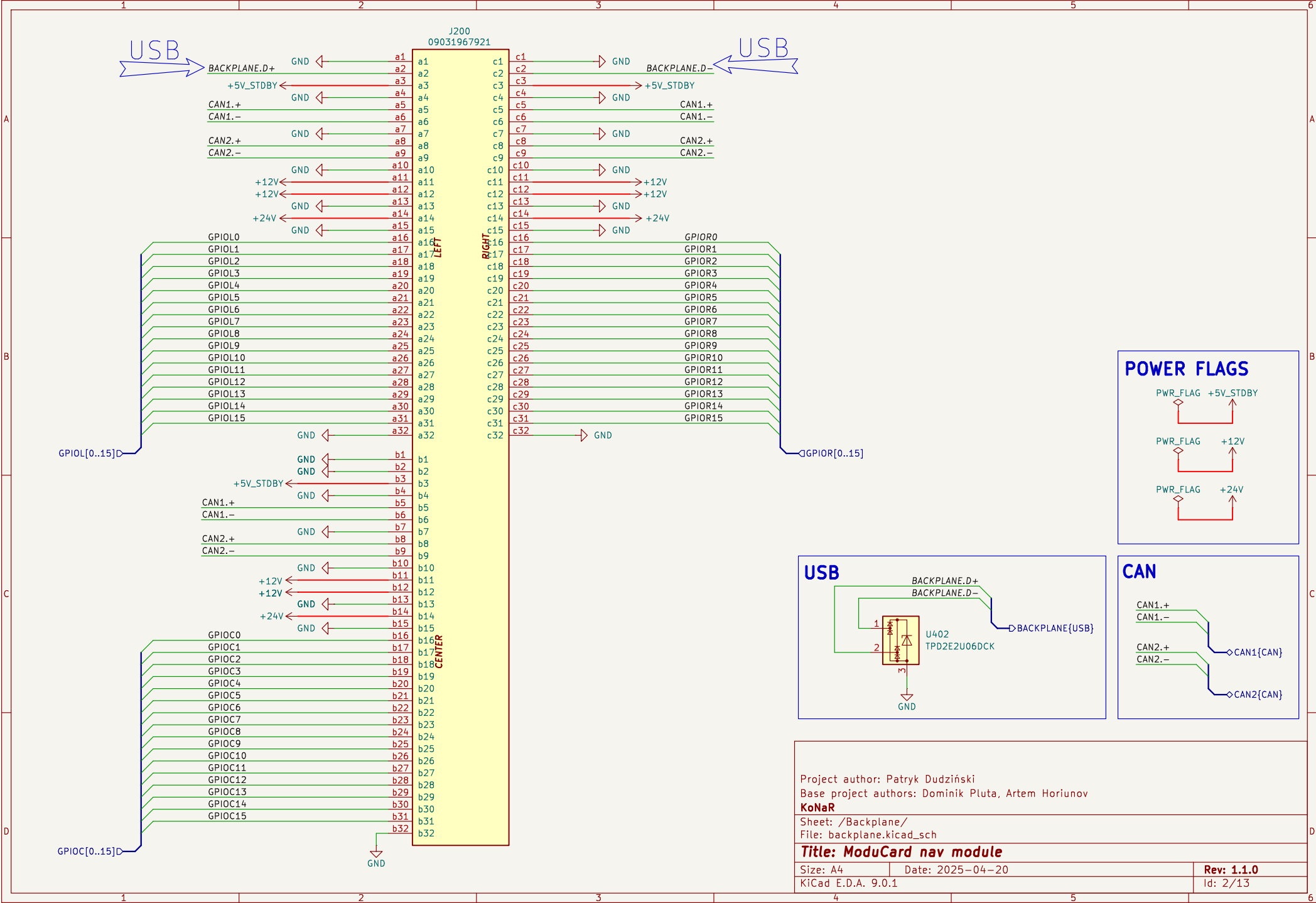


Project author: Patryk Dudziński  
Base project authors: Dominik Pluta, Artem Horiunov  
**KoNaR**

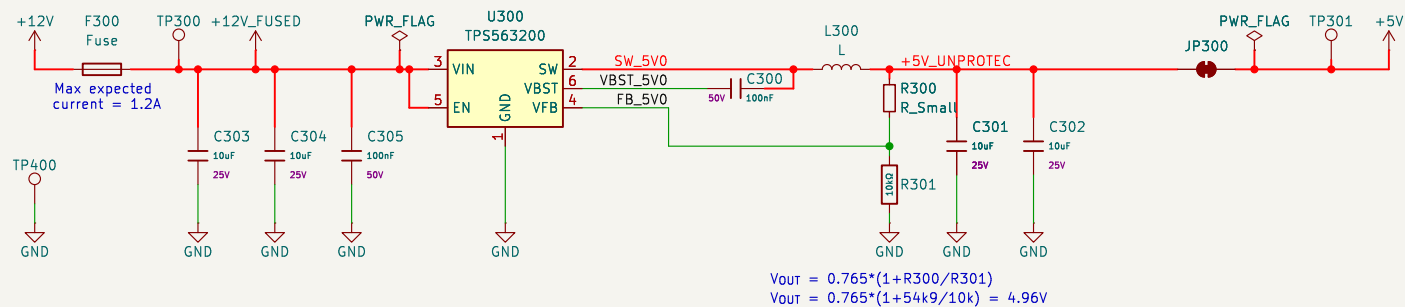
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File: ModuCard-navigation-module.kicad\_sch

**Title: ModuCard nav module**

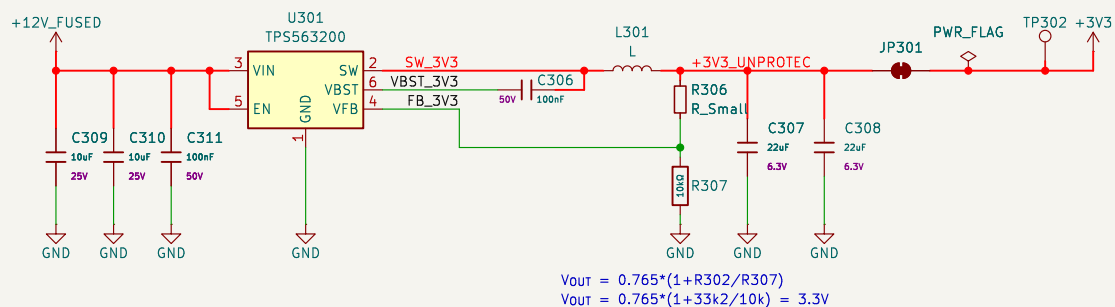
Size: A4	Date: 2025-04-20	Rev: 1.1.0
KiCad E.D.A. 9.0.1		Id: 1/13



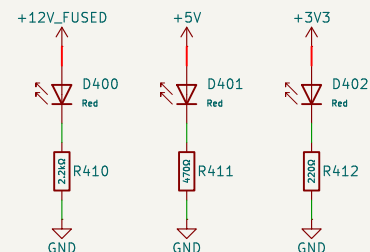
## 5V DC/DC CONVERTER



## 3V3 DC/DC CONVERTER



## POWER INDICATOR LEDs



Project author: Patryk Dudziński  
Base project authors: Dominik Pluta, Artem Horiunov  
**KoNaR**

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

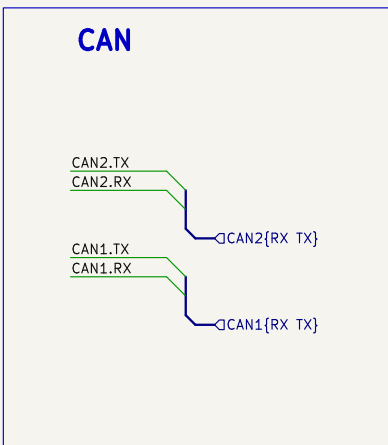
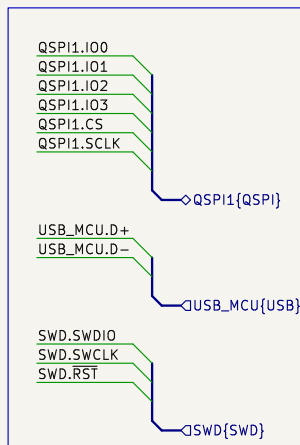
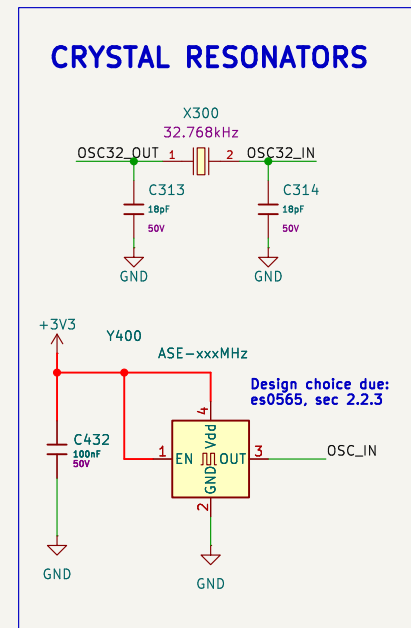
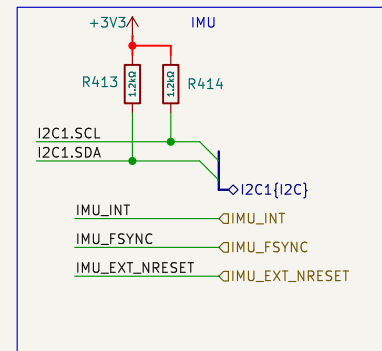
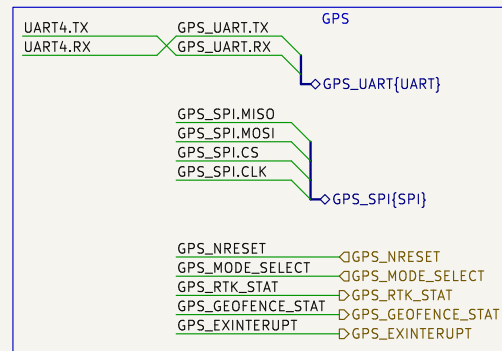
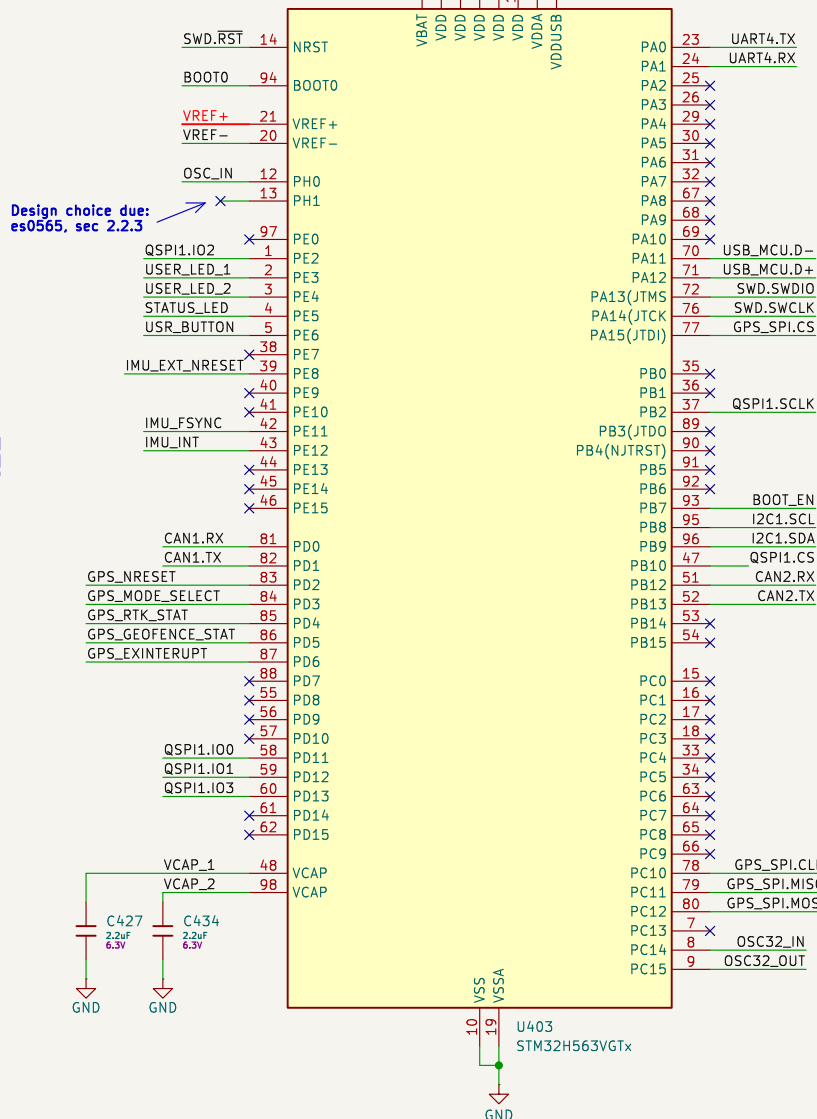
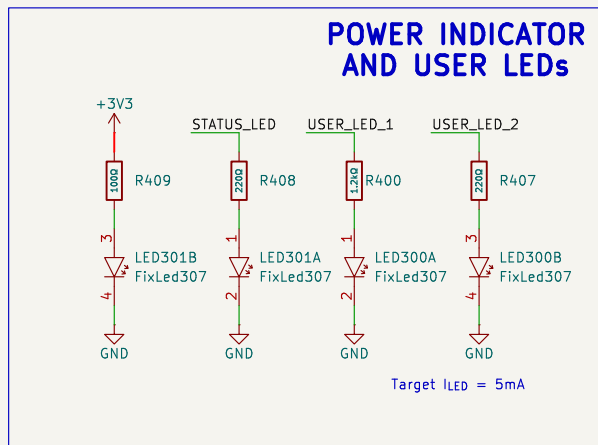
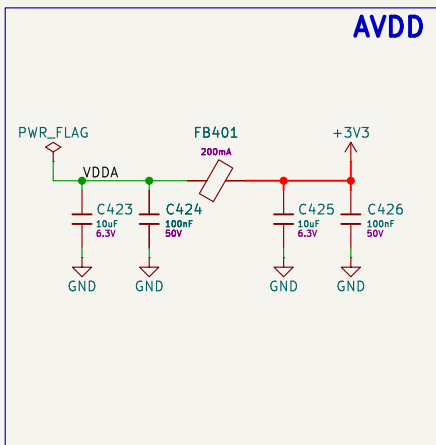
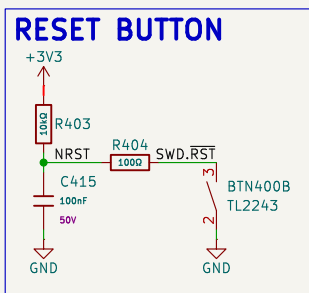
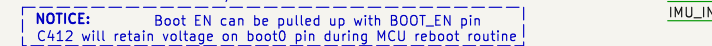
**Title: ModuCard nav module**

Size: A4 Date: 2025-04-20

KiCad E.D.A. 9.0.1

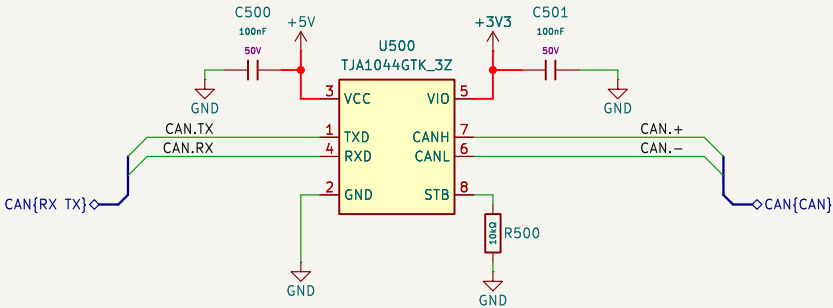
**Rev: 1.1.0**

Id: 3/13



Project author: Patryk Dudziński	
Base project authors: Dominik Pluta, Artem Horionov	
<b>KoNaR</b>	
Sheet: /MCU/	
File: mcu.kicad_sch	
<b>Title: <i>ModuCard nav module</i></b>	
Size: A3	Date: 2025-04-20
KiCad E.D.A. 9.0.1	

CAN TRANSCEIVER



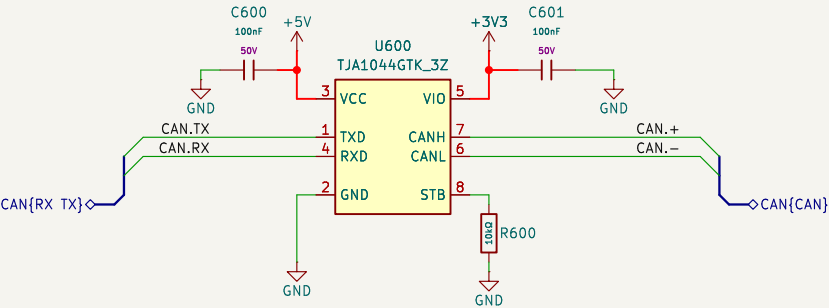
Project author: Patryk Dudziński  
Base project authors: Dominik Pluta, Artem Horiunov  
**KoNaR**

Sheet: /CAN transceiver 1/  
File: can-transceiver.kicad\_sch

**Title: ModuCard nav module**

Size: A4	Date: 2025-04-20	Rev: 1.1.0
KiCad E.D.A. 9.0.1		Id: 5/13

CAN TRANSCEIVER



Project author: Patryk Dudziński  
Base project authors: Dominik Pluta, Artem Horiunov  
**KoNaR**

Sheet: /CAN transceiver 2/  
File: can-transceiver.kicad\_sch

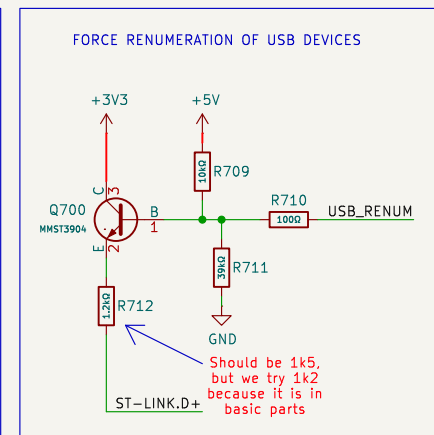
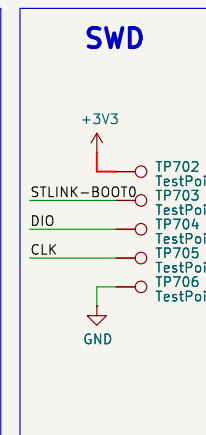
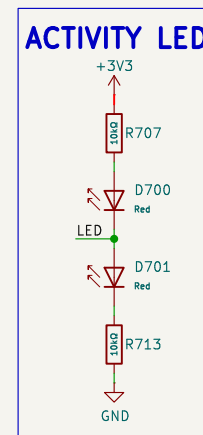
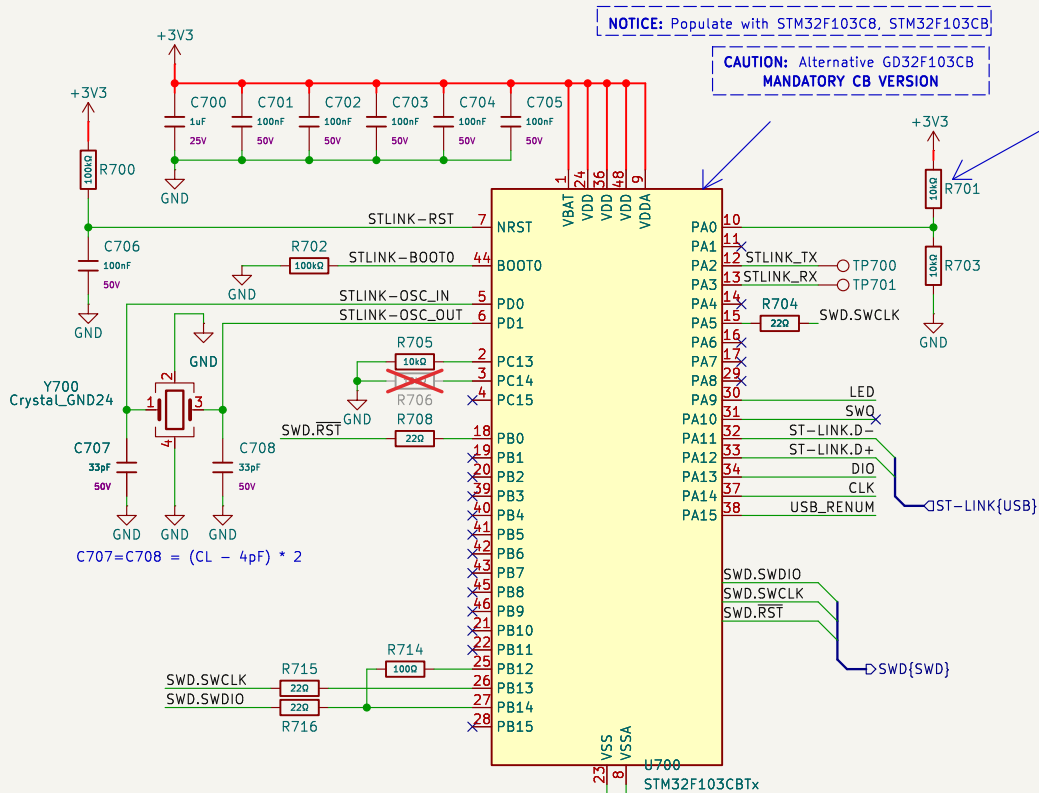
**Title: ModuCard nav module**

Size: A4 Date: 2025-04-20

KiCad E.D.A. 9.0.1

Rev: 1.1.0

Id: 6/13



Do weryfikackji

Credit to:  
<https://github.com/lbthomsen/st-link/tree/master>  
[https://stm32world.com/wiki/DIY\\_STM32\\_Programmer\\_\(ST-Link/V2-1\)](https://stm32world.com/wiki/DIY_STM32_Programmer_(ST-Link/V2-1))  
 for providing amazing reverse engineering of ST-Link

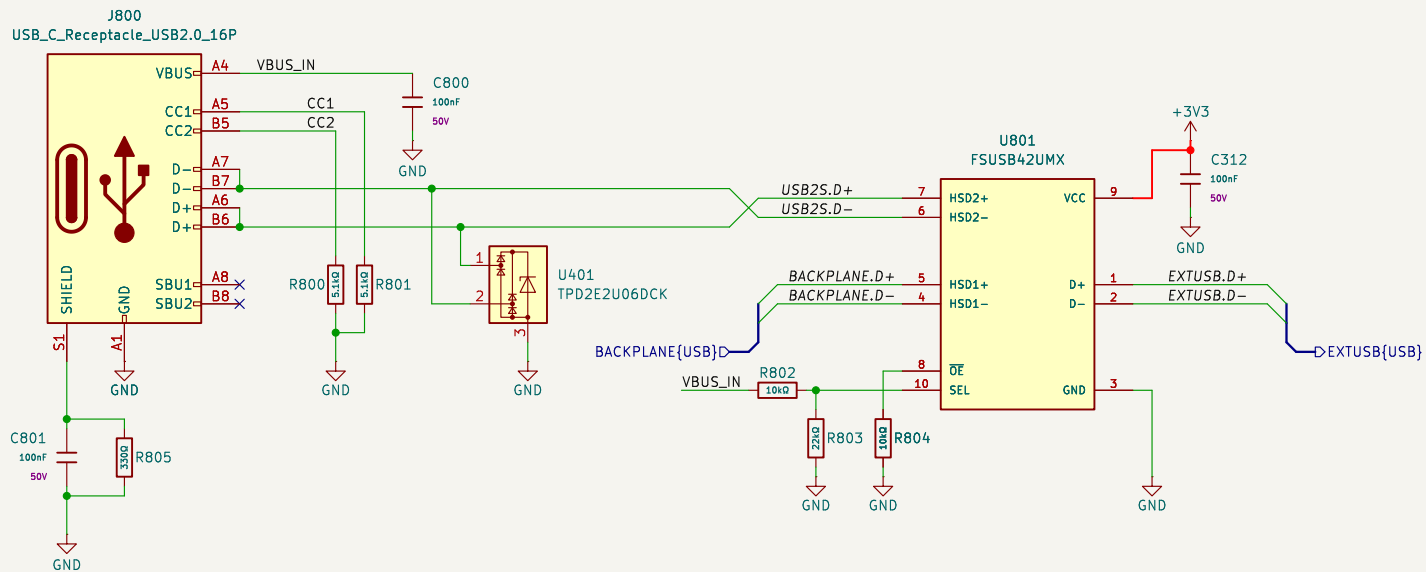
Project author: Patryk Dudziński  
 Base project authors: Dominik Pluta, Artem Horiunov  
**KoNaR**

Sheet: /ST-Link/  
 File: st-link.kicad\_sch

**Title: ModuCard nav module**

Size: A4 Date: 2025-04-20  
 KiCad E.D.A. 9.0.1

Rev: 1.1.0  
 Id: 7/13



Project author: Patryk Dudziński  
Base project authors: Dominik Pluta, Artem Horiunov  
**KoNaR**

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

**Title: ModuCard nav module**

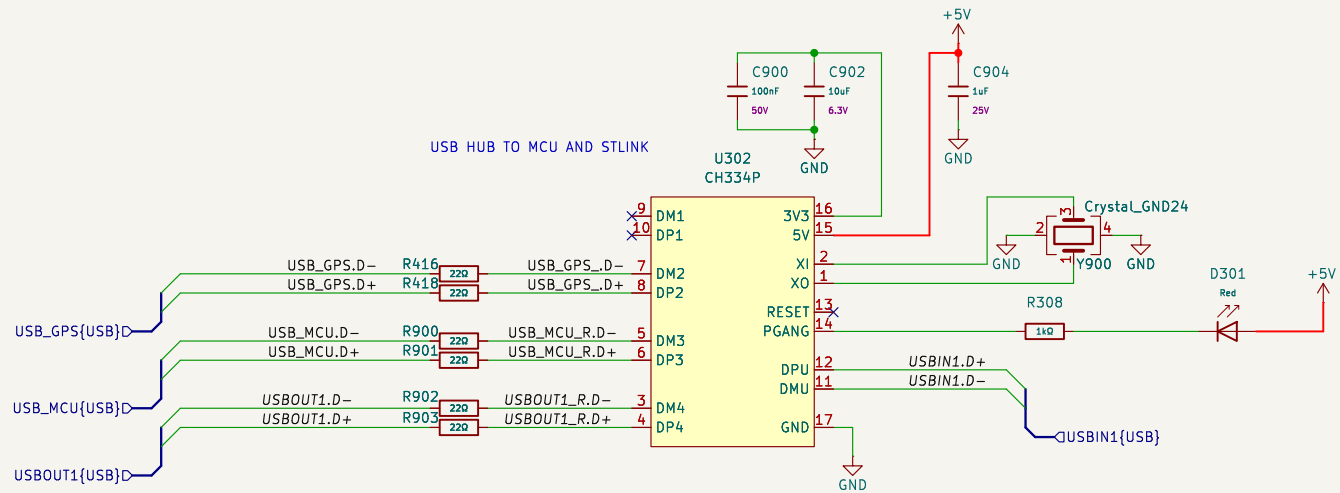
Size: A4 Date: 2025-04-20

KiCad E.D.A. 9.0.1

**Rev: 1.1.0**

Id: 8/13





Project author: Patryk Dudziński  
Base project authors: Dominik Pluta, Artem Horiunov  
**KoNaR**

Sheet: /USB-hub/  
File: USB-hub.kicad\_sch

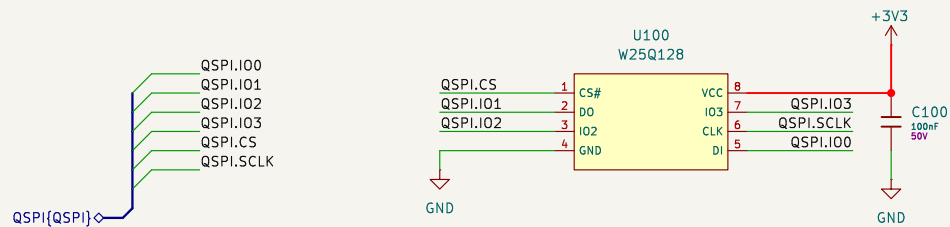
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Size: A4 Date: 2025-04-20

KiCad E.D.A. 9.0.1

**Rev: 1.1.0**

Id: 9/13



Project author: Patryk Dudziński  
Base project authors: Dominik Pluta, Artem Horiunov  
**KoNaR**

Sheet: /QSPI FLASH/  
File: QSPI FLASH.kicad\_sch

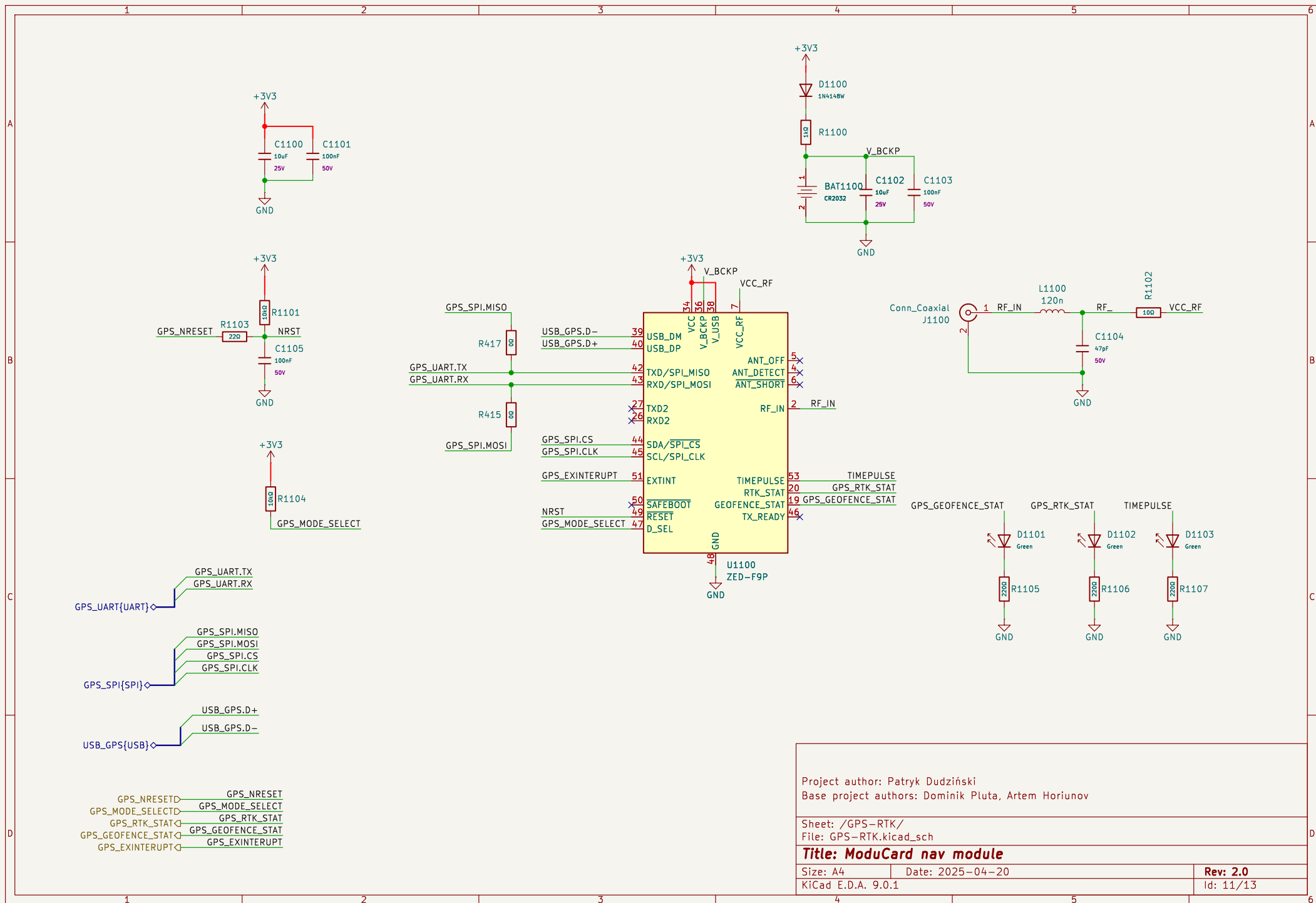
**Title: ModuCard nav module**

Size: A4 Date: 2025-04-20

KiCad E.D.A. 9.0.1

**Rev: 1.1.0**

Id: 10/13



Project author: Patryk Dudziński  
Base project authors: Dominik Pluta, Artem Horiunov

Sheet: /GPS-RTK/  
File: GPS-RTK.kicad\_sch

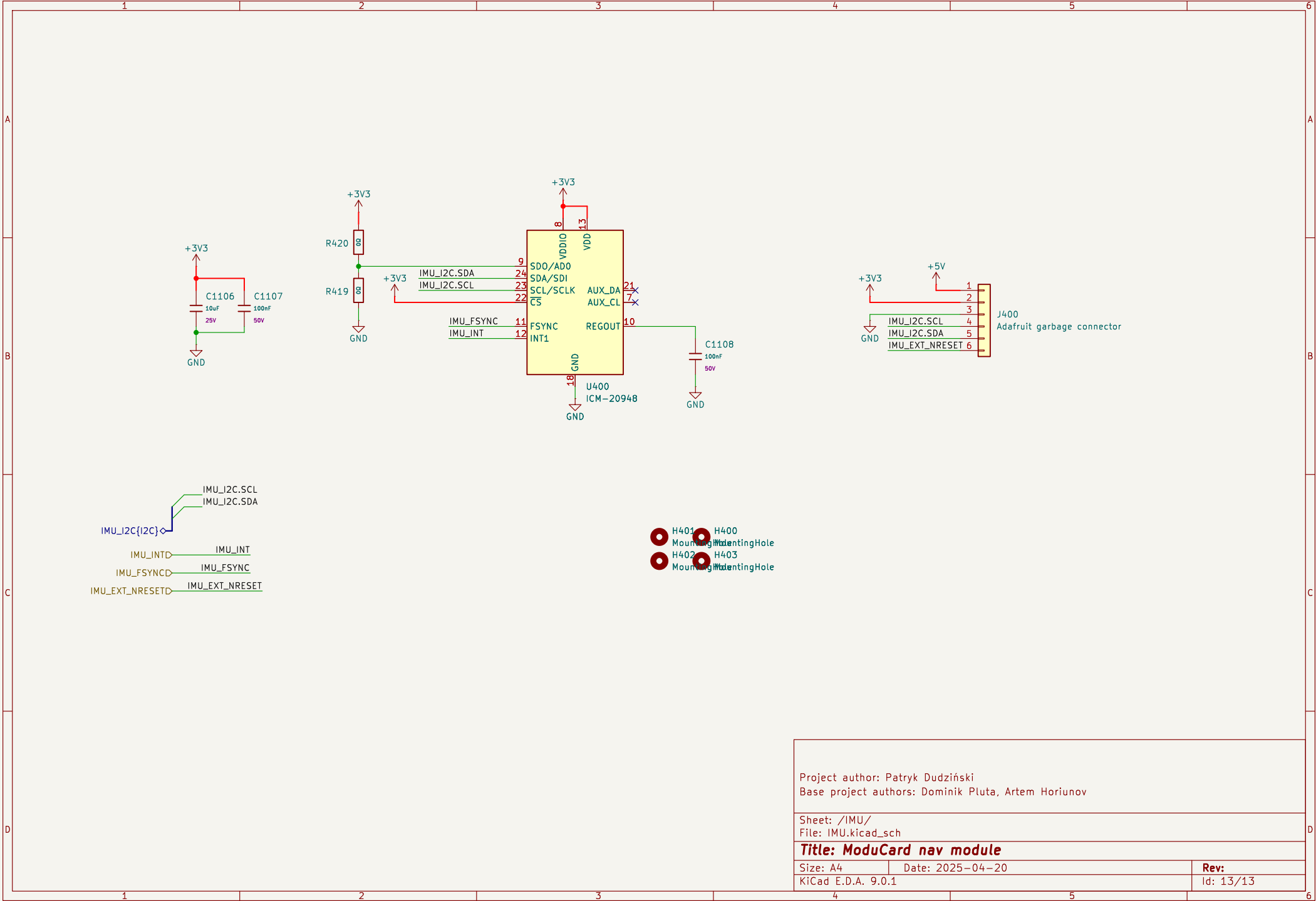
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Size: A4 Date: 2025-04-20

KiCad E.D.A. 9.0.1

**Rev: 2.0**

Id: 11/13

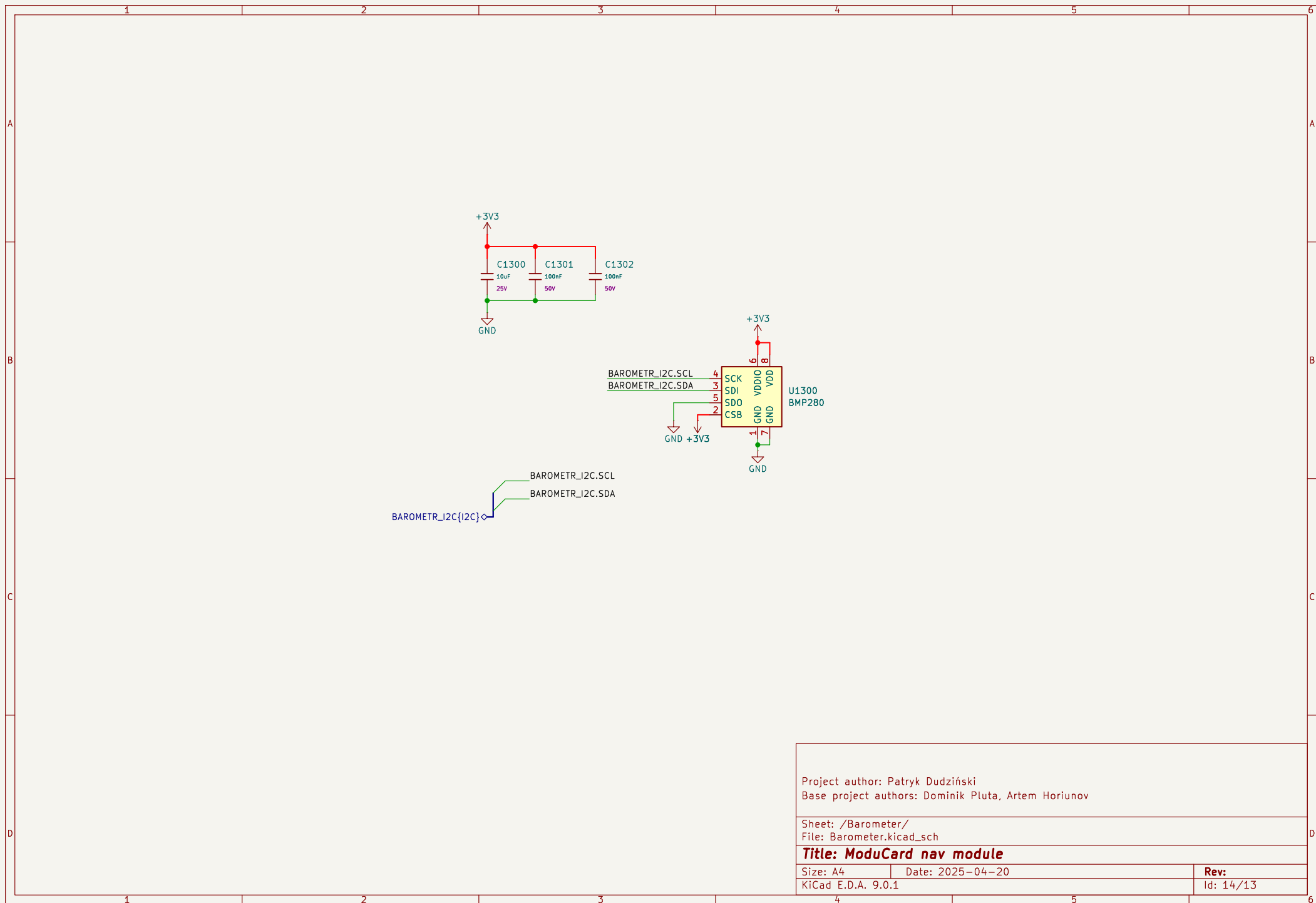


Project author: Patryk Dudziński  
Base project authors: Dominik Pluta, Artem Horiunov

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

**Title: ModuCard nav module**

Size: A4	Date: 2025-04-20	Rev:
KiCad E.D.A. 9.0.1		Id: 13/13



Project author: Patryk Dudziński  
Base project authors: Dominik Pluta, Artem Horiunov

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

**Title: ModuCard nav module**

Size: A4 Date: 2025-04-20

KiCad E.D.A. 9.0.1

**Rev:**  
Id: 14/13