

Bill of Materials

Assembly PA-1 68W Class-AB LM3886 Power Amplifier 68W LM3886	Revision 05	Artwork E
Variant V00-PA1 PA-1 standard build - fit all components as per BOM	Status production	

Part Number	Part	Qty	UM	Ref	Alt Part
AX000810I	Capacitor thru-hole ceramic 220pF 100V 2C2 RB 200mil	1.00	ea	C1	
AX000553Q	Capacitor thru-hole electrolytic 220uF 50V RB 200mil	2.00	ea	C5, C6	
AX000615K	Capacitor thru-hole electrolytic 22uF 63V RB 100mil	2.00	ea	C7, C8	
AX000804H	Capacitor thru-hole poly 0.1uF 63V Wima RB 5mm	3.00	ea	C2-C4	
AX000034G	Connector SIL header 2 way SIL R/A 100mil polarised pin header Header thru-hole 100mil 1x2	1.00	ea	CN1	
AX000368Z	Connector terminal block 2 way side entry terminal block LS 200mil thru-hole custom	1.00	ea	CN2	
AX000369H	Connector terminal block 3 way side entry terminal block, LS 200mil thru-hole custom	1.00	ea	CN3	
AX000947N	IC linear power amplifier LM3886T Class AB power amplifier 68W thru- hole custom	1.00	ea	U1	
AX000397M	PCB PA-1 LM3886T Power Amp	1.00	ea		
AX000288H	Resistor thru-hole 0.1W-0.8W 18K 0.25W 1% metal film Axial thru-hole LS 400mil	1.00	ea	R1	
AX000258M	Resistor thru-hole 0.1W-0.8W 1K0 0.25W 1% metal film Axial thru-hole LS 400mil	2.00	ea	R2, R3	
AX000290C	Resistor thru-hole 0.1W-0.8W 22K 0.25W 1% metal film Axial thru-hole LS 400mil	1.00	ea	R4	
AX000292S	Resistor thru-hole 0.1W-0.8W 27K 0.25W 1% metal film Axial thru-hole LS 400mil	1.00	ea	R6	
AX000545Z	Resistor thru-hole 1W-10W 10R 1W 5% carbon film Axial thru-hole LS 700mil	1.00	ea	R7	
AX001001S	Resistor thru-hole 1W-10W 2R7 1W 5% carbon Axial thru-hole LS 700mil	1.00	ea	R5	