

Bill Of Materials

Assembly PSU-12 (small dual rail adj) Power supply, adjustable dual rail (+/-) 1.5A	Revision 02	Artwork B
Variant V00-PSU12 PSU-12 +/-16V	Status production	

Part Number	Part	Qty	UM	Ref	Alt Part
AX000363L	Capacitor thru-hole ceramic 0.1uF 50V X7R RB 200mil	4.00	ea	C3-C6	
AX001002A	Capacitor thru-hole electrolytic 1000uF 35V RB 300mil	4.00	ea	C1, C1B, C2, C2B	
AX000359A	Capacitor thru-hole electrolytic 10uF 25V RB 100mil	2.00	ea	C7, C8	
AX001128Q	Capacitor thru-hole electrolytic 47uF 50V RB 100mil	2.00	ea	C9, C10	
AX000874E	Connector SIL header 3 way SIL R/A 100mil polarised pin header Header thru-hole 100mil 1x3	1.00	ea	CN2	
AX000369H	Connector terminal block 3 way side entry terminal block, LS 200mil thru-hole custom	1.00	ea	CN1	
AX001106M	Diode bridge thru-hole 4A 600V KBL405 thru-hole custom	1.00	ea	BR1	
AX000453K	Diode rectifier thru-hole 400V 1A 1N4004 Axial thru-hole LS 400mil	4.00	ea	D1-D4	
AX000548X	IC voltage regulator Negative variable 1.5A LM337T TO-220	1.00	ea	U2	
AX000547P	IC voltage regulator Positive variable 1.5A LM317T TO-220	1.00	ea	U1	
AX001344K	LED SMD Red 33mcd SMD 1206	2.00	ea	D5, D6	
AX001107U	PCB PSU-12 (small dual rail adj)	1.00	ea		
AX000601X	Potentiometer Trimmer, top-adjust multiturn 100mil staggered centres, 1K thru-hole custom	2.00	ea	VR1, VR2	
AX000076Y	Resistor SMD 10K 5% 0.1W SMD 0805	2.00	ea	R5, R6	
AX000243R	Resistor thru-hole 0.1W-0.8W 240R 0.25W 1% metal film Axial thru-hole LS 400mil	2.00	ea	R1, R2	
AX000265V	Resistor thru-hole 0.1W-0.8W 2K0 0.25W 1% metal film Axial thru-hole LS 400mil	2.00	ea	R3, R4	