

Bill Of Materials

Assembly HPM-1 Line mixer - Stereo headphone amplifier module	Revision 02	Artwork B
Variant V00-HPM1 HPM-1 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	5.00	ea	C1-C5	
AX000409X	Capacitor thru-hole ceramic 100pF 50V NPO RB 200mil	2.00	ea	C12, C13	
AX000614C	Capacitor thru-hole electrolytic 10uF 63V RB 100mil	2.00	ea	C14, C15	
AX001125S	Capacitor thru-hole electrolytic 220uF 35V RB 200mil	6.00	ea	C6-C9, C16, C17	
AX001044S	Capacitor thru-hole electrolytic 22uF 50V 105C RB 100mil	2.00	ea	C10, C11	
AX000611E	Connector audio phone Panel mtg 1/4" plastic socket, solder lug TRS switched	1.00	ea	CN3	
AX000689N	Connector IC socket 8 pin 300mil DIP DIP-8 300mil	5.00	ea	U1-U5	
AX000874E	Connector SIL header 3 way SIL R/A 100mil polarised pin header Header thru-hole 100mil 1x3	2.00	ea	CN1, CN2	
AX000663D	IC linear op amp Dual low noise op-amp NE5532 DIP-8 300mil	3.00	ea	U1-U3	
AX001096R	IC linear op amp Dual low noise op-amp NJM4556 DIP-8 300mil	2.00	ea	U4, U5	
AX001084U	PCB HPM-1 headphone amplifier module	1.00	ea		
AX001081W	Potentiometer 16mm rotary 200mil centres, 18T metric spline, 10K lin DG thru-hole custom	1.00	ea	RV1	
AX000234S	Resistor thru-hole 100R 0.25W 1% metal film Axial thru-hole LS 400mil	6.00	ea	R5-R10	
AX000290C	Resistor thru-hole 22K 0.25W 1% metal film Axial thru-hole LS 400mil	6.00	ea	R11-R16	
AX000274U	Resistor thru-hole 4K7 0.25W 1% metal film Axial thru-hole LS 400mil	2.00	ea	R3, R4	
AX000254G	Resistor thru-hole 680R 0.25W 1% metal film Axial thru-hole LS 400mil	2.00	ea	R1, R2	