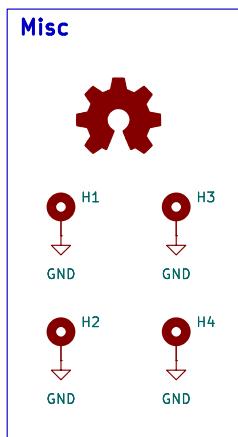
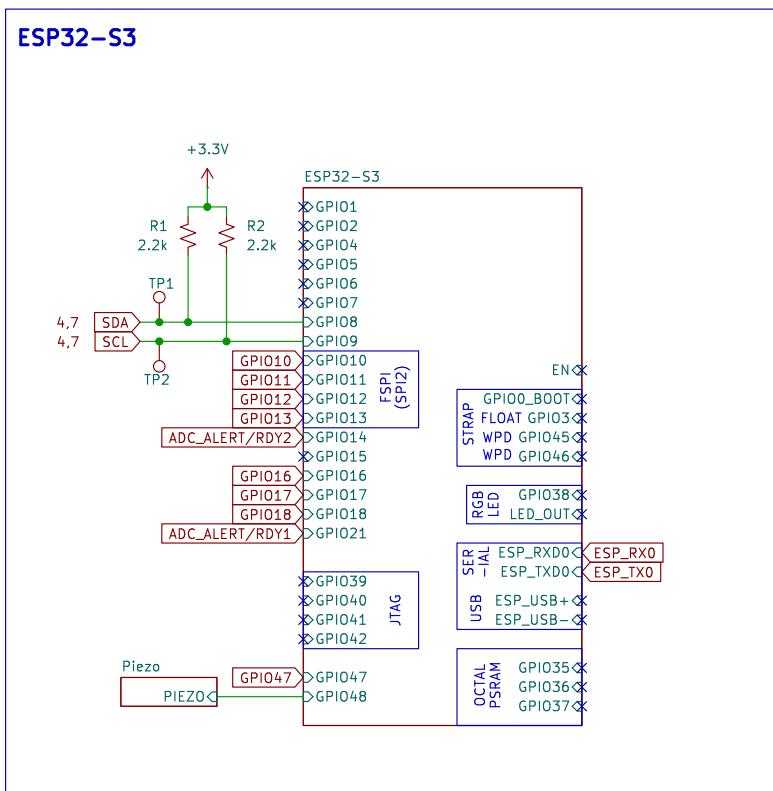
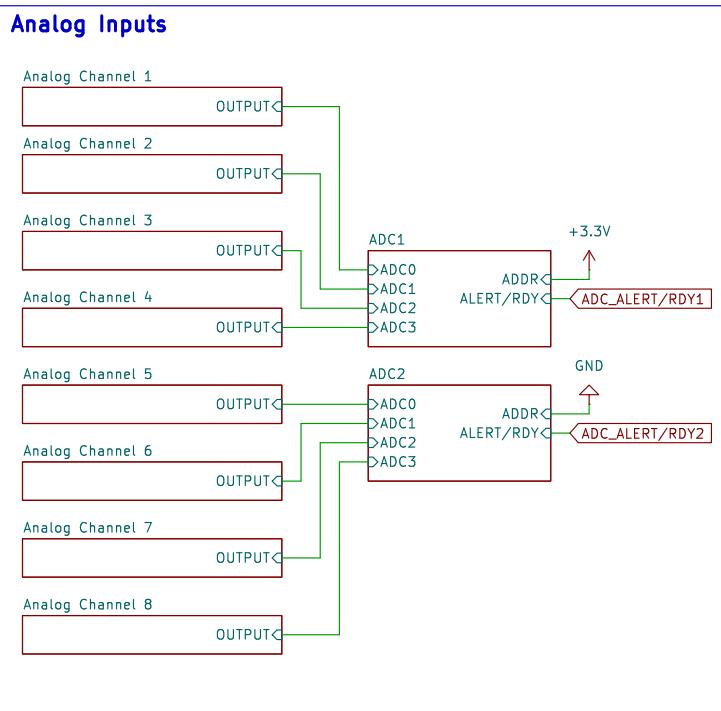
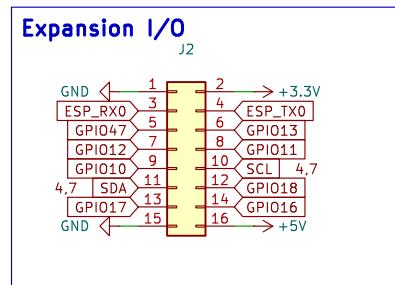
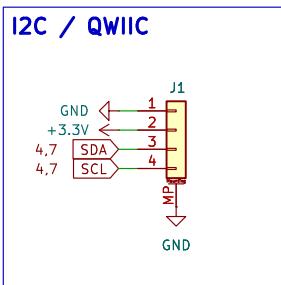
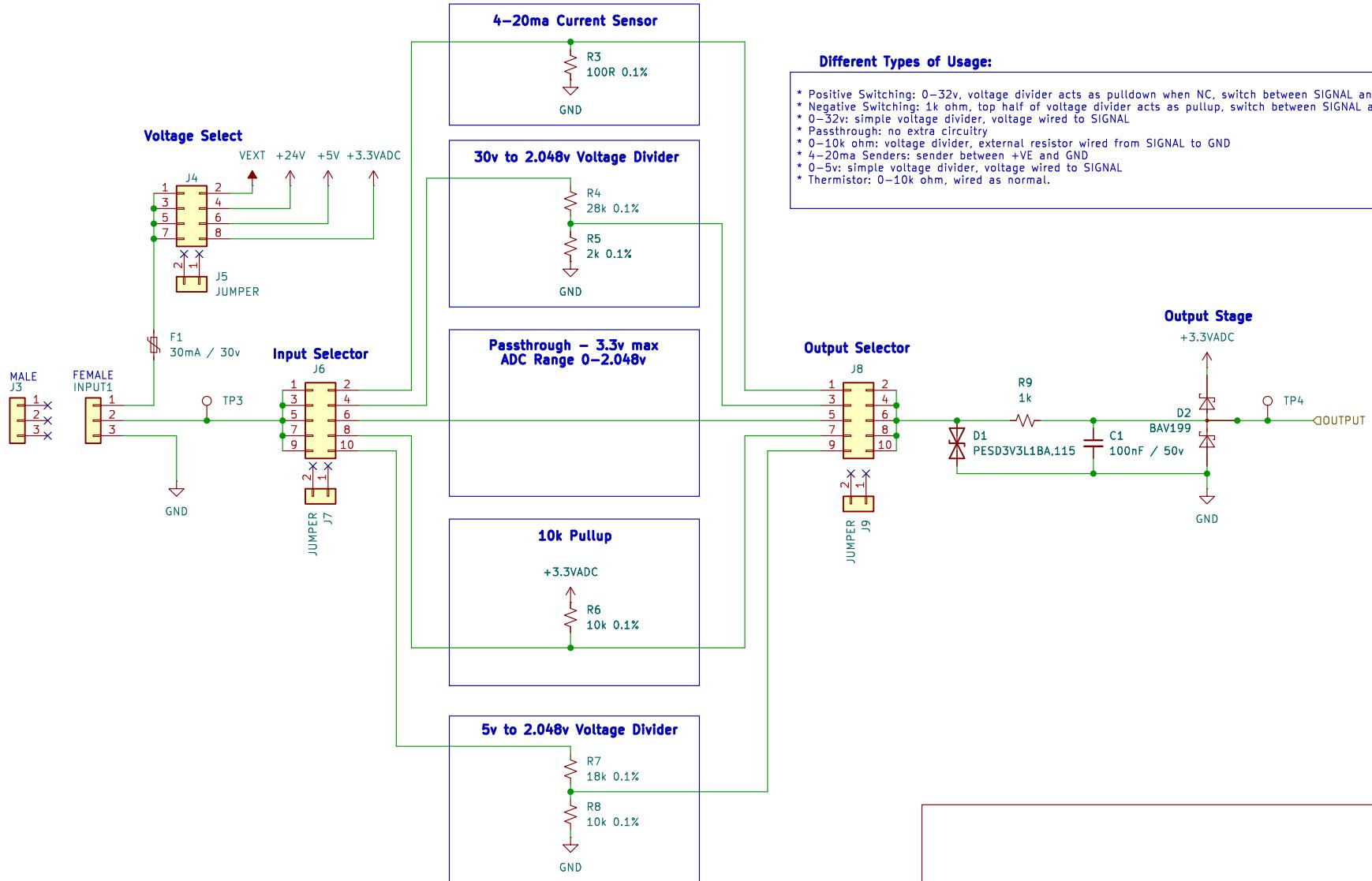


1 2 3 4 5 6



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

1 2 3 4 5 6



Sheet: /Analog Channel 1/  
File: analog\_channel.kicad\_sch

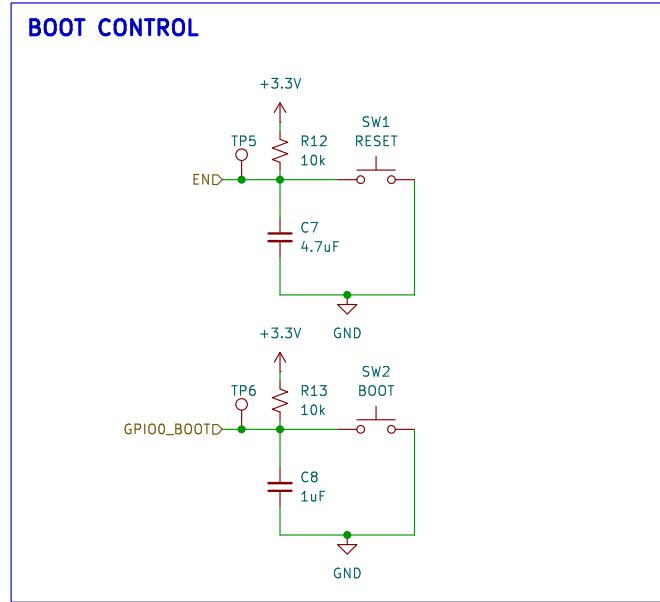
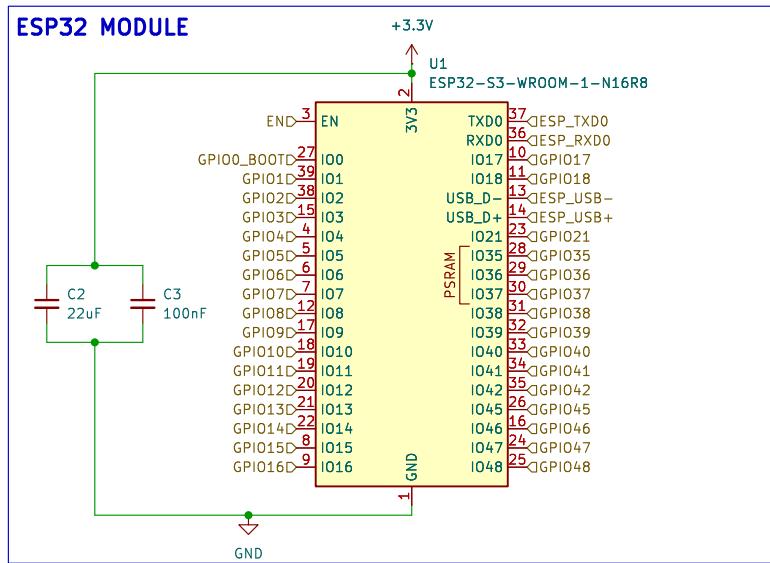
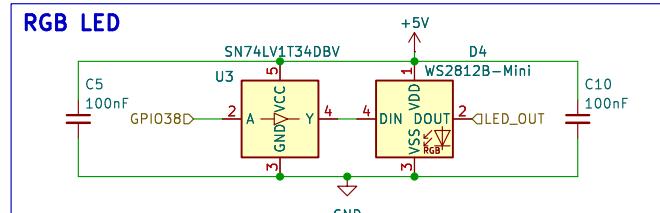
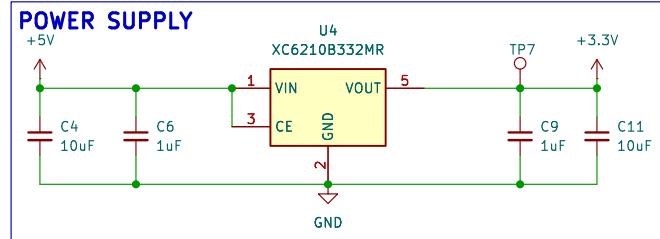
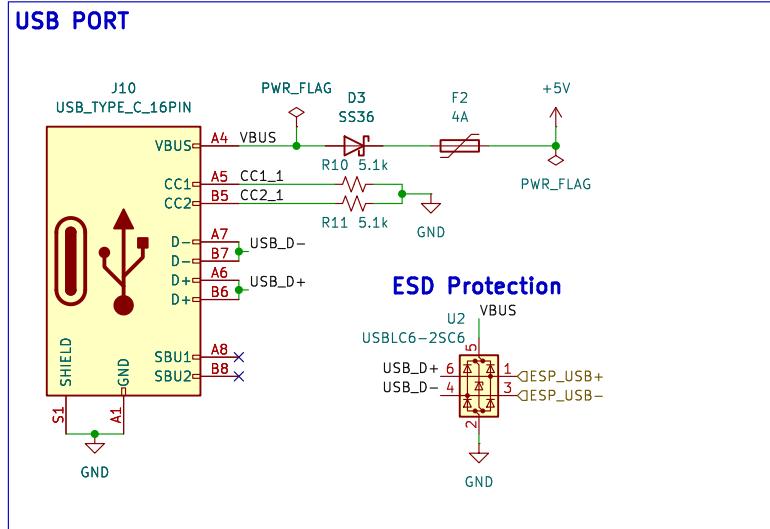
Title: <https://github.com/hoeken/sendit>

Size: A4 Date: 2025-08-28

KiCad E.D.A. 9.0.6

Rev: C

Id: 2/14



Originally forked from: [github.com/eggsampler/ESP32-S3-Breakout](https://github.com/eggsampler/ESP32-S3-Breakout)  
Updates based on [www.waveshare.com/wiki/ESP32-S3-DEV-KIT-N8R8](https://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

KiCad E.D.A. 9.0.6

Rev: C

Id: 3/14

1 2 3 4 5 6

A

A

B

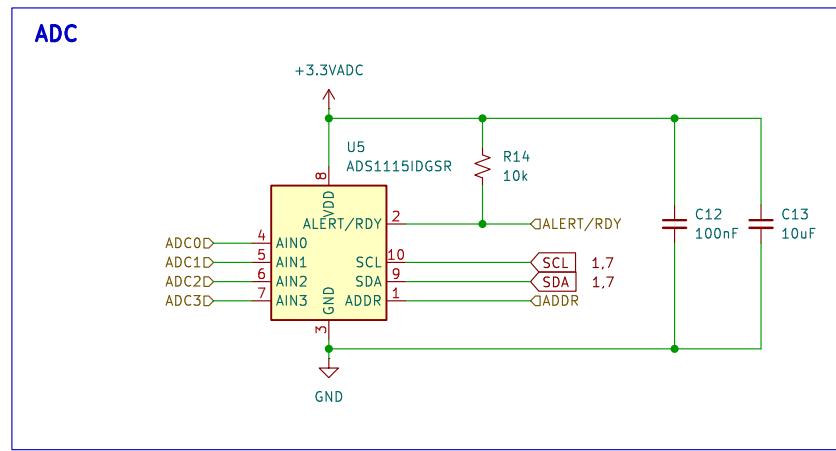
B

C

C

D

D



Sheet: /ADC1/  
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: 4/14

1 2 3 4 5 6

A

A

B

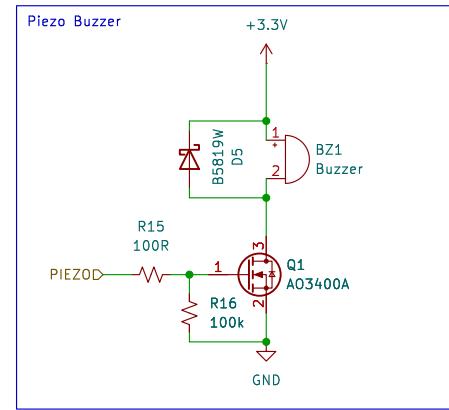
B

C

C

D

D



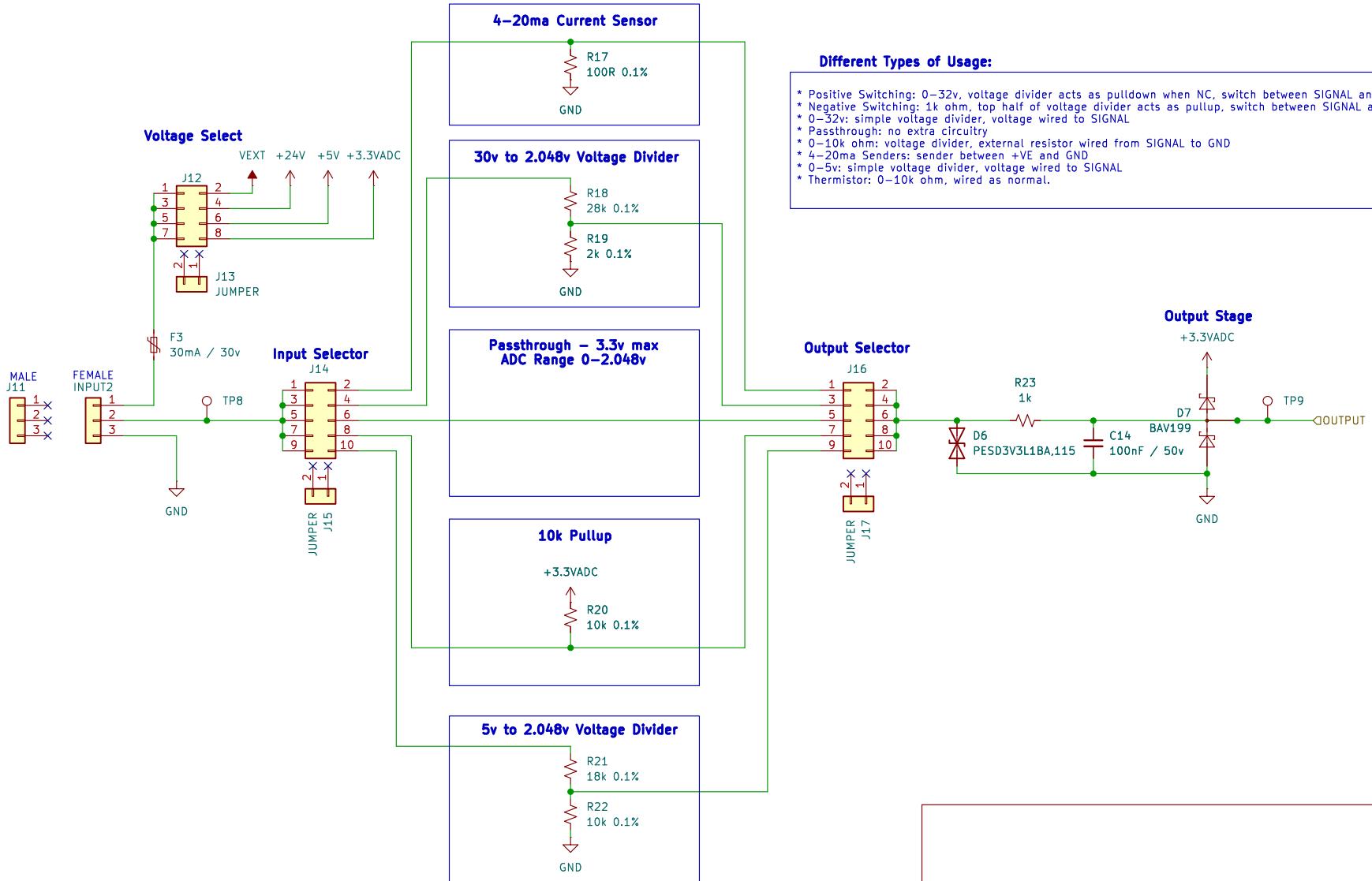
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File: piezo.kicad\_sch

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

Size: A4 Date: 2025-08-28

KiCad E.D.A. 9.0.6

Rev: C  
Id: 5/14



Sheet: /Analog Channel 5/  
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: 6/14

1 2 3 4 5 6

A

A

B

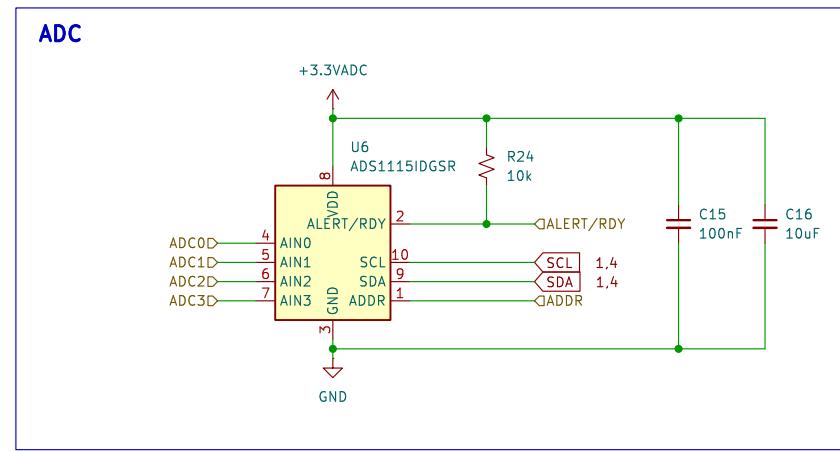
B

C

C

D

D



Sheet: /ADC2/  
File: 1115\_adc.kicad\_sch

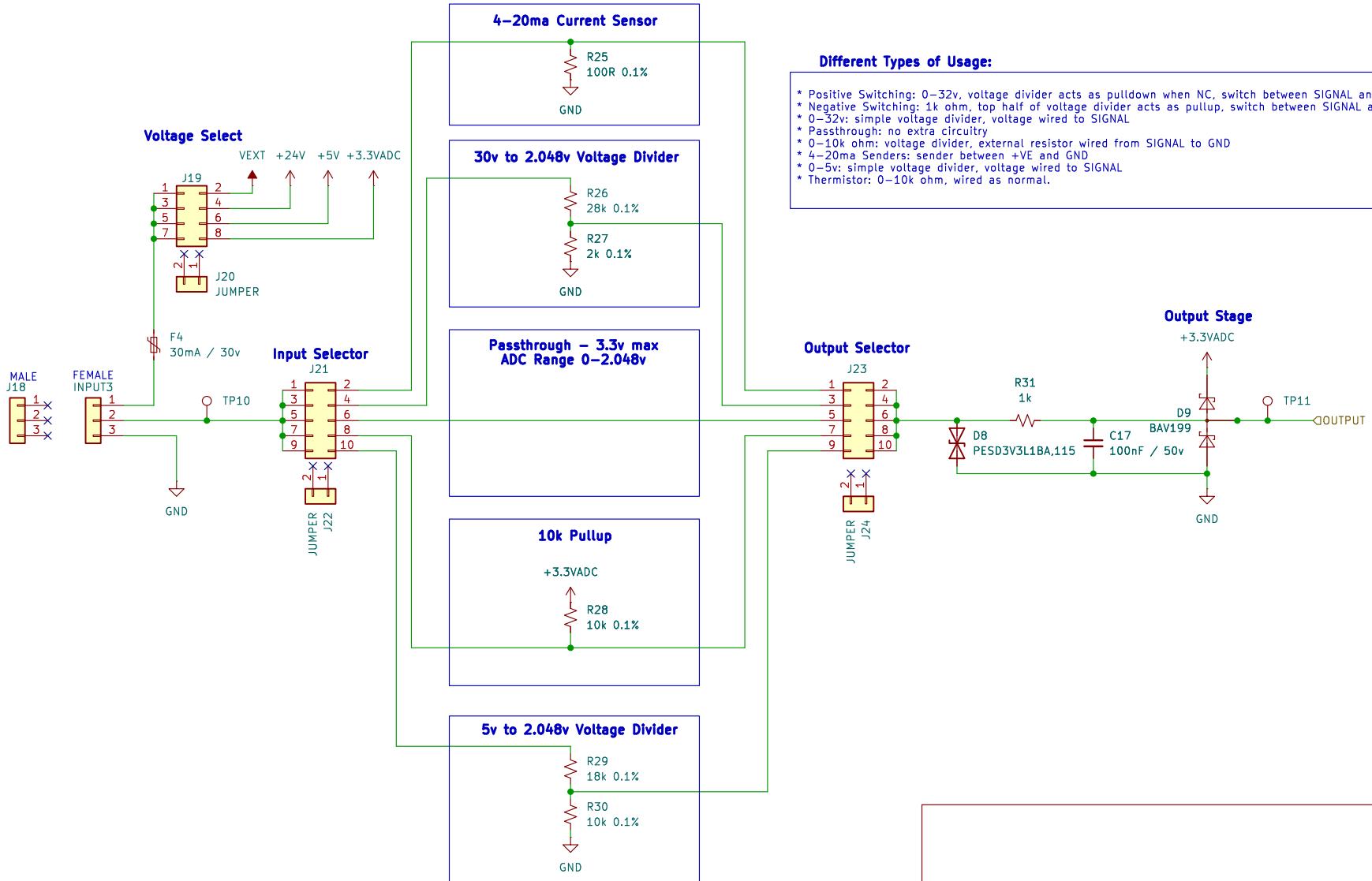
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Size: A4 Date: 2025-08-28

KiCad E.D.A. 9.0.6

Rev: B  
Id: 7/14

1 2 3 4 5 6



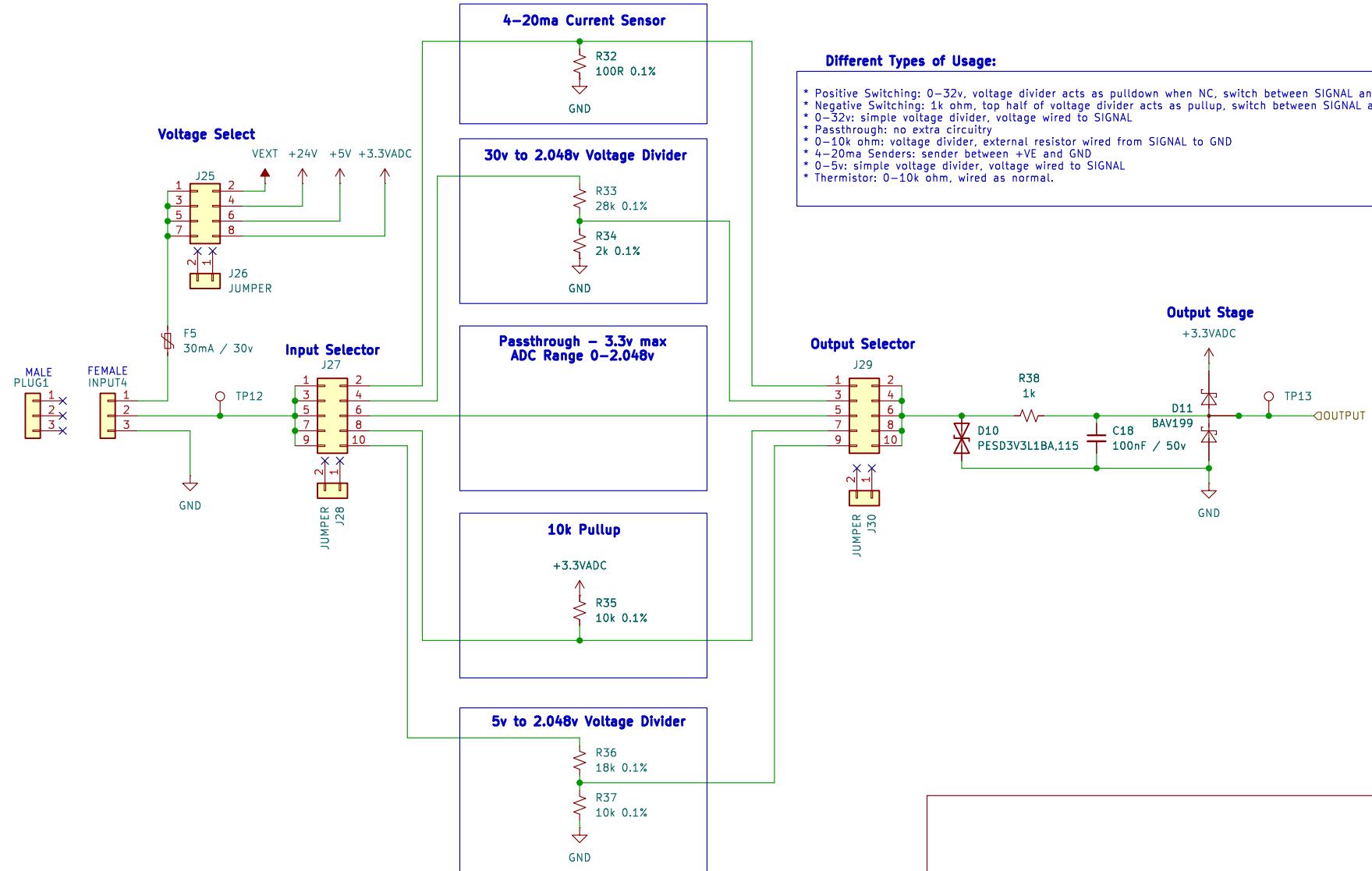
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File: analog\_channel.kicad\_sch

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

Size: A4 Date: 2025-08-28

KiCad E.D.A. 9.0.6

Rev: C  
Id: 10/14



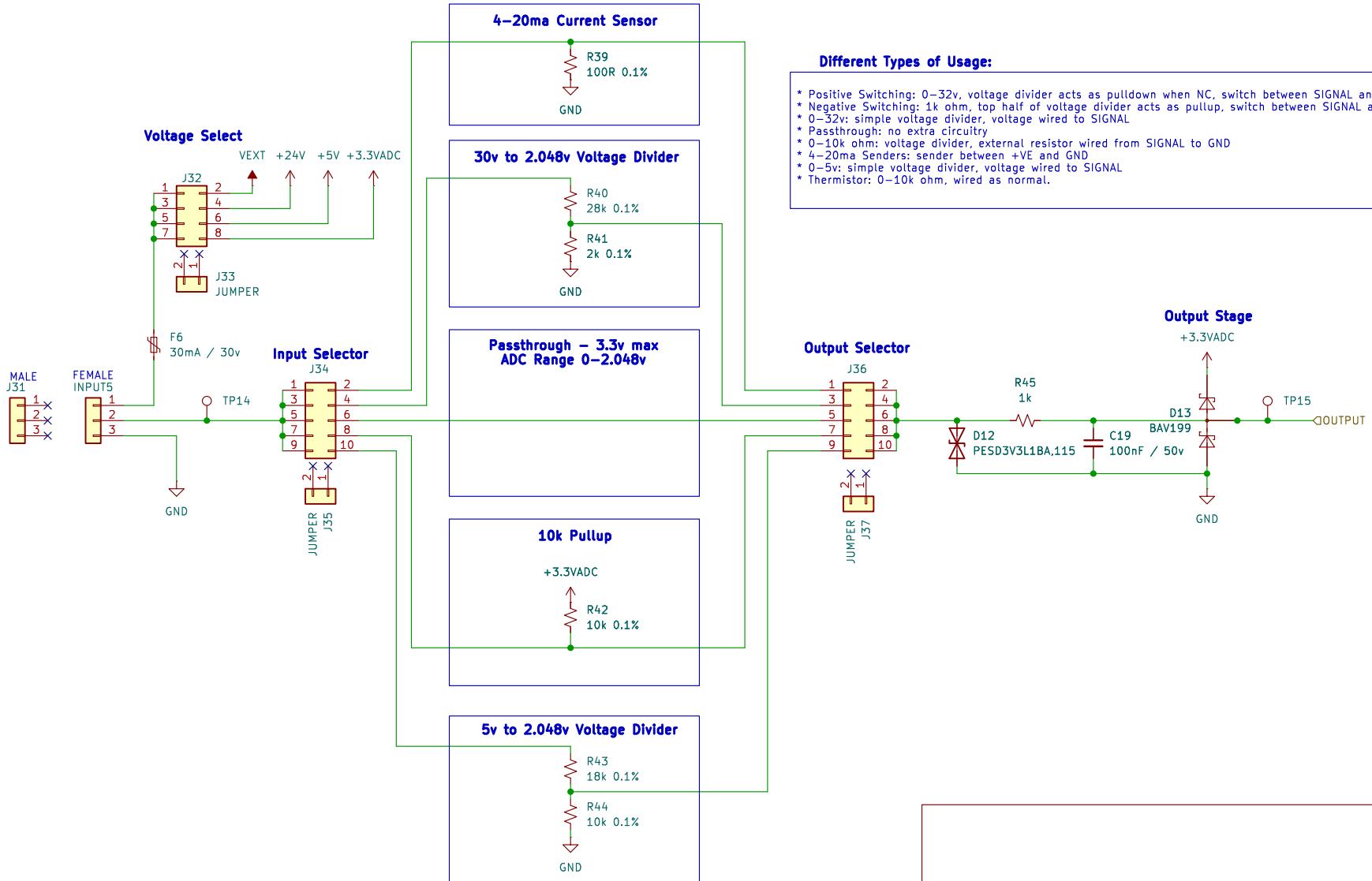
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Title: <https://github.com/hoeken/sendit>

Size: A4 Date: 2025–08–28

KiCad E.D.A. 9.0.6

Rev: C  
Id: 17/14



Sheet: /Analog Channel 4/  
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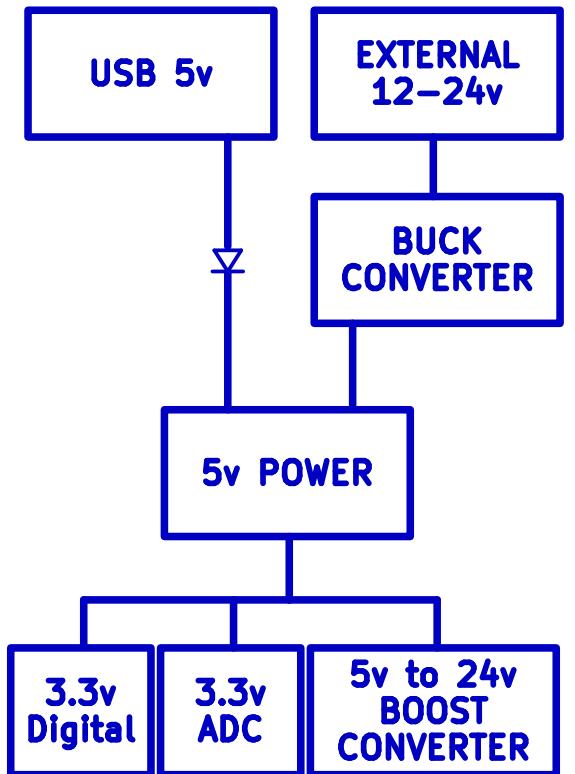
Title: <https://github.com/hoeken/sendit>

Size: A4 Date: 2025-08-28

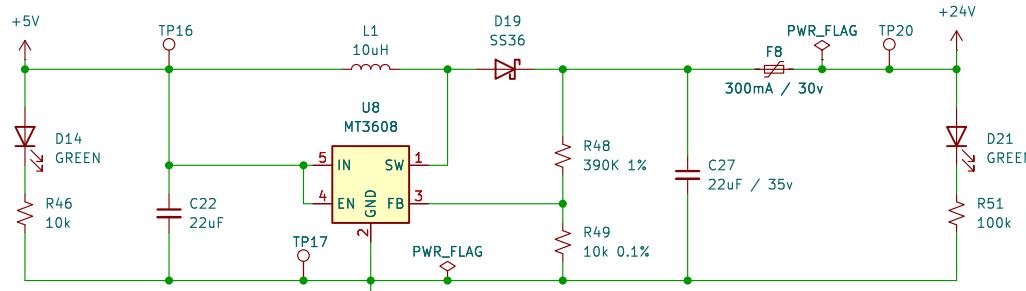
KiCad E.D.A. 9.0.6

Rev: C  
Id: 24/14

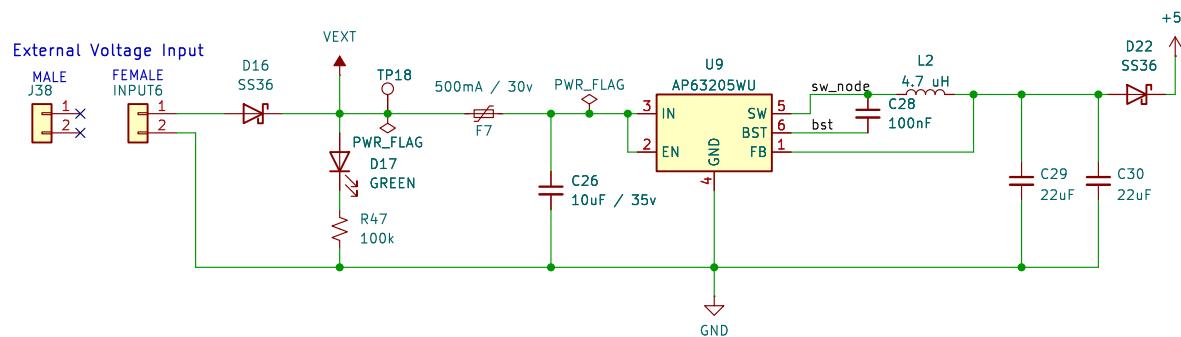
# POWER TOPOLOGY



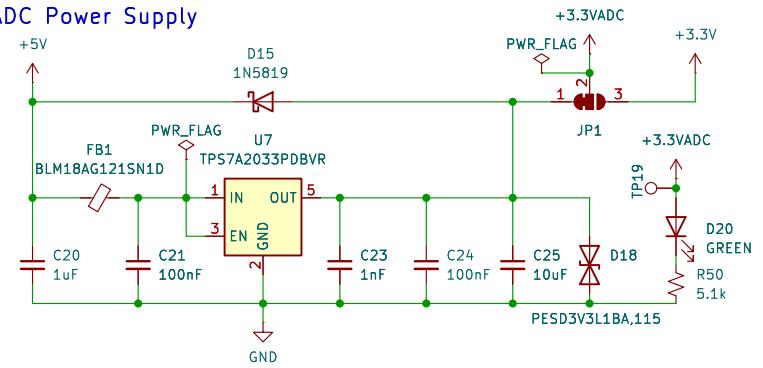
5V to 24V Boost Converter



24v to 5v Buck Converter



ADC Power Supply



Sheet: /Power Supply/  
File: power\_supply.kicad\_sch

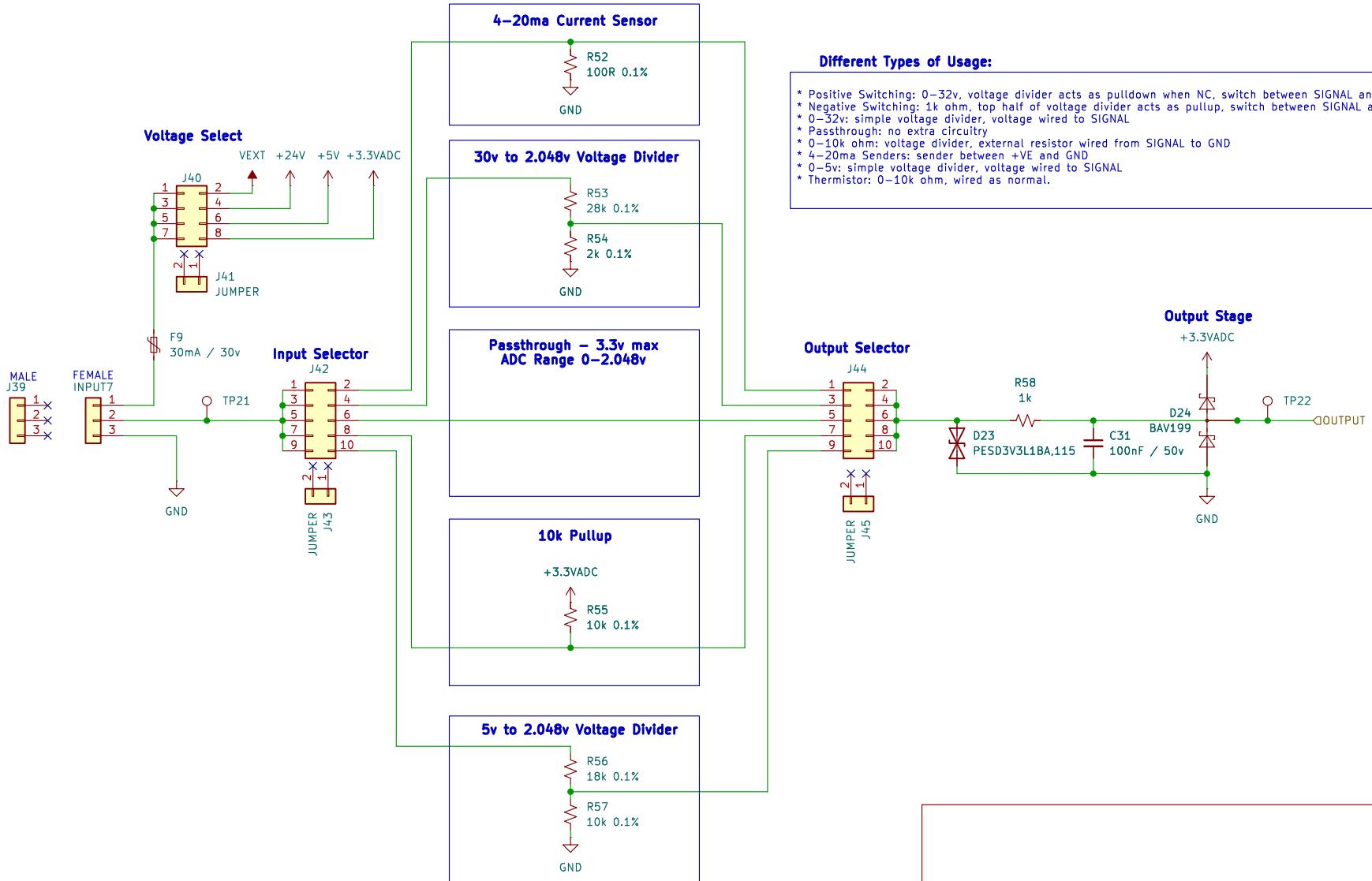
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Size: A4 Date: 2025-08-28

KiCad E.D.A. 9.0.6

Rev: C

Id: 27/14



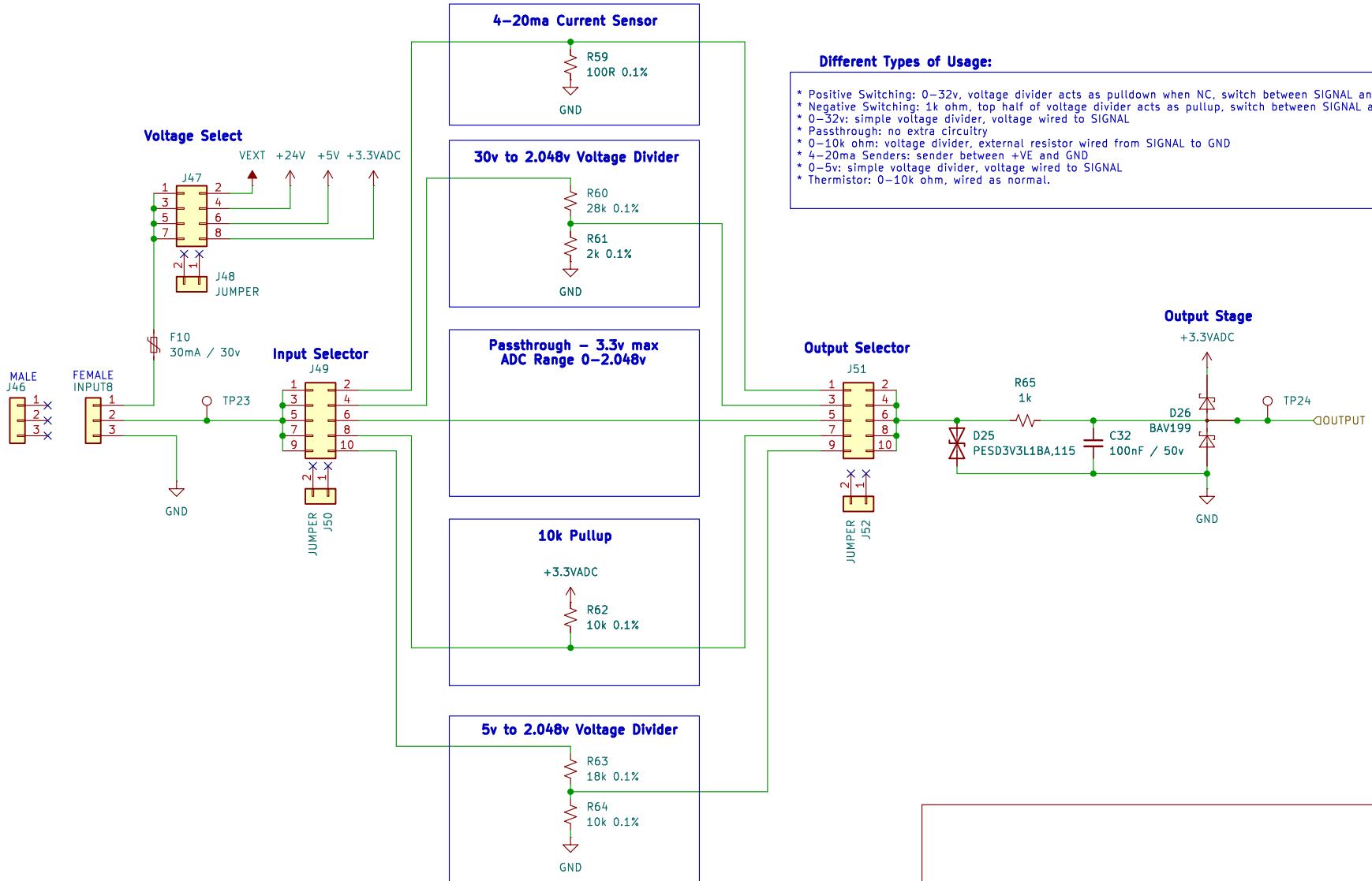
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File: analog\_channel.kicad\_sch

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

Size: A4 Date: 2025-08-28

KiCad E.D.A. 9.0.6

Rev: C  
Id: 30/14



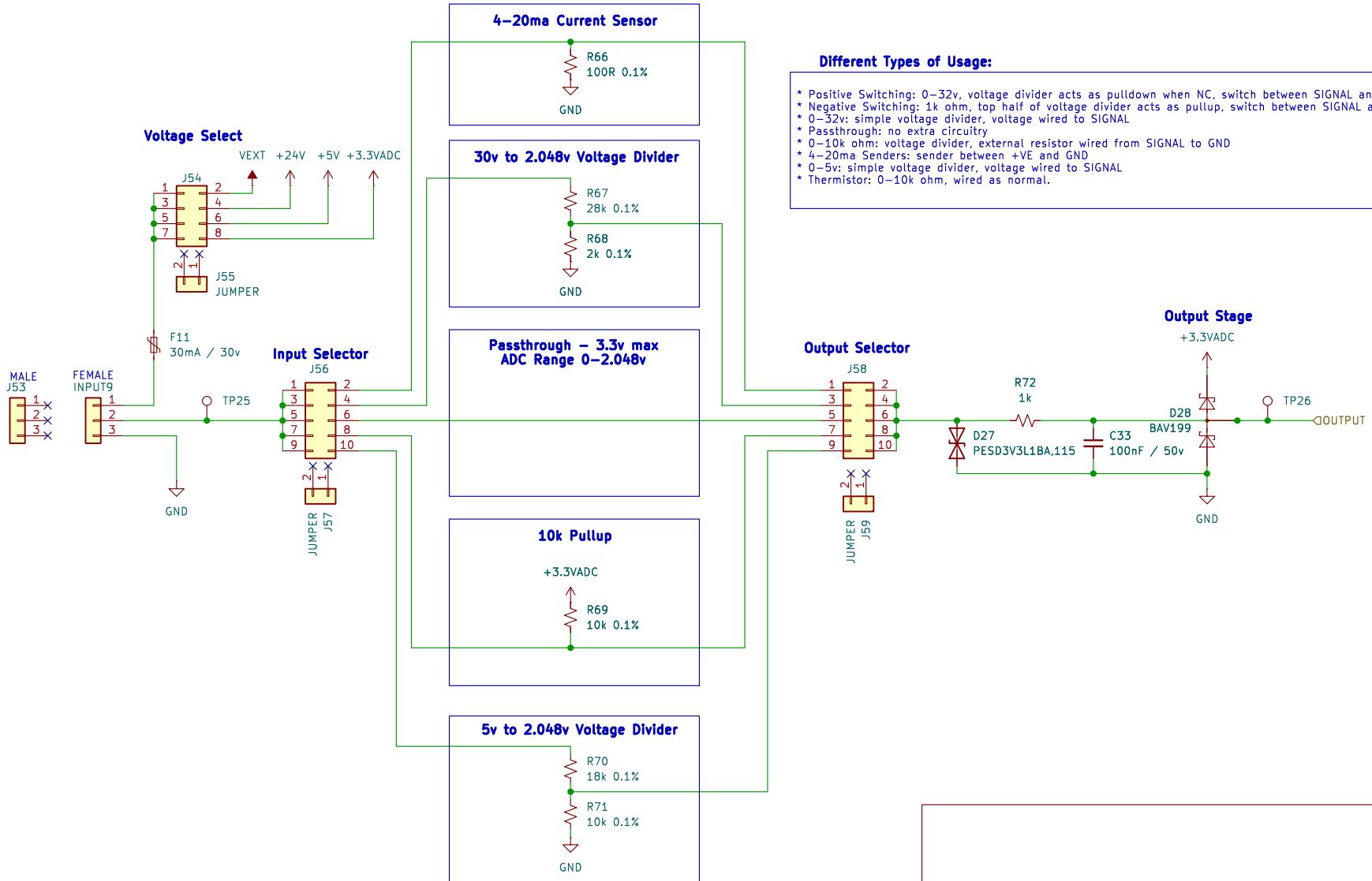
Sheet: /Analog Channel 7/  
File: analog\_channel.kicad\_sch

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