6
18	010-00390-63	Cer.Cap 39P(NPO) (CC0603)	4	C1 C2
19	010-02100-63	Cer.Cap 0.001 uF (CC0603)	2	C14
20	010-02500-63	Cer.Cap 0.005 uF (CC0603)	6	C3 C4 C5
21	010-03200-63	Cer.Cap 0.02 uF (CC0603)	2	C13
22	010-03400-63	Cer.Cap 0.04 uF (CC0603)	4	C11 C12
23	010-04100-63	Cer.Cap 0.1 uF (CC0603)	4	C8 C9
24	003-09018-01	ST 9018G (TO-92)	2	Q1
25	004-00033-63	RES. 3.3 OHM 1/8W	2	R17
26	009-49860-00	Crystal 49.860MHz	2	X1
27	011-06470-21	ELE. CAP 47uF/16V	2	C15
28	011-07100-20	ELE. CAP 100uF/10V	4	C7 C16
29	021-71777-00	Choke Coil M777	2	L1
30	021-71223-00	Choke OSC M223	2	T1
31	190-00540-00	EI-540 (AC TRANS)	2	T2
32	081-03200-16	Condenser Mic -60db	2	MIC1
33	030-00600-00	Speaker 27mm 8ohm 0.1W	2	SP1
34	122-42403-00	S.W. PS-42D03 (Push Switch)	2	SW1
35	540-00013-00	AG-13 BATTERY CELL	12	
36	120-12401-76	S.W. SK-12D01-G6	2	SW2
37	090-00700-00	J.W. 7*0.08*70MM	4	
38	090-01100-00	J.W. 7*0.08*100MM	8	
39	107-003580-00	Battery Clip 1SET	2	

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40	105-04080-00	Spring Coil 4.0*80mm	2	
41	110-12606-20	Screw 2.0*6 PT	2	
42	110-12006-20	Screw 2.0*5 PT	10	
43	110-12008-20	Screw 2.0*8PT	18	
44	110-12006-10	SCREW 2.0*6PM	4	
45	115-02000-00	Brass nut 2.0mm	2	
46	112-05503-00	PVC WASHER 1.7*5*0.3	2	

SMS PART

1	001-00560-01	PCB: ML-560-1 62*60*1.0	2	
2	001-05560-02	PCB: 83418-2 22x10.5x1.0mm	2	
3	003-02001-00	IC EJ01A	2	IC1
4	003-08550-01	TR S8550C	2	Q2
5	003-08050-01	TR S8050C	4	Q1 Q3
6	004-00022-63	RES 2.2 OHM CR0603	2	R4
7	004-00470-63	RES 47 OHM CR0603	2	R1
8	004-01100-63	RES 100 OHM CR0603	2	R3
9	004-02470-63	RES 4k7 OHM CR0603	2	R6
10	004-03330-63	RES 33K OHM CR0603	2	R5
11	004-04110-63	RES 110K OHM CR0603	2	R7
12	010-00200-63	Ceramic Chip Cap 22 P CC0603	4	C9 C10
13	010-04100-63	Ceramic Chip Cap 0.1 uF CC0603	12	C2 C3 C4 C5 C6 C7
14	011-06220-00	Ele.Cap 22uF [Mini 4*8mm]	2	C1
15	011-06470-00	Ele.Cap 47uF [Mini 4*8mm]	2	C8
16	009-43276-80	Crystal 32768Hz (3.0*8.0mm)	2	X1
17	-	electric Paper 4409 20mm PITCH 0 9mm	2	
18	042-00556-00	LCD 50*19*2.85mm	2	
19	023-00200-00	Choke Coil 20mH	2	L1
20	082-02000-00	BUZZER φ20mm	2	ZB1
21	040-06554-00	Infrared LED 5MM OSE-1L7	2	D1
22	044-06038-00	Infrared Receiver FM-6038LN-5AN	2	U1
23	090-00700-00	J.W.7*0.08*70MM	4	
24	090-01100-00	J.W.7*0.08*100MM	4	
25	090-00900-00	J.W.#26AWG 90MM	2	
26	107-069880-00	Battery Clip “+”	2	
27	107-069880-10	Battery Clip “-”	2	
28	107-05560-00	Battery Clip “+/-”	2	
29	173-47784-00	Reset Rubber [8.0*5.0mm]	2	
30	173-00560-00	Rubber KEY	2	
31	110-22005-10	Screw 1.7*4PT	8	