



Aron Nelson's Lava Rim 2 Bill of Materials









Version 2012February14

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Resistors:

Resistor ID	Value	3-band Marking	4-band Marking
R1	100k Trimmer		
R2	50k Trimmer		
R3	100k	 brown-black-yellow	 brown-black-black-orange
R4	100k	 brown-black-yellow	 brown-black-black-orange
R5	5k linear potentiometer		
R6	50k Log Potentiometer		
R7	1k	 brown-black-red	 brown-black-black-brown
R8	1M5 (1.5M)	 brown-green-green	 brown-green-black-yellow
R9	5K Trimmer		
R10	100k Linear Potentiometer		

Capacitors:

Capacitor ID	Value	Type	Possible Marking
C1	0.1 μ F	Film	104
C2	0.22 μ F	Film	224
C3	47 μ F	Aluminum Electrolytic	47 μ F
C4	220pF	Ceramic	220
C5	22 μ F	Aluminum Electrolytic	22 μ F

Potentiometers:

Part ID	Value	Type
R1	100k	Trimmer
R2	50k	Trimmer
R5	5k	Linear



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R6	50k	Log
R9	5K	Trimmer
R10	100k	Linear

Other:

Part ID	Part Name
D1	1N914
D2	1N914
Q1	Low Gain NPN such as 2N3904
Q2	Low Gain NPN such as 2N3904
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
	9v battery snap, Printed Circuit Board, 24 gauge stranded wire, Enclosure, Knobs