

Deluge Bass Distortion (Based on the BMP PCB)

Design by J. Michael

Bill of Materials

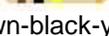
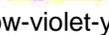
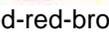
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Resistors:

Resistor ID	Value	3-band Marking	4-band Marking
R1	39k	 orange-white-orange	 orange-white-black-red
R2	100k	 brown-black-yellow	 brown-black-black-orange
R3	470k	 yellow-violet-yellow	 yellow-violet-black-orange
R4	1k	 brown-black-red	 brown-black-black-brown
R5	10k	 brown-black-orange	 brown-black-black-red
R7	1k	 brown-black-red	 brown-black-black-brown
R8	10k	 brown-black-orange	 brown-black-black-red
R9	100k	 brown-black-yellow	 brown-black-black-orange
R10	470k	 yellow-violet-yellow	 yellow-violet-black-orange
R11	12k	 brown-red-orange	 brown-red-black-red
R12	220 ohm	 red-red-brown	 red-red-black-black
R13	10k	 brown-black-orange	 brown-black-black-red
R14	100k	 brown-black-yellow	 brown-black-black-orange
R15	470k	 yellow-violet-yellow	 yellow-violet-black-orange
R16	220 ohm	 red-red-brown	 red-red-black-black

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R17	10k	 brown-black-orange	 brown-black-black-red
R18	39k	 orange-white-orange	 orange-white-black-red
R19	15k	 brown-green-orange	 brown-green-black-red
R21	100k	 brown-black-yellow	 brown-black-black-orange
R22	470k	 yellow-violet-yellow	 yellow-violet-black-orange
R23	2k	 red-black-red	 red-black-black-brown
R24	10k	 brown-black-orange	 brown-black-black-red
R26	1M5 (1.5M)	 brown-green-green	 brown-green-black-yellow
R27	1k	 brown-black-red	 brown-black-black-brown

Capacitors:

Capacitor ID	Value	Type	Possible Marking
C1	0.1 μ F	Film	104
C2	470pF	Ceramic or Film	471
C3	0.1 μ F	Film	104
C4	0.1 μ F	Film	104
C5	470pF	Ceramic or Film	471
C6	0.047 μ F	Film	473
C7	0.1 μ F	Film	104
C8	470pF	Ceramic or Film	471
C9	0.047 μ F	Film	473
C10	0.0047 μ F	Film	472



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C11	0.01 μ F	Film	103
C12	0.1 μ F	Film	104
C13	0.1 μ F	Film	104
C14	100 μ F	Aluminum Electrolytic	100 μ F
C15	100pF	Ceramic or Film	101 (or100pF)

Potentiometers:

Part ID	Value	Type
R6 - Sustain Control	100k	Log (or Audio) Taper
R20 - Tone Control	100k	Linear Taper
R25 - Volume Control	100k	Log (or Audio) Taper

Other:

Part ID	Part Name
D1	2N5457
D2	2N5457
D3	1N4001
D4	1N4001
D5	LED
Q1	2N5089
Q2	2N5089
Q3	2N5089
Q4	2N5089
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