































FZ1S (Maestro™ Super Fuzz FZ-S1 Replica) Bill of Materials

Version 2014October14

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Resistors:

Resistor ID	Value	3-band Marking	4-band Marking
R1	Dual 50k Linear Potentiometer (Balance)		
R2	100k Log Potentiometer (Volume)		
R3	100k Linear (Sustain)		
R4	47k	 yellow-violet-orange	 yellow-violet-black-red
R5	100k	 brown-black-yellow	 brown-black-black-orange
R6	15k	 brown-green-orange	 brown-green-black-red
R7	33k	 orange-orange-orange	 orange-orange-black-red
R8	33k	 orange-orange-orange	 orange-orange-black-red
R9	470k	 yellow-violet-yellow	 yellow-violet-black-orange
R10	1M	 brown-black-green	 brown-black-black-yellow
R11	1k5 (1.5k)	 brown-green-red	 brown-green-black-brown
R12	10k	 brown-black-orange	 brown-black-black-red
R13	680 ohm	 blue-gray-brown	 blue-gray-black-black
R14	1M5 (1.5M)	 brown-green-green	 brown-green-black-yellow
R15	150k	 brown-green-yellow	 brown-green-black-orange
R16	470 ohm	 yellow-violet-brown	 yellow-violet-black-black
R17	47k	 yellow-violet-orange	 yellow-violet-black-red



















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R18	1M	 brown-black-green	 brown-black-black-yellow
R19	100k	 brown-black-yellow	 brown-black-black-orange
R20	68k	 blue-gray-orange	 blue-gray-black-red
R21	220k	 red-red-yellow	 red-red-black-orange
R22	220k	 red-red-yellow	 red-red-black-orange
R23	470k	 yellow-violet-yellow	 yellow-violet-black-orange
R24	100k	 brown-black-yellow	 brown-black-black-orange
R25	1k	 brown-black-red	 brown-black-black-brown

Capacitors:

Capacitor ID	Value	Type	Possible Marking
C1	0.1 μ F	Film or Ceramic	104
C2	0.047 μ F	Film or Ceramic	473
C3	0.22 μ F	Film or Ceramic	224
C4	0.047 μ F	Film or Ceramic	473
C5	1 μ F	Aluminum Electrolytic	1 μ F
C6	0.01 μ F	Film or Ceramic	103
C7	0.022 μ F	Film or Ceramic	223
C8	0.022 μ F	Film or Ceramic	223
C9	0.0056 μ F (5600pF)	Film or Ceramic	562
C10	680pF	Film or Ceramic	681
C11	680pF	Film or Ceramic	681
C12	47 μ F	Aluminum Electrolytic	47 μ F



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Potentiometers:

Part ID	Value	Type
R1 - Balance Control	50k	Dual-Gang Linear Taper
R2 - Volume Control	100k	Log Taper
R3 – Sustain Control	100k	Linear Taper

Other:

Part ID	Part Name
Q1	2N5089 or 2N5088
Q2	2N5089 or 2N5088
Q3	2N5089 or 2N5088
Q4	2N5089 or 2N5088
Q5	2N5133 or 2N5089
Q6	2N5133 or 2N5089
D1	LED
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
SW2	Toggle Switch SPDT on-on
	9v battery snap, Printed Circuit Board, 24 gauge stranded wire, Enclosure, Knobs