

MP1 MkII Mic Preamp - BOM

Q.ty	Part	Value	Description
1	U4	LM317L	Voltage Regulator
1	U3	TL072	Integrated Circuit
1	U2	LM339N	Integrated Circuit
2	U1,U5	NE5532	Integrated Circuit
1	T1	LL1528	Input Transformer
1	R50	330R	1/4 W Resistor
1	R48	5K1	1/4 W Resistor
1	R51	1K2	1/4 W Resistor
2	R19,R47	1K8	1/4 W Resistor
1	R46	22K	1/4 W Resistor
1	R42	47K	1/4 W Resistor
3	R40,R41,R43	20K	1/4 W Resistor
1	R30	470K	1/4 W Resistor
1	R29	1M	1/4 W Resistor
3	R25,R28,R52	1K	1/4 W Resistor
2	R17,R32	6K8	1/4 W Resistor
1	R16	2K7	1/4 W Resistor
5	R15,R21,R36,R37,R53	270R	1/4 W Resistor
4	R8,R24,R38,R49	2K2	1/4 W Resistor
1	R7	150R	1/4 W Resistor
6	R3,R10,R14,R26,R27,R34	100K	1/4 W Resistor
2	R2,R13	33R	1/4 W Resistor
2	R1,R4	560R	1/4 W Resistor
8	R5,R6,R11,R12,R20,R23,R33,R44	10K	1/4 W Resistor
1	RV1	10K	Multi-turn Trimmer
1	P1	10K	Potentiometer Lin Taper (B)
1	Q1	2N5088	Transistor
2	L1,L2	10mH	Inductor
7	DOA1		Op-Amp Sockets
1	D15	BZX79C5V1	Zener diode
2	D12,D14	1N4148	Diode
4	D2,D3,D7,D8	1N4007	Diode
2	D11,D13		3mm LED Diode Green
1	D10		3mm LED Diode Orange
2	D5,D9		3mm LED Diode Red
3	RL1,RL3,RL4		Relay (DPDT)
1	RL2		Relay (SPDT)
4	SW1,SW2,SW3,SW4		Push Button Switch
1	JK1		DI Jack
1	C20	1uF - 63V	Electrolytic Capacitor
1	C12	470nF	Film Capacitor
1	C11	1000uF - 35V	Electrolytic Capacitor
4	C4,C5,C8,C13	22pF	Ceramic capacitor
12	C3,C9,C10,C16,C17,C18,C19,C22,C23,C25,C26,C29	100nF	Ceramic capacitor
2	C27*,C28* Optional - NOT SUPPLIED	100nF	Ceramic capacitor
7	C2,C6,C7,C14,C15,C21,C24	100uF - 25V	Electrolytic Capacitor
1	C1	330pF	Film Capacitor
1	PCB		PCB MP1 MkII
<b>*** Mechanical ***</b>			
4	Standoffs 5mm		
4	Screws M3		round head/exhagonal
4	Bolts M3		
2	Bolts M2		Front panel
8	Washers M3		Flat Washer
2	Nut M2		Front panel
<b>*** Hardware ***</b>			
1	L-bracket		
1	Potentiometer knob		
1	Front Panel		