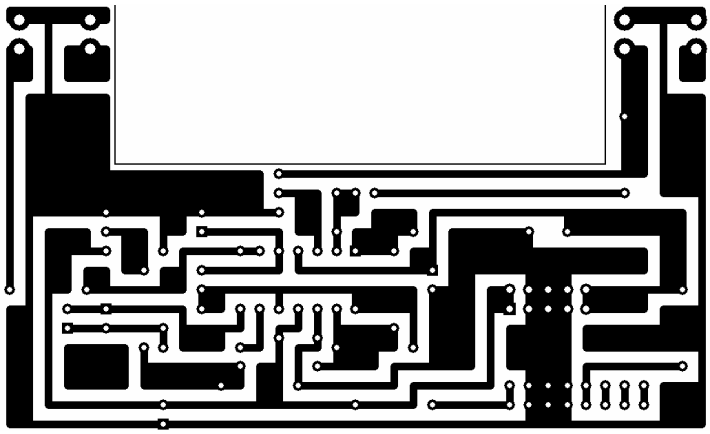
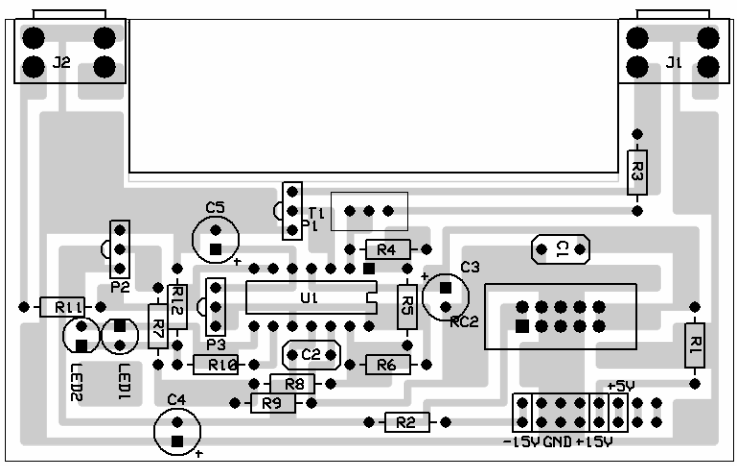
Dual Voltage Processor

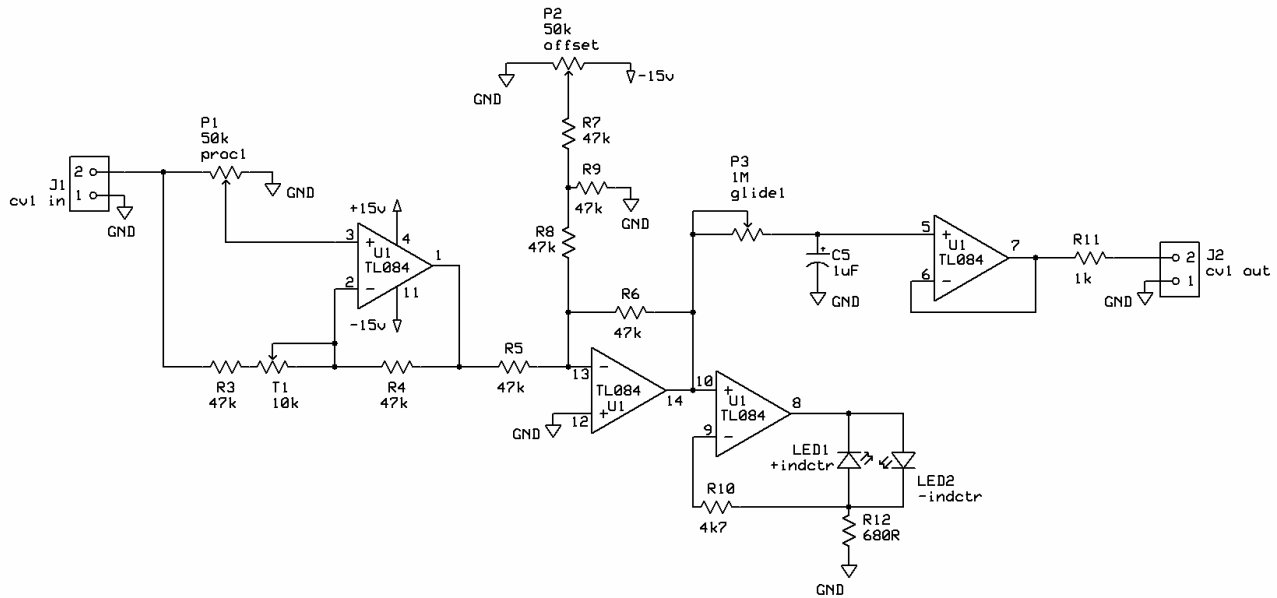
Designed to give Buchlidian type processing for control voltages. Two channels, both with manual +/- processing, offset & glide controls. This circuit was originally based on a Chris MacDonald design modified by Peter Grenader. Besides some minor changes i incorporated a lag pot, a trimmer for calibrating a center taped pot (+/- processing) and there's a resistor missing in the original schematic to bring the LEDs to live. Layout ready for press'n'peel blue…

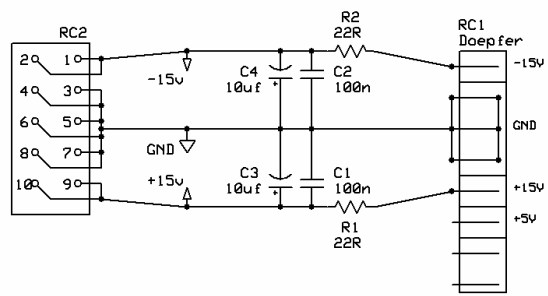
breadboarded/tested





Ceramic	
C1, C2	100n
Electrolytic	
C3, C4	10uf
C5	1uF
Cliff socket CL13841	
J1	cv1 in
J2	cv1 out
Misc.	
LED1	LED
LED2	LED
P1	50k
P2	50k
P3	1M
Resistors	
R1, R2	22R
R3, R4, R5, R6, R7, R8, R9	47k
R10	4k7
R11	1k
R12	680R
RC1	Doepfer
RC2	10pin
T1 trimmer	10k
Semi's	
U1	TL084





BUCHLA voltage processor

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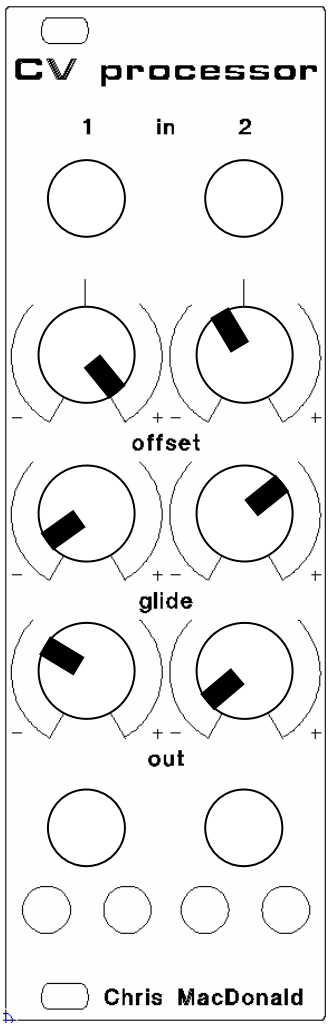
Rev 4.0
8 OCT 2006

front



reverse