

Parts List

Model: FREEDOM-WATCH001

No.	Name	Spectrial Description	Number	Place
1	Antenna	SARANTEL P3	1	ANT1
2	Battery	2 pin header 0.1	1	BATT1
3	Capacitor	C33p50N0402	5	C1,C13,C14,C25,C53
4	Capacitor	C0.1u10X0402	12	C2,C6,C7,C8,C19,C20,C28, C29,C51,C52,C17-RF1,C17-RF4
5	Capacitor	C2.2uF 0402	1	C3
6	Capacitor	C18p50N0402	5	C4,C24,C30,C17-RF3
7	Capacitor	C1u6.3X50402	3	C5,C26,C50
8	Capacitor	C22p50N0402	2	C9,C11
9	Capacitor	C6p50N0402	2	C23,C18
10	Capacitor	C10p50N0402	2	C27,C31
11	Capacitor	220pf 0402	1	C101
12	Capacitor	0.01uF	1	C102
13	Capacitor	C2.2uF 0402	1	C103
14	Capacitor	2.7pF 0402	1	C105
15	Capacitor	68pF 0402	1	C106
16	Capacitor	5.1pF 0402	1	C107
17	Capacitor	4.7uF 0402	2	C108,C109
18	Capacitor	C10uF 0603	2	C17-RF8,C17-RF9
19	IC	MRF49XA	1	IC1
20	IC	MCP73831	1	IC5
21	Connector	SIM connector_1	1	J3
22	Inductor	220nH 0805	1	L3
23	Inductor	390nH	1	L101
24	Inductor	33nH	1	L102
25	Inductor	47nH	1	L103
26	Resistor	100K R0402-RH	2	R1,R4
27	Resistor	56K 0402	1	R2
28	Resistor	118K 0402	1	R3
29	Resistor	2K	1	R102
30	IC	SW-TACTB1-4PS	1	SW1
31	IC	WMP-100_6	1	U1
32	IC	AT5231-3.0KER_SOT25-5-RH	3	U3,U6,U11
33	IC	AT5231-1.2KER_SOT25-5-RH	1	U4
34	IC	M36W0R5040T5	1	U5
35	IC	SMA661AS	1	U7
36	IC	FXL2TD245LX	1	U8

37	IC	PIC18F26K20T-E-ML-RH	1	U10
38	IC	ERIDE	1	U9
39	Crystal	32.768KHZ12.5p_S-RH-6	1	X1
40	Crystal	10MHz	1	X100