This is used in conjunction with Barton's original PCB, built with these changes:
• Pots omitted Output capacitors moved to pots pads 2–3
Ribbon cable mounted at capacitors pads
Output stage feedback resistor omitted, 100k* pot wired to its pads · Shrouded power header replaced by open pin header on underside 10 uF rail to ground capacitors omitted
10 R capacitors replaced with OR (or jumpers)
10 mm M3 nylon spacer glued to underside *10Vpp output with 0-10V CV. Use 200k pot with 0-5V CV. MIXIN_+3 R5 MIXIN_+2> 10k Sheet: Panel and power U1D J1 4066 2x7 IDC header GND GND 1 RIPOUT_+3 RIPOUT_+2 5 RIPOUT_+1 MIXIN_+1> 7 RIPOUT_0 MIXIN_0 R6 9 RIPOUT_-3 MIXIN_0 10k 11 RIPOUT_-1 File: panelpower.sch U1B 4066 Î 13 RIPOUT_-2 GND GND CV_+1 MIXIN_-1 MIXIN_-2) U2A 4066 GND GND MIXIN_-3 U2C 4066 Based on Barton 4046 wave shaper, with added CV Analog Output / Rich Holmes Sheet: / File: waveshaper.sch Title: CV Wave Shaper Size: USLetter Date: 2020-07-07 Rev: KiCad E.D.A. kicad 5.1.10-88a1d61d5890ubuntu20.04.1 ld: 1/2

