

Bill of Materials

Assembly PSU-8 (triple rail linear adjustable) Power supply, adjustable 2x +ve rails, 1x -ve rail	Revision 02	Artwork B
Variant V00-PSU8 PSU-8 Adjustable rails for 1176LN unit (+30V, -10V, +6V)	Status production	

Part Number	Part	Qty	UM	Ref	Alt Part
AX000363L	Capacitor thru-hole ceramic 0.1uF 50V X7R RB 200mil	6.00	ea	C6-C11	
AX000551A	Capacitor thru-hole electrolytic 1000uF 100V RB 350mil	5.00	ea	C1-C5	Capacitor thru-hole electrolytic 1000uF 50V RB 400mil
AX000552I	Capacitor thru-hole electrolytic 10uF 50V RB 100mil	3.00	ea	C15-C17	Capacitor thru-hole electrolytic 10uF 100V RB 100mil
AX000553Q	Capacitor thru-hole electrolytic 220uF 50V RB 200mil	3.00	ea	C12-C14	
AX000444L	Connector SIL header 2 way SIL 100mil polarised vertical pin header Header thru-hole 100mil 1x2	1.00	ea	CN1	
AX000437C	Connector SIL header 3 way SIL 100mil polarised vertical pin header Header thru-hole 100mil 1x3	1.00	ea	CN3	
AX000369H	Connector terminal block 3 way side entry terminal block, LS 200mil thru-hole custom	1.00	ea	CN2	
AX000453K	Diode rectifier thru-hole 400V 1A 1N4004 Axial thru-hole LS 400mil	12.00	ea	D1-D12	
AX000548X	IC voltage regulator Negative variable 1.5A LM337T TO-220	1.00	ea	U3	
AX000547P	IC voltage regulator Positive variable 1.5A LM317T TO-220	2.00	ea	U1, U2	
AX000550S	Inductor ferrite thruhole Inductor, ferrite bead 80ohm@100MHz Axial thru-hole LS 400mil	3.00	ea	L1-L3	
AX000373S	LED thru-hole 3mm GREEN LED, high efficiency thru-hole custom	3.00	ea	D13-D15	
AX000530E	PCB PSU-8 PCB	1.00	ea		
AX000546H	Potentiometer Trimmer, top-adjust multiturn 100mil centres, 1K thru-hole custom	3.00	ea	VR1-VR3	
AX000258M	Resistor thru-hole 0.1W-0.8W 1K0 0.25W 1% metal film Axial thru-hole LS 400mil	2.00	ea	R7, R9	

AX000262X	Resistor thru-hole 0.1W-0.8W 1K5 0.25W 1% metal film Axial thru-hole LS 400mil	1.00	ea	R10	
AX000243R	Resistor thru-hole 0.1W-0.8W 240R 0.25W 1% metal film Axial thru-hole LS 400mil	3.00	ea	R1-R3	
AX000274U	Resistor thru-hole 0.1W-0.8W 4K7 0.25W 1% metal film Axial thru-hole LS 400mil	1.00	ea	R8	
AX000252Q	Resistor thru-hole 0.1W-0.8W 560R 0.25W 1% metal film Axial thru-hole LS 400mil	1.00	ea	R6	
AX000276K	Resistor thru-hole 0.1W-0.8W 5K6 0.5W 1% metal film Axial thru-hole LS 400mil	1.00	ea	R11	
AX000545Z	Resistor thru-hole 1W-10W 10R 1W 5% carbon film Axial thru-hole LS 700mil	2.00	ea	R4, R5	