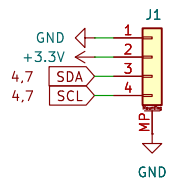
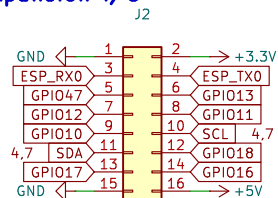


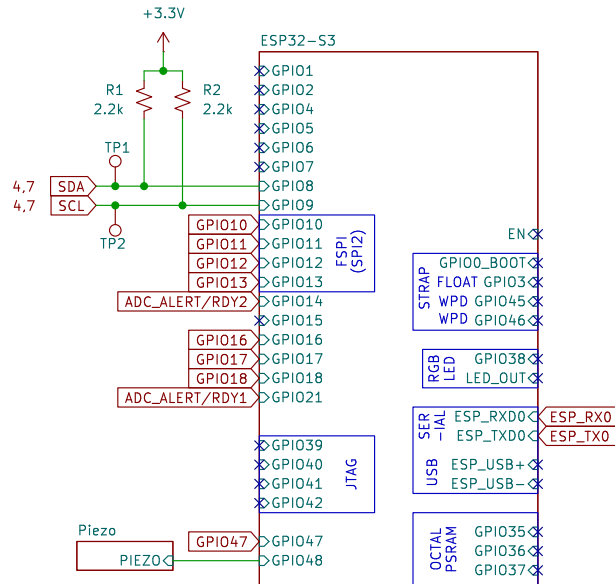
I2C / QWIIC



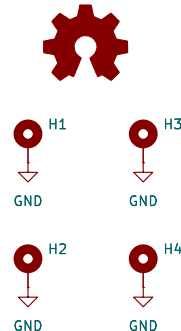
Expansion I/O



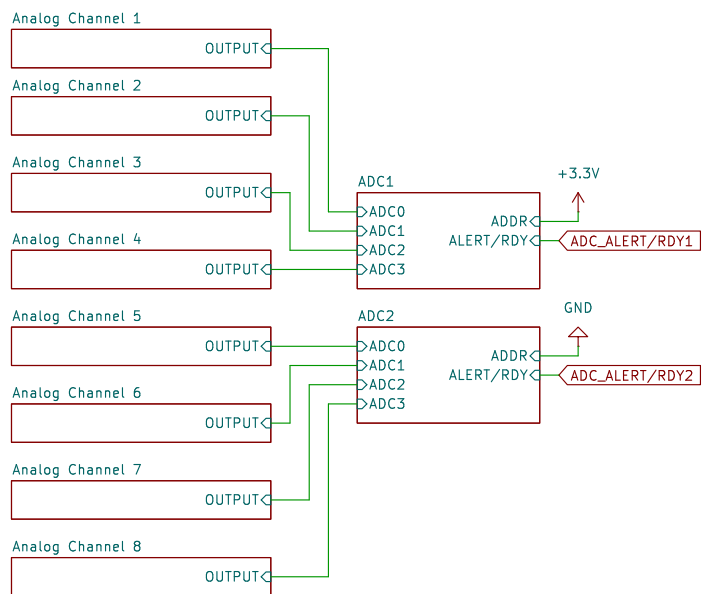
ESP32-S3



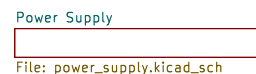
Misc



Analog Inputs



Power Supply



Sheet: /

File: sendit.kicad_sch

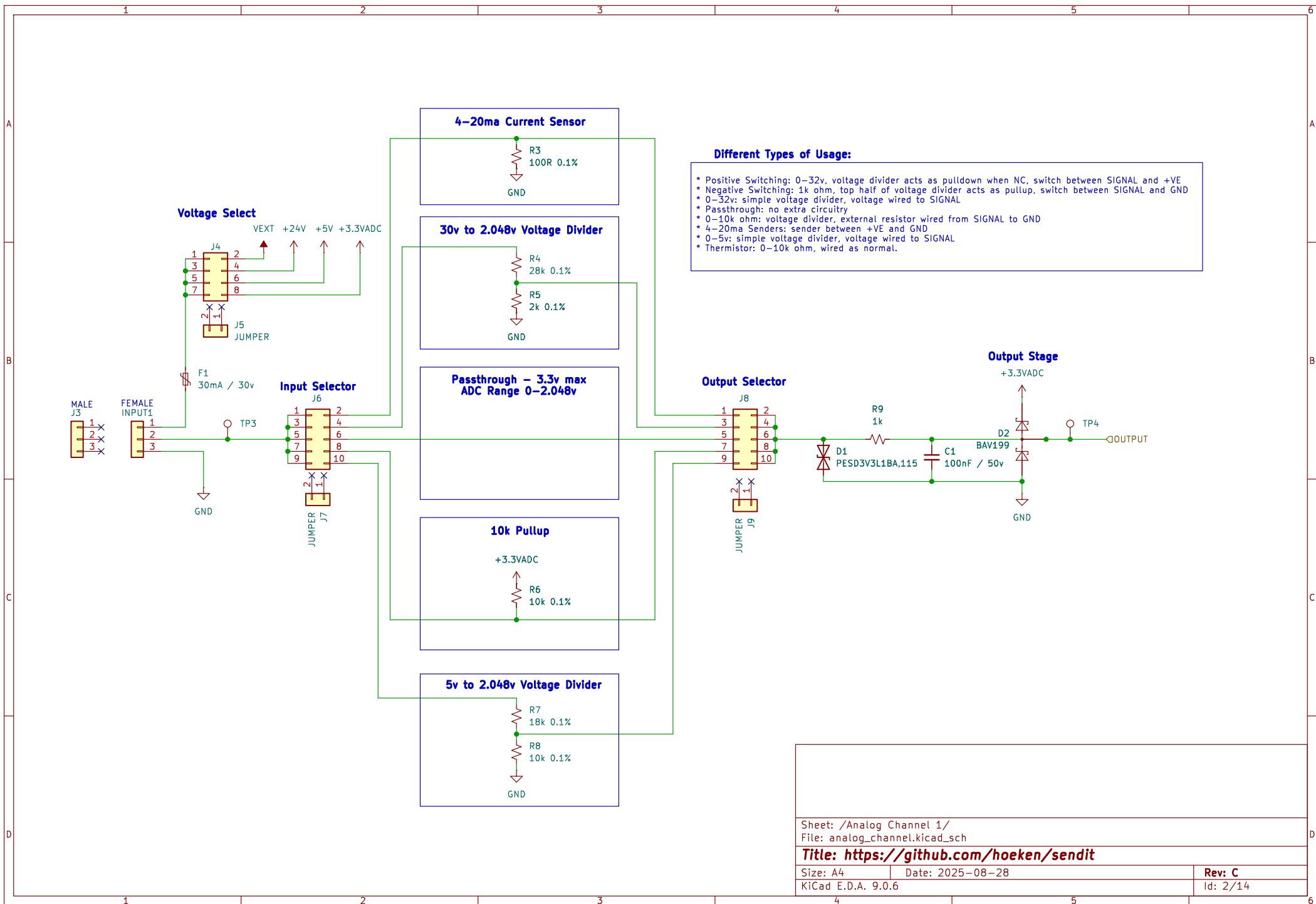
Title: <https://github.com/hoeken/sendit>

Size: A4 Date: 2025-08-28

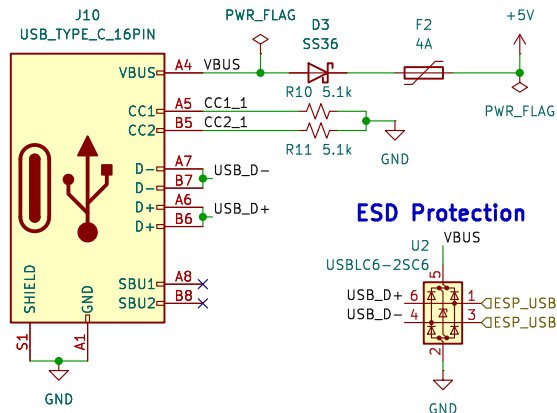
KiCad E.D.A. 9.0.6

Rev: C

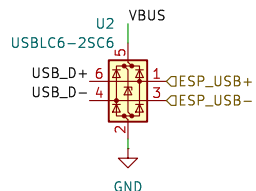
Id: 1/14



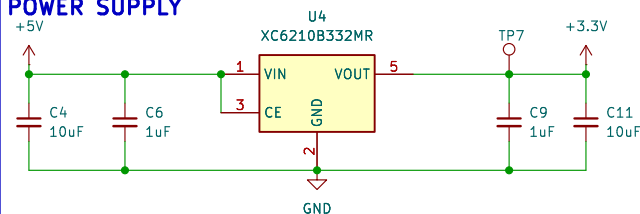
USB PORT



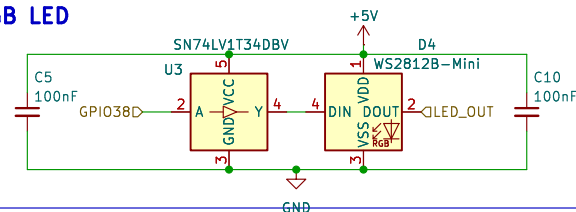
ESD Protection



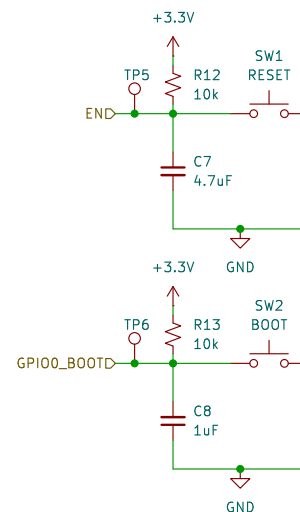
POWER SUPPLY



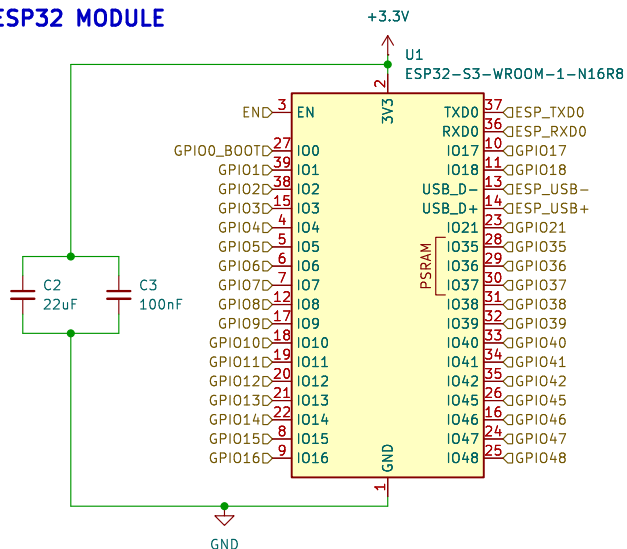
RGB LED



BOOT CONTROL



ESP32 MODULE



Originally forked from: github.com/eggssampler/ESP32-S3-Breakout
Updates based on www.waveshare.com/wiki/ESP32-S3-DEV-KIT-N8R8

Design by Zach Hoeken

Sheet: /ESP32-S3/
File: esp32-s3.kicad_sch

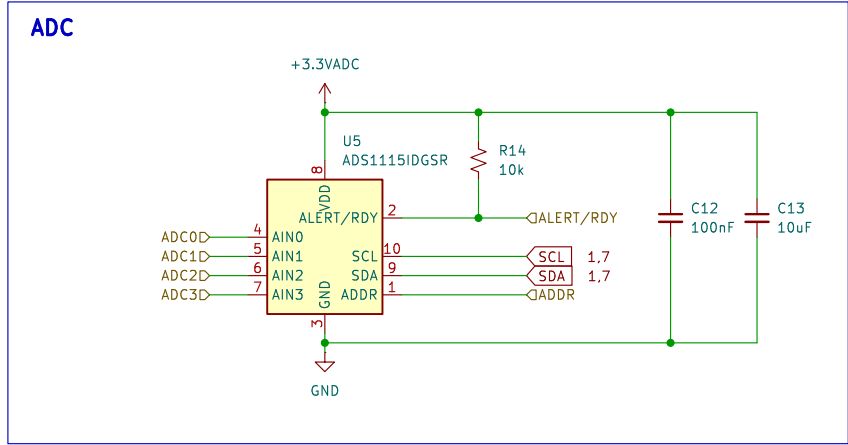
Title: <https://github.com/hoeken/sendit>

Size: A4 Date: 2025-08-28

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Rev: C

Id: 3/14



Sheet: /ADC1/

File: 1115_adc.kicad_sch

Title: <https://github.com/hoeken/brineomatic>

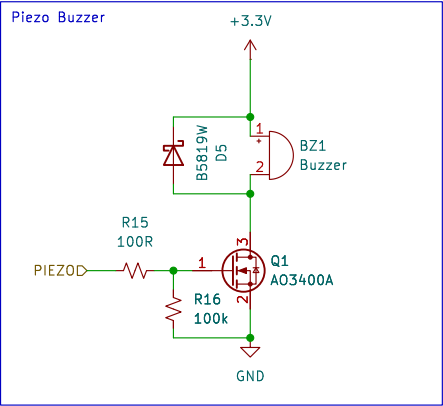
Size: A4

Date: 2025-08-28

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Id: 4/14



Sheet: /Piezo/

File: piezo.kicad_sch

Title: <https://github.com/hoeken/sendit>

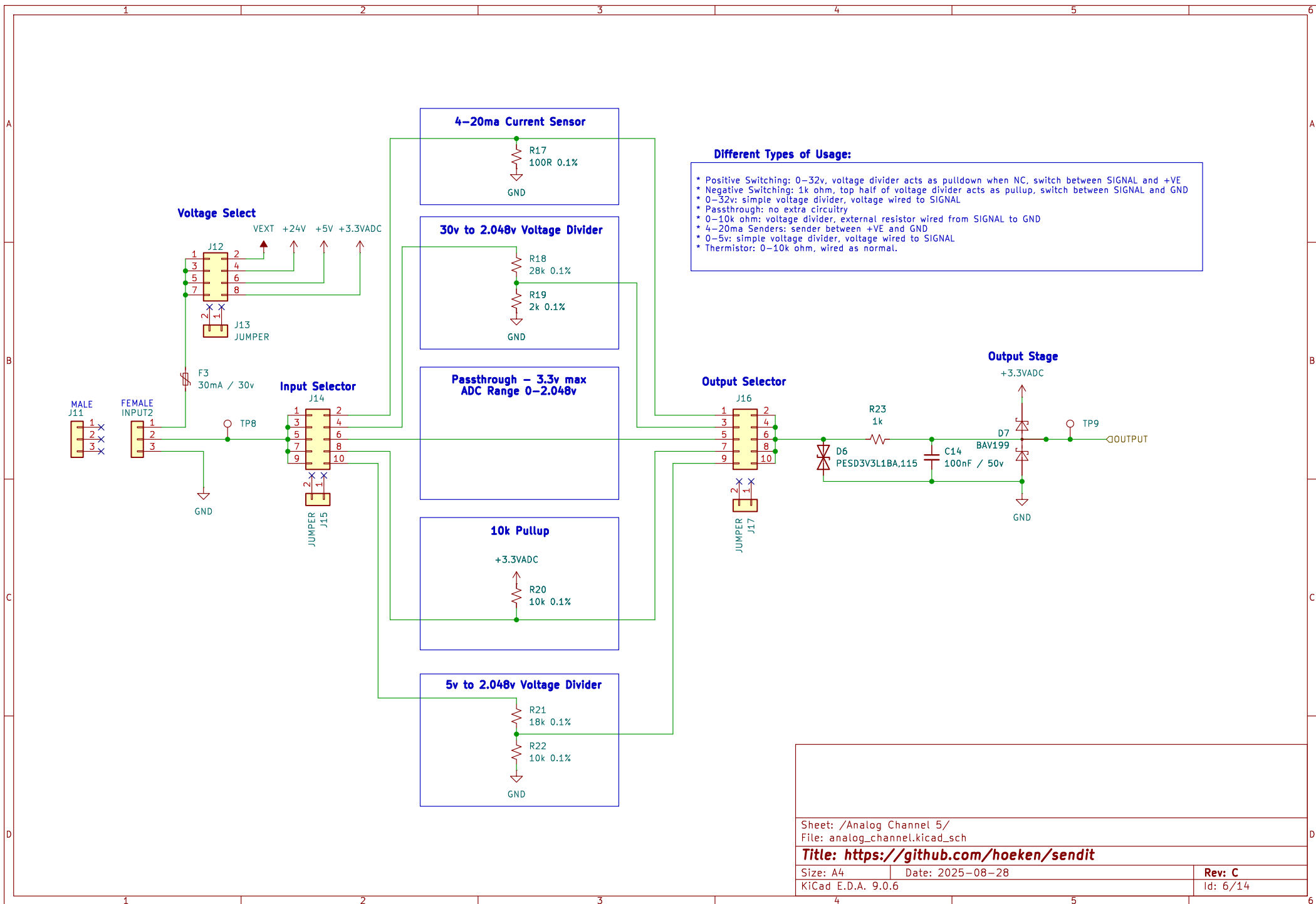
Size: A4

Date: 2025-08-28

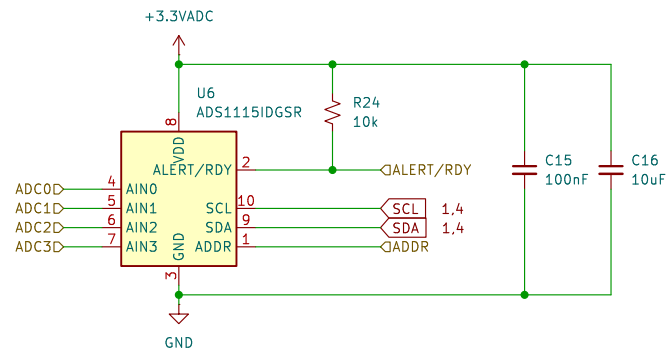
Rev: C

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Id: 5/14



ADC



Sheet: /ADC2/
File: 1115_adc.kicad_sch

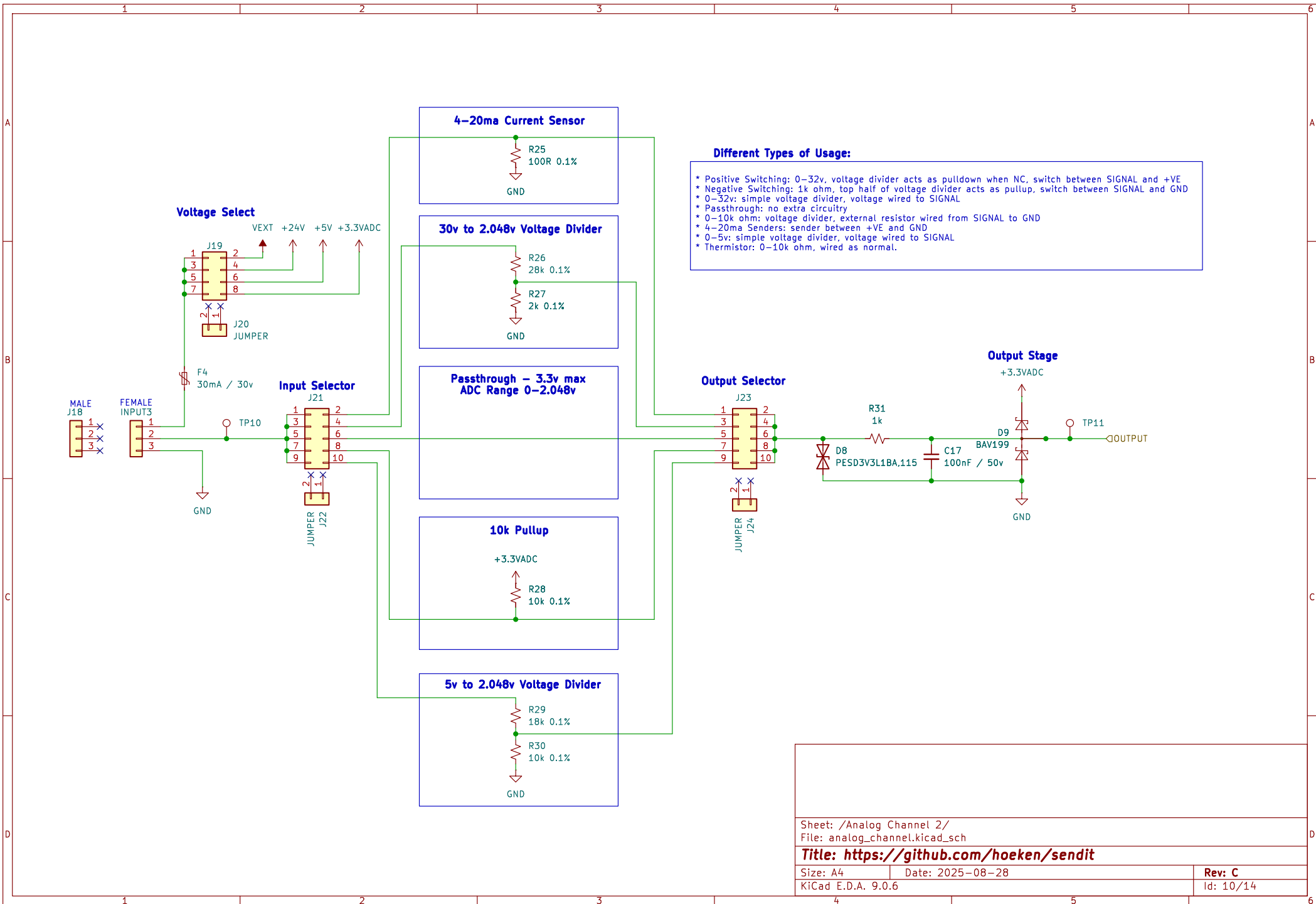
Title: <https://github.com/hoeken/brineomatic>

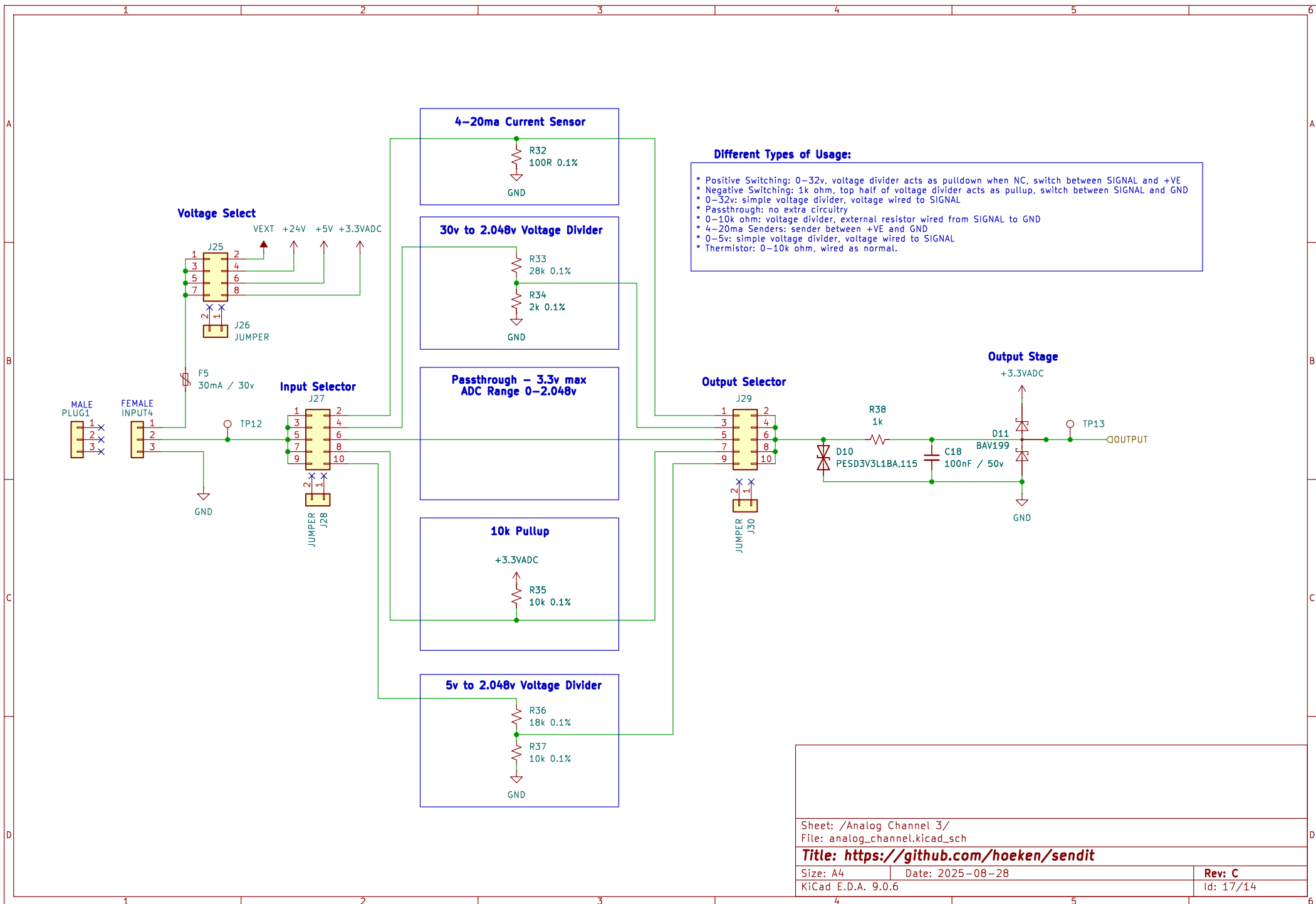
Size: A4 Date: 2025-08-28

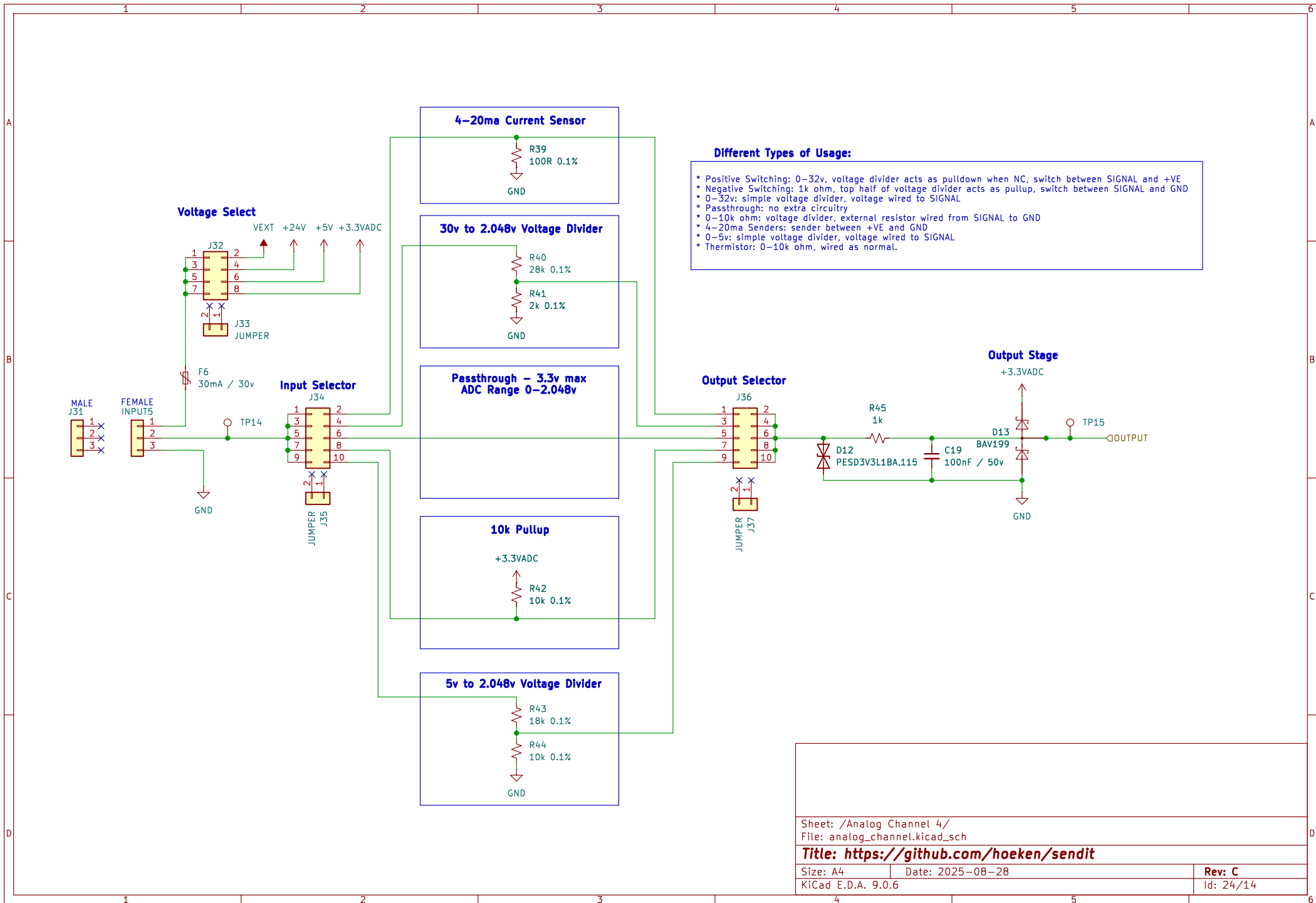
KiCad E.D.A. 9.0.6

Rev: B

Id: 7/14







Sheet: /Analog Channel 4/
File: analog_channel.kicad_sch

Title: <https://github.com/hoeken/sendit>

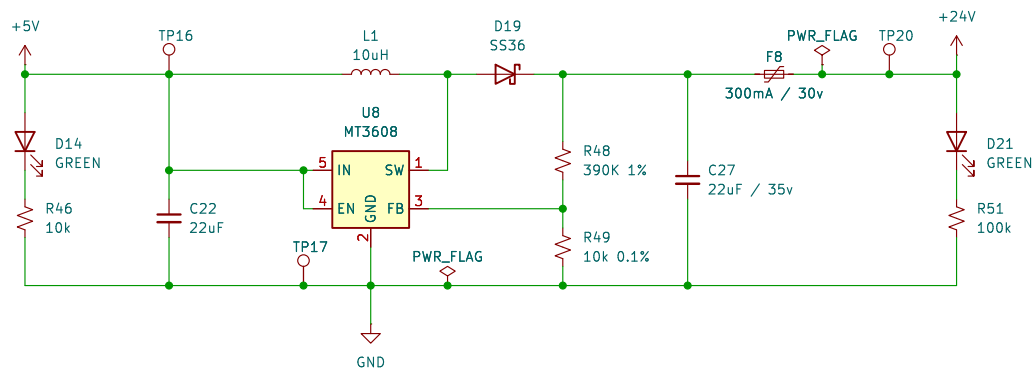
Size: A4 Date: 2025-08-28

KiCad E.D.A. 9.0.6

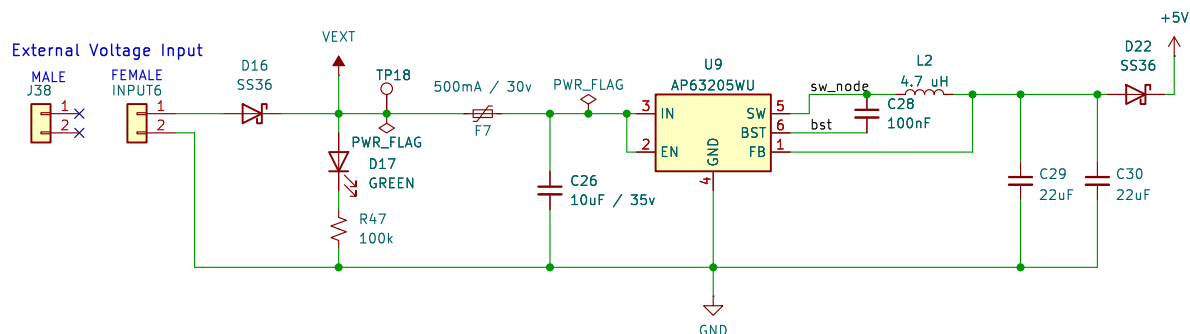
Rev: C

Id: 24/14

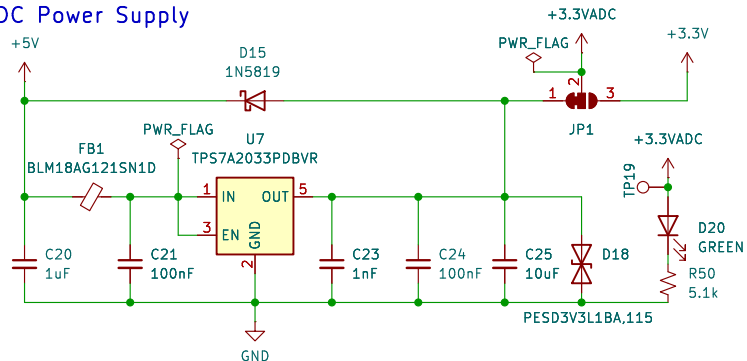
5V to 24V Boost Converter



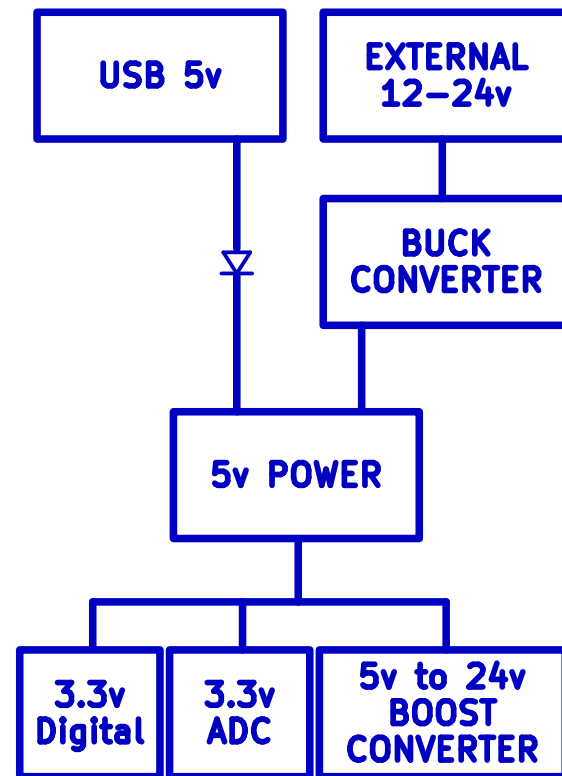
24v to 5v Buck Converter



ADC Power Supply



POWER TOPOLOGY



Sheet: /Power Supply/
File: power_supply.kicad_sch

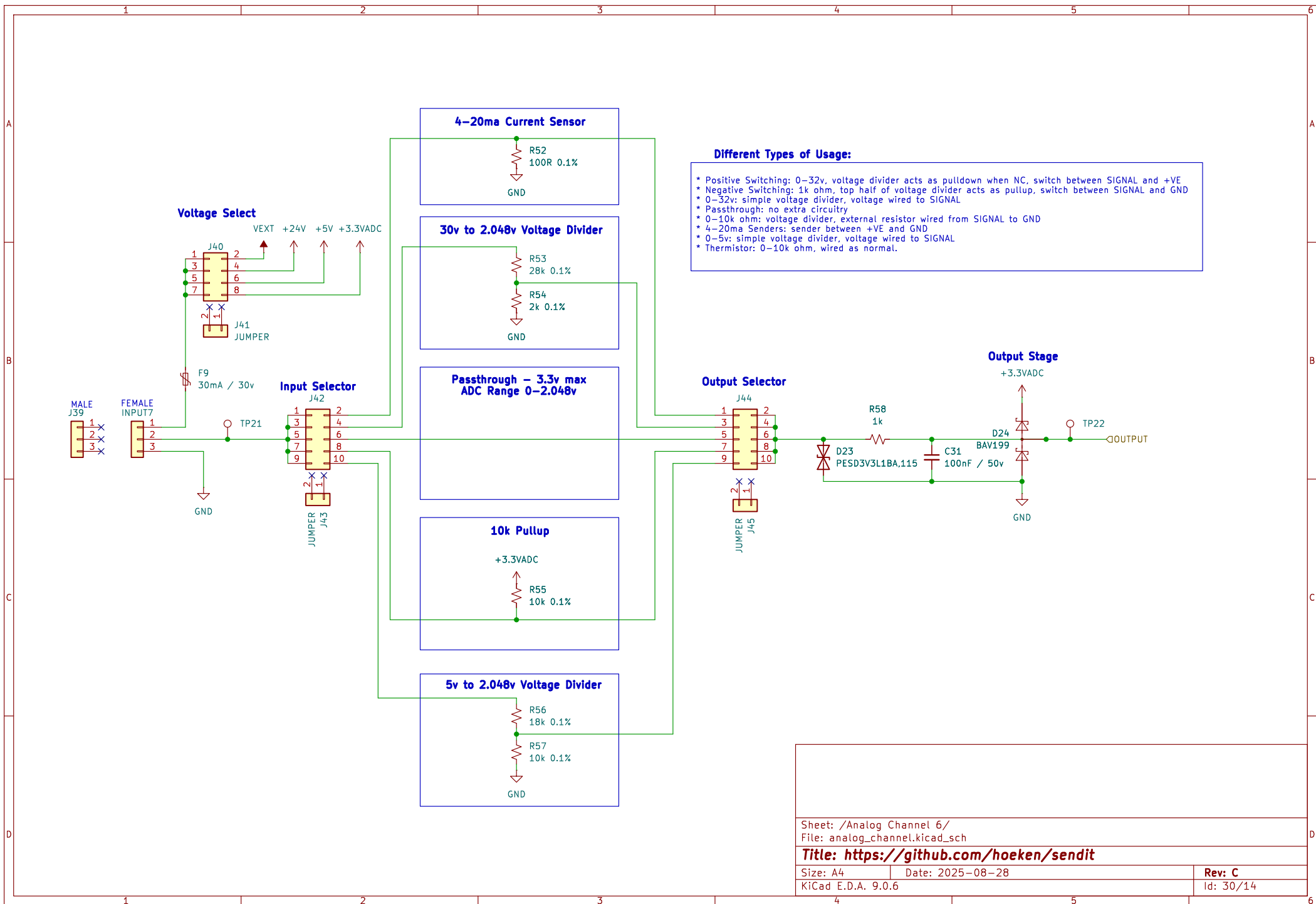
Title: <https://github.com/hoeken/sendit>

Size: A4 Date: 2025-08-28

KiCad E.D.A. 9.0.6

Rev: C

Id: 27/14



Sheet: /Analog Channel 6/
File: analog_channel.kicad_sch

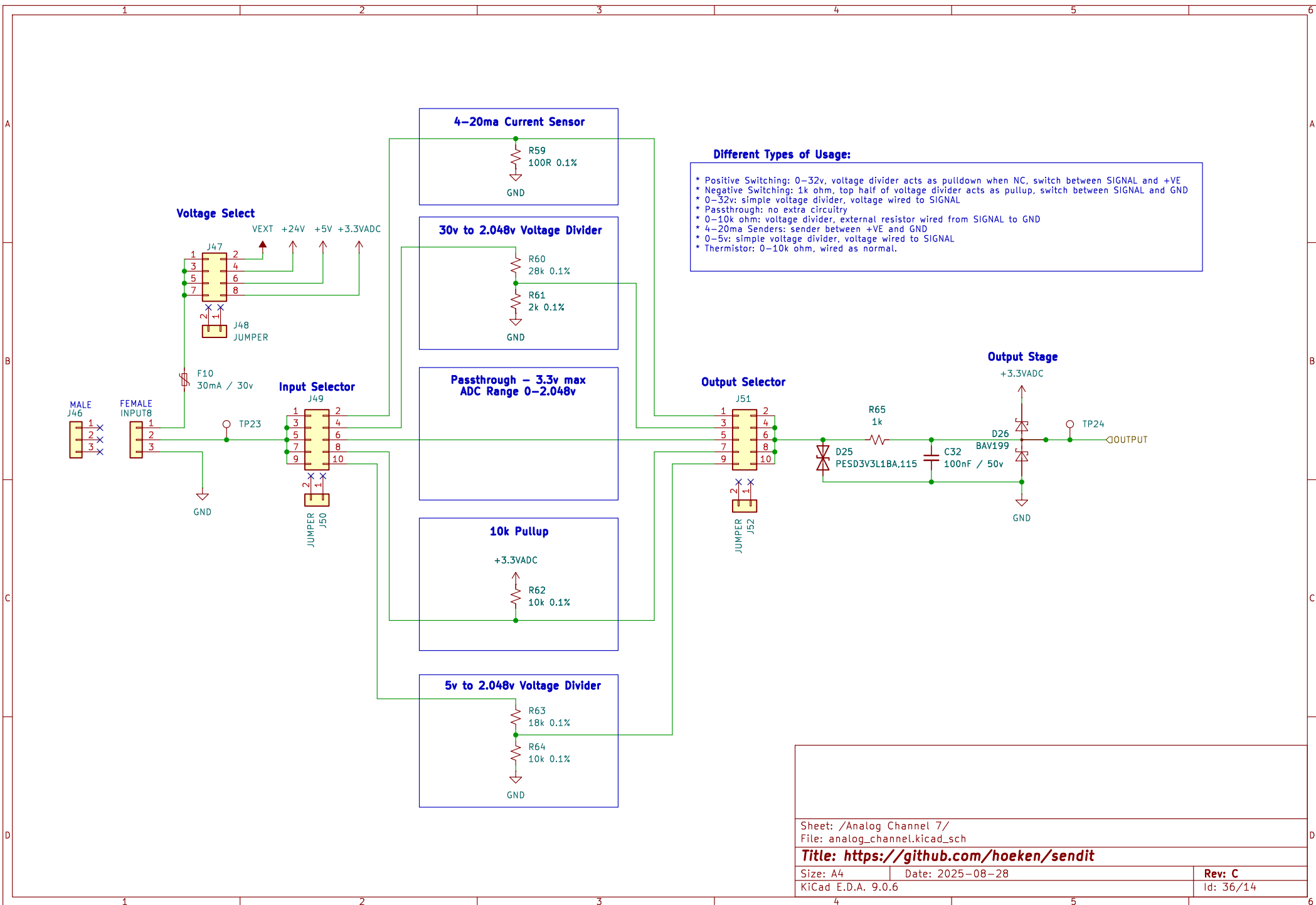
Title: <https://github.com/hoeken/sendit>

Size: A4 Date: 2025-08-28

KiCad E.D.A. 9.0.6

Rev: C

Id: 30/14



Sheet: /Analog Channel 7/
File: analog_channel.kicad_sch

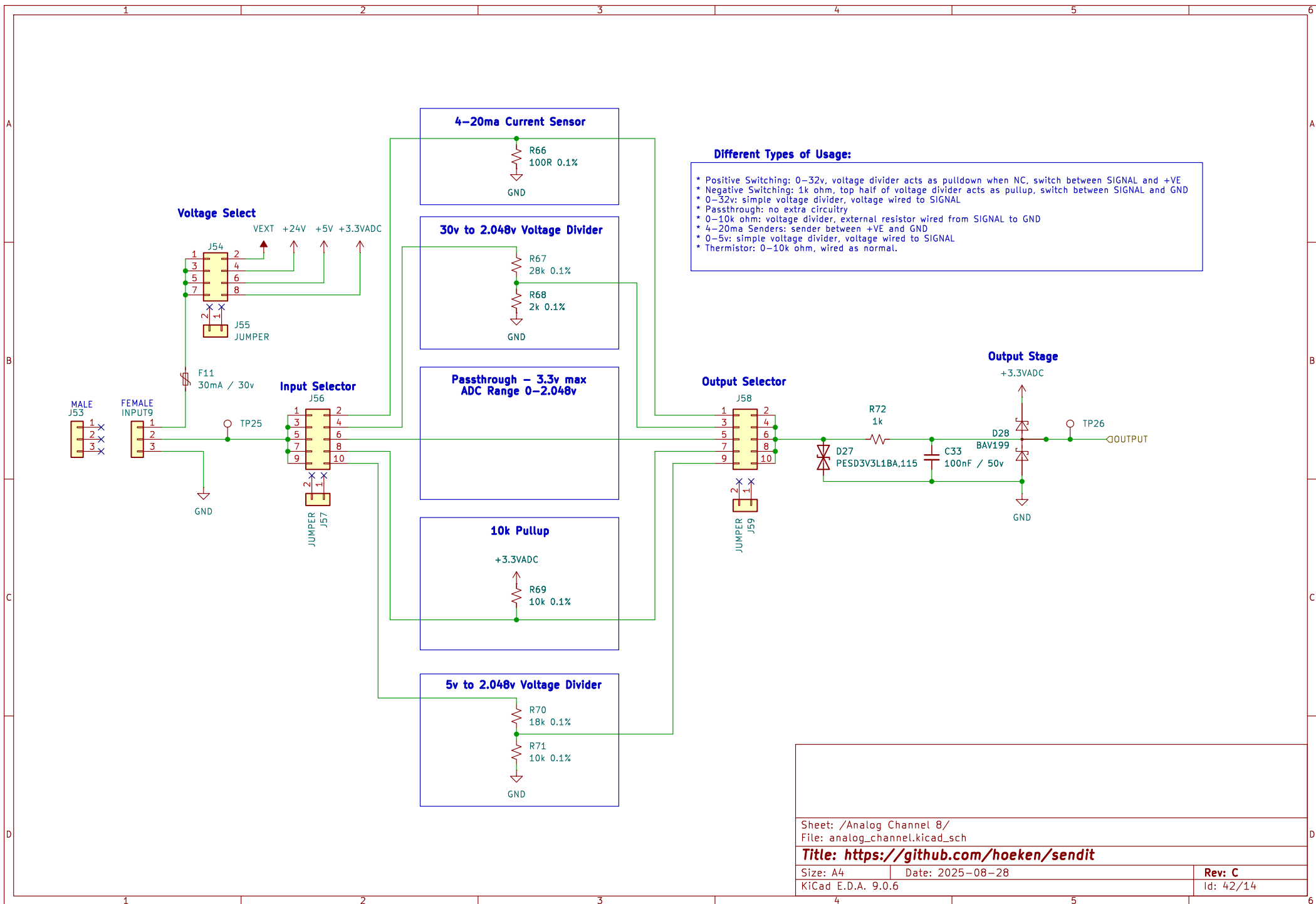
Title: <https://github.com/hoeken/sendit>

Size: A4 Date: 2025-08-28

KiCad E.D.A. 9.0.6

Rev: C

Id: 36/14



Sheet: /Analog Channel 8/
File: analog_channel.kicad_sch

Title: <https://github.com/hoeken/sendit>

Size: A4 Date: 2025-08-28

KiCad E.D.A. 9.0.6

Rev: C

Id: 42/14