

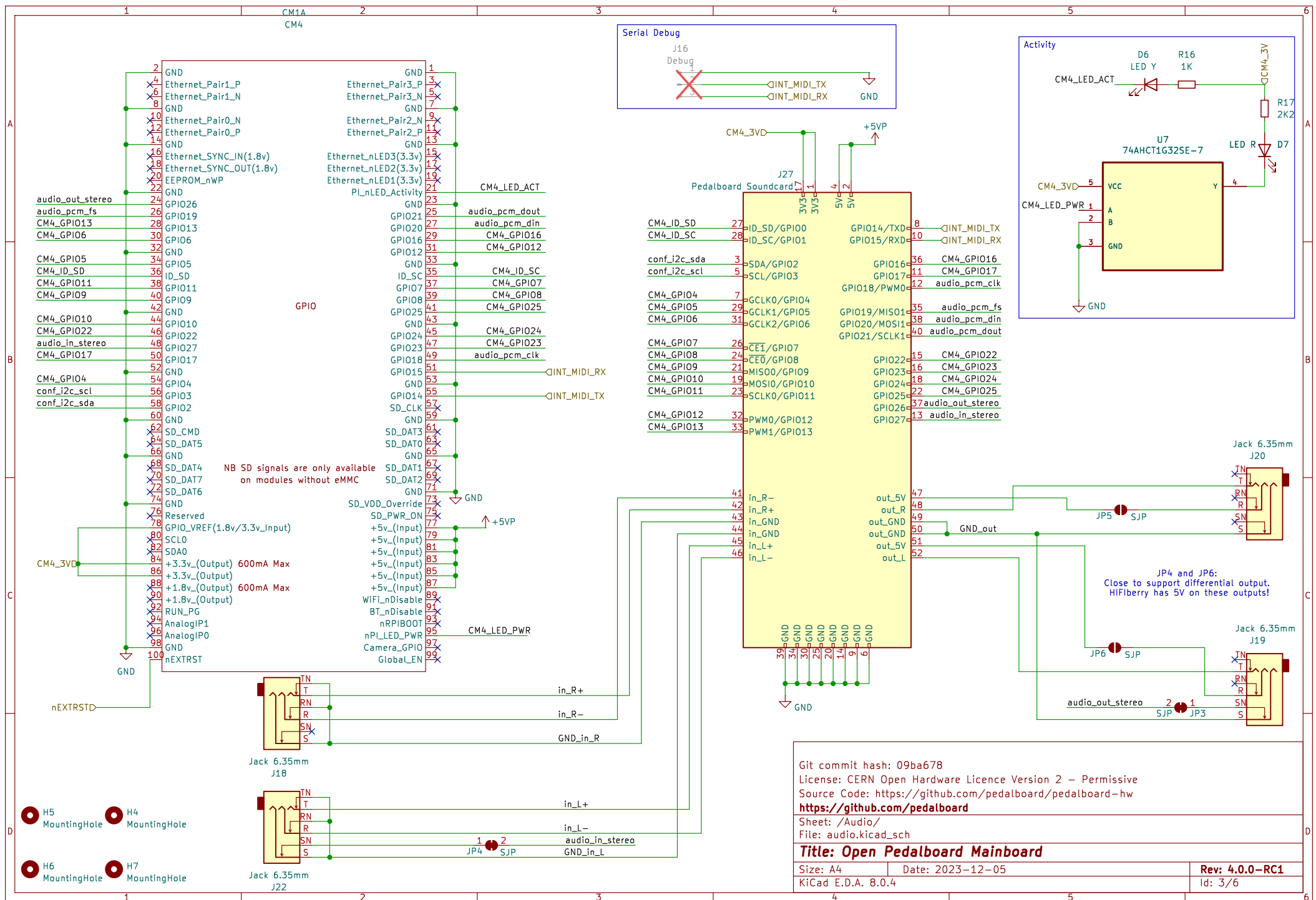
Git commit hash: 09ba678  
License: CERN Open Hardware Licence Version 2 – Permissive  
Source Code: <https://github.com/pedalboard/pedalboard-hw>  
<https://github.com/pedalboard>

Sheet: /  
File: pedalboard-hw.kicad\_sch

**Title: Open Pedalboard Mainboard**

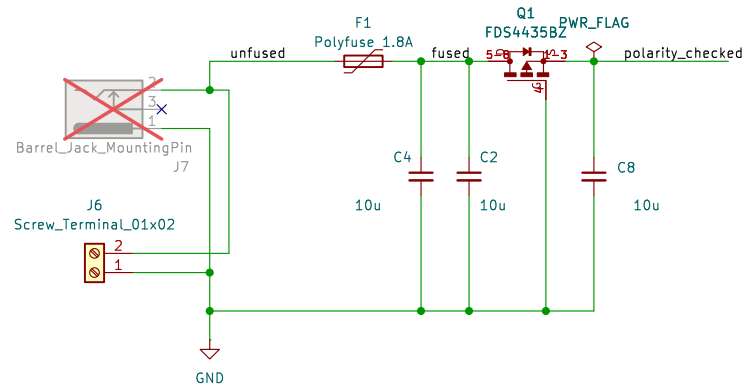
Size: A4	Date: 2023-12-05	Rev: 4.0.0-RC1
KiCad E.D.A. 8.0.4		Id: 1/6



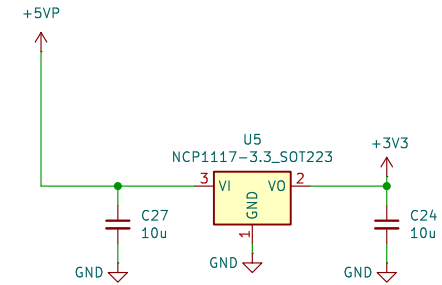


5.5mm x 2.1mm, Center Negative.

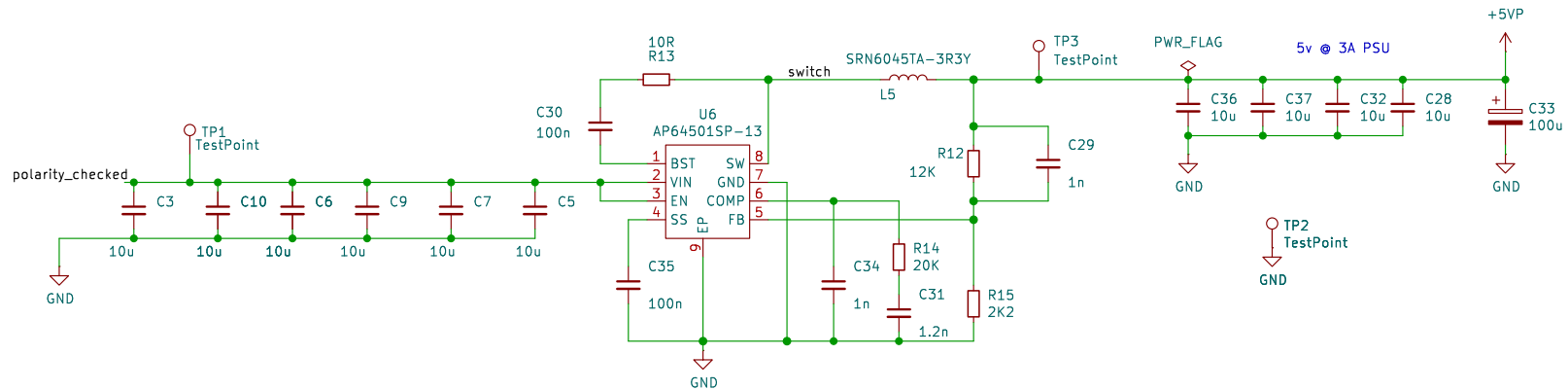
Reverse  
Polarity  
Protection



RP2040 power



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



Git commit hash: 09ba678

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: 4.0.0-RC1

KiCad E.D.A. 8.0.4

Id: 4/6

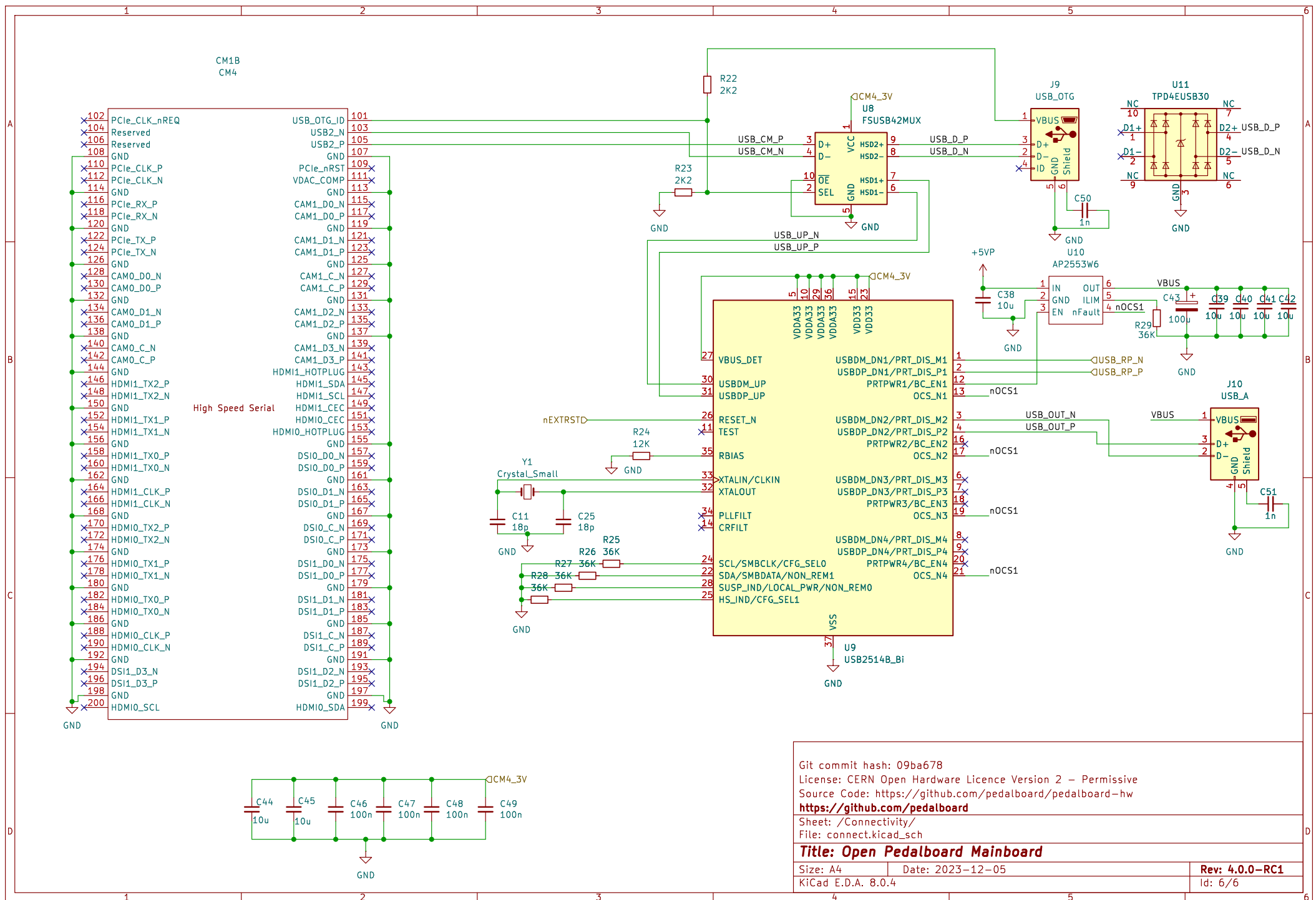


**Title: Open Pedalboard Mainboard**

Date: 2023-12-05

KiCad E.D.A. 8.0.4

Id: 5/6



Git commit hash: 09ba678

License: CERN Open Hardware Licence Version 2 – Permissive

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
----------	------------------

KiCad E.D.A. 8.0.4

Rev: 4.0.0–RC1

Id: 6/6