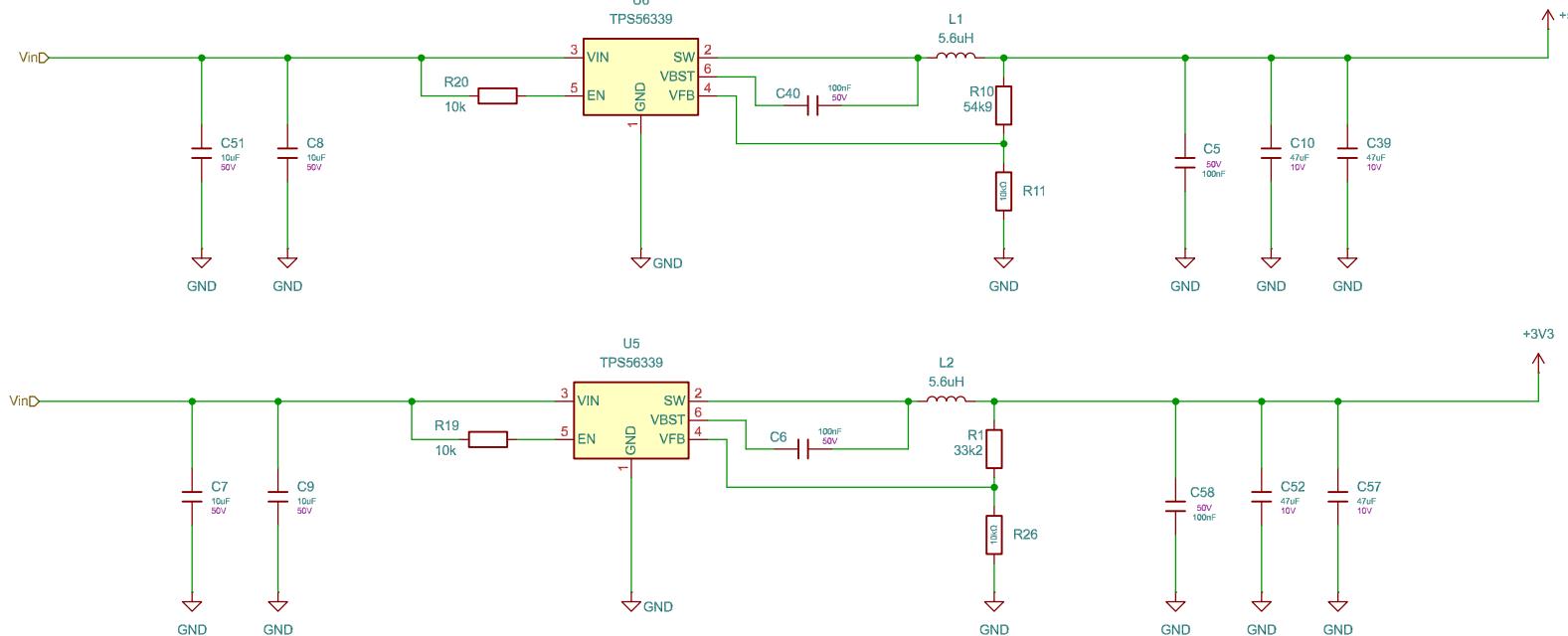


**DC-DC 5v + 3v3 LDO**



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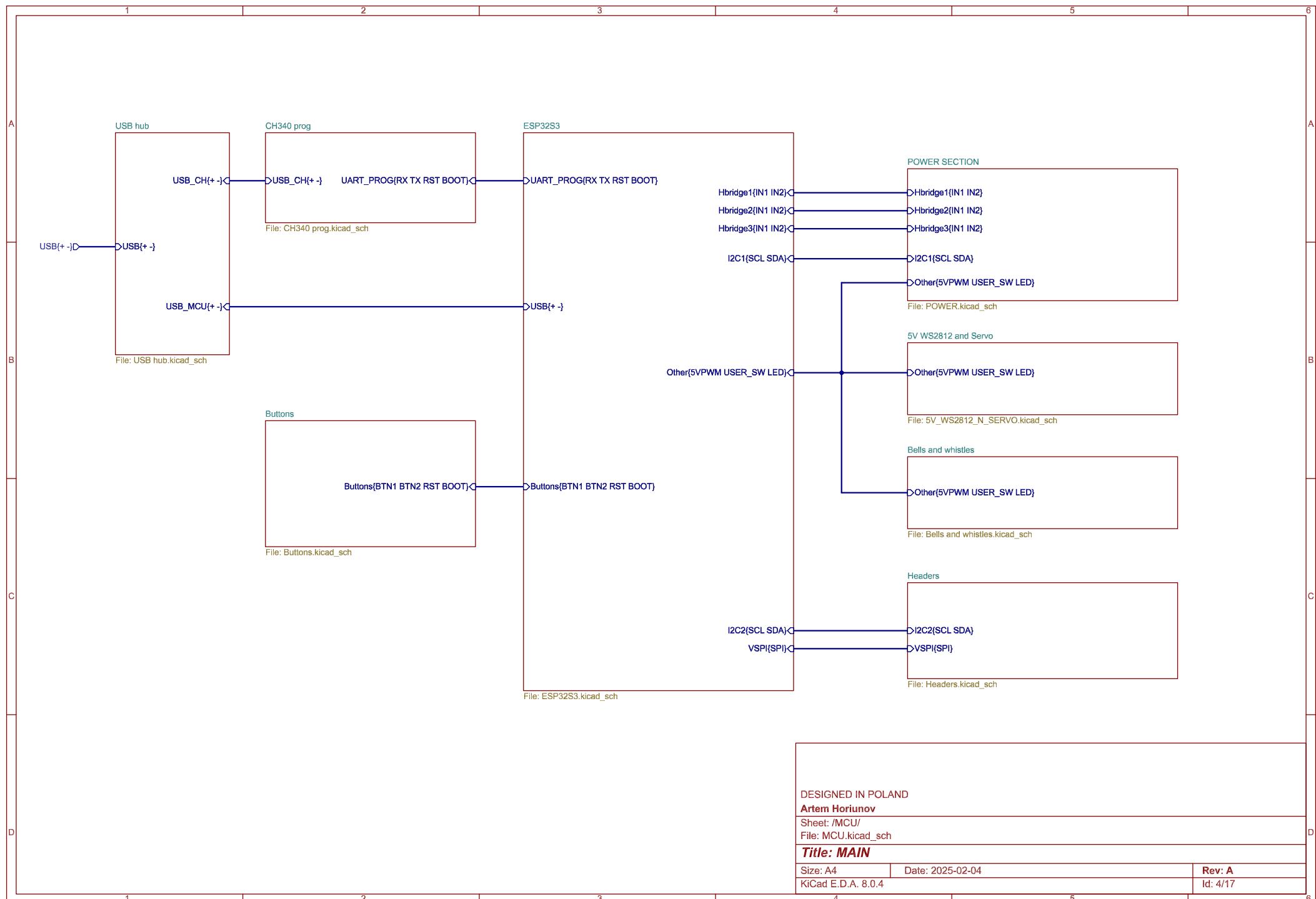
Artem Horiunov

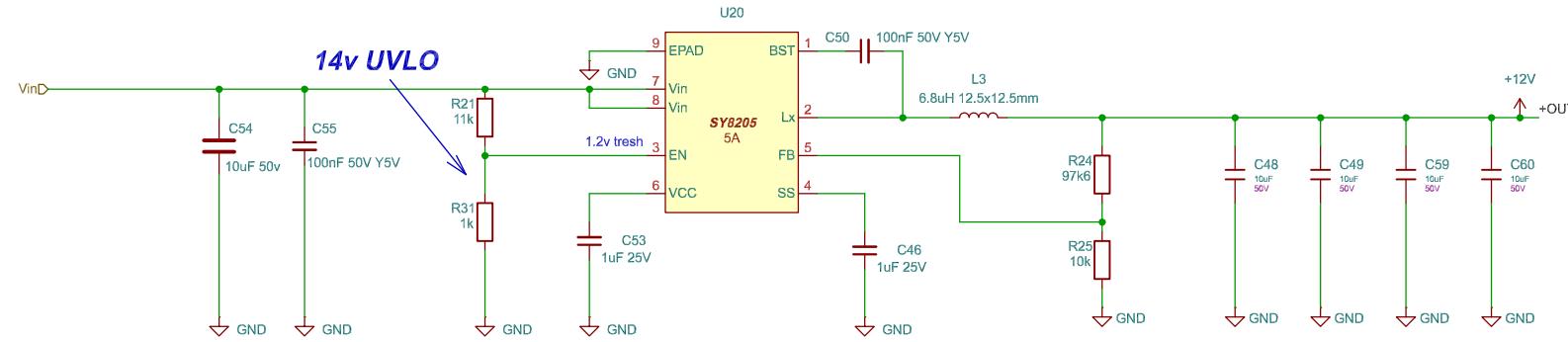
Sheet: /3v3\_buck/  
File: 3v3\_buck.kicad\_sch

**Title: 5v and 3v3 psu**

Size: A4 Date: 2025-02-04  
KiCad E.D.A. 8.0.4

Rev: A  
Id: 3/17





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Sheet: /12V\_BUCK/

File: 12V\_BUCK.kicad\_sch

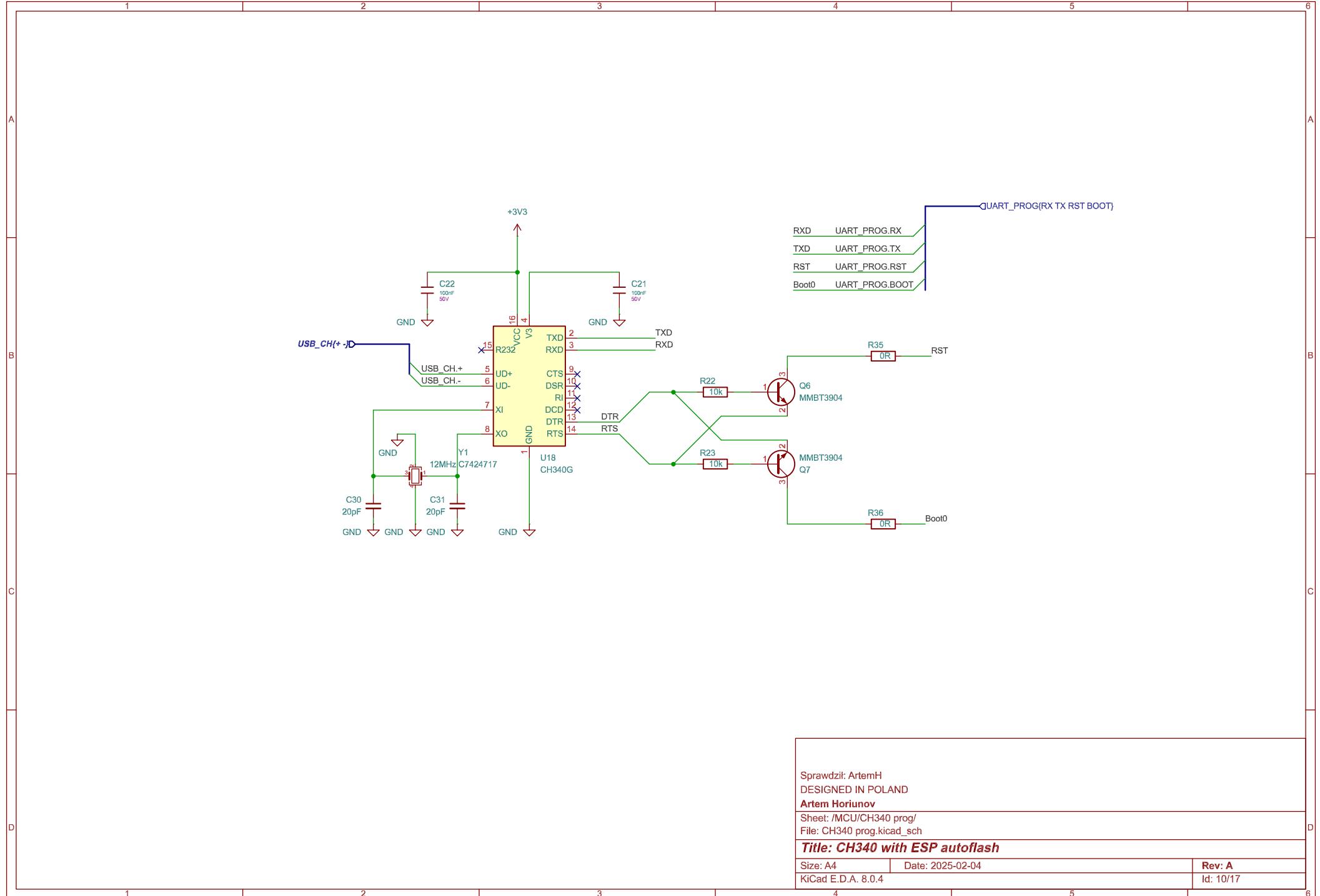
**Title: 12V 5A buck converter**

Size: A4 Date: 2025-02-04

KiCad E.D.A. 8.0.4

Rev: A

Id: 9/17



Sprawdził: ArtemH

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Sheet: /MCU/CH340 prog/

File: CH340 prog.kicad\_sch

**Title: CH340 with ESP autoflash**

Size: A4	Date: 2025-02-04
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KiCad E.D.A. 8.0.4

Rev: A

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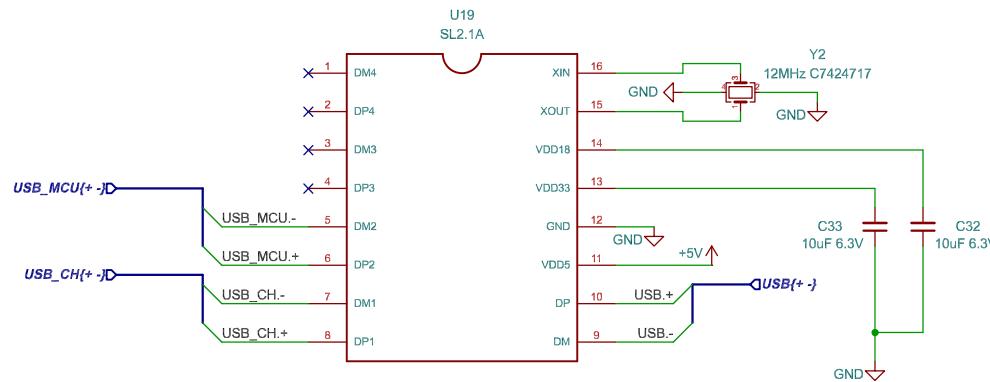
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Sheet: /MCU/USB hub/

File: USB hub.kicad\_sch

**Title: USB 2.1 HUB**

Size: A4 Date: 2025-02-04

KiCad E.D.A. 8.0.4

Rev: A

Id: 11/17

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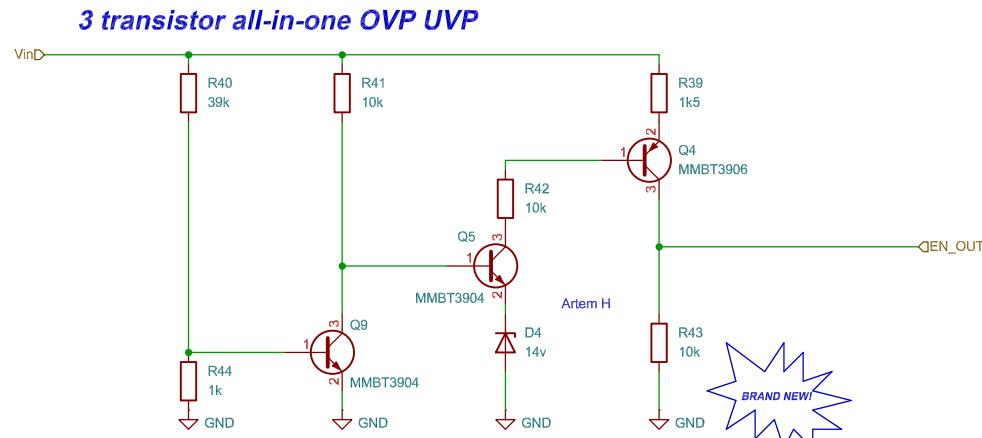
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Artem Horunov

Sheet: /USB\_PD/UVP-OVP/

File: UVP-OVP.kicad\_sch

**Title:**

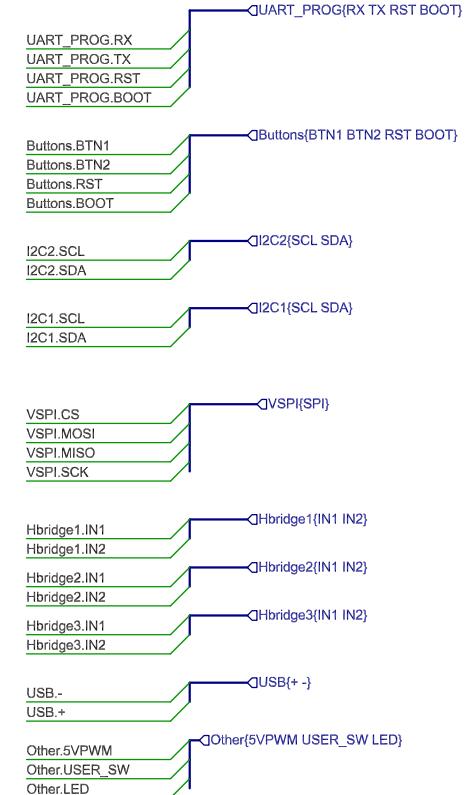
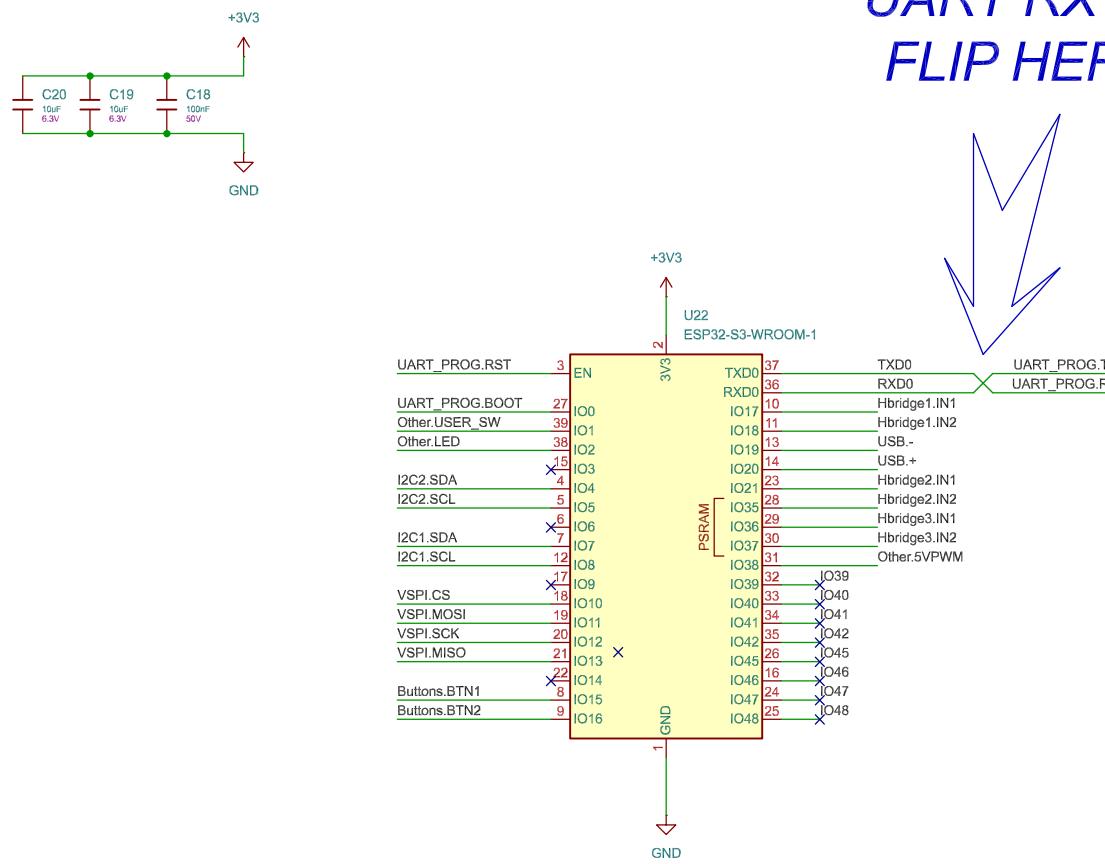
Size: A4 Date: 2025-02-04

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# UART RX TX FLIP HERE



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Sheet: /MCU/ESP32S3/

File: ESP32S3.kicad\_sch

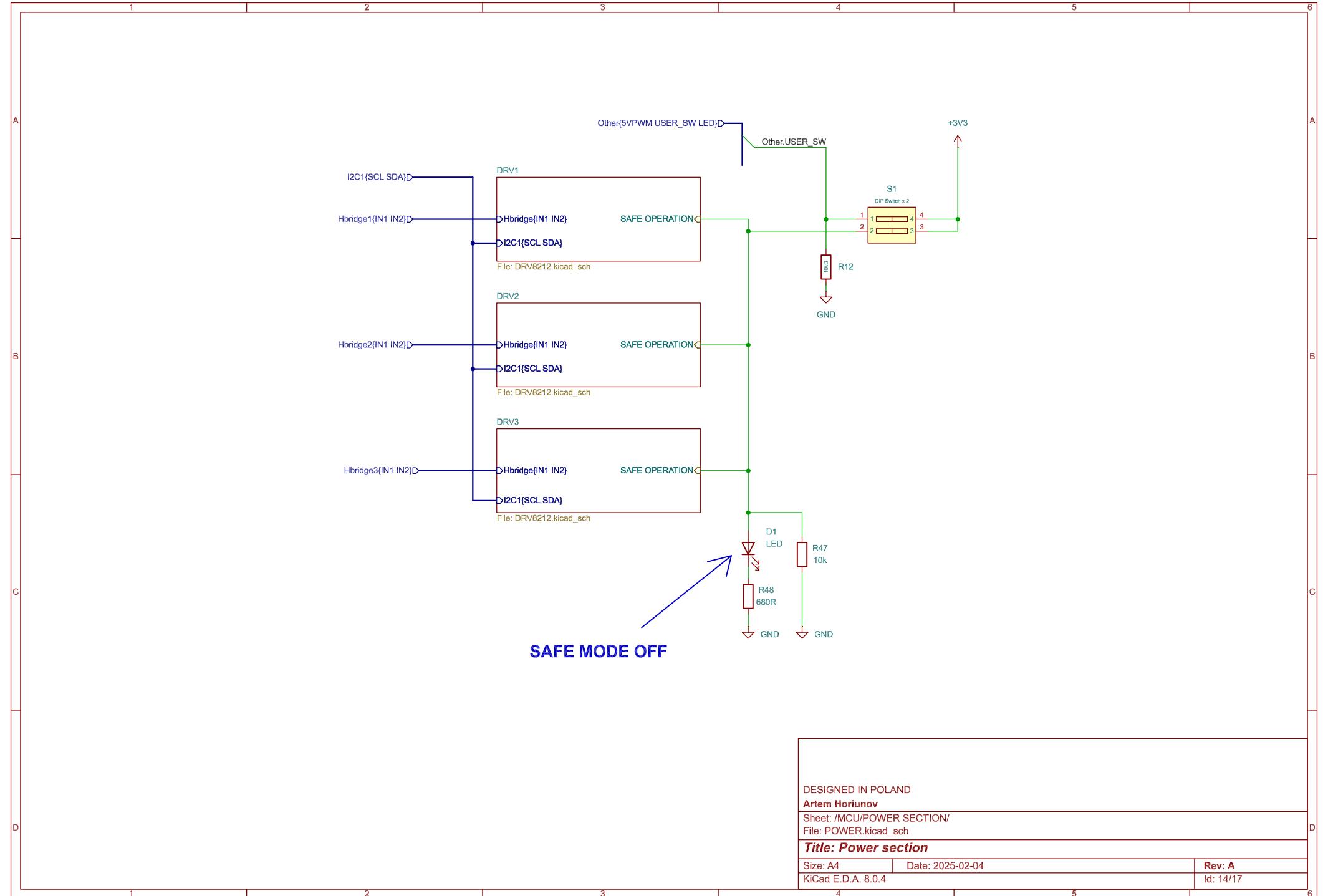
**Title: ESP32S3 WROOM1**

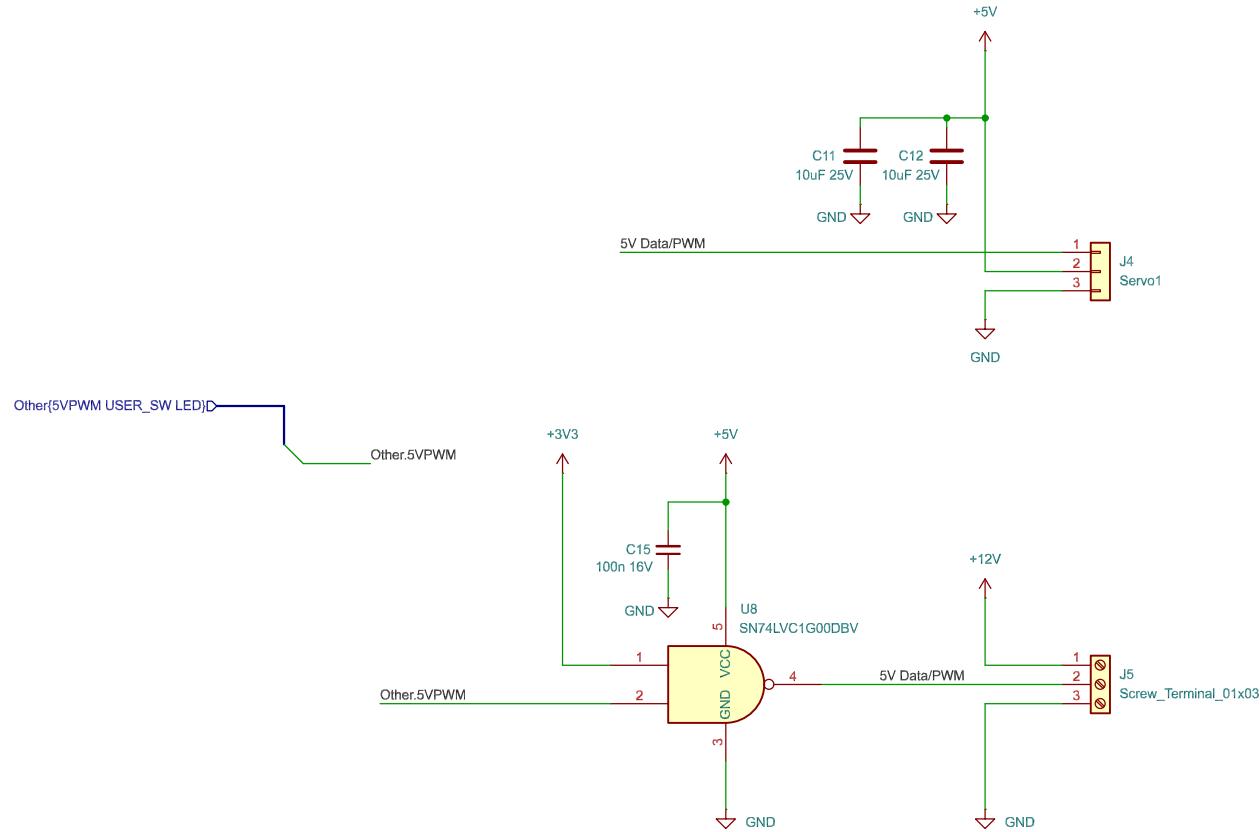
Size: A4 Date: 2025-02-04

KiCad E.D.A. 8.0.4

Rev: A

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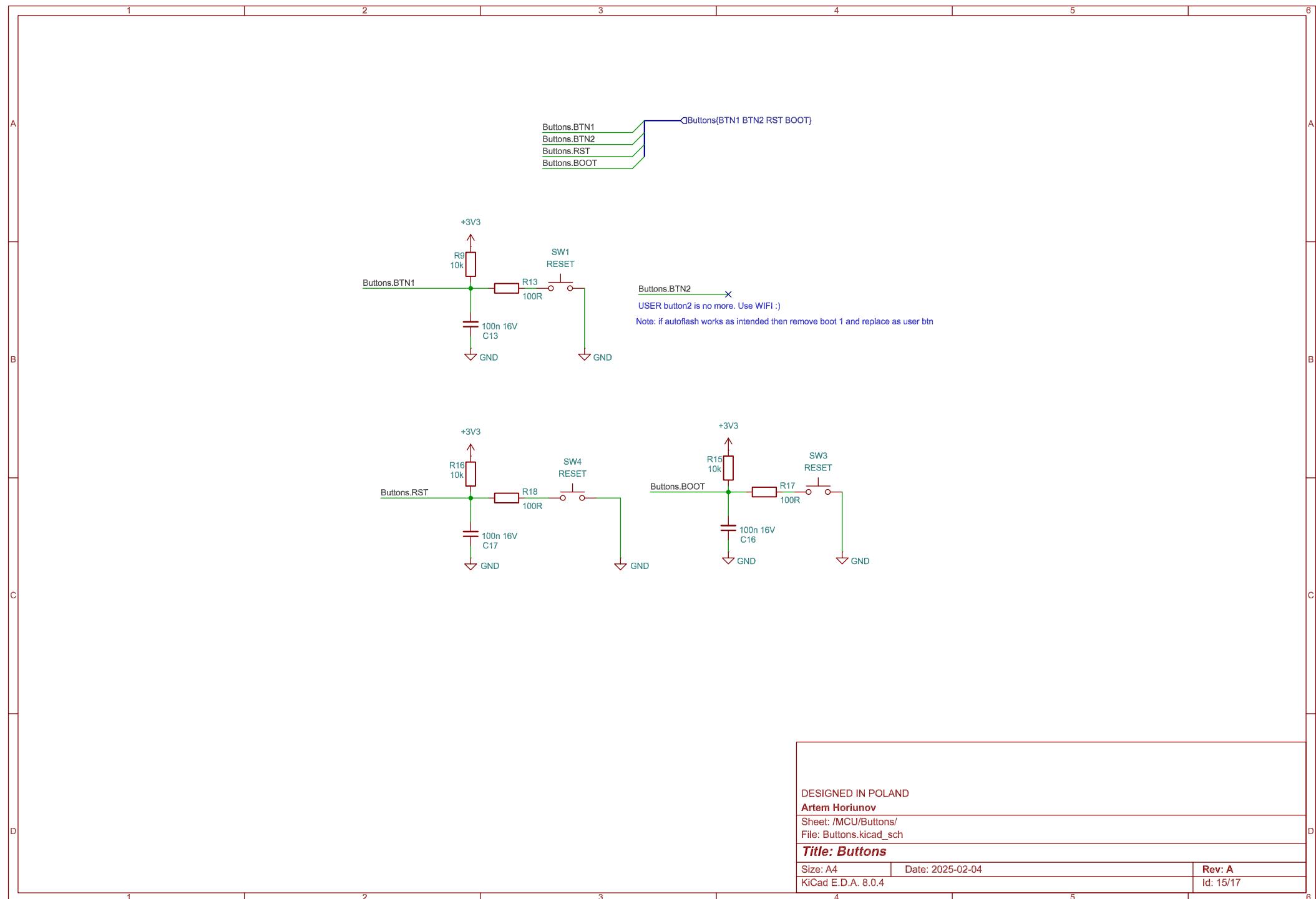
Sheet: /MCU/5V WS2812 and Servo/  
File: 5V\_WS2812\_N\_SERVO.kicad\_sch

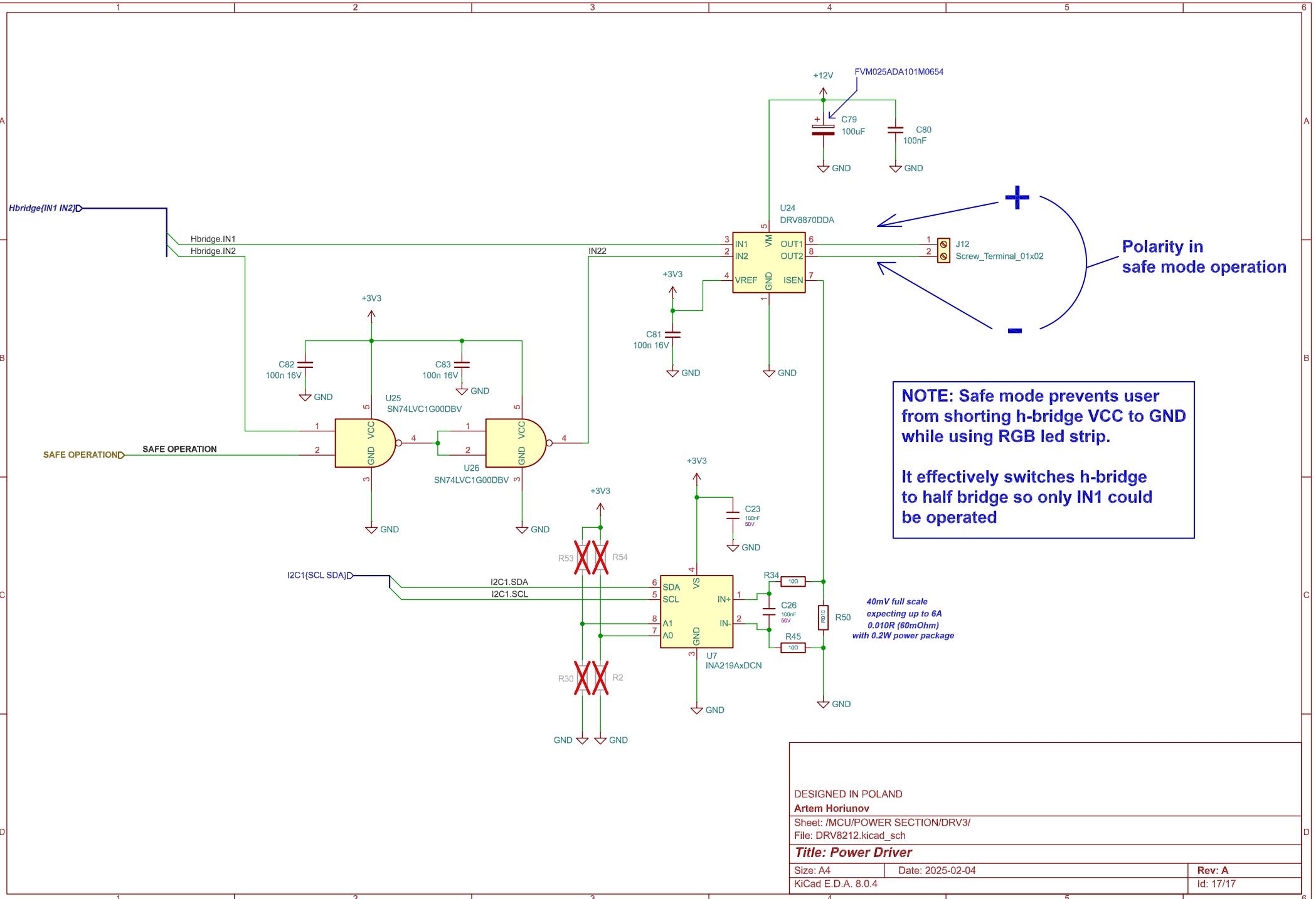
**Title: Servo/5v PWM out**

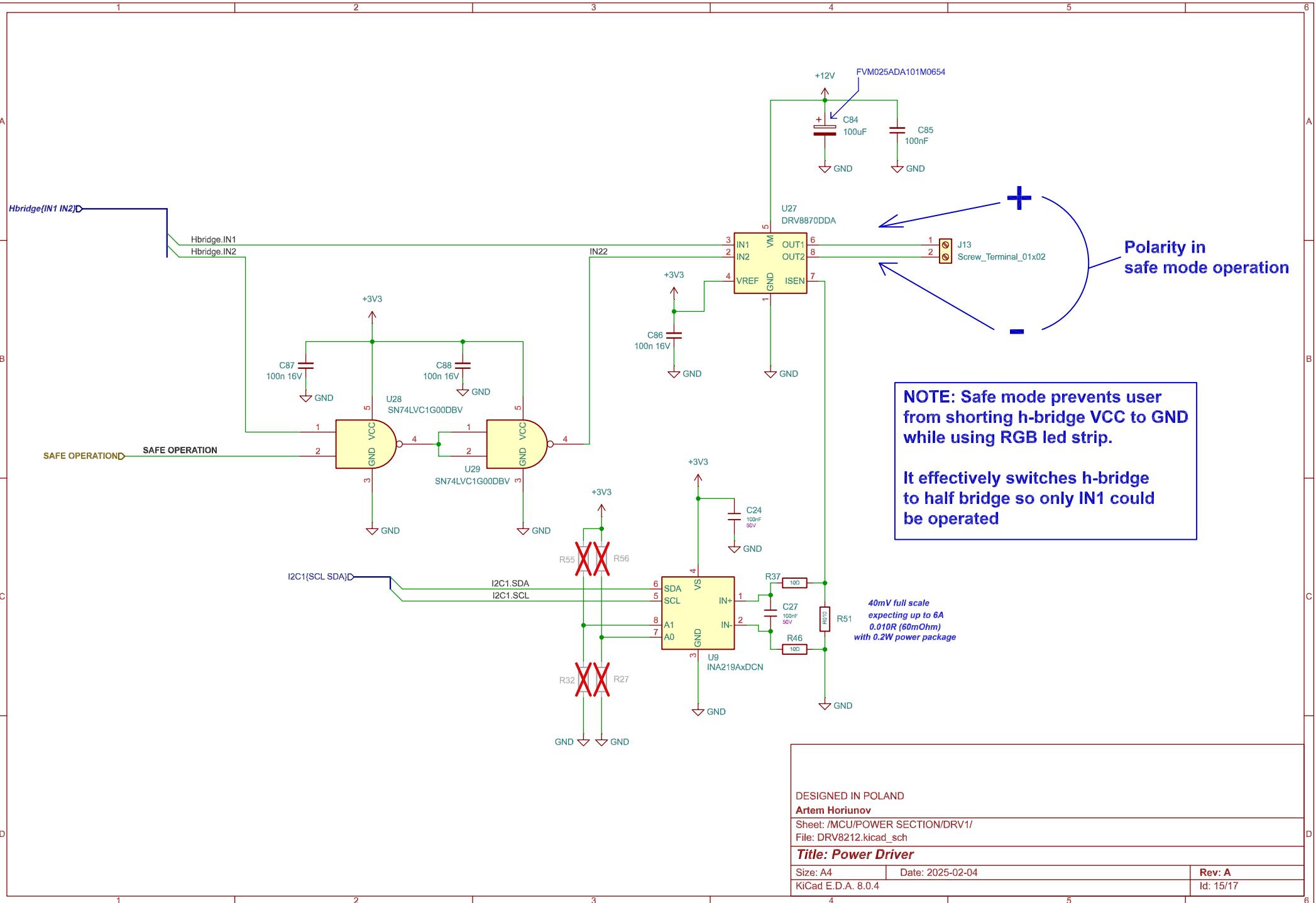
Size: A4 Date: 2025-02-04

KiCad E.D.A. 8.0.4

Rev: A  
Id: 14/17







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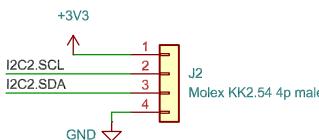
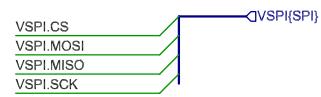
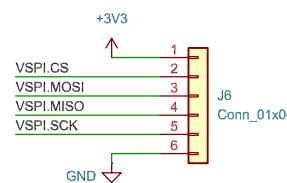
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Sheet: /MCU-Headers/

File: Headers.kicad\_sch

**Title: MCU Headers**

Size: A4 Date: 2025-02-04

KiCad E.D.A. 8.0.4

Rev: A

Id: 16/17

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