# MegaOhmAudio CdS VCF/A User's Guide - pcb v3





Power: +15V, 0V, -15V MOTM / Blacet power header <u>or</u> Synthesizers.com power header (do not use both at same time!)

Power consumption: average +30mA / -37mA

PCB bracket extends 5" behind panel.



\*Current consumption can / will vary depending on module settings and also what modules it is patched to.

Rate your PSU conservatively.

Good practice is to keep the PSU load at or under 60-65% of it's maximum load. Example: 1Amp PSU - once the load gets up to 650mA think about adding an additional power supply to your system.

Much respect and credit due to the original circuit on which this module is based: Buchla Low Pass Gate

- especially the VCA trick and 'semi linear' Vactrol driver

Trimmers

#### VR7 SENSE trimmer Fine tune for overall CV strength.



VR6 RES MIN SET: Trimmer sets the amount of output level cut when the Resonance pot is rotated clockwise.

PCB normalizing cables and headers





#### Hooking two CdS module together

#### CV VCA send (labelled 'TRK' on pcb)



