



JFET Discrete Buffer Bill of Materials

Version 2013March

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Resistors:

Resistor ID	Value	3-band Marking	4-band Marking
R1	2M2 (2.2 M)	 red-red-green	 red-red-black-yellow
R2	2M2 (2.2 M)	 red-red-green	 red-red-black-yellow
R3	0 ohm or jumper wire	 black	 black
R4	10k	 brown-black-orange	 brown-black-black-red
R6	10M	 brown-black-blue	
R7	1k	 brown-black-red	 brown-black-black-brown

Capacitors:

Capacitor ID	Value	Type	Possible Marking
C1	0.1 μ F	Film	104
C4	100 μ F	Aluminum Electrolytic, or Tantalum	100 μ F
C7	1 μ F	Film or Aluminum Electrolytic, or Tantalum	105 or 1 μ F

Other:

Part ID	Part Name
Q1	2N5089 or similar NPN transistor
D1	1N914 (or similar Silicon diode)
D2	LED (status indicator)
J1	Stereo quarter-inch jack
J2	Mono quarter-inch jack
J3	DC Jack
B1	9 volt battery
Sw1	Heavy Duty 3PDT foot switch



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	Printed Circuit Board, 9v battery snap, 24 gauge stranded wire, Enclosure
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