



Comment	Description	Designator	Footprint	LibRef	Quantity
XTAL_ABS06		*1	XTAL_ABS06	XTAL_ABS06	1
Reed_MK24		*2	Reed_MK24-B-3	Reed_MK24	1
22.5pF	Ceramic Chip Capacitor - Standard	C1, C2	0402	00402	2
1.0uF	Ceramic Chip Capacitor - Standard	C3, C10, C11	0402	00402	3
10nF	Ceramic Chip Capacitor - Standard	C4, C12	0402	00402	2
0.1uF	Ceramic Chip Capacitor - Standard	C5, C6, C7, C20	0402	00402	4
47uF		C7	Tant0805	Tant0805	1
0.1 uF	Ceramic Chip Capacitor - Standard	C8, C9	0402	00402	2
00603	Ceramic Chip Capacitor - Standard	C13, C16, C21	0603	00603	3
1uF		C14, C15	Tant0805	Tant0805	2
100nF	Ceramic Chip Capacitor - Standard	C17, C19	0402	00402	2
10uF		C18	Tant0805	Tant0805	1
Shottky		D1	DFLS130	DFLS130	1
LED_0603		D3, D4	Diode0603	LED_0603	2
3000hm	Ferrite 25mOhm@DC, 60 Ohm@100MHz	L1	0805 (M2125) Ferrite	Ferrite 0805 (M2125) 3A	1
47uH		L2	Inductor_KLZ1608AHR	Inductor_KLZ1608	1
100uH		L3	Inductor_NLV32T	Inductor_NLV32T	1
27uH		L4	Inductor MLZ2012M220W1000	Inductor MLZ2012M220W1000	1
2.2uH		L5	Inductor_KLZ1608AHR	Inductor_KLZ1608	1
microSD		P1	Molex microSD	microSD Molex tiny	1
1x2 1.27mm		P2	Header1x2 1.27mm	Header 1x2 1.27mm	1
PIEZO		P3	PIEZO	PIEZO	1
Cortex Debug		P4	Header_2x5_50mil	CortexDebug	1
HDR_4x1_2mm		P5	Hdr_4x1_2mm	HDR_4x1_2mm	1
HDR_2x1_2mm		P6	HDR_2x1_2mm	HDR_2x1_2mm	1
PMF250XN,115	N-Channel Trench MOSFET, 30V, 0.9 A, -55 to 150 degC, 3-Pin SOT323, Tape and Reel	Q1	NXP-SOT323_N	PMF250XN,115	1
10K	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W	R1	3-0603	ERJ3RK	1
100k	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W	R2, R3	3-0603	ERJ3RK	2
Do not place	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W	R4	3-0603	ERJ3RK	1
2k	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W	R5	3-0603	ERJ3RK	1
330X	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W	R6, R7	3-0603	ERJ3RK	2
4.7k	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W	R8, R9	3-0603	ERJ3RK	2
ATSAMD21GA-MUT		U1	0FN127P600-8N	ATSAMD21G18	1
LP3985IM5-3.3	Micropower, 150mA Low-Noise Ultra Low-Dropout CMOS Voltage Regulator, 5-pin SOT-23	U2, U4	MF05A_N	LP3985IM5-3.3	2
TPS62740		U5	TPS6274x	TPS6274x	1
MCP73831T-2DCI/OT	Miniature Single-Cell, Fully Integrated Li-Ion, Li-Polymer Charge Management Controller, 4.2V, 5-Pin SOT-23, Industrial Temperature, Tape and Reel	U6	SOT-23-OT5_N	MCP73831T-2DCI/OT	1
US2DS12		U7	LGA-12	US2DS12	1
Level Shifter	Voltage level translator	U8, U9	DHV0FN14	NTB0104	2
MS5837	Pressure/Temp	U10	MS5837	MS5837	1
MMC33160MT		U11	MMC33160MT	MMC33160MT	1