

# Bomono 'CV Twister / Wave Warper'

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CV Twister / Wave Warper - This is a circuit adapted from the Sandin Image Processor. The original circuit was used to give "solarized" effects to video signals. With some redesign it also makes a nice low parts count control voltage twister / wave warper circuit for audio. The bandwidth is limited by the op-amp type, and should extend above 20 KHz with this design. The sections could also be 3/4 of a quad op-amp. The 5.1K resistors and 10K pots could also be 47K or 51K and the pots 100K. The higher current of the 10K makes the breakpoints a little sharper, but it should still work with the higher resistances.

## BOM:

- 1x 10 pin power header
- 2x ferite or 10r/20r
- 2x 100nf ceramic capacitor
- 2x 10uf electrolic capacitor
- 1x TL074
- 6x 1n4148 diode
- 8x 5k1 resistor
- 2x 1k resistor
- 3x 10ka potentiometer
- 1x 100ka potentiometer
- 1x 50ka potentiometer
- 2x thonkiconn

