

Qty	Value	Parts	Device	Package
1	Micro SD Connector	JP2	USD_CONNECTOR	MICRO-SD-SOCKET-PP
1	TXB0104	U5	TXB0104PWRSOIC14	SO14
1	TCA9548APWR	U1	TCA9548A	TSSOP24
4	5k	R10, R11, R12, R14	0603 Resistor	RESC1608X60
1	CR2032SMT	U13	CR2032SMT	CR2032-SMD
2	220	R1, R18	0603 Resistor	RESC1608X60
1	DS3231/SO	IC1	DS3231/SO	SO16W
2	Schottky	U11, U12	DIODE_SCHOTTKY_40V_3A_SMC	SS34FACT-ND
4	Header	J6, J8, J9, J10	Header	2x5 .1" Male Header
2		J11, J12	Header	1x3 .1" Female Header
2	Header	CN1, CN2	Header	1x4 1" Male Header
2	Header	X1, X3	Header	2x4 2mm Male Header
2	Header	X2, X4	Header	332-10
1	22uF	U4	22uF	CAP_ALUM_22UF_20%_63V_SMD
1	33uF	U6	33uF	CAP_ALUM_33UF_20%_63V_SMD
2	4.7uF	U9, U10	4.7uF	CAP_ALUM_4.7UF_20%_100V_SMD
3	0.1u	C1, C2, C4	1206 Capacitor	CAPMP3216X180N
1	33uH	U8	FIXED_IND_47UH_3.8A_60_MOHM_SMD	FIXED_IND_47UH_3.8A_60_MOHM_SMD
1	47uH	U7	FIXED_IND_47UH_3.8A_60_MOHM_SMD	FIXED_IND_47UH_3.8A_60_MOHM_SMD
2	LED 5mm	D1, D2	LED5MM	LED_5MM
1	POWER_JACK	J1	POWER_JACK	POWER_JACK_PTH
12	10k	R2, R3, R4, R5, R6, R7, R8, R9, R13, R15, R16, R17	0603 Resistor	RESC1608X60
5	3-Pin Screw Terminal 5mm	J2, J3, J4, J5, J7	3-Pin Screw Terminal 5mm	SCREWTERMINAL-5MM-3
2	BSS138	Q1, Q2	MOSFET-NCH-BSS138	SOT23-3
1	Switch	S1	SWITCH-SPDT-PTH-11.6X4.0MM	SWITCH_SPDT_PTH_11.6X4.0MM
1	LM2596S-3.3V	IC4	LM2596S	TO263-5
1	LM2596S-5.0V	IC3	LM2596S	TO263-5
	No. Boards		3	