



GEB (Brian May™ Treble Booster Replica)

Bill of Materials

Version 2009September06

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Resistors:

Resistor ID	Value	3-band Marking	4-band Marking
R1	100k	 brown-black-yellow	 brown-black-black-orange
R2	22k	 red-red-orange	 red-red-black-red
R3	(Potentiometer)		
R4	2k4 (2.4k)	 red-yellow-red	 red-yellow-black-brown
R5	1k	 brown-black-red	 brown-black-black-brown
R6	1k	 brown-black-red	 brown-black-black-brown
R7	Blank		
R8	120k	 brown-red-yellow	 brown-red-black-orange
R9	0 ohm or jumper wire	 black	 black
R10	100 ohm	 brown-black-brown	 brown-black-black-black

Capacitors:

Capacitor ID	Value	Type	Possible Marking
C1	0.0068 μ F	Film or ceramic	682
C2	0.047 μ F	Film or ceramic	473
C3	47 μ F	Aluminum Electrolytic	47 μ F
C4	47 μ F	Aluminum Electrolytic	47 μ F

Potentiometers:

Part ID	Value	Type
R3 - Gain Control	10k	Log (Audio) Taper



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Other:

Part ID	Part Name
D1	1N914 (Optional)
D2	LED
Q1	BC182L or other low gain NPN transistor
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