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Eurorack VCO module based on SSI2131, 10 HP
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Sheet: /
File: VCO-2131.kicad_sch

Title: Main – Eurorack SSI2131 VCO

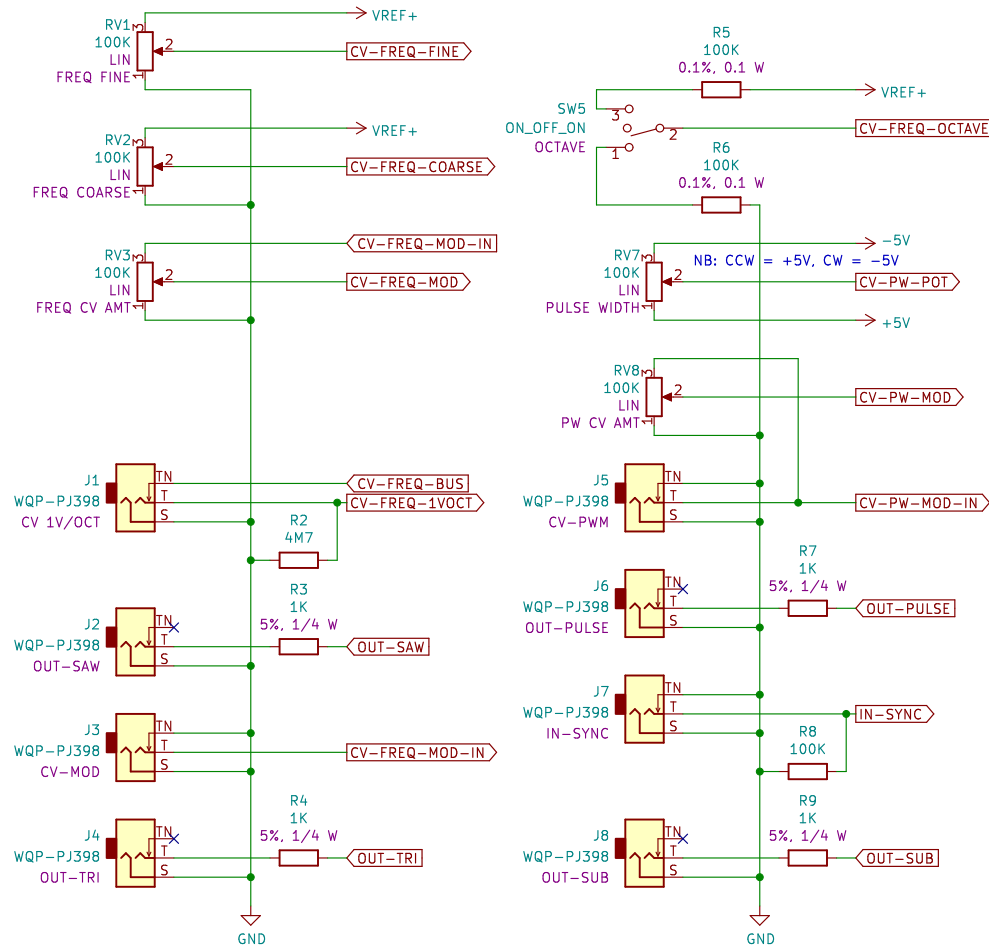
Size: A4 Date: 2022-01-31

KiCad E.D.A. kicad (6.0.2)

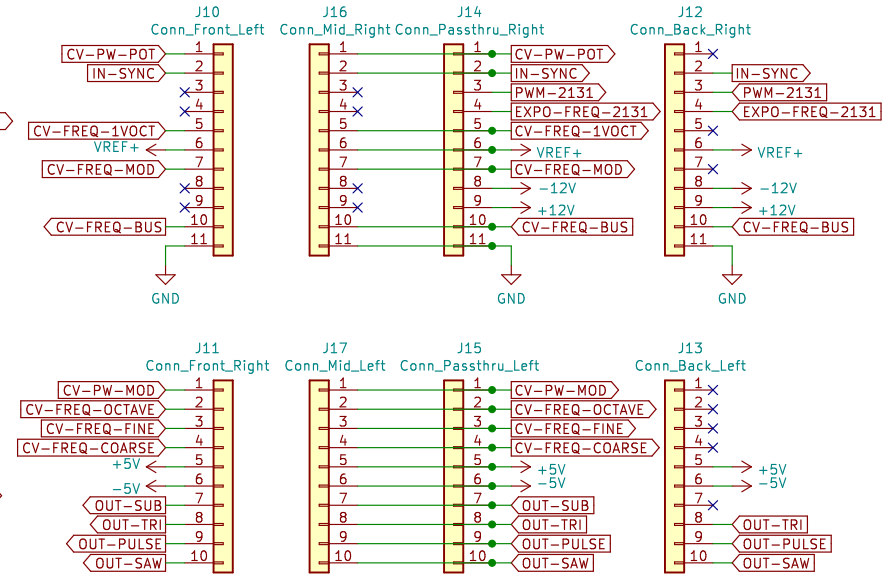
Rev: 1.1

Id: 1/3

Front Panel



Board Connectors



All fixed resistors are 1% tolerance unless otherwise specified.

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Sheet: /Controls & Connectors/
File: Panel.kicad_sch

Title: Controls & Connectors – Eurorack SSI2131 VCO

Size: A4
KiCad E.D.A. kicad (6.0.2)

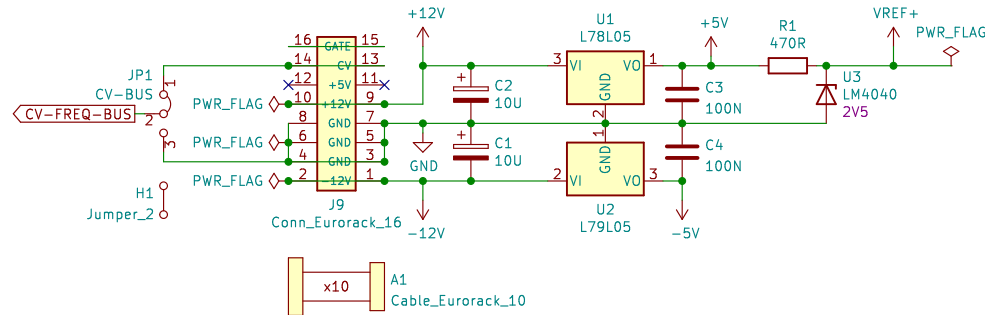
Date: 2022-01-31

Rev: 1.1

Id: 2/3

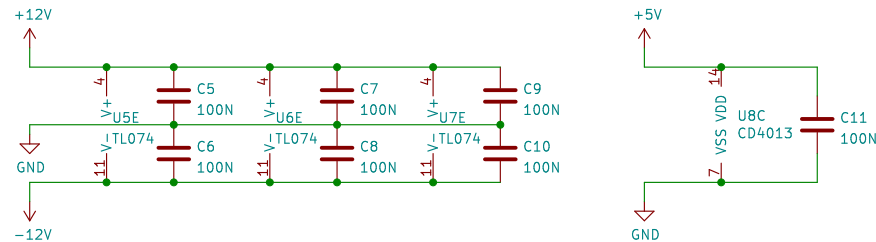


Eurorack Bus & Power



Note that the +5V supply comes from a regulator, not from the Eurorack power cable. This is to ensure a solid supply for the SSI2131 VCO.

IC Power

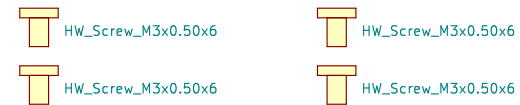


Hardware

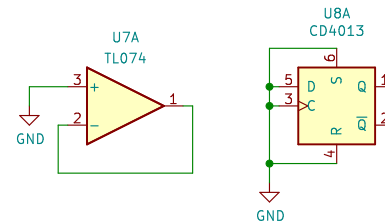
PCB standoffs



Front panel



Leftovers



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

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Sheet: /Power/
File: Power.kicad_sch

Title: Power & Stuff – Eurorack SSI2131 VCO

Size: A4 Date: 2022-01-31

KiCad E.D.A. kicad (6.0.2)

Rev: 1.1

Id: 3/3