



JOAM BoutiqueBoost Bill of Materials

Version 2011May10

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Resistors:

Resistor ID	Value	3-band Marking	4-band Marking
R1	1M	 brown-black-green	 brown-black-black-yellow
R2	1M	 brown-black-green	 brown-black-black-yellow
R3	1M	 brown-black-green	 brown-black-black-yellow
R4	None		
R5	1k	 brown-black-red	 brown-black-black-brown
R6 (Volume Control Potentiometer)	100k Log		
R7 (Pre-Gain Control Potentiometer)	500k Linear		
R8	1k	 brown-black-red	 brown-black-black-brown
R9	None		
R10 (Tone Control Potentiometer)	100k Linear		

Capacitors:

Capacitor ID	Value	Type	Possible Marking
C1	None		
C2	3.3 μ F N.P.	Aluminum Electrolytic Non Polarized	3.3 μ F
C3	0.22 μ F	Film	224
C4	100 μ F	Tantalum or Aluminum Electrolytic	100 μ F
C5	10pF	Ceramic	10
C6	None		
C7	0.047 μ F	Film	473

Potentiometers:



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Part ID	Value	Type
R6 - Volume Control	100k	Log (Audio) Taper
R7 – Input Gain Control	500k	Linear Taper or Trimmer
R10 Tone Control	100k	Linear Taper

Other:

Part ID	Part Name
Q1	2N5457 (or J201) JFET Transistor
Q2	2N5457 (or J201) JFET Transistor
D1	1N4005
D2	Status Indicator LED and holder
J1	Stereo quarter-inch jack
J2	Mono quarter-inch jack
J3	DC Jack
B1	9 volt battery
Sw1	Heavy Duty 3PDT foot switch
	9v battery snap, Printed Circuit Board, 24 gauge stranded wire, Enclosure, Knobs