



FF5 Project (Fuzz Face™ Replica) Boutique Early 70's Version Bill of Materials













Version 2013 April 19

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Resistors:

Resistor ID	Value	3-band Marking	4-band Marking
R1 (optional)	1M5 (1.5M)	 brown-green-green	 brown-green-black-yellow
R2	33k	 orange-orange-orange	 orange-orange-black-red
R3	100k	 brown-black-yellow	 brown-black-black-orange
R4	220 ohm	 red-red-brown	 red-red-black-black
R5	1k	 brown-black-red	 brown-black-black-brown
R5T	5k Trimmer Potentiometer		
R6 (Fuzz)	1k Linear Potentiometer		
R7	None		
R8 (Mids)	1k Linear Potentiometer		
R9	1k	 brown-black-red	 brown-black-black-brown
R10 (Volume)	250k Audio Potentiometer		
R11	1k	 brown-black-red	 brown-black-black-brown
R12	None		

Capacitors:

Capacitor ID	Value	Type	Possible Marking
C1	2.2 μ F	Aluminum Electrolytic	2.2 μ F
C2	22 μ F	Aluminum Electrolytic	22 μ F
C3	0.1 μ F	Film	104
C4 (optional)	100pF or 10pF	Ceramic	101 or 10pF
C5	10pF	Ceramic	10pF
C6 (optional)	100 μ F	Aluminum Electrolytic	100 μ F



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C7	None	
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Potentiometers:

Part ID	Value	Type
R6 - Fuzz Control	1k	Linear Taper
R10 - Volume Control	250k	Log (or Audio) Taper

Other:

Part ID	Part Name
D1	1N914
D2	1N34A
D3	1N914 (optional)
D4	LED
Q1	Low Gain NPN Transistor (See Instructions)
Q2	Low Gain NPN Transistor (See Instructions)
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

Examples of low-gain NPN bipolar junction transistors:

- 2N3904
- 2N2222 Can
- BC108A
- BC109A
- many others