














Uploaded BOM Data			Review Matched Parts					
Top Designator	Comment	Footprint	Matched Part Detail	Qty	Source	Lib Type	Total Cost	Select ?
C1	10uF	C0603	CL10A106KP8NNNC C19702 10V 10uF X5R ±10% 0603 Multilayer Ceramic Ca...	20	JLPCPB	Basic	\$0.0960 ?	<input checked="" type="checkbox"/>
C2	4700uF	CAP-TH_BD12.5...	EEUFR0J472 C407864 4700uF 6.3V 15mΩ@100kHz ±20% 3.19A@100k...	5	JLPCPB	Extended	\$3.5400 ?	<input checked="" type="checkbox"/>
C3,C4	4.7uF	C0603	CL10A475K08NNNC C19666 16V 4.7uF X5R ±10% 0603 Multilayer Ceramic C...	20	JLPCPB	Basic	\$0.1780 ?	<input checked="" type="checkbox"/>
D1,D2,D3	MBR120VLSF...	SOD-123F_L2.8-...	MBR120VLSFT1G C223608 20V 300mV@1A 1A SOD-123FL Schottky Diode...	15	JLPCPB	Extended	\$2.8560 ?	<input checked="" type="checkbox"/>
H1,H2,H3	Headerpins1x...	1X022.54MMH...	PZ254V-11-02P C492401 Direct Insert Policy 2.5mm 2P 6mm -40°C~+105...	20	JLPCPB	Extended	\$0.2380 ?	<input checked="" type="checkbox"/>
H4	Headerpins1x...	1X042.54MMH...	2.54-1*4 C5116483 4P 2.54mm Single Row 1x4P PlugIn,P=2.54mm ...	6	JLPCPB	Extended	\$0.1236 ?	<input checked="" type="checkbox"/>
J1	DC050	DC050DCPOWE...	DC050-T C431534 Horizontal attachment DC Power Receptacle 2m...	7	JLPCPB	Extended	\$0.9107 ?	<input checked="" type="checkbox"/>
J2	DC-045B-13A	DC-IN-SMD_DC-...	DC-045B-13A C145925 1.3mm 3.6mm 500mA 30V SMD DC Power Con...	5	JLPCPB	Extended	\$0.7980 ?	<input checked="" type="checkbox"/>
LED1	LED-0603_B	LED0603_BLUE	LTL17KRH5D-012A C7435538 ⓘ Red D=3mm LED Indication - Discrete ROHS	19	JLPCPB	Extended	\$1.0070 ?	<input checked="" type="checkbox"/>
LED2	LED-0603_G	LED0603_GREEN	LTL17KRH5D-012A C7435538 ⓘ Red D=3mm LED Indication - Discrete ROHS					<input checked="" type="checkbox"/>
LED3	LED-0603_R	LED0603_RED	LTL17KRH5D-012A C7435538 ⓘ Red D=3mm LED Indication - Discrete ROHS					<input checked="" type="checkbox"/>
R1,R2,R3	1k	R0603	0603WAF1001T5E C21190 100mW Thick Film Resistors 75V ±100ppm/°C ±...	25	JLPCPB	Basic	\$0.0250 ?	<input checked="" type="checkbox"/>
R4,R5	5.1k	R0603	0603WAF5101T5E C23186 100mW Thick Film Resistors 75V ±100ppm/°C ±...	20	JLPCPB	Basic	\$0.0200 ?	<input checked="" type="checkbox"/>
R7,R8,RT2	10k	R0603	0603WAF1002T5E C25804 ⓘ 100mW Thick Film Resistors 75V ±100ppm/°C ±...	25	JLPCPB	Basic	\$0.0225 ?	<input checked="" type="checkbox"/>
R9	270k	R0603	0603WAF2703T5E C22965 100mW Thick Film Resistors 75V ±100ppm/°C ±...	20	JLPCPB	Extended	\$0.0200 ?	<input checked="" type="checkbox"/>
R10	100k	R0603	0603WAF1003T5E C25803 100mW Thick Film Resistors 75V ±100ppm/°C ±...	20	JLPCPB	Basic	\$0.0200 ?	<input checked="" type="checkbox"/>

RT1	10k	R_AXIAL-0.3	CR1/8W-10K±5%-OT26 Carbon Resistor 10kΩ 125mW ±350ppm/°C ±5%...	C2857411		10	JLPCPB	Extended	\$0.0340 	
U1	MCP73871-2...	QFN-20_L4.0-W...	MCP73871-2CAI/ML 6V Lithium-Ion/Polymer 1 1.1A QFN-20(4x4) Bat...	C185603		5	JLPCPB	Extended	\$12.0375 	
USB1	USB-310F	USB-C-SMD_20...	USB-310F-B-SU 3A 1 Horizontal attachment 16P Female Type-C ...	C309365 		5	JLPCPB	Extended	\$2.2050 	
For below not matched parts, try our Manual Parts Selection >										
JST1,JST2	JST_2-PIN_Fe...	JST-PH-2-SMT-RA	No Part Selected	Search 	Pre-order					
R12	∞k	R0603	No Part Selected	Search 	Pre-order					
R101	R_0603_1608...	R_0603_1608M...	No Part Selected	Search 	Pre-order					