



Dual IC Buffer (2 Input/2 Output) Bill of Materials

Version 2014October22

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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	1k	 brown-black-red	 brown-black-black-brown
R4	2M2 (2.2 M)	 red-red-green	 red-red-black-yellow
R5	1k	 brown-black-red	 brown-black-black-brown
R6	2M2 (2.2 M)	 red-red-green	 red-red-black-yellow
R7	2M2 (2.2 M)	 red-red-green	 red-red-black-yellow
R8	2M2 (2.2 M)	 red-red-green	 red-red-black-yellow

Capacitors:

Capacitor ID	Value	Type	Possible Marking
C1	0.1 μ F	Film	104
C2	10 μ F	Aluminum Electrolytic, or Tantalum	10 μ F
C3	10 μ F	Aluminum Electrolytic, or Tantalum	10 μ F
C4	47 μ F	Aluminum Electrolytic, or Tantalum	10 μ F
C5	0.1 μ F	Film	104

Other:

Part ID	Part Name
IC1	TL072 (or similar opamp)
D1	LED (status indicator A)



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D2	LED (status indicator B)
J1	Stereo quarter-inch jack
J2	Mono quarter-inch jack
J3	Mono quarter-inch jack
J4	DC Jack
J5	Mono quarter-inch jack
B1	9 volt battery
Sw1	Heavy Duty 3PDT foot switch
	Printed Circuit Board, 9v battery snap, 24 gauge stranded wire, Enclosure, Knob