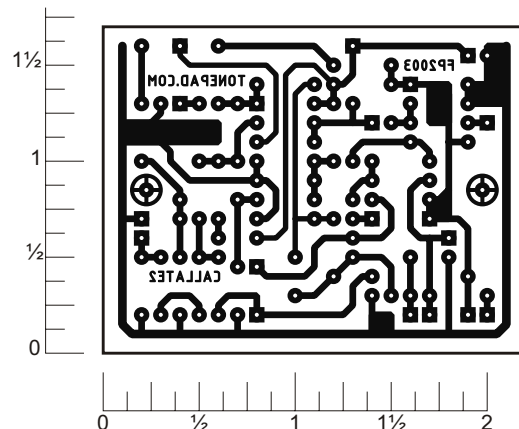


Rev.2.Jul.24.2006



Resistors

- ## ^tCapacitors

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

2 - 2N3904 (2N5088 will also work)
1 - 2N5485 (2N5952 rotate 180deg)
IC1 - 4558 (TL072 will also work)

Pots

- 1 - 500k Log.

Diodes

- 1 - 5.1v Zener

Mods require replacing jumpers with pots.

Use a 5k or 10k linear pot. (larger resistance=longer attack time)

Use a 250k or 500k linear pot. (larger resistance=longer release time) Lower Ra's value to allow faster than stock release.

Use a 50k or 100k linear pot. (larger resistance=less attenuation)

The schematic diagram illustrates a circuit for attack, release, and attenuation controls. The power supply section includes an AC adaptor and a 9V battery. The input stage features a switch and a 1k resistor. The circuit is divided into three main control sections: ATTENUATION, ATTACK, and RELEASE. The ATTENUATION section uses a 500k potentiometer and a 1M resistor. The ATTACK section uses a 150k potentiometer and a 1M resistor. The RELEASE section uses a 150k potentiometer and a 1M resistor. The output stage includes a 1uF capacitor and a 100k resistor. The circuit is powered by a 9V battery and a +9V supply.

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