

# Bill Of Materials

Assembly MSM-1 Mono summing module Mono line summing module	Revision 01	Artwork A
Variant V00-MSM1 MSM-1 standard build - fit all components as per BOM	Status production	

Part Number	Part	Qty	UM	Ref	Alt Part
AX000363L	Capacitor thru-hole ceramic 0.1uF 50V X7R RB 200mil	4.00	ea	C15-C18	
AX000409X	Capacitor thru-hole ceramic 100pF 50V NPO RB 200mil	4.00	ea	C1-C4	
AX000810I	Capacitor thru-hole ceramic 220pF 100V 2C2 RB 200mil	2.00	ea	C13, C14	
AX000613U	Capacitor thru-hole electrolytic 10uF 100V RB 100mil	8.00	ea	C5-C12	
AX001010R	Connector audio XLR XLR female PCB mtg RA socket thru-hole custom	2.00	ea	CN1, CN2	
AX001011Z	Connector audio XLR XLR male PCB mtg RA plug thru-hole custom	1.00	ea	CN4	
AX000030A	Connector SIL header 3 way SIL 100mil 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	CN5	
AX000354M	IC linear op amp Balanced line driver SSM-2142P DIP-8 300mil	1.00	ea	U3	
AX000663D	IC linear op amp Dual low noise op-amp NE5532 DIP-8 300mil	2.00	ea	U1, U2	
AX001007O	PCB MSM-1 PCB	1.00	ea		
AX000800B	Resistor thru-hole 100K 0.25W 0.1% metal film Axial thru-hole LS 400mil	4.00	ea	R1-R4	
AX000801J	Resistor thru-hole 10K 0.25W 0.1% metal film Axial thru-hole LS 400mil	13.00	ea	R5-R17	
AX000209L	Resistor thru-hole 10R 0.25W 1% metal film Axial thru-hole LS 400mil	2.00	ea	R18, R19	