

Bill of Materials

Assembly PSEQM1 4 output power sequencer controller	Revision 03	Artwork C
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, C4-C9	
AX001325E	Capacitor SMD electrolytic 22uF 35V 5.8x6.3 SMD electro 5.8x6.3	1.00	ea	C3	
AX000359A	Capacitor thru-hole electrolytic 10uF 25V RB 100mil	1.00	ea	C2	
AX001283Y	Connector JST type 2mm 5-way SIL socket SIL-5 thru-hole 2mm	1.00	ea	CN11	
AX000444L	Connector SIL header 2 way SIL 100mil polarised vertical pin header Header thru-hole 100mil 1x2	10.00	ea	CN1-CN10	
AX000914U	Diode rectifier SMD 1A 400V standard recovery M4 SMD DO214BA	2.00	ea	D1, D2	
AX000844J	IC MPU PIC PIC16F628-20/SO SO-18 300mil	1.00	ea	U1	
AX001193Z	IC voltage regulator +5V 100mA linear 78L05 SOT-89	1.00	ea	U2	
AX001454X	LED SMD Red 33mcd SMD 0805	4.00	ea	D3-D6	
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	8.00	ea	R1-R4, R14-R17	
AX001348Q	Transistor SMD BJT MMBT4401 NPN GP SW 40V 600mA SOT-23	4.00	ea	Q1-Q4	