















BSIAB2 (Brown Sound In A Box version 2) Bill of Materials

Version 2006September14

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Resistors:

Resistor ID	Value	3-band Marking	4-band Marking
R1	1M	 brown-black-green	 brown-black-black-yellow
R2	390 ohm	 orange-white-brown	 orange-white-black-black
R3	680 ohm	 blue-gray-brown	 blue-gray-black-black
R4	1M	 brown-black-green	 brown-black-black-yellow
R5	1M	 brown-black-green	 brown-black-black-yellow
R6	470k	 yellow-violet-yellow	 yellow-violet-black-orange
R7	47k	 yellow-violet-orange	 yellow-violet-black-red
R8	82k	 gray-red-orange	 gray-red-black-red
R9	none		
R10	120 ohm	 brown-red-brown	 brown-red-black-black
R11	1M	 brown-black-green	 brown-black-black-yellow
R12	1M	 brown-black-green	 brown-black-black-yellow
R13	1k	 brown-black-red	 brown-black-black-brown
R14	82k	 gray-red-orange	 gray-red-black-red
R15	5k6 (5.6k)	 green-blue-red	 green-blue-black-brown
R17	10k	 brown-black-orange	 brown-black-black-red





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R18	10k		
		brown-black-orange	brown-black-black-red

Capacitors:

Capacitor ID	Value	Type	Possible Marking
C1	250pF	Ceramic	251
C2	0.068uF	Film	683
C3a	1uF	Film	105
C3b	0.22uF	Film	224
C4	0.022uF	Film	223
C5	470pF	Silver Mica (or Polystyrene)	471 or 470
C6	150pF	Ceramic	151 or 150
C7	0.1uF	Film	104
C8	0.1uF	Film	104
C9	1uF	Film	105
C10	0.022uF	Film	223
C11	100uF	Aluminum Electrolytic	100uF
C12	0.022uF	Film	223
C13	0.0022uF	Film	222
C14	0.0022uF	Film	222

Potentiometers

Part Id	Value
R19 (Drive)	500k log
R20 (Tone)	100k linear
R21 (Volume)	100k log
R16	100k Trimmer

Other:

Part ID	Part Name
D1	1N914
Q1	2N5457
Q2	2N5457



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Q3	J201
Q4	J201
Q5	2N5457
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 footswitch (bypass)
	9v battery snap, Printed Circuit Board, 24 gauge stranded wire, knobs enclosure