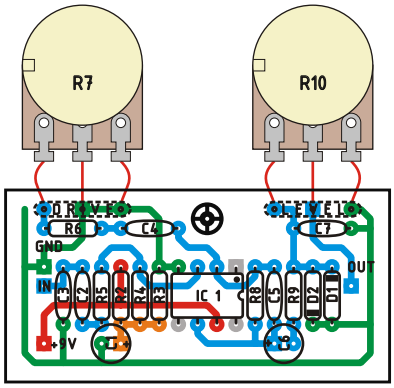
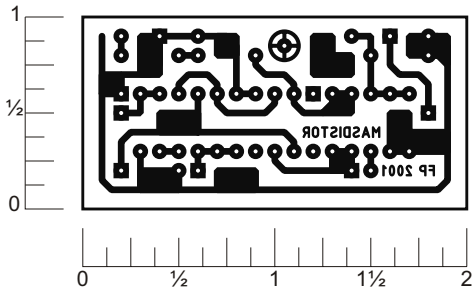
MAS DISTORTION

Rev.4.Dec.8.2005

You can build either the MXR Distortion+ or the DOD Overdrive 250 in this board. Try different kinds of diodes for clipping. These circuits are very similar, so much that they can be constructed around the same printed circuit board. Use the parts list to substitute with the values for the circuit you choose to build. Off board components except for the potentiometers are not shown on the layout. Registered trademarks are property of their owners.



LAYOUT



READY TO TRANSFER

MXR PARTS LIST

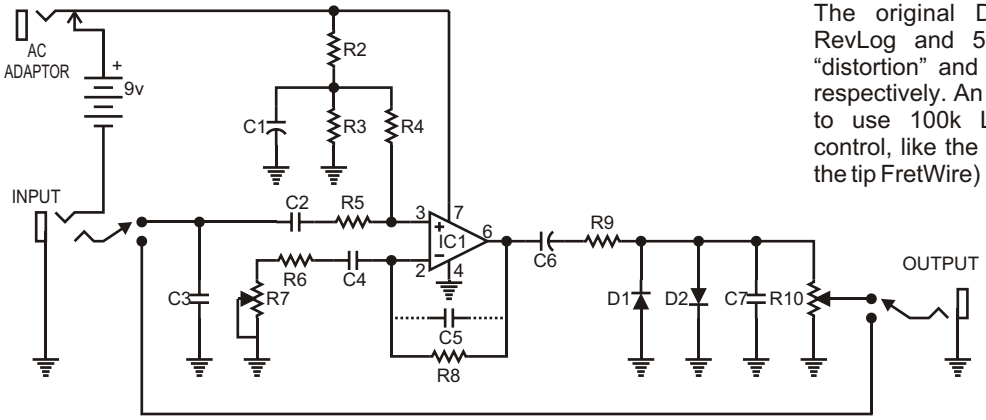
Resistors	Capacitors
R1 -	C1 - 1µF
R2 - 1M	C2 - 0.01µF
R3 - 1M	C3 - 0.001µF
R4 - 1M	C4 - 0.047µF
R5 - 10k	C5 - 10pF
R6 - 4k7 (4.7k)	C6 - 1µF
R7 - 500k Rev-log. pot.	C7 - 0.001µF
R8 - 1M	**ICs**
R9 - 10k	IC1 - 741
R10 - 50k log. pot.	

DOD PARTS LIST

Resistors	Capacitors
R1 -	C1 - 10 µF
R2 - 20k	C2 - 0.01 µF
R3 - 20k	C3 -
R4 - 1M	C4 - 0.05 µF
R5 - 10k	C5 -
R6 - 47k	C6 - 10 µF
R7 - 500k Rev. Log. pot.	C7 - 0.001 µF
R8 - 1M	**ICs**
R9 - 10k	IC1 - 741
R10 - 100k log. pot	

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Schematic



NOTES:
The original Dist+ used 500k RevLog and 50k Log pots for “distortion” and “volume” controls respectively. An advisable mod is to use 100k Log for “volume” control, like the DOD. (Thanks for the tip FretWire)