



Microv (Musitronics™ Micro V™ Replica) Bill of Materials


























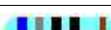


Version 2014February24

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Resistors:

Resistor ID	Value	3-band Marking	4-band Marking
R1	100k	 brown-black-yellow	 brown-black-black-orange
R2	100k	 brown-black-yellow	 brown-black-black-orange
R3	10k	 brown-black-orange	 brown-black-black-red
R4	330 ohm	 orange-orange-brown	 orange-orange-black-black
R5	6k8 (6.8k)	 blue-gray-red	 blue-gray-black-brown
R6	47k	 yellow-violet-orange	 yellow-violet-black-red
R7	22k	 red-red-orange	 red-red-black-red
R8	22k	 red-red-orange	 red-red-black-red
R9	33k	 orange-orange-orange	 orange-orange-black-red
R10	15k	 brown-green-orange	 brown-green-black-red
R11	330 ohm	 orange-orange-brown	 orange-orange-black-black
R12	22k	 red-red-orange	 red-red-black-red
R13 (Potentiometer Sensitivity Control)	1M Linear		
R14	680 ohm	 blue-gray-brown	 blue-gray-black-black
R15	47k	 yellow-violet-orange	 yellow-violet-black-red













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R16a	1M	 brown-black-green	 brown-black-black-yellow
R16b	1M	 brown-black-green	 brown-black-black-yellow
R17	4k7 (4.7k)	 yellow-violet-red	 yellow-violet-black-brown
R18	100k	 brown-black-yellow	 brown-black-black-orange
R19	none		
R20	1k	 brown-black-red	 brown-black-black-brown

Capacitors:

Capacitor ID	Value	Type	Possible Marking
C1	0.1 μ F	Film	104
C2	0.047 μ F	Film	473
C3	0.033 μ F	Film	333
C4	0.0022 μ F	Film	222
C5	0.0022 μ F	Film	222
C6	0.0018 μ F	Film	182
C7	10 μ F	Aluminum Electrolytic	10 μ F
C8	100 μ F	Aluminum Electrolytic	100 μ F
C9	4.7 μ F	Aluminum Electrolytic	4.7 μ F
C10	0.068 μ F	Film	683
C11	4.7 μ F	Aluminum Electrolytic	4.7 μ F
C12	100pF	Ceramic or Film	101 (or 100pF)
C13	100 μ F	Aluminum Electrolytic	100 μ F

Potentiometers:

Part ID	Value	Type
R13 - Sensitivity Control	1M	Linear Taper



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Other:

Part ID	Part Name
IC1	RC4558D or other dual opamp
IC2	LM13700
D1, D2, D3,	1N914 Diodes
Q1, Q2	2N5089 (or 2N5088)
Q3	2N5087
D4	9.1v Zener Diode
D5	LED
J1	Stereo quarter-inch jack
J2	Mono quarter-inch jack
J3	DC Jack
B1	9 volt battery (not included in the Kit)
Sw1	Heavy Duty 3PDT foot switch
Sw2 (Hi/Lo Switch)	DPDT on-on toggle switch
	9v battery snap, Printed Circuit Board, 24 gauge stranded wire, Enclosure, Knobs