

# Bill Of Materials

Assembly MPM-3C-METER MPM-3 LED metering module with trim and VU	Revision 02	Artwork B
Variant V00-MPM3C-METER-B MPM3C-02B Range: 0dB to -14dB peak and vu options	Status production	

Part Number	Part	Qty	UM	Ref	Alt Part
AX000006B	Capacitor SMD ceramic 0.1uF 50V X7R SMD 0805	3.00	ea	C1-C3	
AX001088A	Capacitor thru-hole electrolytic 2.2uF 25V RB 100mil	1.00	ea	C4	
AX000573E	Capacitor thru-hole electrolytic 4.7uF 50V sub-mini 4x8mm RB 100mil	3.00	ea	C5-C7	
AX001040M	Connector ribbon header 10 way dual row 100mil RA pin header Header thru-hole 100mil 2x5	1.00	ea	CN1	
AX000030A	Connector SIL header 3 way SIL 100mil vertical pin header Header thru-hole 100mil 1x3	1.00	ea	CN3	
AX001035T	Connector SIL header 4 way SIL R/A 100mil polarised pin header Header thru-hole 100mil 1x4	1.00	ea	CN2	
AX000915C	Diode small signal SMD 100V 100mA MCL4148 SOD-80C (mini-melf)	5.00	ea	D1-D5	
AX000356C	IC linear op amp Dual JFET low noise audio op-amp TL072/LF353 DIP-8 300mil	1.00	ea	U1	
AX001042C	IC linear special function Low power quad comparator, LM2901 SO-14 150mil	2.00	ea	U2, U3	
AX000373S	LED thru-hole 3mm GREEN LED, high efficiency thru-hole custom	7.00	ea	D7-D13	
AX000374A	LED thru-hole 3mm YELLOW LED, high efficiency thru-hole custom	1.00	ea	D6	
AX001031N	PCB MPM-3C Metering Module	1.00	ea		
AX000597Y	Potentiometer Trimmer, top-adjust multiturn 100mil centres, 10K thru-hole custom	1.00	ea	VR1	
AX000074I	Resistor SMD 100K 5% 0.1W SMD 0805	1.00	ea	R2	
AX000075Q	Resistor SMD 100R 5% 0.1W SMD 0805	1.00	ea	R12	
AX000090Q	Resistor SMD 15K 5% 0.1W SMD 0805	1.00	ea	R7	
AX000103J	Resistor SMD 1K1 5% 0.1W SMD 0805	1.00	ea	R9	
AX000106H	Resistor SMD 1K5 5% 0.1W SMD 0805	2.00	ea	R8, R16	
AX000116O	Resistor SMD 220R 5% 0.1W SMD 0805	1.00	ea	R3	
AX000117W	Resistor SMD 22K 5% 0.1W SMD 0805	2.00	ea	R5, R6	
AX000137K	Resistor SMD 330R 5% 0.1W SMD 0805	1.00	ea	R15	

AX000138S	Resistor SMD 33K 5% 0.1W SMD 0805	2.00	ea	R4, R17	
AX000158G	Resistor SMD 470R 5% 0.1W SMD 0805	1.00	ea	R14	
AX000162R	Resistor SMD 4K7 5% 0.1W SMD 0805	1.00	ea	R1	
AX000177M	Resistor SMD 620R 5% 0.1W SMD 0805	1.00	ea	R13	
AX000181X	Resistor SMD 680R 5% 0.1W SMD 0805	1.00	ea	R11	
AX000198I	Resistor SMD 910R 5% 0.1W SMD 0805	1.00	ea	R10	
AX000654E	Transistor thru-hole BJT PNP GP AMP 40V 600mA 2N4403 TO-92	1.00	ea	Q1	