

1978 Op-amp Big Muff

Components

C1	150nF	R1	2M2	SUSTAIN	10K LINEAR
C2	100uF (Electrolytic)	R2	47R	TONE	10K LINEAR
C3	100nF	R3	56K	VOLUME	100K LINEAR
C4	10uF (Electrolytic)	R4	330K		
C5	4.7nF	R5	220K	D1	1N4001
C6	10nF	R6	220K	D2-7	1N914 or 1N4148
C7	220nF	R7	10K		
C8	10uF (Electrolytic)	R8	820K		
C9	4.7uF (Electrolytic)	R9	47K		
C10	150pF (Ceramic)	R10	1M		
C11	1uF (Film)	R11	62K		
C12	100nF	R12	560K		
C13	120nF	R13	47R		
		R14	8K2		
IC1	4558 Dual op-amp	R15	470K		
IC2	LM741	R16	5K6		
		R17	1K2		
		R18	100K		

Board Connections

The PCB connections are labelled as the following:

I - Input, O - Output, V - 9V DC in, G - Ground

Potentiometers are connected from pin 1 to the square pad on the PCB. This board was designed so you can use right-angle board mount potentiometers on it if desired, otherwise you will need to solder wires from the pads to the correct pin/lug. Jack sleeves and DC centre pin should be connected to ground. V, LED + should be connected to the positive pin of the DC connector.

