QUIVER

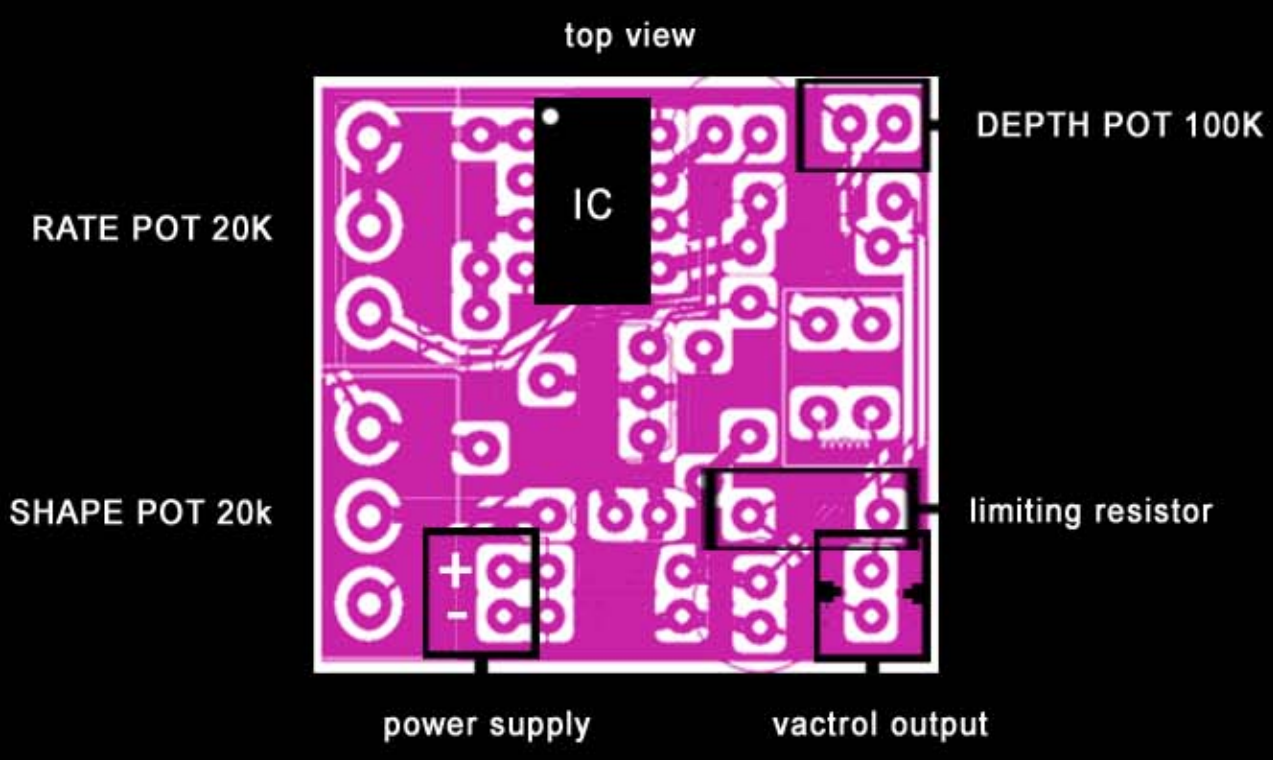
the quiver is a self modulating potentiometer replacement. the variable shapes between tri and square are feeding the LED side of a vactrol and the variable resistor side of the vactrol is available to you via two holes on the board. you can attach these points to any place you would normally insert a pot or resistor and turn the quiver on and it will modulate the resistance.

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 two wires to the two vactrol output points and then solder the other ends of those wires 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 100k while modulating then you can solder a 100k resistor there and it will not surpass that value or you can make it adjustable by adding another pot.

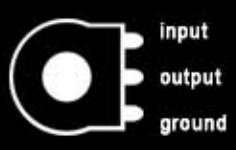


power supply range from 3 volts DC to 15 volts DC

resistance sweep averages 0k to 300k / 400k over a 0k to 700k / 800k range

length and width dimensions - 1-7/16" x 1-3/8" or 37mm x 35mm

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

http://thesquarewaveparade.com/quiver.html