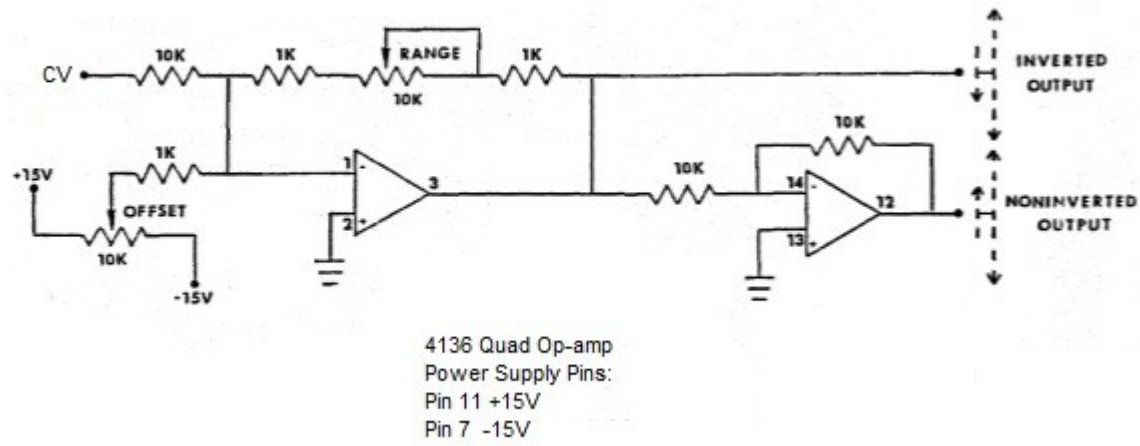


## CV Modifier



Updated CV Modifier schematic. Two 1K resistors are added and this results in increased or decreased CV range vs. the previous decreased or equal amounts.

It wouldn't be too difficult to build this circuit on a DIP IC Experimenter's Board as shown in the examples below:

Radio Shack

<http://comingsoon.radioshack.com/multipurpose-pc-board-with-417-holes/2760150.html#.VZwWo0YoKUK>

Jameco

[http://www.jameco.com/webapp/wcs/stores/servlet/Product\\_10001\\_10001\\_645677\\_-1](http://www.jameco.com/webapp/wcs/stores/servlet/Product_10001_10001_645677_-1)

The 4136 Quad Op-Amp shown in the schematic above has the pin-out shown to the right.

A Dual Op-Amp or some other Quad Op-Amp may be substituted with appropriate changes according to the power supply and op-amp input and output connections per the substituted device's pin-out.

The circuit could be built as a module using an FRB-1 in an FR-7 (or in an FR-7's end-piece) with the Offset and Range controls panel mounted and connectors wired as input and output(s).

