



SHIVER

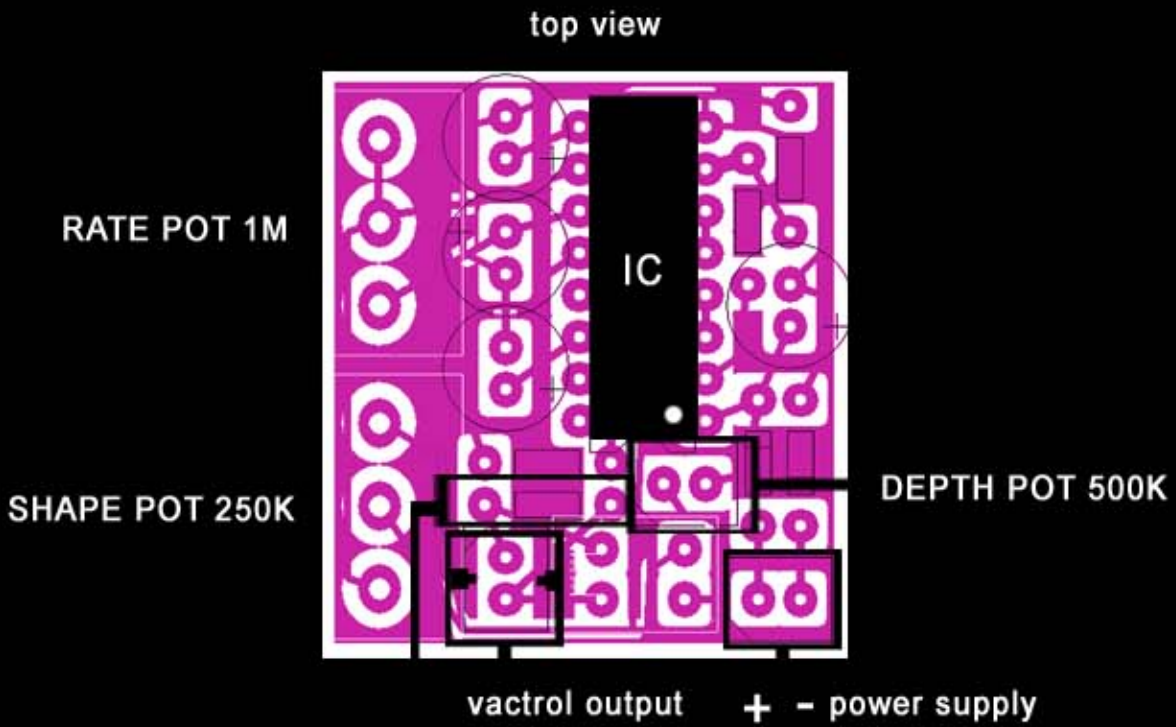
the shiver is a slightly simpler version of the quiver with a slightly different range. it is another self modulating potentiometer replacement, but it has a variable shape between triangle and sine.

the rate and shape pot can either be panel mounted or you can just wire them up with the hookup wire provided. the pin choices are just suggestions.

the depth pot is simply wired to the center pin and one of the outside pins of the pot. choosing pin 1 or 3 will change the direction of the control.

you simply solder a wire into each of the two vactrol output points and then solder the other ends to the two resistor points you want to modulate.

the limiting resistor is an option that will allow you to limit the range of the sweep. for example if you don't want the range to exceed 10k while modulating then you can solder a 10k resistor there and it will not surpass that value or you can make it adjustable by adding another pot.

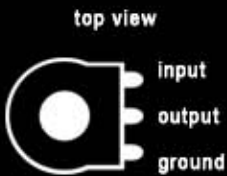


power supply range from 3 volts DC to 15 volts DC

resistance sweep averages 0k to 50k / 60k over a 0k to 200k / 300k range

length and width dimensions 1-3/8" x 1-1/4" or 35mm x 32mm

height dimensions - without pots 7/16" or 15mm / with pots 15/16" or 24mm



pot wiring for passive volume control - any value will work but 100k works best for me in most cases - experiment

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<http://thesquarewaveparade.com/shiver.html>

