

# Bill of Materials

|  |                             |                     |
|--|-----------------------------|---------------------|
| Assembly<br><b>VOLCM-4 Stereo volume control with summing module<br/>Stereo volume control module with summing resistors</b> | Revision<br><b>01</b>       | Artwork<br><b>A</b> |
| Variant<br><b>V01-VOLCM4 VOLCM-4 Max Gain +6dB, non-based output</b>   | Status<br><b>production</b> |                     |

| Part Number | Part   | Qty  | UM | Ref            | Alt Part |
|-------------|--|------|----|----------------|----------|
| AX000006B   | Capacitor SMD ceramic 0.1uF 50V X7R SMD 0805   | 1.00 | ea | C7             |          |
| AX000756A   | Capacitor SMD ceramic 100pF 50V NPO SMD 0805   | 2.00 | ea | C5, C6         |          |
| AX001339R   | Capacitor SMD electrolytic 10uF 50V 5x5.4 SMD electro 5x5.4  | 1.00 | ea | C4             |          |
| AX001338J   | Capacitor SMD electrolytic 220uF 35V 8x10.5 SMD electro 8x10.8                                     | 4.00 | ea | C1, C2, C8, C9 |          |
| AX001325E   | Capacitor SMD electrolytic 22uF 35V 5.8x6.3 SMD electro 5.8x6.3                                    | 2.00 | ea | C3, C11        |          |
| AX000437C   | Connector SIL header 3 way SIL 100mil polarised vertical pin header<br>Header thru-hole 100mil 1x3 | 3.00 | ea | CN3-CN5        |          |
| AX001295V   | IC linear op amp Dual low noise op-amp NE5532 SO-8 150mil  | 2.00 | ea | U1, U2         |          |
| AX001431L   | PCB VOLCM-4 Stereo Volume Control  | 1.00 | ea |                |          |
| AX001340E   | Potentiometer 9mm PCB mtg 100mil centres, 18T metric spline, 10K lin<br>DG thru-hole custom        | 1.00 | ea | VR1            |          |
| AX000075Q   | Resistor SMD 100R 5% 0.1W SMD 0805   | 2.00 | ea | R9, R10        |          |
| AX000105Z   | Resistor SMD 1K3 5% 0.1W SMD 0805  | 2.00 | ea | R3, R7         |          |
| AX000117W   | Resistor SMD 22K 5% 0.1W SMD 0805  | 4.00 | ea | R1, R4, R5, R8 |          |
| AX000181X   | Resistor SMD 680R 5% 0.1W SMD 0805   | 2.00 | ea | R2, R6         |          |