

Line #	Designator	Name	Description	Value	Quantity
	C1, C2	Cap	Capacitor	106	2
	C3	Cap	Capacitor	104	1
	CON1	USB- Micro	USB- Micro		1
	D1	SS12	1N4148		1
	LED1	RED GREEN LED	RED GREEN LED		1
	P1, P3, P4	Header 2	Header, 2- Pin		3
	P2	Header 3	Header, 3- Pin		1
	Q1	AO3401,A19T	P- Channel Power MOSFET		1
	R1, R5	Res2	Resistor	1K	2
	R2	Res2	Resistor	1.2K	1
	R3	Res2	Resistor	10K	1
	R4	Res2	Resistor	100R	1
	R6, R7, R8	Res2	Resistor	0R	3
	U1	TP4056	TP4056		1
	U2	8205A	8205A		1
	U3	DW01A	DW01A		1