

Bill Of Materials

Assembly ISM-2 Audio input bal-unbal XLR switch module ISM-2 Stereo balanced XLR input switch module	Revision 01	Artwork A
Variant V01-ISM2 ISM-2 with 5V relay operation	Status production	

Part Number	Part	Qty	UM	Ref	Alt Part
AX000006B	Capacitor SMD ceramic 0.1uF 50V X7R SMD 0805	4.00	ea	C7-C10	
AX001376V	Capacitor SMD ceramic 220pF 50V SMD 0805	4.00	ea	C1-C4	
AX000750E	Capacitor SMD ceramic 22pF 50V NPO SMD 0805	2.00	ea	C5, C6	
AX001275H	Capacitor SMD electrolytic 10uF 25V 4x5.5 SMD electro 4x5.4	6.00	ea	C11-C16	
AX001010R	Connector audio XLR XLR female PCB mtg RA socket thru-hole custom	2.00	ea	CN1, CN2	
AX000437C	Connector SIL header 3 way SIL 100mil polarised vertical pin header Header thru-hole 100mil 1x3	3.00	ea	CN3-CN5	
AX000914U	Diode rectifier SMD 1A 400V standard recovery M4 SMD DO214BA	1.00	ea	D1	
AX001291P	IC linear op amp Differential line receiver THAT1250 SO-8 150mil	2.00	ea	U1, U2	
AX001425K	PCB ISM-2 Audio input switch bal-unbal XLR	1.00	ea		
AX000865F	Relay thruhole 5VDC 178ohm coil, 2formC, 30VDC 2A EC2-5NA thru-hole custom	1.00	ea	RL1	
AX000074I	Resistor SMD 100K 5% 0.1W SMD 0805	4.00	ea	R1-R4	
AX000076Y	Resistor SMD 10K 5% 0.1W SMD 0805	1.00	ea	R7	
AX000117W	Resistor SMD 22K 5% 0.1W SMD 0805	2.00	ea	R8, R9	
AX000160B	Resistor SMD 47R 5% 0.1W SMD 0805	2.00	ea	R5, R6	
AX000203P	Transistor SMD BJT NPN GP SW 45V 500mA BC817-40 SOT-23	1.00	ea	Q1	