

# Bill Of Materials

Assembly PSEQM1 4 output power sequencer controller	Revision 02	Artwork B
Variant V00-PSEQM1 PSEQM1 standard build - fit all components as per BOM	Status production	

Part Number	Part	Qty	UM	Ref	Alt Part
AX000006B	Capacitor SMD ceramic 0.1uF 50V X7R SMD 0805	7.00	ea	C1-C5, C8, C9	
AX000359A	Capacitor thru-hole electrolytic 10uF 25V RB 100mil	1.00	ea	C6	
AX000415Y	Capacitor thru-hole electrolytic 33uF 25V RB 100mil	1.00	ea	C7	
AX001048Y	Connector SIL header 2 pin jumper	1.00	ea	CN12	
AX000028F	Connector SIL header 2 way 100mil vertical pin header Header thru-hole 100mil 1x2	1.00	ea	CN12	
AX000444L	Connector SIL header 2 way SIL 100mil polarised vertical pin header Header thru-hole 100mil 1x2	2.00	ea	CN1, CN9	
AX000034G	Connector SIL header 2 way SIL R/A 100mil polarised pin header Header thru-hole 100mil 1x2	8.00	ea	CN2-CN8, CN10	
AX000436U	Connector SIL header 5 way SIL 100mil polarised vertical pin header Header thru-hole 100mil 1x5	1.00	ea	CN11	
AX000453K	Diode rectifier thru-hole 400V 1A 1N4004 Axial thru-hole LS 400mil	2.00	ea	D1, D2	
AX000844J	IC MPU PIC MPU, PIC16F628-20/SO SO-18 300mil	1.00	ea	U1	
AX000413I	IC voltage regulator +5V 100mA linear 78L05 TO-92	1.00	ea	U2	
AX001065O	PCB PSEQM-1 PCB	1.00	ea		
AX000075Q	Resistor SMD 100R 5% 0.1W SMD 0805	4.00	ea	R10-R13	
AX000076Y	Resistor SMD 10K 5% 0.1W SMD 0805	5.00	ea	R5-R9	
AX000128L	Resistor SMD 2K2 5% 0.1W SMD 0805	4.00	ea	R1-R4	
AX000449Z	Transistor thru-hole BJT NPN GP SW 80V 1A BC639 TO-92	4.00	ea	Q1-Q4	