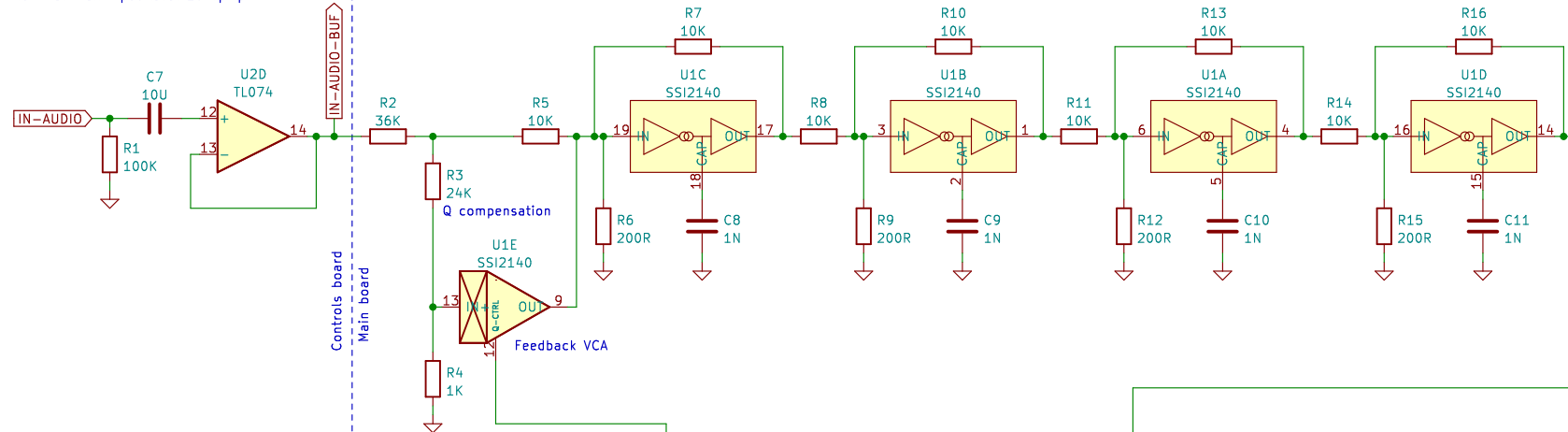


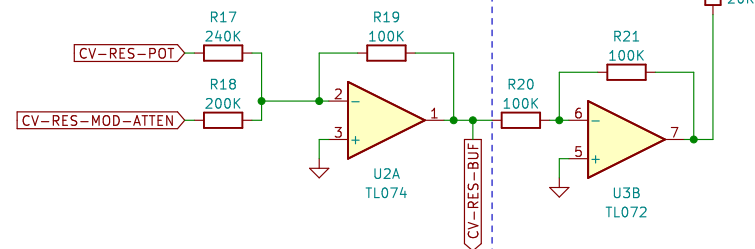
### Audio Input

Nominal max input level 10 Vp-p



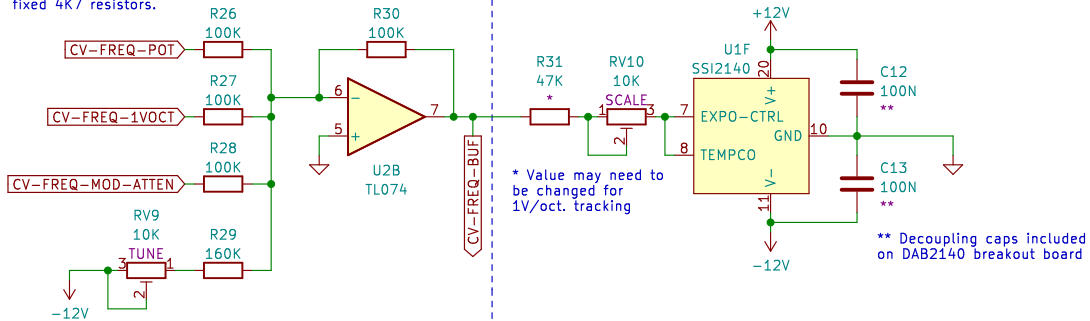
### Resonance CV

This should allow each CV input to provoke self-resonance without ever exceeding 500 uA into Q-CTRL (fingers crossed).

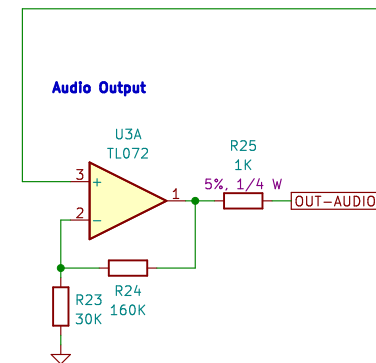


### Cutoff Frequency CV

Can be trimmed so the CV inputs track 1V/octave. If that doesn't matter, RV9 & RV10 may be replaced by fixed 4K7 resistors.



### Audio Output



All fixed resistors are 1% tolerance unless otherwise specified.  
All electrolytic capacitors are rated for 25VDC unless otherwise specified.

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Sheet: /  
File: VCF-4P.kicad\_sch

**Title: Eurorack 4-Pole Filter**

Size: A4 Date: 2022-07-20

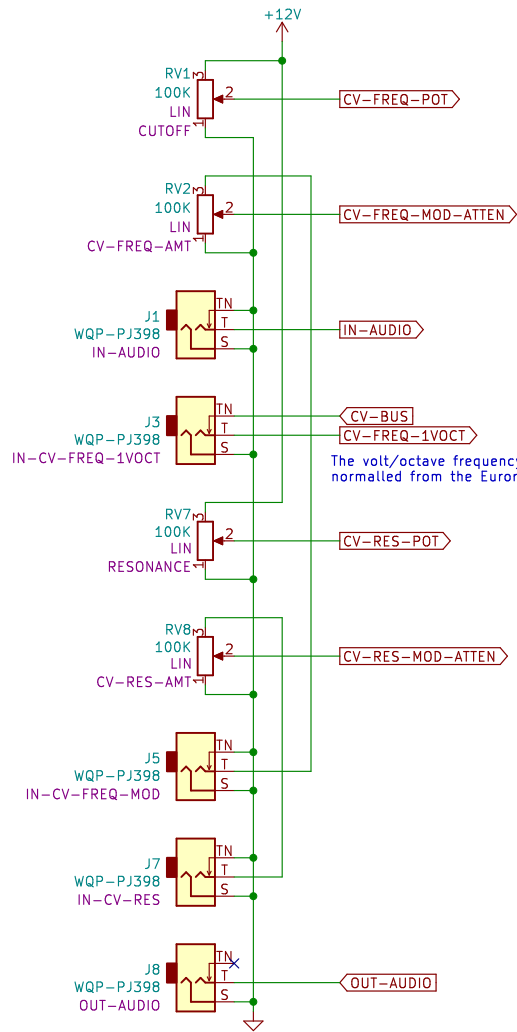
KiCad E.D.A. kicad (6.0.6)

**Rev: 1.0**

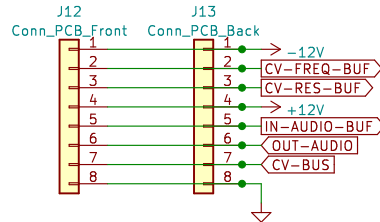
Id: 1/2

### Front Panel Controls

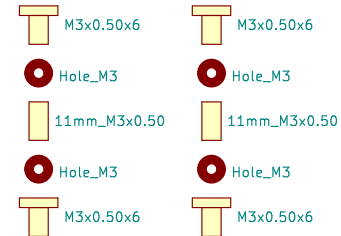
The front panel and the board-to-board connectors are laid out to match the Delphonics Module Construction Set control PCB.



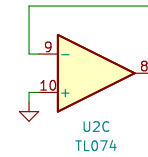
### Board Connectors



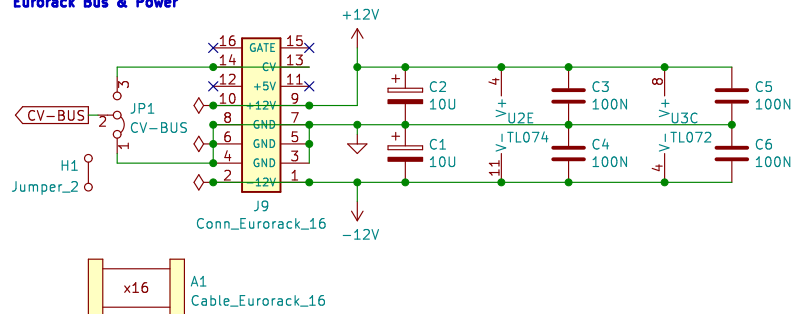
### Hardware



### Leftovers



### Eurorack Bus & Power



All fixed resistors are 1% tolerance unless otherwise specified.  
All electrolytic capacitors are rated for 25VDC unless otherwise specified.

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Sheet: /PanelPower/  
File: PanelPower.kicad\_sch

**Title: Eurorack 4-Pole Filter**

Size: A4  
KiCad E.D.A. kicad (6.0.6)

Rev: 1.0  
Id: 2/2