

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

Sheet: /  
File: nav-module.kicad\_sch

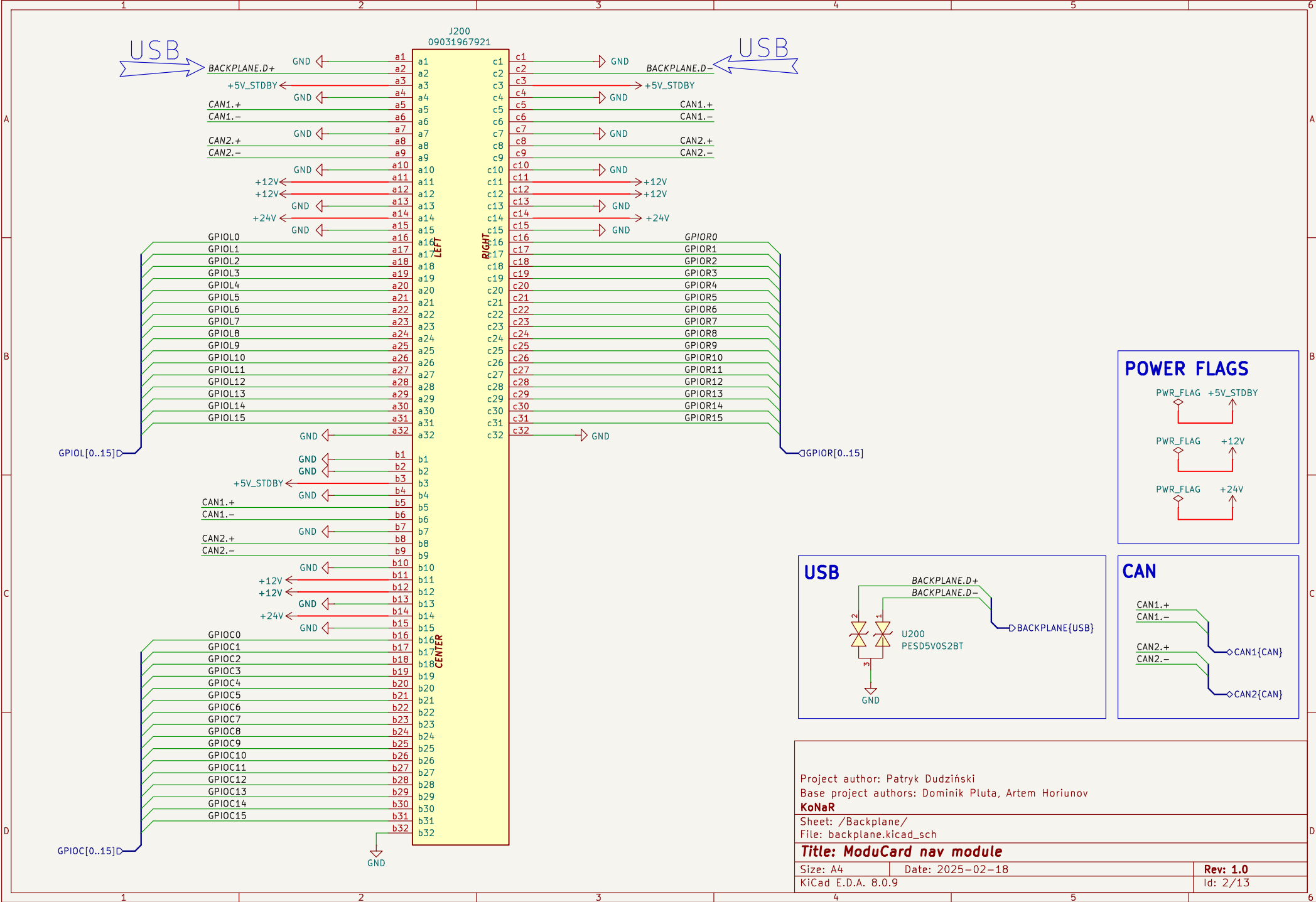
**Title: ModuCard nav module**

Size: A4 Date: 2025-02-18

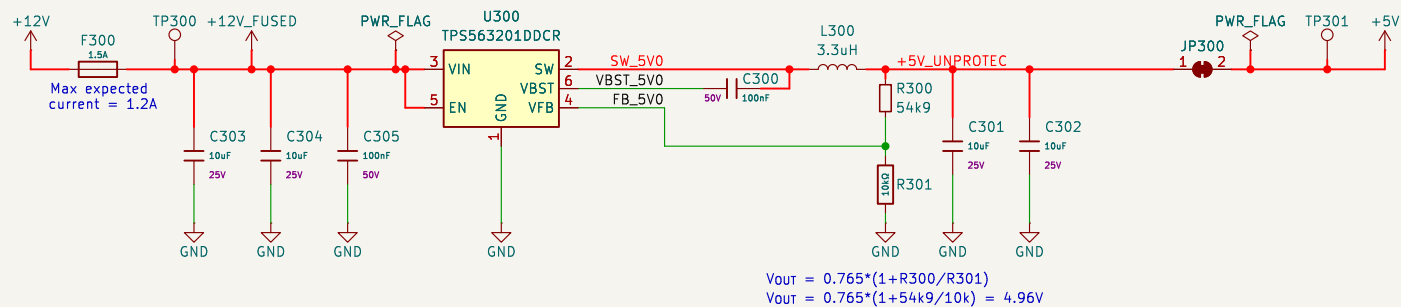
KiCad E.D.A. 8.0.9

**Rev: 1.0**

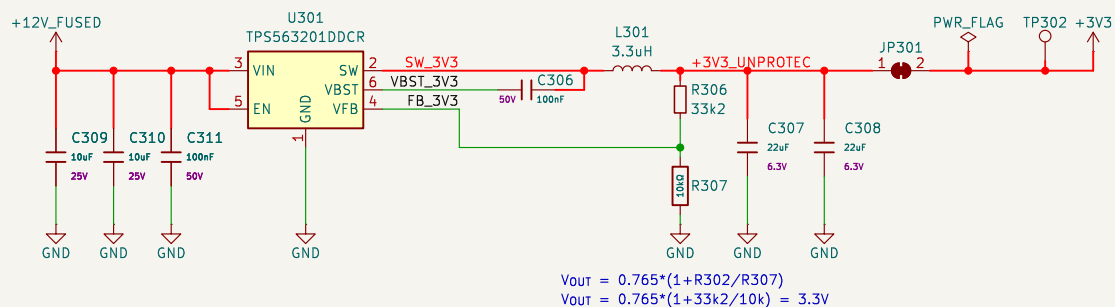
Id: 1/13



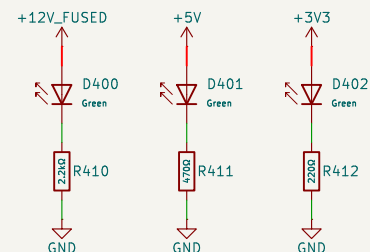
## 5V DC/DC CONVERTER



## 3V3 DC/DC CONVERTER



## POWER INDICATOR LEDs



Target ILED = 5mA

Project author: Patryk Dudziński  
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**KoNaR**

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

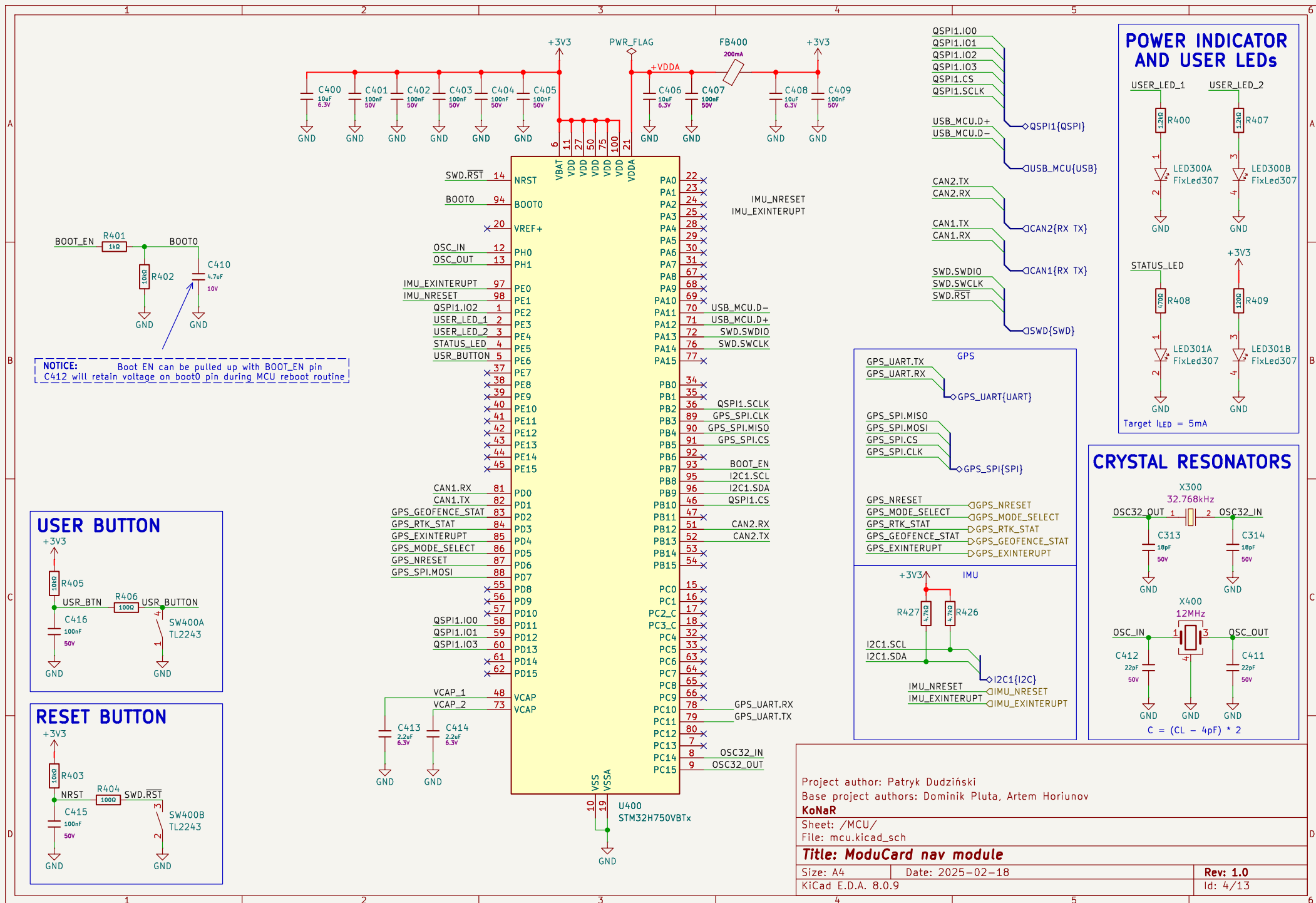
**Title: ModuCard nav module**

Size: A4 Date: 2025-02-18

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**Rev: 1.0**

Id: 3/13



Project author: Patryk Dudziński  
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**KoNaR**

Sheet: /MCU/  
File: mcu.kicad\_sch

**Title: ModuCard nav module**

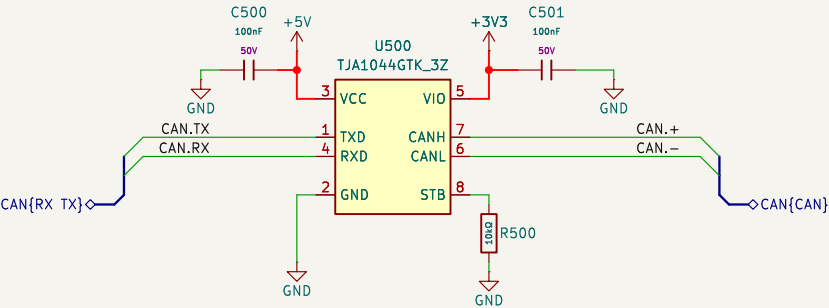
Size: A4 Date: 2025-02-18

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**Rev: 1.0**

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CAN TRANSCEIVER



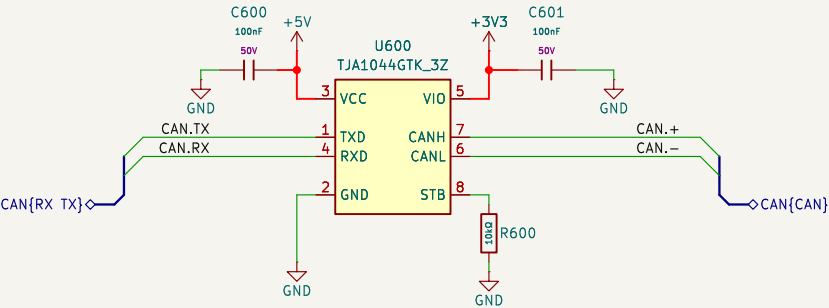
Project author: Patryk Dudziński  
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**KoNaR**

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

**Title: ModuCard nav module**

Size: A4	Date: 2025-02-18	Rev: 1.0
KiCad E.D.A. 8.0.9		Id: 5/13

CAN TRANSCEIVER

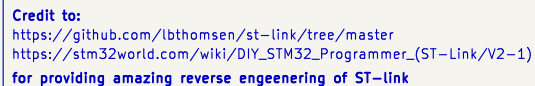
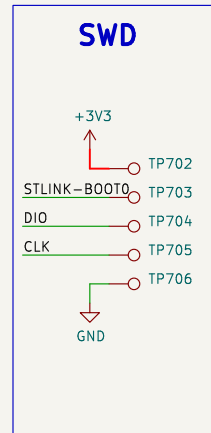
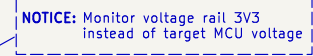


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**KoNaR**

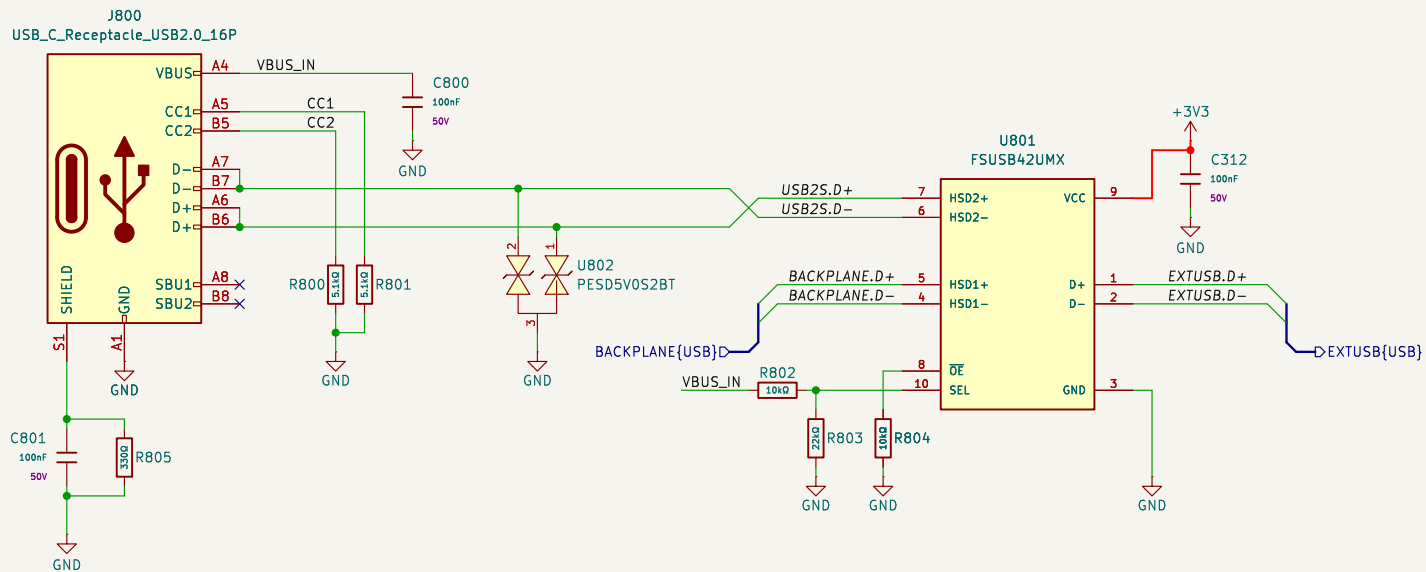
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**Title: ModuCard nav module**

Size: A4	Date: 2025-02-18	Rev: 1.0
KiCad E.D.A. 8.0.9		Id: 6/13



Id: 7/13



Project author: Patryk Dudziński  
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**KoNaR**

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

**Title: ModuCard nav module**

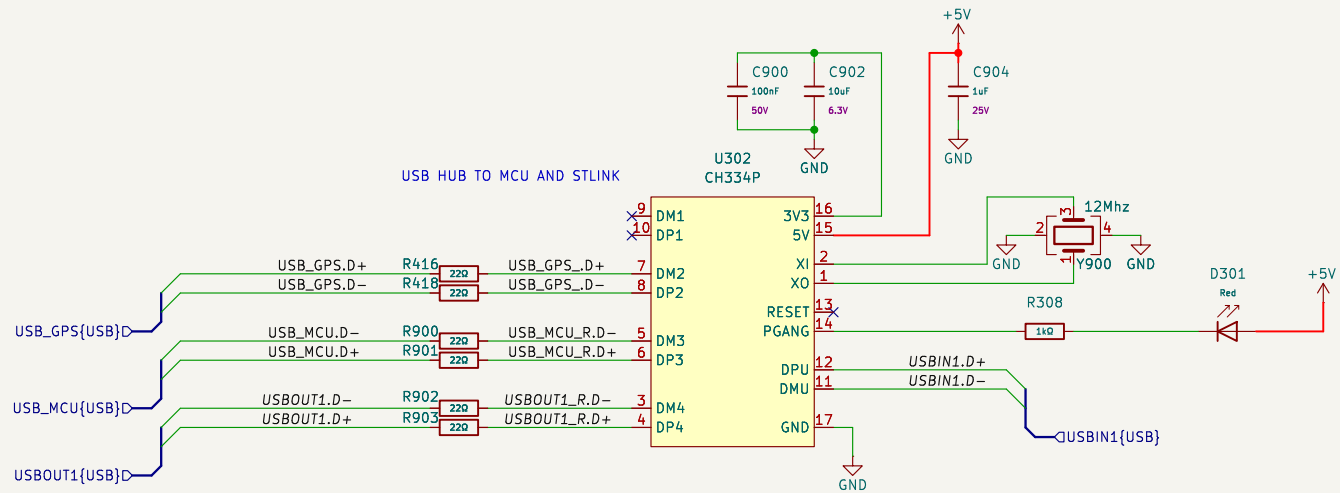
Size: A4 Date: 2025-02-18

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Id: 8/13





Project author: Patryk Dudziński  
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**KoNaR**

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

**Title: ModuCard nav module**

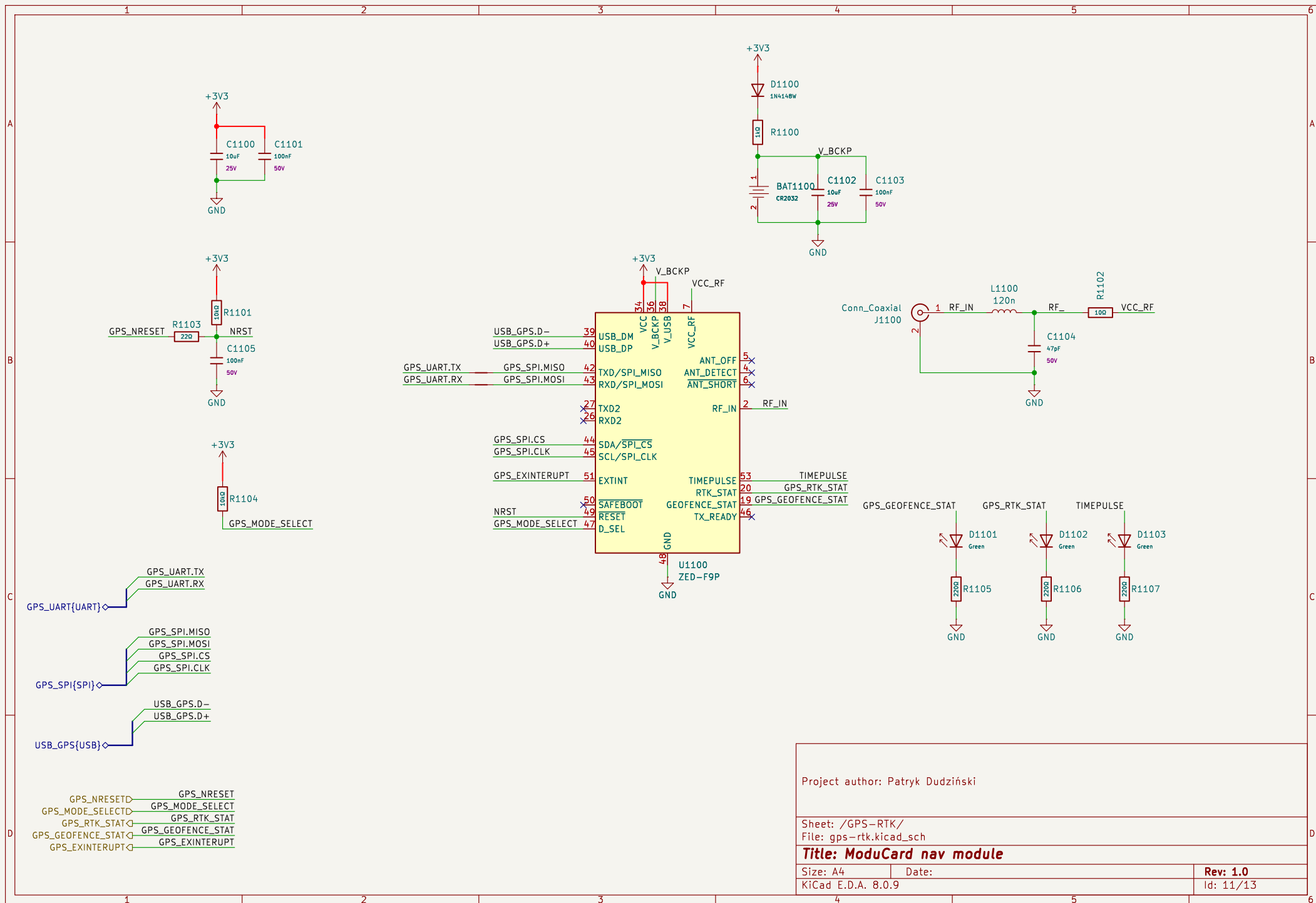
Size: A4 Date: 2025-02-18

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Id: 10/13



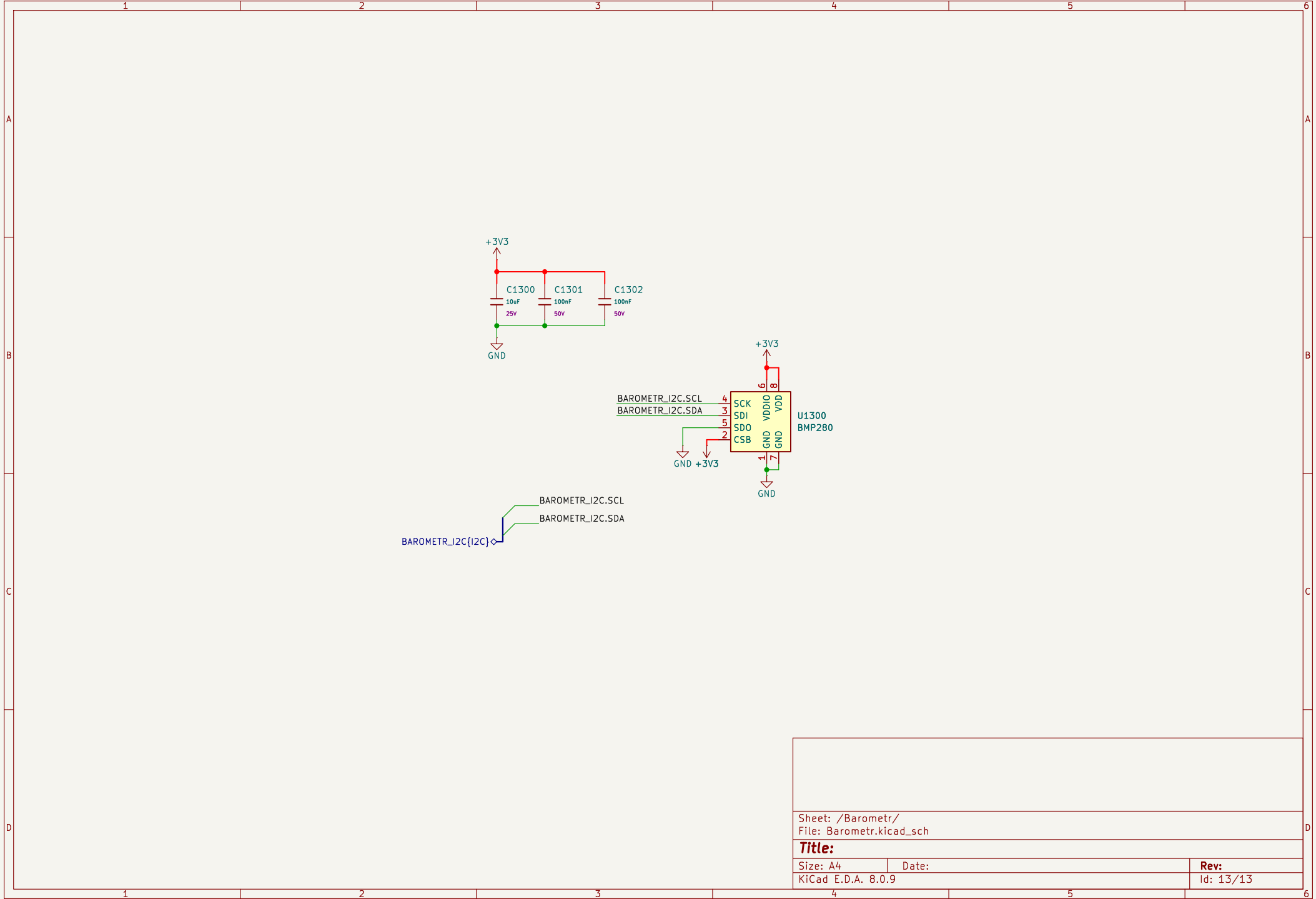


Sheet: /IMU/  
File: imu.kicad\_sch

**Title: ModuCard nav module**

Size: A4	
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Sheet: /Barometr/  
File: Barometr.kicad\_sch

**Title:**

Size: A4

Date:

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**Rev:**

Id: 13/13