

Bill Of Materials

Assembly PSU-7 (single rail adjustable) Power supply, adjustable single +ve rail	Revision 01	Artwork A
Variant V00-PSU7 PSU-7 +48V supply	Status production	

Part Number	Part	Qty	UM	Ref	Alt Part
AX000551A	Capacitor thru-hole electrolytic 1000uF 100V RB 350mil	1.00	ea	C1B	
AX000552I	Capacitor thru-hole electrolytic 10uF 50V RB 100mil	1.00	ea	C6	
AX001005Y	Capacitor thru-hole electrolytic 220uF 63V RB 200mil	1.00	ea	C7	
AX000804H	Capacitor thru-hole poly 0.1uF 63V Wima RB 5mm	2.00	ea	C3, C4	
AX000034G	Connector SIL header 2 way SIL R/A 100mil polarised pin header Header thru-hole 100mil 1x2	1.00	ea	CN2	
AX000368Z	Connector terminal block 2 way side entry terminal block LS 200mil thru-hole custom	1.00	ea	CN1	
AX000453K	Diode rectifier thru-hole 400V 1A 1N4004 Axial thru-hole LS 400mil	6.00	ea	D1, D2, D4-D7	
AX000997W	Diode zener thru-hole 24V 1W 1N4749 Axial thru-hole LS 400mil	1.00	ea	D8	
AX001043K	IC voltage regulator Positive HV variable 1.5A LM317THV TO-220	1.00	ea	U1	
AX000550S	Inductor ferrite thruhole Inductor, ferrite bead 80ohm@100MHz Axial thru-hole LS 400mil	1.00	ea	L1	
AX000373S	LED thru-hole 3mm GREEN LED, high efficiency thru-hole custom	1.00	ea	D3	
AX000491W	PCB PSU-7 PCB	1.00	ea		
AX000597Y	Potentiometer Trimmer, top-adjust multiturn 100mil centres, 10K thru-hole custom	1.00	ea	VR1	
AX000250A	Resistor thru-hole 470R 0.25W 1% metal film Axial thru-hole LS 400mil	1.00	ea	R1	
AX000280V	Resistor thru-hole 8K2 0.25W 1% metal film Axial thru-hole LS 400mil	2.00	ea	R2, R3	