

Qty	Ref Des	Decription	Manufacturer	Manuf. PN	Mouser PN	Cost Ea	Cost Ext.	Notes
9	C1, C2, C3, C4, C5, C6, C7, C8, C9	Electrolytic cap 3300uF 10V	Nichicon	UPJ1A332MHD6	647-UPJ1A332MHD6	\$ 0.84	\$ 7.53	Other caps are fine, 16mm maximum diameter, 20mm maximum height
		Electrolytic cap 3300uF 10V		UPJ1A332MHD6	647-UPJ1A332MHD6	\$ 0.84	\$ -	
		Electrolytic cap 1500uF 25V		UPJ1E152MHD6	647-UPJ1E152MHD6	\$ 1.12	\$ -	
		Electrolytic cap 1000uF 35V		UPJ1V102MHD6	647-UPJ1V102MHD6	\$ 1.14	\$ -	
1	F1	Fuse holder 22.5mm	Keystone	4527	534-4527	\$ 0.74	\$ 0.74	
1	S1	Switch SPDT toggle vertical PC	E-Switch	100SP1T2B4M7QE	612-100SP1T2B4M7QE	\$ 3.10	\$ 3.10	
1	TS2	Pads for output					\$ -	No part installed, pads if you want to connect
1	R1	Resistor 1/4W 121 ohm	Vishay	CCF551K21FKE36	71-CCF551K21FKE36	\$ 0.17	\$ 0.17	Any 1/4W 1% metal film resistor
1	R3	Resistor 1/4W 365 ohm	Vishay	CCF55365RFKE36	71-CCF55365RFKE36	\$ 0.17	\$ 0.17	
		Resistor 1/4W 442 ohm	Vishay	CCF55442RFKE36	71-CCF55442RFKE36	\$ 0.17	\$ -	
		Resistor 1/4W 1k	Vishay	CCF551K00FKE36	71-CCF551K00FKE36	\$ 0.17	\$ -	
		Resistor 1/4W 2.15k	Vishay	CCF552K15FKE36	71-CCF552K15FKE36	\$ 0.17	\$ -	
1	R2	Resistor 1/4W 1k	Vishay	CCF551K00FKE36	71-CCF551K00FKE36	\$ 0.17	\$ 0.17	
		Resistor 1/4W 1.2k	Vishay	CCF551K21FKE36	71-CCF551K21FKE36	\$ 0.17	\$ -	
		Resistor 1/4W 4.7k	Vishay	CCF554K75FKE36	71-CCF554K75FKE36	\$ 0.17	\$ -	
		Resistor 1/4W 10k	Vishay	CCF5510K0FKE36	71-CCF5510K0FKE36	\$ 0.17	\$ -	
1	J1	IEC connector	Schurter	GSP1.8101.1	693-GSP1.8101.1	\$ 1.71	\$ 1.71	
1	HS1	Heatsink	Aavid Thermalloy	513002B25G	532-513002B25G	\$ 1.04	\$ 1.04	
1	D5	LED white 3mm	Lite-On	LTW-420D7	859-LTW-420D7	\$ 0.45	\$ 0.45	Other colors are fine, standard T-1 LED
1	U1	IC LDO LM2941T	Texas Instruments	LM2941T/LF03	926-LM2941T/LF03	\$ 1.59	\$ 1.59	Without LF03 is OK too, it has straight leads
1	VZ1	Varistor for 120V	Littlefuse	V150LA10AP	576-V150LA10AP	\$ 0.61	\$ 0.61	
		Cvaristor for 240V	Littlefuse	V275LA10P	576-V275LA10P	\$ 0.58		
4	D1, D2, D3, D4	Rectifier Schottky	On Semi	MBR1045G	863-MBR1045G	\$ 0.86	\$ 3.44	
1	D6	TVS 600W 12V AC	Littlefuse	P6KE12CA	576-P6KE12CA	\$ 0.44	\$ 0.44	
1	J2	Connector USB	Amphenol FCI	87520-0010BLF	649-87520-0010BLF	\$ 0.73	\$ 0.73	
1	TS1	PCB Screw terminal	Keystone	7779	534-7779	\$ 0.40	\$ 0.40	
1	JP1	Wire jumpers					\$ -	Connect wire jumpers to select 120V or 240V
1	T1	Transformer 5V/10V	Signal Transformer	LP-10-1200	530-LP-10-1200	\$ 14.86	\$ 14.86	
		Transformer 6V/12V		LP-12-900	530-LP-12-900		\$ -	
		Transformer 12\$/24V		LP-24-500	530-LP-24-500		\$ -	
		Transformer 20V/40V		LP-40-300	L530-P-40-300		\$ -	
1	PCB	PCB from pmillett / eBay	pmillett			\$ 20.00	\$ 20.00	
1		Enclosure	Hammond Mfg	1455K1601	546-1455K1601	\$ 19.74	\$ 19.74	You can also use other colors (red, black, blue)
					Total		\$ 57.15	

Color denotes output voltage:

5V
6V
12V
24V