



FTM (fOXX™ Tone Machine™ Replica) Bill of Materials

Version 2012May21

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Resistors:

Resistor ID	Value	3-band Marking	4-band Marking
R1	1M5 (1.5M)	 brown-green-green	 brown-green-black-yellow
R2	47k	 yellow-violet-orange	 yellow-violet-black-red
R3	1k	 brown-black-red	 brown-black-black-brown
R4	47k	 yellow-violet-orange	 yellow-violet-black-red
R5	100k	 brown-black-yellow	 brown-black-black-orange
R6	100k	 brown-black-yellow	 brown-black-black-orange
R7	4k7 (4.7k)	 yellow-violet-red	 yellow-violet-black-brown
R8	4k7 (4.7k)	 yellow-violet-red	 yellow-violet-black-brown
R9	100k	 brown-black-yellow	 brown-black-black-orange
R10	100k	 brown-black-yellow	 brown-black-black-orange
R11 (Sustain Control)	50k Linear Potentiometer		
R12	220 ohm	 red-red-brown	 red-red-black-black
R13	100k	 brown-black-yellow	 brown-black-black-orange
R14	150k	 brown-green-yellow	 brown-green-black-orange
R15	15k	 brown-green-orange	 brown-green-black-red
R16	10k	 brown-black-orange	 brown-black-black-red







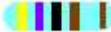









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R17	1k	 brown-black-red	 brown-black-black-brown
R18	22k	 red-red-orange	 red-red-black-red
R19	4k7 (4.7k)	 yellow-violet-red	 yellow-violet-black-brown
R20 (Tone Control)	50k Linear Potentiometer		
R21	470k	 yellow-violet-yellow	 yellow-violet-black-orange
R22	47k	 yellow-violet-orange	 yellow-violet-black-red
R23	10k	 brown-black-orange	 brown-black-black-red
R24	1k5 (1.5k)	 brown-green-red	 brown-green-black-brown
R25 (Volume Control)	50k Linear Potentiometer		
R26	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	0.001 μ F	Film or Ceramic	102
C3	0.1 μ F	Film or Ceramic	104
C4	10 μ F	Aluminum Electrolytic	10 μ F
C5	10 μ F	Aluminum Electrolytic	10 μ F
C6	10 μ F	Aluminum Electrolytic	10 μ F
C7	10 μ F	Aluminum Electrolytic	10 μ F
C8	10 μ F	Aluminum Electrolytic	10 μ F
C9	10 μ F	Aluminum Electrolytic	10 μ F
C10	0.0033 μ F	Film or Ceramic	332



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C11	0.047µF	Film or Ceramic	473
C12	10µF	Aluminum Electrolytic	10µF
C13	10µF	Aluminum Electrolytic	10µF

Potentiometers:

Part ID	Value	Type
R11 - Sustain Control	50k	Linear Taper
R20 - Tone Control	50k	Linear Taper
R25 - Volume	50k	Linear Taper

Other:

Part ID	Part Name
Q1, Q2, Q3, Q4	2N3904 or other NPN Bipolar Transistors
D1, D2, D3, D4	1N34A Germanium Diodes
D5	LED
Sw2	On-off Mini Toggle Switch
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