

#	Reference	Qty	Value	Footprint	DNP
1	C1	1	4700uF	Capacitor_THT:CP_Radial_D16.0mm_P7.50mm	
2	C2	1	2200uF	Capacitor_THT:CP_Radial_D16.0mm_P7.50mm	
3	C3	1	220uF	Capacitor_THT:CP_Radial_D8.0mm_P3.50mm	
4	D1	1	6A	Diode_THT:Diode_Bridge_Vishay_KBPC6	
5	D2	1	5A	Diode_THT:D_DO-201AD_P12.70mm_Horizontal	
6	H1	1	PAD_AC_IN_1	Connector_Wire:SolderWirePad_1x01_Drill2mm	
7	H2	1	PAD_AC_IN_2	Connector_Wire:SolderWirePad_1x01_Drill2mm	
8	H3	1	+5VDC	Connector_Wire:SolderWirePad_1x01_Drill2mm	
9	H4	1	GND	Connector_Wire:SolderWirePad_1x01_Drill2mm	
10	L1	1	150uH	Inductor_THT:L_Toroid_Vertical_L24.6mm_W15.5mm_P11.44mm_Pulse_KM-4	
11	L2	1	22uH	Inductor_THT:L_Toroid_Vertical_L16.0mm_W8.0mm_P7.62mm	
12	LED1	1	LED	LED_THT:LED_D3.0mm	
13	R1	1	150	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal	
14	R2	1	200	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal	
15	R3	1	10K	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal	
16	U1	1	LM2576T-5	Package_TO_SOT_THT:TO-220-5_P3.4x3.8mm_StaggerEven_Lead7.13mm_TabDown	