

Comment	Description	Designator	Footprint	LibRef	Quantity
1uF	Capacitor	C1, C2, C3, C4, C5, C7, C8	C0805	Cap	7
MBR0520LT1G	Schottky Power Rectifier, 2-Pin SOD-123, Pb-Free, Tape and Reel	D1, D2	ONSC-SOD-123-2-425-04_V	MBR0520LT1G	2
Mini usb_B	Mini usb_B	J1	Mini_USB_B	Mini usb_B	1
Header 10X2	Header, 10-Pin, Dual row	P1, P2	HDR2X10	Header 10X2	2
Header 3	Header, 3-Pin	P3	HDR1X3	Header 3	1
IRLML6402		Q1	SOT95P237X112-3N	IRLML6402	1
BSS138	N-Channel MOSFET	Q2, Q3	Micro3_M	BSS138	2
Res2	Resistor	R1, R2, R3, R4, R7	6-0805_N	Res2	5
10K	Resistor	R5	6-0805_N	Res2	1
4K	Resistor	R6	6-0805_N	Res2	1
STMW	Switch	S1	STMW	STMW	1
CP2102-GM	Single-Chip USB to UART Bridge, 1024 Bytes EEPROM, -40 to 85 degC, 28-pin QFN, Tube	U1	SLAB-QFN-28-3125x3125TP_M	CP2102-GM	1
ESP07	ESP8266	U2	ESP07	ESP07	1
MCP1700T-3302E/TT	Low Quiescent Current LDO, 3-Pin SOT-23, Extended Temperature, Tape and Reel	U3	SOT-23-TT3_N	MCP1700T-3302E/TT	1
MCP73831T-2ATI/OT	Miniature Single-Cell, Full	U5	SOT-23-OT5_N	MCP73831T-2ATI/OT	1



