

MCAudioLab VTS mkII Vintage Tube Saturation - BOM

Q.ty	Part	Value	Description	
12	C3,C5,C6,C9,C12,C15,C17,C21,C22,C23,C35,C37	100uF - 25V	Electrolytic Capacitor	
2	C1,C8	100uF - 63V	Electrolytic Capacitor	
7	C2,C4,C10,C11,C18,C19,C20	22pF	Ceramic disc Capacitor	
15	C14,C24,C26,C27,C28,C29,C31,C32,C33,C36,C38,C40,C41,C42,C43	100nF	Ceramic disc Capacitor	
2	C34,C39	1uF - 63V	Electrolytic Capacitor	
2	D8,D10		Green LED flat top	
1	D7		Orange LED flat top	
2	D1,D5		Red LED flat top	
1	D2	1N4007	Diode	
4	D3,D4,D9,D11	1N4148	Diode	
1	D6	BZX79C5V1	Diode	
1	J3		1x8 Male Header	
2	L2,L3	10mH	Inductor	brown black orange gold
1	P1	10KA	Potentiometer Double	Log Taper (A)
1	P2	10KA	Potentiometer	Log Taper (A)
1	P3	10KB	Potentiometer	Lin Taper (B)
2	RV1,RV2	10K	multi-turn trimmer	
2	R1,R6	330K	1/4 W Resistor	orange orange yellow gold
16	R2,R5,R7,R8,R9,R10,R13,R14,R15,R16,R21,R23,R26,R27,R36,R48	10K	1/4 W Resistor	brown black orange gold
1	R3	27K	1/4 W Resistor	red violet orange gold
3	R4,R12,R39	1K8	1/4 W Resistor	brown grey yellow gold
8	R11,R22,R24,R29,R30,R34,R45,R54	100K	1/4 W Resistor	brown black yellow gold
2	R17,R41	2K2	1/4 W Resistor	red red red gold
2	R18,R49	270R	1/4 W Resistor	red violet brown gold
2	R19,R28	33R	1/4 W Resistor	orange orange black gold
1	R20	4K7	1/4 W Resistor	yellow violet red gold
1	R25	680R	1/4 W Resistor	blue grey brown gold
1	R31	8R2 - 1W	1 W Resistor	grey red gold gold
6	R32,R33,R35,R43,R44,R47	20K	1/4 W Resistor	red black orange gold
2	R38,R51	22K	1/4 W Resistor	red red orange gold
1	R40	5K1	1/4 W Resistor	green brown red gold
1	R42	1K2	1/4 W Resistor	brown red red gold
1	R46	1K	1/4 W Resistor	brown black red gold
1	R52	330R	1/4 W Resistor	orange orange brown gold
1	RL1		Relay (DPDT)	
1	SW1		Push Button Switch	
1	U2	ECC83 - 12AX7	Vacuum Tube	
4	U3,U4,U5,U6	NE5532	Integrated Circuit	
2	U8,U11	TL072	Integrated Circuit	
1	U10	LM339	Integrated Circuit	
1	U12	LM317L	Voltage Regulator	TO92 package
1	U1	LM317	Voltage Regulator	TO-220 package
1	PCB	PCB	VTS mainboard	

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Quantiti	Part	Value	Description
*** Meter ***			
2	C1,C2	100nF	Ceramic disc Capacitor
1	D1		Red LED flat top
1	D2		Yellow LED flat top
1	D3		Green LED flat top
1	J1		1x8 Female Header Socket
1	R1	6K8	1/4 W Resistor blue grey red gold
1	R2	2K7	1/4 W Resistor red violet red gold
2	R3,R4	680R	1/4 W Resistor blue grey brown gold
1	R5	330R	1/4 W Resistor orange orange brown gold
1	U1	LM339	Integrated Circuit
1	U2	LM317L	Voltage Regulator TO92 package
1	PCB		Meter PCB
*** Noval Tube Board ***			
1	Noval Socket		Tube Socket
1	PCB		Tube holder PCB
*** Mechanical ***			
4	Metal Standoff - 5mm		
1	Metal Standoff - 10mm		
2	Screws M2	Button Head	
4	Screws M3	Button Head / hex key	
2	Screws M3	Flat head screw	
4	Nut M3		
2	Nut M2		
10	Washers M3	Flat Washer M3	
*** Hardware ***			
1	L-bracket		
1	POTENTIOMETER KNOB		
1	Front Panel		
1	Heatsink		Heatsink TO-220