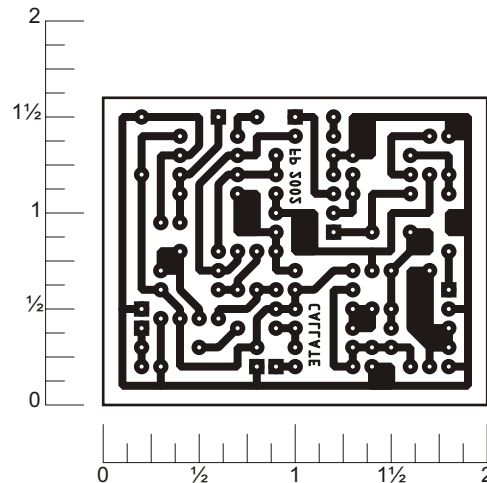
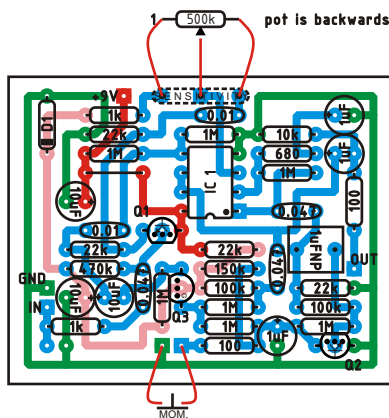


Build the MXR Noise Gate, this circuit will mute the output when the input is below the threshold level set by the potentiometer, removing noise while not playing. The part labeled "MOM" is a normally open momentary switch, when conducting it momentarily defeats the noise gate (opens the gate no matter what the input is) which works like bypassing it, if this function is not required or when using true bypass the switch and associated 100ohm resistor can be left out. Off board components except for the potentiometers are not shown on the layout. Trademarks are property of their owners.



Parts List

Resistors

7 - 1M
1 - 470k
1 - 150k
2 - 100k
4 - 22k
1 - 10k
2 - 1k
1 - 680
2 - 100

Capacitors

3 - 10 μ F
3 - 1 μ F
1 - 1 μ F / NP
3 - 0.047 μ F
2 - 0.01 μ F

Transistors & ICs

2 - 2N3904
1 - 2N5952 (other FETs will work)
IC1 - 4558

Pots

1 - 500k Log.

Diodes

1 - 5.1v Zener

Schematic

