

PCBA ZED 4 Button Remote- 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	BUT1, BUT2, BUT3, BUT4, BUT5	Chifung	TS-1107G-2	Scene 1 button, Scene 2 button, Settings, Scene 3 button, Scene 4 button, SPST, SMD	5	EA
3	C1, C2, C3, C5	Samsung	CL10B105M08NNWC	1µF, 16V, ±20%, Ceramic Capacitor, X7R, 0603	4	EA
4	C4, C6, C10, C13	Walsin	0402B104K250	100nF, 10V, ±10%, Ceramic Capacitor, X7R, 0402	4	EA
5	C7, C14	Murata	GRM21BR61C106KE15K	10µF, 16V, ±10%, Ceramic Capacitor, X5R, 0805	2	EA
6	C8	Walsin	0603X106M6R3	10µF, 6.3V, ±20%, Ceramic Capacitor, X5R, 0603	1	EA
7	C9, C15	Murata	GRM1555C1H220JA01J	22µF, 50V, ±5%, Ceramic Capacitor, C0G, 0402	2	EA
8	C11, C12	Murata	GRM1555C1H100JA01J	10µF, 50V, ±5%, Ceramic Capacitor, C0G, 0402	2	EA
9	D1, D2, D3, D4, D5, D6, D7	Diodes	1N4148WS-7	150mA 75V, Diode, SOD323	7	EA
10	DL1, DL2	Osram	LRTB R48G	LED RGB SMD	2	EA
11	IC1	Atmel	ATSAMR21E19A-MFT	ATMEL IC RF MCU QFN32_5x5	1	EA
12	IC2	ST Micro	LIS2DE12TR	Ultra low-power 3-axis accelerometer LGA-12	1	EA
13	IC3	Johanson	2450BM15A0015	2.45GHz impedance matched balun-filter	1	EA
14	L1, L2	Murata	LQG15WH3N3S02D	3.3nH, 900mA, Inductor, 0402	1	EA
15	OSC1	TXC	7M-16.000MEEQ-T	Crystal, 16MHz, 10pF, SMD 3.2x2.5mm	1	EA
16	R1, R20	Walsin	WR04X1001FTL	1 kOhm, 1/16W, ±1%, RES, 0402	1	EA
17	R2, R3, R4, R11, R14, R15, R17, R22	Walsin	WR04X105JTL	1 MOhm, 1/16W, ±5%, RES, 0402	8	EA
18	R5, R6, R7	Fenghua	RC-02W103FT	10 kOhm, 1/16W, ±1%, RES, 0402	3	EA
19	R8, R9, R12, R13	Walsin	WR04X000PTL	0 Ohm, 1/16W, ±5%, RES, 0402	4	EA
20	R10, R21	Walsin	WR04X821JTL	820 Ohm, 1/16W, ±5%, RES, 0402	2	EA
21	R16, R18	Fenghua	RC-02W472JT	4.7 kOhm, 1/16W, ±1%, RES, 0402	2	EA
22	SK1	Linux	BAT-HLD-001-TR	Battery Holder, Coin Cell, CR2032	1	EA
23	TR1	Diodes	DMP3099L-7	30V, 3.8A, P-MOSFET, SOT23	1	EA
24	TR2	Fairchild	BSS138	50V, 0.22A, N-MOSFET, SOT23	1	EA