

Part No.	Designator	Footprint	Quantity	Designation
1	C8,C18,C21,C13	C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	4	1uF
2	R6,R7	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	2	27.4
3	L3,L5	L_0603_1608Metric_Pad1.05x0.95mm_HandSolder	2	24nH
4	L2	L_0603_1608Metric_Pad1.05x0.95mm_HandSolder	1	11nH
5	D2,D1,D3	LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder	3	LED
6	SW2,SW1	SW-SMD_4P-L5.1-W5.1-P3.70-LS6.5-TL-2	2	TS-1187A-B-A-B
7	C31,C29	C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	2	15pF
8	C19,C12,C25,C23,C17,C27,C32,C24,C20,C26,C22,C7,C9,C16,C14,C15	C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	16	100nF
9	U6	LGA-10_L2.0-W2.0-P0.50-TL_BMP390L	1	BMP390L
10	C10	C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	1	22uF
11	R12,R16,R10,R11,R15	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	5	1k
12	R1	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	1	50
13	R4	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	1	562k
14	L1	L_0603_1608Metric_Pad1.05x0.95mm_HandSolder	1	270nH
15	U4	GPSP-SMD_ATGM336H-TR	1	ATGM336H-5N31
16	X2	CRYSTAL-SMD_4P-L3.2-W2.5-BL	1	ABM8-272-T3_C20625731
17	U3	SOT-23-6	1	MCP1640x-xCHY
18	C3	C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	1	9.1pF
19	U1	ANT-SMD_L10.0-W3.0	1	GPS1003
20	C30,C28,C11,C4	C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	4	10uF
21	R8	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	1	4.7k
22	R9,R5,R2,R18,R14,R13	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	6	10k
23	U2	QLP20	1	SI4432-B1-FMR
24	L4	L_0603_1608Metric_Pad1.05x0.95mm_HandSolder	1	39nH
25	X1	CRYSTAL-SMD_4P-L3.2-W2.5-BL	1	SMD-3225_4P 30.000MHZ 10PF
26	C6	C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	1	120pF
27	U9	SOT-223-3_TabPin2	1	AMS1117-3.3
28	J6	MICRO-USB-SMD_MICRO-USB-18	1	USB_B_Micro
29	R17	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	1	DNF
30	C1	C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	1	12pF
31	C2	C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	1	8.2pF
32	C5	C_0603_1608Metric_Pad1.08x0.95mm_HandSolder	1	4.7uF
33	U10	SOIC-8_5.23x5.23mm_P1.27mm	1	W25Q128JVS
34	U7	QFN-56-1EP_7x7mm_P0.4mm_EP3.2x3.2mm	1	RP2040
35	R3	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	1	976k
36	L6	IND-SMD_L3.3-W3.0	1	4.7uH
37	U5	TO-92_Inline	1	DS18B20