

# Bill of Materials

Assembly <b>BABOM-1 Bus Amplifier &amp; Balanced Out Module Stereo bus amplifier and balanced output module, 6.35mm output</b>	Revision <b>02</b>	Artwork <b>B</b>
Variant <b>V02-BABOM1 BABOM-1 bus amp gain +6dB</b>	Status <b>production</b>	

Part Number	Part	Qty	UM	Ref	Alt Part
AX000006B	Capacitor SMD ceramic 0.1uF 50V X7R SMD 0805	6.00	ea	C3-C6, C19, C20	
AX001376V	Capacitor SMD ceramic 220pF 50V NPO SMD 0805	4.00	ea	C1, C2, C15, C16	
AX001275H	Capacitor SMD electrolytic 10uF 25V 4x5.5 SMD electro 4x5.4	4.00	ea	C11-C14	
AX001423U	Capacitor SMD electrolytic 22uF 16V 5x5.4 SMD electro 5x5.4	2.00	ea	C17, C18	
AX000365B	Capacitor thru-hole electrolytic 10uF 25V NP RB 100mil	4.00	ea	C7-C10	
AX001380G	Connector audio phone Panel mtg 1/4" plastic socket, PCB mount TRS switched thru-hole custom	2.00	ea	CN2, CN3	
AX000034G	Connector SIL header 2 way SIL R/A 100mil polarised pin header Header thru-hole 100mil 1x2	2.00	ea	CN4, CN5	
AX000874E	Connector SIL header 3 way SIL R/A 100mil polarised pin header Header thru-hole 100mil 1x3	2.00	ea	CN1, CN6	
AX001337B	IC linear op amp Balanced audio line driver THAT1646 SO-8 150mil	2.00	ea	U1, U2	
AX001295V	IC linear op amp Dual low noise op-amp NE5532 SO-8 150mil	2.00	ea	U3, U4	
AX000757I	Inductor ferrite SMD Ferrite, 120ohm@100MHz 0.25ohm RDC 390mA SMD 0805	2.00	ea	L1, L2	
AX001433B	PCB BABOM-1 Bus Amplifier & Balanced Out Module	1.00	ea		
AX000076Y	Resistor SMD 10K 5% 0.1W SMD 0805	4.00	ea	R25-R28	
AX000117W	Resistor SMD 22K 5% 0.1W SMD 0805	4.00	ea	R29-R32	
AX000190W	Resistor SMD 75R 5% 0.1W SMD 0805	2.00	ea	R33, R34	