



# (Fryer/May) Treble Booster Deluxe Replica (Volume Control Added) Bill of Materials

Version 2021JAugust31

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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
R3a	6k8 (6.8k)	 blue-gray-red	 blue-gray-black-brown
R3b	0 ohm or jumper wire	 black	 black
R4	2k2 (2.2k)	 red-red-red	 red-red-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	Blank		
R12	180k (off board)	 brown-gray-yellow	 brown-gray-black-orange
R13	560 ohm (In the space for C5 on the PCB)	 green-blue-brown	 green-blue-black-black
R14 (Volume Control)	100k Linear Potentiometer		



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### **Capacitors:**

Capacitor ID	Value	Type	Possible Marking
C1	0.0068 $\mu$ F	Film or ceramic	682 or 6n8
C2	0.047 $\mu$ F	Film or ceramic	473
C3	100 $\mu$ F	Aluminum Electrolytic	100 $\mu$ F
C4	47 $\mu$ F	Aluminum Electrolytic	47 $\mu$ F
C5	None - R13 is in this space on the PCB		
C6	0.001 $\mu$ F	Film or ceramic	102 or 1n0
C7	0.0047 $\mu$ F (off board)	Film or ceramic	472
C8	5pF	Ceramic	5

### **Potentiometers:**

Part ID	Value	Type
R14 - Volume Control	100k	Linear Taper

### **Other:**

Part ID	Part Name
D1	1N914 (Optional)
D2	LED
Q1	BC239 or other similar 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