

Item #	Qty	Ref Des	Manufacturer	Part #	Description	Package	Type
1	2	C13, C14	Murata Electronics	GRM1555C1H3R3CA01D	3.3 pF CAP	0402	SMT
2	2	C1, C2	Murata Electronics	GRM1555C1H100FA01D	10 pF CAP	0402	SMT
3	5	C3, C6, C8, C9, C10	Murata Electronics	GRM155R71C104KA88J	100 nF CAP	0402	SMT
4	1	C4	Murata Electronics	GRM155R70J105KA12J	1uF CAP	0402	SMT
5	4	C5, C7, C11, C12	Murata Electronics	GRM21BR71A106KA73L	10uF CAP	0805	SMT
6	2	L1, L2	Allied Components International	HFC05-2N2S-RC	2.2nH IND	0603	SMT
7	1	R7	YAGEO	RC0402FR-0722RL	22Ω RES	0402	SMT
8	1	R4	Panasonic Electronic Components	ERJ-2RKF68R0X	68Ω RES	0402	SMT
9	1	R5	YAGEO	RC0402FR-07180RL	180Ω RES	0402	SMT
10	5	R1, R2, R3, R6, R8	YAGEO	RC0603FR-0710KL	10kΩ RES	0603	SMT
11	2	D1, D2	Lite-On Inc.	LTST-C190KRKT	LED Red	0603	SMT
12	2	SW1, SW2	Alps Alpine	SKRPACE010	Tactile Switch	4.2 x 3.2 x 2.5 mm	SMT
13	1	BT1	Adafruit Industries	Li-Polymer 503035	500mAh 3.7V with PCM	34 x 28 x 5 mm	DNS
14	1	U2	Texas Instruments	TPS7A0533PDBZT	3.3V Voltage Reg.	SOT-23	SMT
15	1	Y1	ECS Inc.	ECS-400-10-37B-CKY-TR	40 MHz, ±10ppm	3225	SMT
16	1	J2	G-Switch	GT-USB-7010ASV	USB C/2.0		SMT/TH
17	1	U1	Espressif Systems	ESP32-C3FH4X	RF Transceiver IC	32-VFQFN	SMT
18	1	J1	JST Sales American Inc.	S2B-PH-SM4-TB	2.00mm Connector		SMT
19	5	J3, J4, J5, J6, J7	Harwin Inc.	M20-9990246	2POS Header Pin		TH