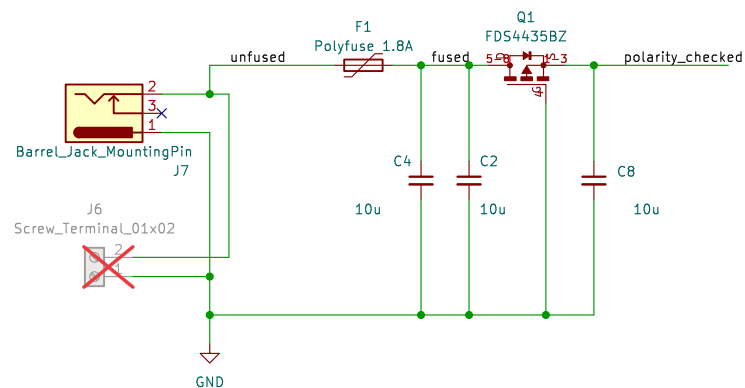
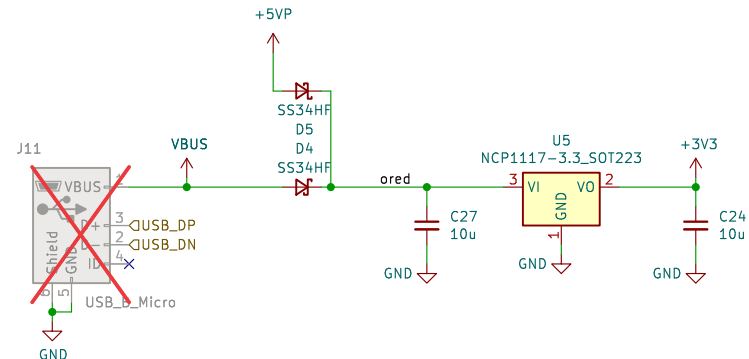


5.5mm x 2.1mm, Center Negative.

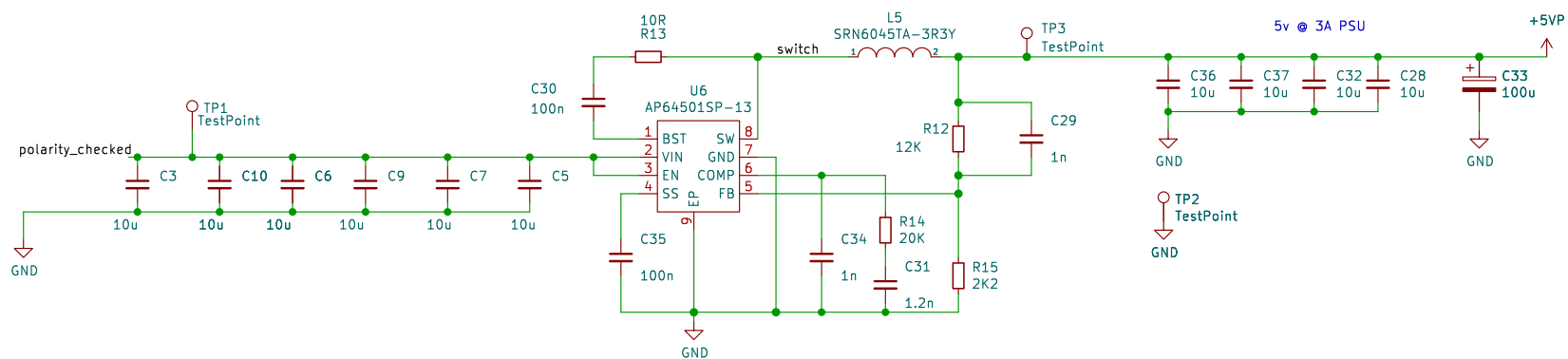
Reverse  
Polarity  
Protection



RP2040 power



+5v @ 3A PSU ( 7.5v-28v Input )

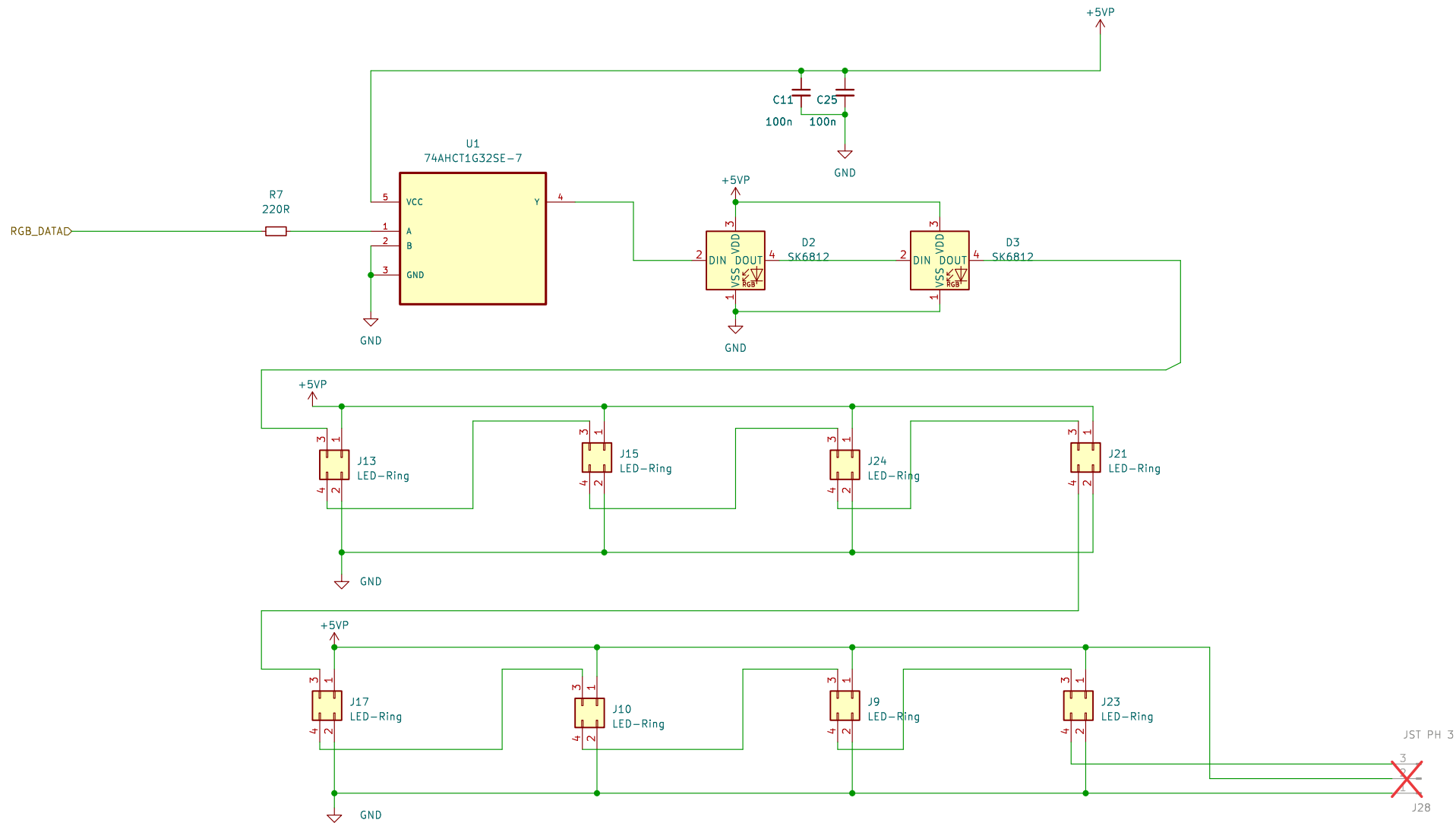


Git commit hash: 83c0aec  
License: CERN Open Hardware Licence Version 2 – Permissive  
Source Code: <https://github.com/pedalboard/pedalboard-hw>  
<https://github.com/pedalboard>

Sheet: /Power Supply/  
File: psu.kicad\_sch

**Title: Open Pedalboard Mainboard**

Size: A4	Date: 2023-12-05	Rev: 3.2.0-RC1
KiCad E.D.A.	kicad-cli 7.0.9-7.0.9-ubuntu23.04.1	Id: 4/6



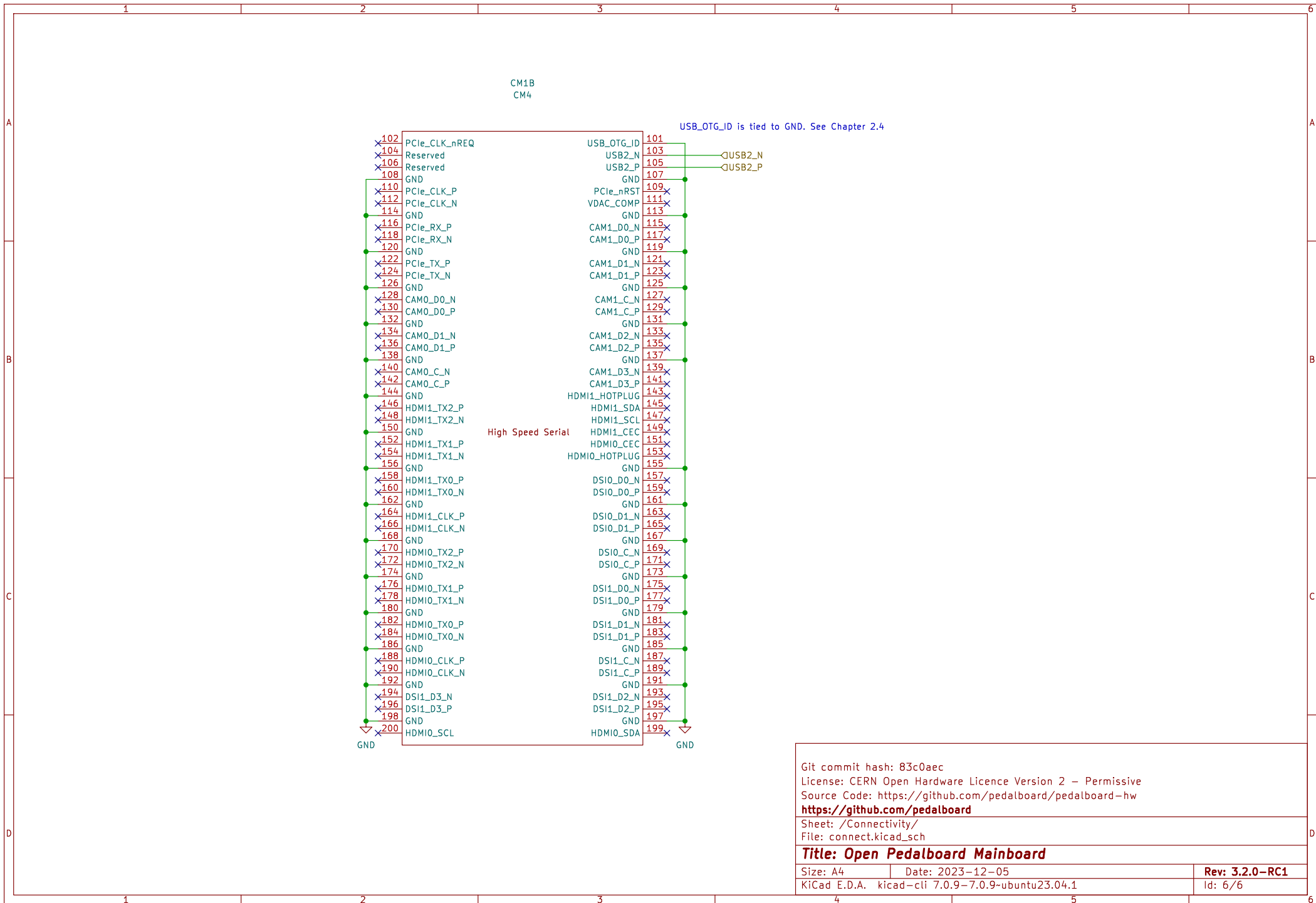
Either the single LEDs or the LED rings can be populated.

Git commit hash: 83c0aec  
 License: CERN Open Hardware Licence Version 2 – Permissive  
 Source Code: <https://github.com/pedalboard/pedalboard-hw>  
<https://github.com/pedalboard>

Sheet: /LEDs/  
 File: leds.kicad\_sch

### Title: Open Pedalboard Mainboard

Size: A4	Date: 2023-12-05	Rev: 3.2.0-RC1
KiCad E.D.A. kicad-cli 7.0.9-7.0.9-ubuntu23.04.1		Id: 5/6



Git commit hash: 83c0aec  
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Source Code: <https://github.com/pedalboard/pedalboard-hw>  
<https://github.com/pedalboard>

Sheet: /Connectivity/  
File: connect.kicad\_sch

**Title: Open Pedalboard Mainboard**

Size: A4	Date: 2023-12-05	Rev: 3.2.0-RC1
KiCad E.D.A.	kicad-cli 7.0.9-7.0.9-ubuntu23.04.1	Id: 6/6