

Item #	Quantity	Value	Description	Part Reference	Manufacturer	MPN	PCB Package
1	1	BATTERY	BATTERY, HOLDER, CUSTOM, EZ-COIN CELL BATTERY RETAINER, SMD	BT1	TEXAS INSTRUMENTS	BATTERY_Texas	
2	1	PKLCS1212E4001	ACOUSTIC, BUZZER PIEZO, 25V, SMD	BZ2	MURATA	PKLCS1212E4001-R1	
3	2	4.7uF	CAPACITOR, CERAMIC X5R, 4.7uF, 6.3V, -10%/+10%, -55DEGC/+85DEGC, 0603, SMD	C42 C393	MURATA	GRM188R60J475KE19D	0603
4	6	100nF	CAPACITOR, CERAMIC X7R, 100nF, 6.3V, -10%/+10%, -55DEGC/+125DEGC, 0402, SMD	C43 C101 C211 C241 C271 C311	MURATA	GRM155R70J104KA01D	0402
5	2	18pF	CAPACITOR, CERAMIC C0G/NPO, 18pF, 50V, -55DEGC/+125DEGC, 0402, SMD	C221 C231	MURATA	GRM1555C1H180JA01D	0402
6	1	220pF	CAPACITOR, CERAMIC C0G/NPO, 220pF, 50V, -5%/+5%, -55DEGC/+125DEGC, 0402, SMD	C272	MURATA	GRM1555C1H221JA01D	0402
7	2	1uF	CAPACITOR, CERAMIC X5R, 1uF, 10V, -10%/+10%, -55DEGC/+85DEGC, 0402, SMD	C391 C401	MURATA	GRM155R61A105KE15D	0402
8	1	LTST-C230TBKT	OPTO, LED, BLUE, 470nm, 2.8V TO 3.8V, 0.02A, 0.076W, 1206, REVERSE MOUNT SMD	CR1	LITEON	LTST-C230TBKT	1206
9	1	LTST-C230KSKT	OPTO, LED, YELLOW, 587nm, 2V TO 2.4V, 0.02A, 0.075W, 1206, REVERSE MOUNT SMD	CR2	LITEON	LTST-C230KSKT	1206
10	1	LTST-C230KRKT	OPTO, LED, RED, 631nm, 2V TO 2.4V, 0.02A, 0.075W, 1206, REVERSE MOUNT SMD	CR3	LITEON	LTST-C230KRKT	1206
11	1	LTST-C230KGKT	OPTO, LED, GREEN, 571nm, 2V TO 2.4V, 0.02A, 0.075W, 1206, REVERSE MOUNT SMD	CR4	LITEON	LTST-C230KGKT	1206
12	1	LFB182G45BG2D280	FILTER, LC, BAND PASS FILTER@50R, 2450MHz, -40DEGC/+85DEGC, 0603, SMD	FL1	MURATA	LFB182G45BG2D280	0603
13	1	2.2uH	INDUCTOR, CHIP, 2.2uH, -20%/+20%, 1A, -55DEGC/+125DEGC, 1008, SMD	L262	MURATA	LQM2HPN2R2MJ0L	1008
14	1	Debug connector	CONNECTOR, HEADER, MALE, RIGHT ANGLE, 2 ROWS, 10 PINS, PITCH 1.27mm, SMD	P1	FCI	20021121-000-10C4LF	
15	1	1.5k	RESISTOR, THICK FILM, 1.5k, -5%/+5%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD	R3	Manufacturer selection	RESISTOR_0402_1.5k_+/-5%_50V_0.063W_M_+/-200PPM	0402
16	3	1k	RESISTOR, THICK FILM, 1k, -5%/+5%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD	R4 R5 R6	Manufacturer selection	RESISTOR_0402_1k_+/-5%_50V_0.063W_M_+/-200PPM	0402
17	1	56k	RESISTOR, THICK FILM, 56k, -1%/+1%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD	R69	Manufacturer selection	RESISTOR_0402_56k_+/-1%_50V_0.063W_M_+/-100PPM	0402
18	5	10k	RESISTOR, THICK FILM, 10k, -5%/+5%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD	R77 R78 R79 R80 R81	Manufacturer selection	RESISTOR_0402_10k_+/-5%_50V_0.063W_M_+/-200PPM	0402
19	1	2.2k	RESISTOR, THICK FILM, 2.2k, -5%/+5%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD	R336	Manufacturer selection	RESISTOR_0402_2.2k_+/-5%_50V_0.063W_M_+/-200PPM	0402
20	1	B3U-1000P	SWITCH, TACT, CUSTOM, SPST-NO, 0.05A@12V, SMD	SW2	OMRON ELECTRONICS INCOR	B3U-1000PM	
21	1	CC2530	IC, ANALOG, A TRUE SYSTEM-ON-CHIP SOLUTION FOR 2.4GHz IEEE 802.15.4 AND ZigBee APPLIC/	U1	TEXAS INSTRUMENTS	CC2530F256RHAR	VQFN40
22	1	TPS62730	IC, ANALOG POWER MANAGEMENT, 1.9V TO 3.9V, SON6, SMD	U8	TEXAS INSTRUMENTS	TPS62730DRYT	SON6
23	1	32MHz	CRYSTAL, OSCILATOR, 32MHz, 12pF, -10PPM/+10PPM, -40DEGC/+85DEGC, SMD	Y1	Epson Toyocom	FA-128 32MHz 12pF 10PPM	SMD

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