

CPU: ESP32 WROOM  
2-8 ADC channels based on ADS1292(8)

MIREA

Sheet: /  
File: MYOCELL8.kicad\_sch

**Title: MYOCELL 8: EMG ADC board**

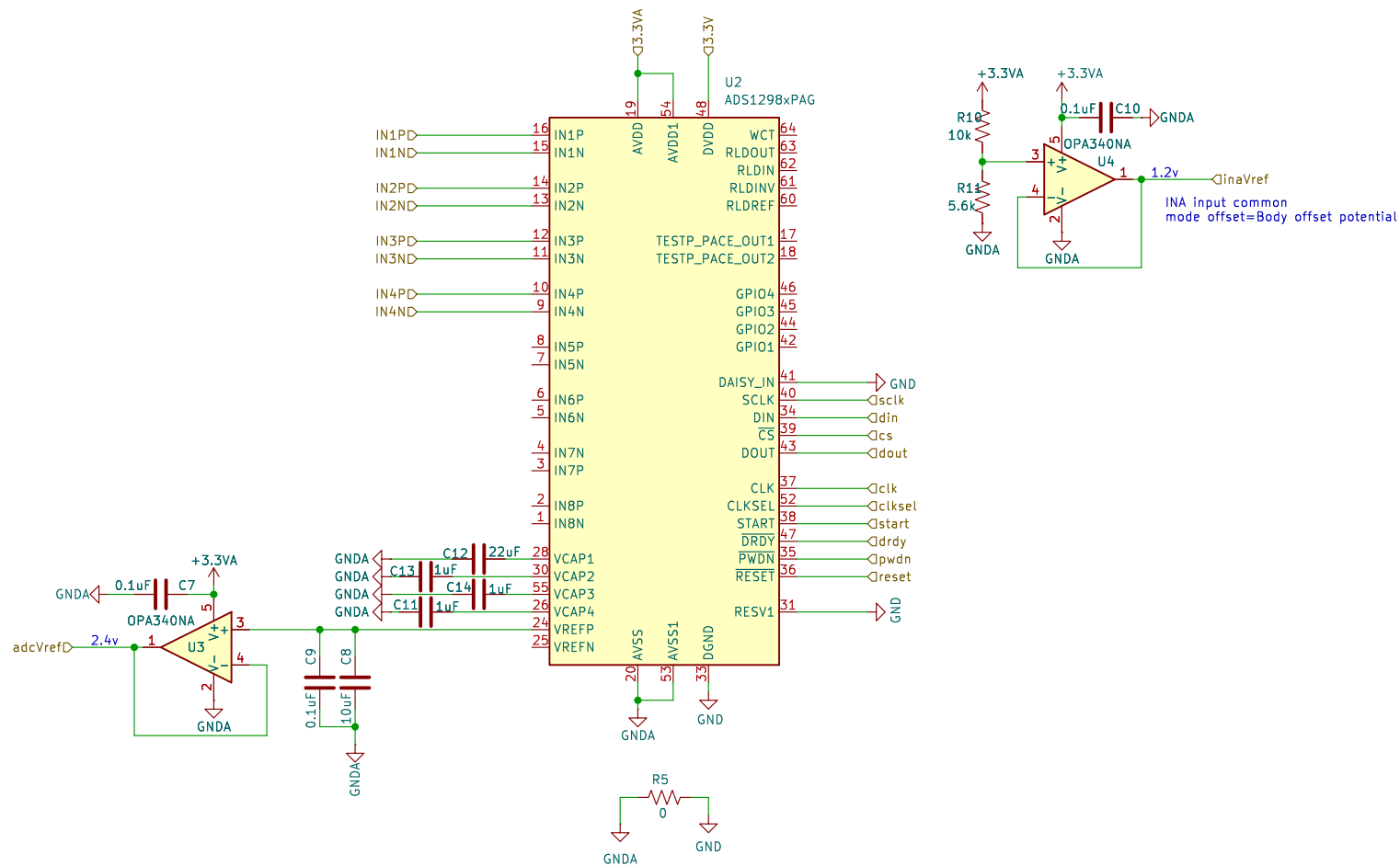
Size: A4

Date: 2024-10-17

Rev: Rev 01

KiCad E.D.A. 8.0.5

Id: 1/5



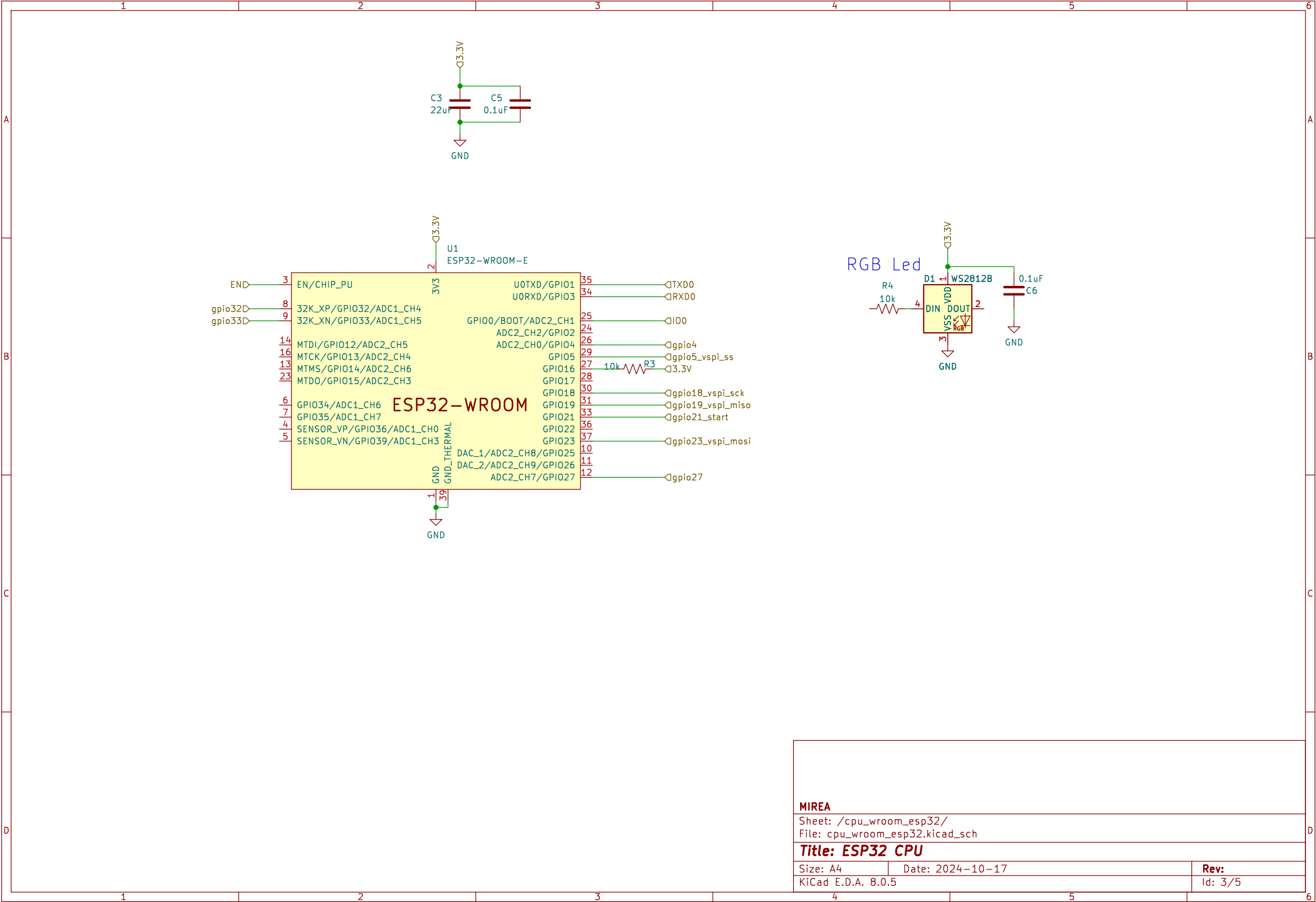
Sheet: /adc\_8/  
File: adc\_8.kicad\_sch

# **Title: 8 channel ADC**

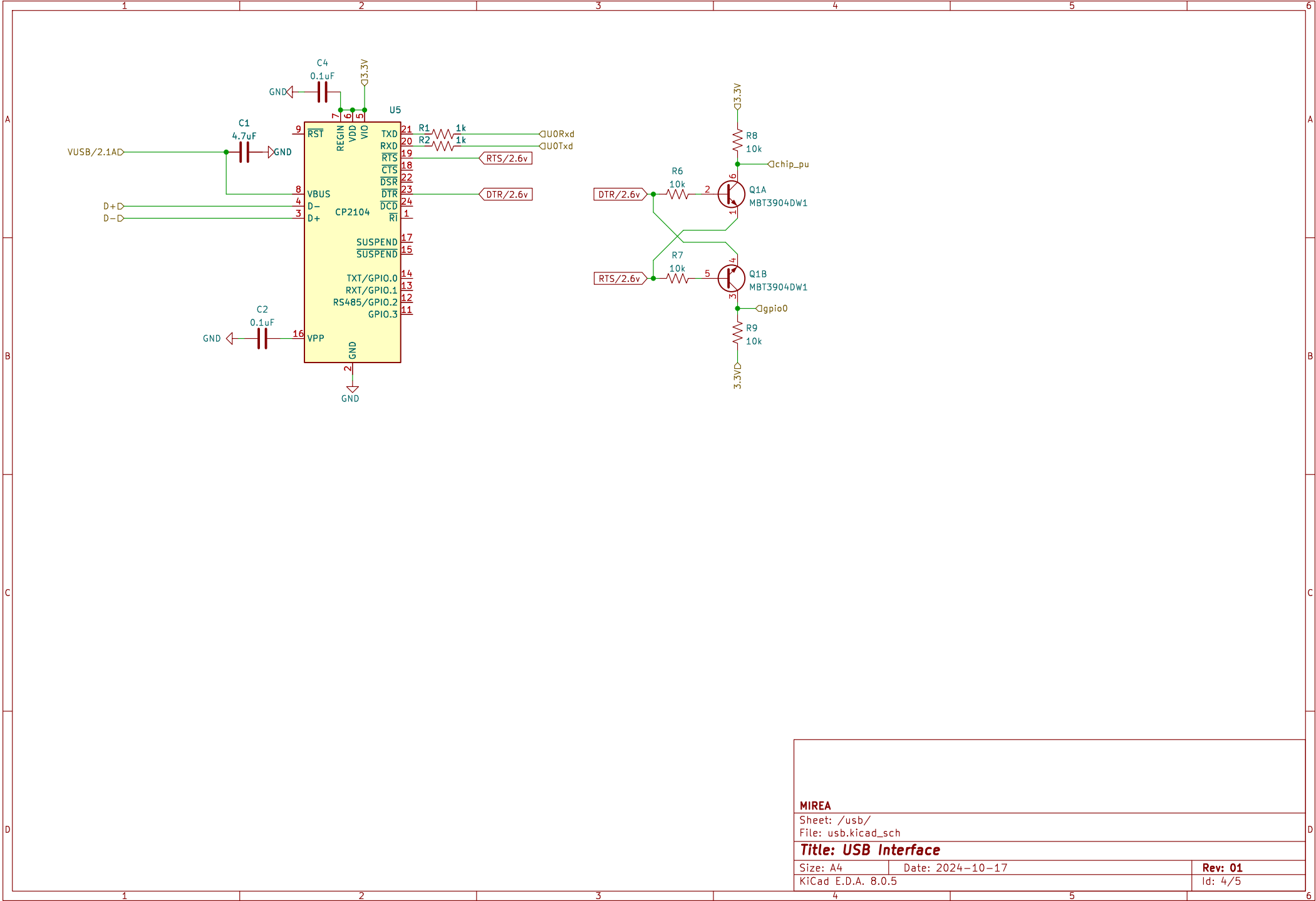
Size: A4 Date: 2024-10-17

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Rev:  
Id: 2/5



MIREA		
Sheet: /cpu_wroom_esp32/		
File: cpu_wroom_esp32.kicad_sch		
Title: ESP32 CPU		
Size: A4	Date: 2024-10-17	Rev:
KiCad E.D.A. 8.0.5	Id: 3/5	



MIREA

Sheet: /usb/  
File: usb.kicad\_sch

**Title: USB Interface**

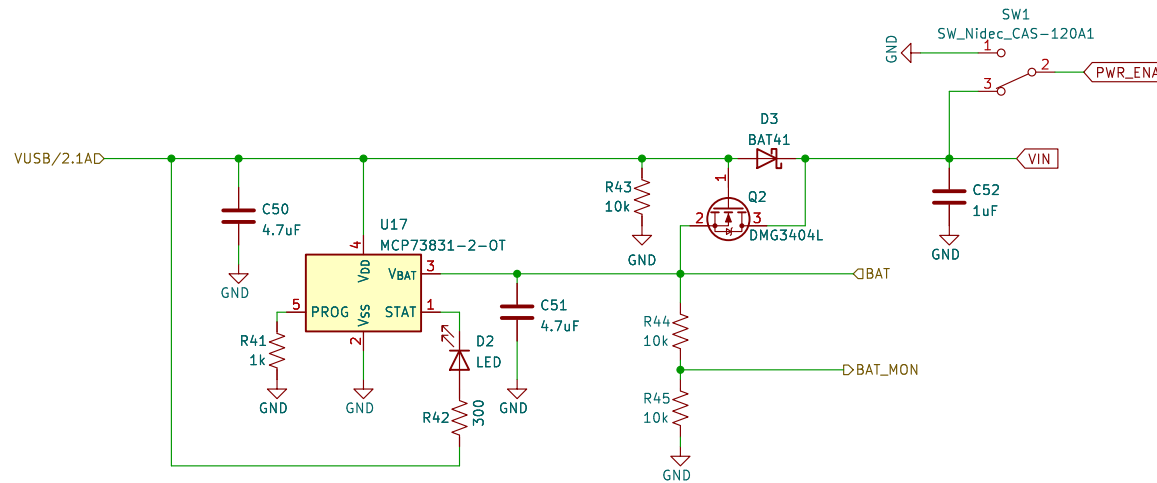
Size: A4

Date: 2024-10-17

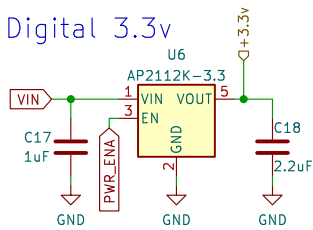
KiCad E.D.A. 8.0.5

Rev: 01

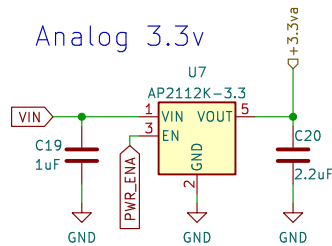
Id: 4/5



Digital 3.3v



Analog 3.3v



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

**Title: Power supply**

Size: A4 Date: 2024-10-17

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**Rev: 1**

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