



Manutec Industrial Ltd

盟力工業有限公司

Bill of Materials

Customer Model Name : Nick Walkie Talkie

Client : Long Hall

Date : Apr.8, 99

Rev : 2

Main Board Ass'y

Item	Description	Qty	Remarks
1	Resistor - C.F. 1/4W +-5% 100	1	R1
2	Resistor - C.F. 1/4W +-5% 1K	1	R16
3	Resistor - C.F. 1/4W +-5% 10K	1	R19
4	Resistor - C.F. 1/4W +-5% 1M	1	R2
5	Resistor - C.F. 1/4W +-5% 22K	1	R18
6	Resistor - C.F. 1/4W +-5% 33	2	R6,20
7	Resistor - C.F. 1/4W +-5% 3.9K	2	R5,8
8	Resistor - C.F. 1/4W +-5% 39K	1	R21
9	Resistor - C.F. 1/4W +-5% 180	1	R23
10	Resistor - C.F. 1/4W +-5% 1.1M	1	R11
11	Resistor - C.F. 1/4W +-5% 27	1	R17
12	Resistor - C.F. 1/4W +-5% 1.8K	1	R10
13	Resistor - C.F. 1/4W +-5% 6.8K	1	R3
14	Resistor - C.F. 1/4W +-5% 640K	1	R*
15	Resistor - C.F. 1/4W +-5% 15K	1	R4
16	C.Cap - 25V +80-20% 10pF NPO	3	C4,18,20
17	C.Cap - 25V +80-20% 0.1uF	1	C3
18	C.Cap - 25V +80-20% 30pf NPO	1	C19
19	C.Cap - 25V +80-20% 5nF	3	C2,5,6
20	C.Cap - 25V +80-20% 22pF	1	C7
21	C.Cap - 25V +80-20% 0.02uF	3	C11,14,16
22	C.Cap - 25V +80-20% 0.04uF	4	C10,12,22,*
23	C.Cap - 25V +80-20% 0.002uF	1	C8
24	C.Cap - 25V +80-20% 50pF	1	C1
25	E.Cap - 10V +-20% 100uF	1	C17
26	Zener Diode - 3.6V 1/2W	1	ZD1
27	Transistor - 9018	3	Q5,1,2
28	Transistor - 9014	2	Q3,6
29	Transistor - M28S	1	Q4
30	Coil - 2.2uH +-10%	1	L1
31	Coil - IFT	2	T1,2
32	VR - 10 Kohm with on/off switch	1	ON/OFF Volume

33	Switch - Push Button 4P2T	1	
34	Transformer EI-14	1	
35	Crystal - 49.860 MHz +/-30 ppm	1	XT1
36	PCB - S/S P/P 94HB 81 x 45 x 1.6 mm	1	
37	Antenna L=130mm	1	
38	Speaker - 8 OHM 1/2W dia.=50mm	1	
39	Battery Snap - 9V Battery	1	
40	Jumper Wire - AWG#28, Speaker 50 mm	2	
41	Jumper Wire - AWG#28, Antenna 50 mm	1	
42	Jumper Wire - AWG#28, Battery 120 mm	2	
43	Jumper Wire - AWG#28 L=30 mm	3	A1,A2,A3
44	Bare Wire - L=10 mm	7	J1,2,3,4,5,6,7

Sound Board Ass'y

Item	Description	Qty	Remarks
1	Resistor - C.F. 1/4W +/-5% 680K	1	R24
2	Resistor - C.F. 1/4W +/-5% 1K	1	R25
3	LED - dia.=3 mm, Color = red	1	D1
4	C.Cap - 25V +80-20% 0.1uF	1	C24
7	IC - W52819802	1	U1
6	Flat Cable - 4 ways	2	
7	Switch - Rubber switch YE-103-C1	4	
8	PCB - S/S P/P 94HB 38 x 45 x 1.6 mm	1	

Final Ass'y

Item	Description	Qty
1	Front Housing (ABS)	1
2	Rear Housing (ABS)	1
3	Battery Door (ABS)	1
4	Clip (ABS)	1
5	Push Button - Left (ABS)	1
6	Push - Small (ABS)	1
7	Press Knob (ABS)	4
8	Cap (ABS)	1
9	Reflector (ABS)	1
10	Logo Plate (ABS)	1
11	Volume Knob (ABS)	1
12	PC Lens	1
13	Battery Contact "+"	1
14	Battery Contact "-"	1
15	Battery Snap (9V)	1
16	Light Contact (+)	1

17	Light Contact (-)	1
18	Light Contact (Sw)	1
19	Sponge	1
20	Light Bulb (H1-02505)2.5V-0.5A-1.25W	1
21	Screw	10
22	Nut	1

Packing Ass'y

Item	Description	Qty
1	Carton - Master, B=B, O/D-2PLY, 25-1/2 x 17-3/4 x 14-3/8 (	0.04
2	Carton - Inner, B33-1 PLY, O/D=12-7/8 x 12-3/8 x 8-1/2 (IN)	0.17
3	Card - Layer	0.17
4	Blister - Chamshell	1
5	Card - Blister	1