

Comment	Description	Designator	Footprint	LibRef	Quantity
Buzzer	Piezo Buzzer External Drive	B1	RS-PRO 535-8449	Buzzer	1
Single Cell LiPo	Battery	BATT1	S2B-XH-A(LF)(SN)	Battery	1
4.7µF	Capacitor	C1, C2	0805	Capacitor	2
330nF	Capacitor	C3	0603	Capacitor	1
100nF	Capacitor	C4, C5	0603	Capacitor	2
8.2nF	Capacitor	C6	0603	Capacitor	1
20nF	Capacitor	C7	0603	Capacitor	1
10nF	Capacitor	C8	0603	Capacitor	1
MF-MSMF050-2	Resettable Fuse 0.5A 15V	F1	MF-MSMF050-2	MF-MSMF050-2	1
Colour	Light Emitting Diode	LED1	0603LED	LED	1
Electrode	2 Pin Header	P1	S2B-XH-A(LF)(SN)	Header 2	1
FDN86265P	P-Channel Logic Level MOSFET	Q1	FDN86265P	FDN86265P	1
BSS138	N-Channel Logic Level MOSFET	Q2	BSS138	BSS138	1
O	Standard Resistor	R1, R2, R5	0603	Resistor	3
10kO	Standard Resistor	R3, R8	0603	Resistor	2
150kO	Standard Resistor	R4	0603	Resistor	1
6.8kO	Standard Resistor	R6	0603	Resistor	1
33O	Standard Resistor	R7	0603	Resistor	1
SPDT Switch	SPDT Switch	S1	MFP120-R	SPDT Switch	1
UA78M33CDCY	Linear Voltage Regulator 3.3V 500mA 25V Input	U1	UA78M33CDCY	UA78M33CDCY	1
MCP73831/2	Li-Ion Charge Management Controller	U2	MCP73831	MCP73831/2	1
AT42QT1010	Digital Burst Mode Charge Transfer Sensor	U3	AT42QT1010	AT42QT1010	1
LM555	555 Timer IC	U4	LM555	LM555	1
USB Type B Connector	USB Type B Female Conn	USB1	Amphenol FCI 10103594	USB Type B Female Conn	1

