

Line #	Name	Description	Designator	Value	Quantity
		Capacitor	C1	104	1
		Capacitor	C2, C7	106	2
		Capacitor	C3, C4, C6	225	3
	16V	Polarized Capacitor (Radial)	C5	100uF	1
	USB-Micro	USB-Micro	CON1		1
	1N4148	Default Diode	D1, D4, D5		3
	RED_GREEN_LED	RED_GREEN_LED	D2		1
	1N4007, T7	Default Diode	D3		1
	Header 9	Header, 9-Pin	P1		1
	AO3401, A19T	P-Channel Power MOSFET	Q1, Q3, Q4		3
	S8050, J3Y	NPN Bipolar Transistor	Q2, Q7		2
	AO3400, A09T	N-Channel Power MOSFET	Q5		1
	AO6801	AO6801	Q6		1
		Resistor	R1	300R	1
		Resistor	R2	20K	1
		Resistor	R3, R6, R8, R9, R10, R12, R14, R15	10K	8
		Resistor	R4, R13	4.7K	2
		Resistor	R5	1K	1
		Resistor	R7, R11, R16	3M	3
	Key	Single-Pole, Single-Throw Switch	S1		1
	CH340K	CH340K	U1		1
	PW5410B	PW5410B	U2		1
	JL4057A	JA4057A	U3		1
	CR2447	CR2447	U4		1