

Bill Of Materials

Assembly APM-3 BTL Audio Power Meter (4 LED) BTL Audio Power Meter (4 LEDs)	Revision 01	Artwork A
Variant V04-APM3 APM-3 Single-ended peak level meter	Status production	

Part Number	Part	Qty	UM	Ref	Alt Part
AX000004L	Capacitor SMD ceramic 0.01uF 50V X7R SMD 0805	1.00	ea	C3	
AX000006B	Capacitor SMD ceramic 0.1uF 50V X7R SMD 0805	3.00	ea	C4, C5	
AX001280A	Capacitor SMD ceramic 150pF 50V NPO SMD 0805	1.00	ea	C1	
AX001275H	Capacitor SMD electrolytic 10uF 25V 4x5.5 SMD custom	2.00	ea	C6, C7	
AX000444L	Connector SIL header 2 way SIL 100mil polarised vertical pin header Header thru-hole 100mil 1x2	1.00	ea	CN1	
AX000437C	Connector SIL header 3 way SIL 100mil polarised vertical pin header Header thru-hole 100mil 1x3	1.00	ea	CN2	
AX000915C	Diode small signal SMD 100V 100mA MCL4148 SOD-80C (mini-melf)	4.00	ea	D1-D4	
AX001295V	IC linear op amp Dual low noise op-amp NE5532 SO-8 150mil	1.00	ea	U2	
AX001042C	IC linear special function Low power quad comparator, LM2901 SO-14 150mil	1.00	ea	U1	
AX001130L	LED thru-hole 3mm BLUE LED, high efficiency blue diffused thru-hole custom	2.00	ea	D7, D8	
AX000610W	LED thru-hole 3mm WHITE LED, high efficiency thru-hole custom	1.00	ea	D5	
AX000374A	LED thru-hole 3mm YELLOW LED, high efficiency thru-hole custom	1.00	ea	D6	
AX001354R	PCB APM-3 BTL Audio Power Meter (4 LED)	1.00	ea		
AX000597Y	Potentiometer Trimmer, top-adjust multiturn 100mil centres, 10K thru-hole custom	1.00	ea	VR1	
AX000073A	Resistor SMD 0R0 5% 0.1W SMD 0805	4.00	ea	R1, R2, R4, R7	
AX000074I	Resistor SMD 100K 5% 0.1W SMD 0805	1.00	ea	R3	
AX000075Q	Resistor SMD 100R 5% 0.1W SMD 0805	1.00	ea	R18	
AX000076Y	Resistor SMD 10K 5% 0.1W SMD 0805	2.00	ea	R5, R10	
AX000107P	Resistor SMD 1K6 5% 0.1W SMD 0805	1.00	ea	R16	
AX000108X	Resistor SMD 1K8 5% 0.1W SMD 0805	1.00	ea	R15	
AX000116O	Resistor SMD 220R 5% 0.1W SMD 0805	1.00	ea	R17	
AX000117W	Resistor SMD 22K 5% 0.1W SMD 0805	3.00	ea	R11, R12, R19	
AX000127D	Resistor SMD 2K0 5% 0.1W SMD 0805	1.00	ea	R14	
AX000162R	Resistor SMD 4K7 5% 0.1W SMD 0805	1.00	ea	R9	
AX000167F	Resistor SMD 51K 5% 0.1W SMD 0805	1.00	ea	R8	
AX000196S	Resistor SMD 8K2 5% 0.1W SMD 0805	1.00	ea	R13	
AX001349Y	Transistor SMD BJT PNP GP SW 40V 600mA MMBT4403 SOT-23	1.00	ea	Q1	