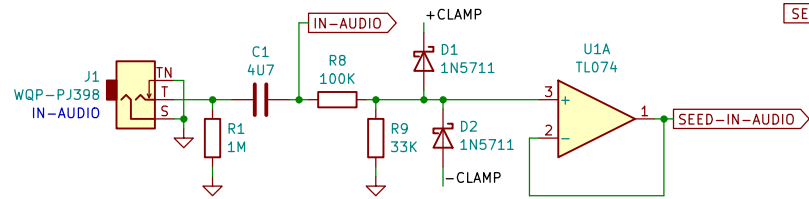
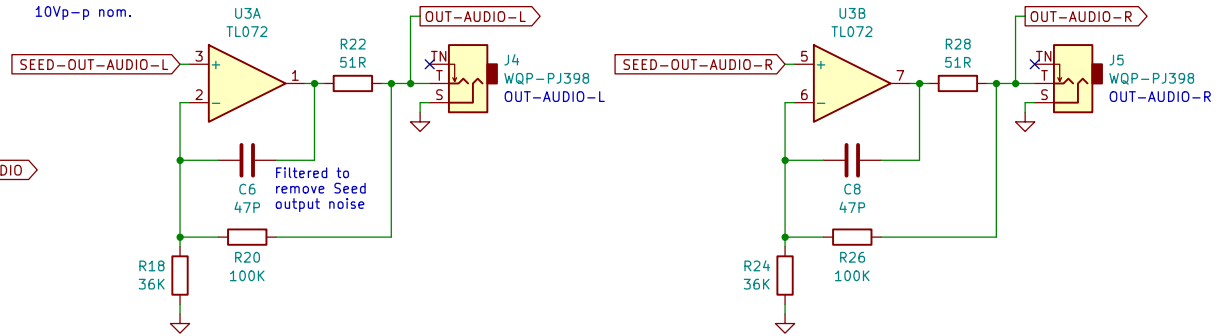


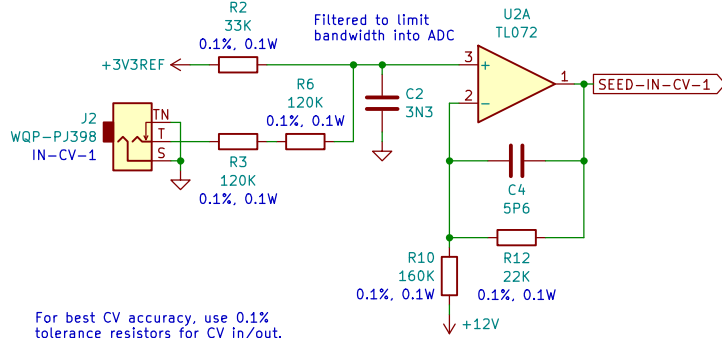
Audio Input
 10Vp-p nom. Clips above -12Vp-p.
 Seed input clamped at +/-1.8V.



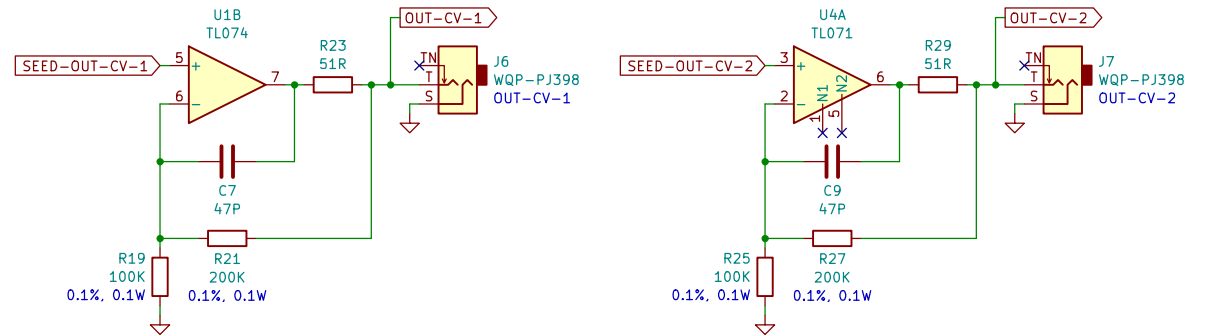
Audio Outputs
 10Vp-p nom.



CV Inputs
 -12V - +12V -> 0V - 3.3V



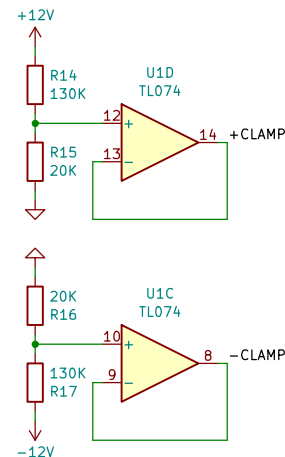
CV Outputs
 0V - 3.3V -> 0V - 10V



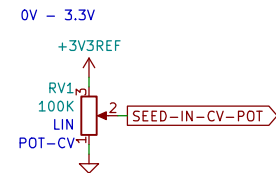
For best CV accuracy, use 0.1% tolerance resistors for CV in/out.

Clamping Voltages

+/- 1.6 V will ensure that audio inputs are clamped to +/- 1.8 V for any input in +/- 10 V.



CV Potentiometer



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

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Eurorack multi-function module - Analog section

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Sheet: /

File: dat-ting.kicad_sch

Title: dat-ting Module - Analog

Size: A4 Date: 2024-10-04

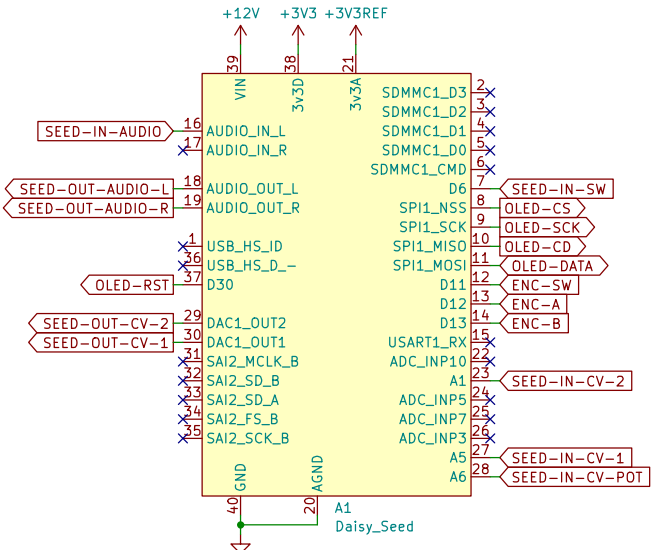
KiCad E.D.A. 8.0.5

Rev: 1.1

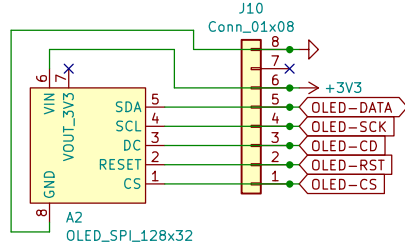
Id: 1/2



Daisy Seed

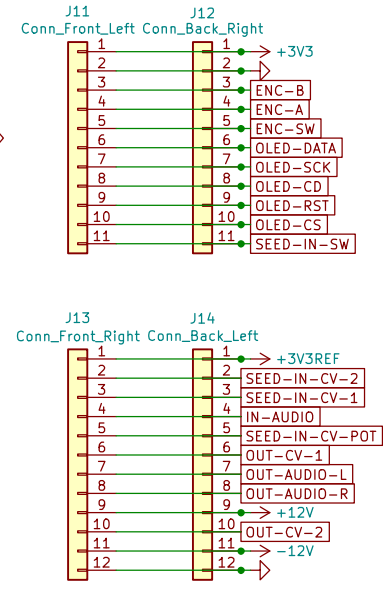


OLED Display (SPI)



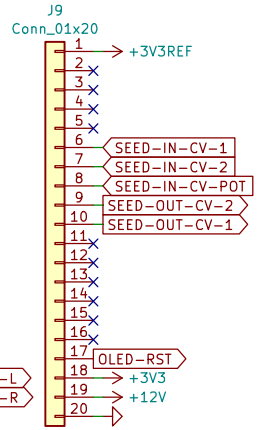
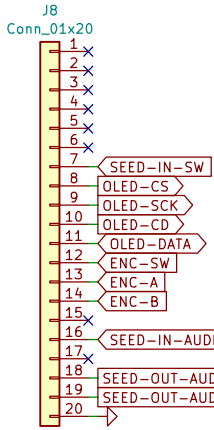
CV inputs should be connected to 5V-tolerant pins, just in case. (Not required for potentiometer input.)

Board Connectors

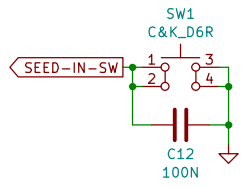


Hardware

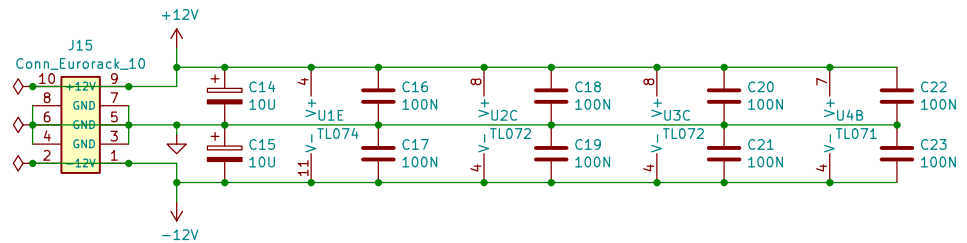
- HW_Screw_M3x0.50x6
- MountingHole_M3
- HW_Standoff_F-F_11mm_M3x0.50
- MountingHole_M3
- HW_Screw_M3x0.50x6
- HW_Screw_M3x0.50x6
- MountingHole_M3
- HW_Standoff_F-F_11mm_M3x0.50
- MountingHole_M3
- HW_Screw_M3x0.50x6
- x10 A3 Cable_Euro rack_10
- A4 Micro USB Adapter 90deg



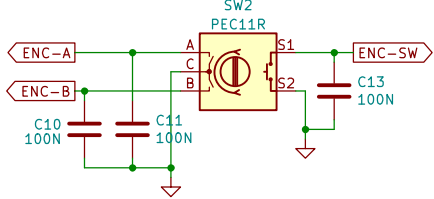
Pushbutton switch



Euro rack Bus & Power



Rotary encoder w/switch



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

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Euro rack multi-function module – Digital & misc.
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 File: dat-ting-2.kicad_sch

Title: dat-ting Module – Digital

Size: A4	Date: 2024-10-04	Rev: 1.1
KiCad E.D.A. 8.0.5		Id: 2/2

