

# Bill Of Materials

Assembly VUM-2 VU Meter Driver Module 2-channel balanced VU meter driver	Revision 02	Artwork B
Variant V00-VUM2 VUM-2 standard build	Status production	

Part Number	Part	Qty	UM	Ref	Alt Part
AX000363L	Capacitor thru-hole ceramic 0.1uF 50V X7R RB 200mil	4.00	ea	C10-C13	
AX000409X	Capacitor thru-hole ceramic 100pF 50V NPO RB 200mil	4.00	ea	C3, C5, C6, C7	
AX000810I	Capacitor thru-hole ceramic 220pF 100V 2C2 RB 200mil	4.00	ea	C1, C2, C4, C7	
AX000614C	Capacitor thru-hole electrolytic 10uF 63V RB 100mil	5.00	ea	C9, C16, C17	
AX001102G	Capacitor thru-hole poly 0.01uF 100V Wima RB 5mm	2.00	ea	C14, C15	
AX000687X	Connector IC socket 14 pin 300mil DIP DIP-14 300mil	1.00	ea	U2	
AX000689N	Connector IC socket 8 pin 300mil DIP DIP-8 300mil	1.00	ea	U1	
AX000444L	Connector SIL header 2 way SIL 100mil polarised vertical pin header Header thru-hole 100mil 1x2	4.00	ea	CN4-CN7	
AX000437C	Connector SIL header 3 way SIL 100mil polarised vertical pin header Header thru-hole 100mil 1x3	3.00	ea	CN1-CN3	
AX000662V	Diode small signal thru-hole Germanium 115V 100mA OA91 Axial thru-hole LS 400mil	4.00	ea	D1-D4	
AX000358S	Diode small signal thru-hole Small signal silicon diode, 75V 200mA 1N4148 Axial thru-hole LS 400mil	2.00	ea	D5, D6	
AX000663D	IC linear op amp Dual low noise op-amp NE5532 DIP-8 300mil	1.00	ea	U1	
AX000370U	IC linear op amp Quad low noise audio op-amp LM837 DIP-14 300mil	1.00	ea	U2	
AX001038R	PCB VUM-2 VU Meter Driver	1.00	ea		
AX000306T	Resistor thru-hole 100K 0.25W 1% metal film Axial thru-hole LS 400mil	2.00	ea	R25, R26	
AX000234S	Resistor thru-hole 100R 0.25W 1% metal film Axial thru-hole LS 400mil	2.00	ea	R17, R18	
AX000801J	Resistor thru-hole 10K 0.25W 0.1% metal film Axial thru-hole LS 400mil	8.00	ea	R1-R8	
AX000282L	Resistor thru-hole 10K 0.25W 1% metal film Axial thru-hole LS 400mil	6.00	ea	R9-R14	
AX000242J	Resistor thru-hole 220R 0.25W 1% metal film Axial thru-hole LS 400mil	2.00	ea	R23, R24	
AX000270O	Resistor thru-hole 3K3 0.25W 1% metal film Axial thru-hole LS 400mil	2.00	ea	R15, R16	
AX000274U	Resistor thru-hole 4K7 0.25W 1% metal film Axial thru-hole LS 400mil	4.00	ea	R19-R22	
AX000744D	Resistor thru-hole 562K 0.25W 1% metal film Axial thru-hole LS 400mil	2.00	ea	R27, R28	

AX0006520

Transistor thru-hole BJT NPN GA AMP 30V 100mA BC549 TO-92

2.00 ea

Q1, Q2