

431445 SWDM PCB ASSY- Zigbee Radio Parts List						
No.	ID	Manufacturer	Manufacturer P/N	Description	Quantity	Unit
1	ANT1	NA	NA	RF PCB, inverted-F shape, 1oz copper trace, 17mm x 6mm	1	EA
2	BAT1	Linx	BAT-HLD-001-TR	Battery Holder, Coin Cell, CR2032	1	EA
3	C1, C6, C7	Walsin	0603X106M6R3	10µF, 10V, ±10%, Ceramic Capacitor, X5R, 0603	3	EA
4	C2, C3, C5, C9, C11	Walsin	0402B104K250	100nF, 10V, ±10%, Ceramic Capacitor, X7R, 0402	5	EA
5	C4	Murata	GJM1555C1HR50BB01	0.5pF, 50V, ±5%, Ceramic Capacitor, C0G, 0402	1	EA
8	C8, C10, C12, C15	Walsin	0402X105K6R3	1µF, 6.3V, ±10%, Ceramic Capacitor, X5R, 0402	4	EA
9	C13, C14	Walsin	0402N100J500	10pF, 50V, ±5%, Ceramic Capacitor, C0G, 0402	2	EA
10	D1, D2, D4, D5, D7	Diodes	1N4148WS-7	150mA 75V, Diode, SOD323	5	EA
11	L1	Murata	LQG15WH3N3S02D	3.3nH, 900mA, Inductor, 0402	1	EA
12	L2	Murata	GCM1555C1HR5BA16D	1.5pF, 50V, ±1pF, Ceramic Capacitor, C0G, 0402	1	EA
13	LD1	Osram	LRTB R48G	LED RGB SMD	1	EA
14	PB1, PB2, PB3	Chifung	TS-1107G-2	On, Off, EZ Push Button, SPST SMD	3	EA
15	Q1	Diodes	DMP3099L-7	30V, 3.8A, P-MOSFET, SOT23	1	EA
16	Q2	Fairchild	BSS138	50V, 0.22A, N-MOSFET, SOT23	1	EA
17	R1, R2, R3, R7, R8, R9, R15	Walsin	WR04X105JTL	1 MOhm, 1/16W, ±5%, RES, 0402	7	EA
18	R4, R5, R14	Fenghua	RC-02W103FT	10 kOhm, 1/16W, ±1%, RES, 0402	3	EA
19	R10	Walsin	WR04X821JTL	820 Ohm, 1/16W, ±5%, RES, 0402	1	EA
20	R11	Fenghua	RC-02W472JT	4.7 kOhm, 1/16W, ±1%, RES, 0402	1	EA
21	R12	Walsin	WR04X1001FTL	1 kOhm, 1/16W, ±1%, RES, 0402	1	EA
22	R17, R20	Walsin	WR04X000FTL	0 Ohm, 1/16W, ±5%, RES, 0402	2	EA
23	U1	ST Micro	LIS2DE12TR	Ultra low-power 3-axis accelerometer LGA-12	1	EA
24	U2	Winbond	W25X40CLSNIG	Flash Memory, SOIC-8, 150mil	1	EA
25	U3	Johanson	2450BM15A0015	2.45GHz impedance matched balun-filter	1	EA
26	U4	Atmel	ATSAMR21E18A-MFT	ATMEL IC RF MCU QFN32 5x5	1	EA
27	X1	TXC	7M-16.000MEEQ-T	Crystal, 16MHz, 10pF, SMD 3.2x2.5mm	1	EA