

Designator	Package	Quantity	Designation	Mouser ref
C1	CP_Radial_D10.0mm_P5.00mm_P7.50mm	1	1000u/50V	
C3	CP_Radial_D10.0mm_P5.00mm_P7.50mm	1	100u/35V	
C4,C5,C6,C7,C8,C10	C_Disc_D10.5mm_W5.0mm_P5.00mm	6	1u/50V	
D1,D2,D3	THT	3	UF4007	
R1	THT 2W metal film resistor	1	1	
R2	THT 2W metal film resistor	1	10/2W	
R3	THT 2W metal film resistor	1	100/2W	
R4,R5	R4 = jumper, R5 omitted			
TH1,TH2	R_Radial_Power_L11.0mm_W7.0mm_P5.00mm	2	NTC	871-B57236S0800M000
U1,U2,U3	TO-220-3_Vertical	3	L7824	511-L7824CP
U4	R24-150B	1	R24-150B	
U5	DCWN03B-15	1	DCWN03B-15	
C9	C_Rect_L31.5mm_W15.0mm_P27.50mm_MKS4	1	10u/250V	
C2	CP_Radial_D10.0mm_P2.50mm_P5.00mm	1	100u/25V	
DIP 24 socket	DIP 24 socket	2	DIP 24 socket	
wall wart *	GE40I36-P1J	1	GE40I36-P1J	
DC power connector	5.5/2.1mm	1		
Power Switch **	DPST; OFF-ON; 15A/250VAC	1	DPST	

* Almost any wall wart or external power supply with output of 36V and current capability of 800mA or more will work.

** Any switch that can handle 36V DC / 1A can be used.