

Bill of Materials

Assembly VOLCM-4 Stereo volume control with summing module Stereo volume control module with summing resistors	Revision 01	Artwork A
Variant V02-VOLCM4 VOLCM-4 Max Gain +6dB, based output	Status production	

Part Number	Part	Qty	UM	Ref	Alt Part
AX000006B	Capacitor SMD ceramic 0.1uF 50V X7R SMD 0805	1.00	ea	C7	
AX000756A	Capacitor SMD ceramic 100pF 50V NPO SMD 0805	2.00	ea	C5, C6	
AX001339R	Capacitor SMD electrolytic 10uF 50V 5x5.4 SMD electro 5x5.4	1.00	ea	C4	
AX001338J	Capacitor SMD electrolytic 220uF 35V 8x10.5 SMD electro 8x10.8	4.00	ea	C1, C2, C8, C9	
AX001325E	Capacitor SMD electrolytic 22uF 35V 5.8x6.3 SMD electro 5.8x6.3	2.00	ea	C3, C11	
AX000437C	Connector SIL header 3 way SIL 100mil polarised vertical pin header Header thru-hole 100mil 1x3	3.00	ea	CN3-CN5	
AX001295V	IC linear op amp Dual low noise op-amp NE5532 SO-8 150mil	2.00	ea	U1, U2	
AX001431L	PCB VOLCM-4 Stereo Volume Control	1.00	ea		
AX001340E	Potentiometer 9mm PCB mtg 100mil centres, 18T metric spline, 10K lin DG thru-hole custom	1.00	ea	VR1	
AX000105Z	Resistor SMD 1K3 5% 0.1W SMD 0805	2.00	ea	R3, R7	
AX000117W	Resistor SMD 22K 5% 0.1W SMD 0805	6.00	ea	R1, R4, R5, R8, R9, R10	
AX000181X	Resistor SMD 680R 5% 0.1W SMD 0805	2.00	ea	R2, R6	