

# Bill of Materials

Assembly <b>ASCM-3 Audio Switch Control Module Audio switch control module 2-in, 4-out, Mute</b>	Revision <b>02</b>	Artwork <b>B</b>
Variant <b>V01-ASCM3 ASCM-3 5V VLED, onboard LED R</b>	Status <b>production</b>	

Part Number	Part	Qty	UM	Ref	Alt Part
AX000006B	Capacitor SMD ceramic 0.1uF 50V X7R SMD 0805	9.00	ea	C1-C8, C10	
AX001276P	Capacitor SMD electrolytic 1uF 50V 4x5.4 SMD electro 4x5.4	1.00	ea	C11	
AX001325E	Capacitor SMD electrolytic 22uF 35V 5.8x6.3 SMD electro 5.8x6.3	1.00	ea	C12	
AX001283Y	Connector JST type 5-way SIL socket 2.0mm (PH) SIL-5 thru-hole 2.0mm	1.00	ea	CN14	
AX000444L	Connector SIL header 2 way KF2510 SIL 100mil polarised vertical pin header Header thru-hole 100mil 1x2	1.00	ea	CN15	
AX000437C	Connector SIL header 3 way KF2510 SIL 100mil polarised vertical pin header Header thru-hole 100mil 1x3	6.00	ea	CN8-CN13	
AX000697E	Connector SIL header 4 way KF2510 SIL 100mil polarised vertical pin header Header thru-hole 100mil 1x5	7.00	ea	CN1-CN7	
AX000915C	Diode small signal SMD 100V 100mA MCL4148 SOD-80C (mini-melf)	7.00	ea	D1-D7	
AX000844J	IC MPU PIC PIC16F628-20/SO SO-18 300mil	1.00	ea	U1	
AX001495H	PCB ASCM-3 Audio Switch Control Module PCB	1.00	ea		
AX000075Q	Resistor SMD 100R 5% 0.1W SMD 0805	7.00	ea	R30-R36	
AX000076Y	Resistor SMD 10K 5% 0.1W SMD 0805	15.00	ea	R8-R21, R29	
AX000159O	Resistor SMD 47K 5% 0.1W SMD 0805	7.00	ea	R22-R28	
AX000170I	Resistor SMD 560R 5% 0.1W SMD 0805	7.00	ea	R1-R7	
AX001348Q	Transistor SMD BJT MMBT4401 NPN GP SW 40V 600mA SOT-23	7.00	ea	Q1-Q7	