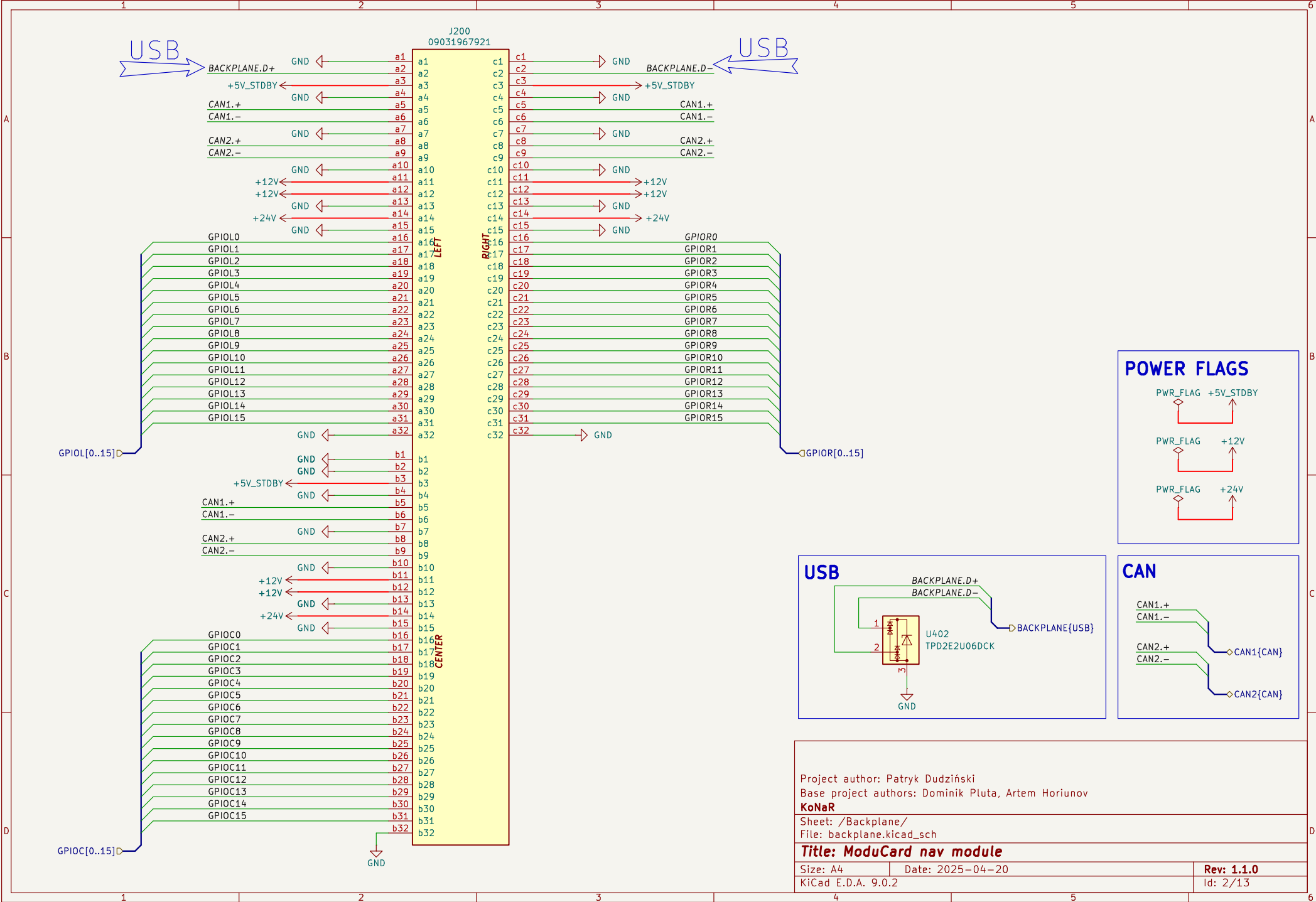


Project author: Patryk Dudziński
Base project authors: Dominik Pluta, Artem Horiunov
KoNaR

Sheet: /
File: ModuCard-navigation-module.kicad_sch

Title: ModuCard nav module

Size: A4	Date: 2025-04-20	Rev: 1.1.0
KiCad E.D.A. 9.0.2		Id: 1/13



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

Sheet: /Backplane/
File: backplane.kicad_sch

Title: ModuCard nav module

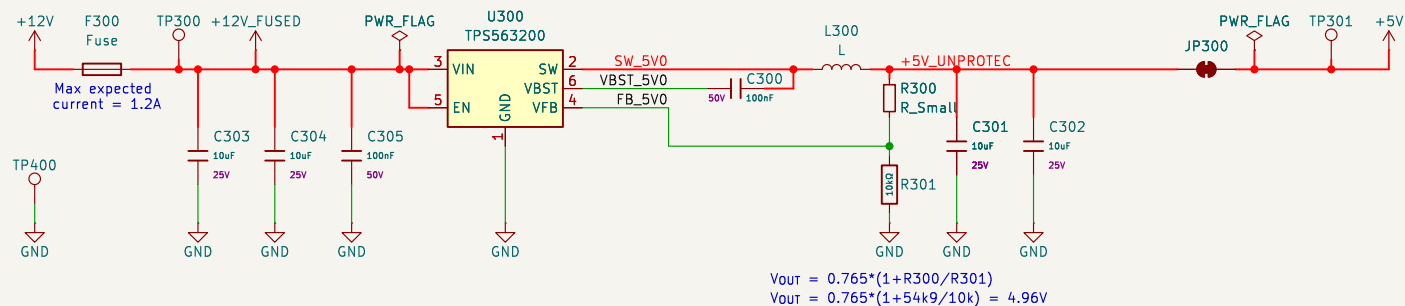
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KiCad E.D.A. 9.0.2

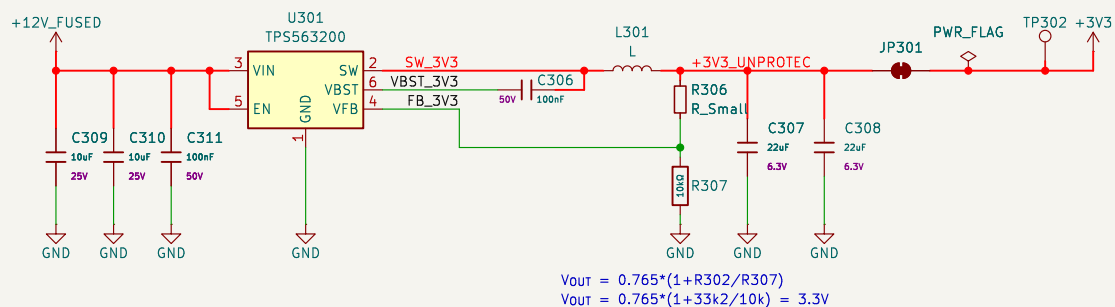
Rev: 1.1.0

Id: 2/13

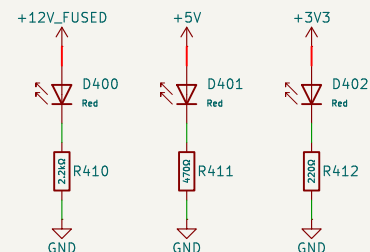
5V DC/DC CONVERTER



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

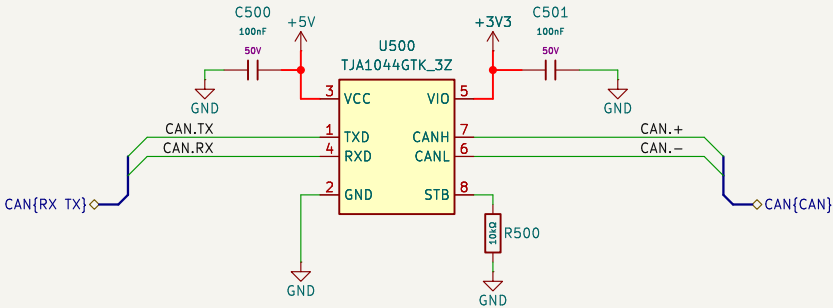
Size: A4 Date: 2025-04-20

KiCad E.D.A. 9.0.2

Rev: 1.1.0

Id: 3/13

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

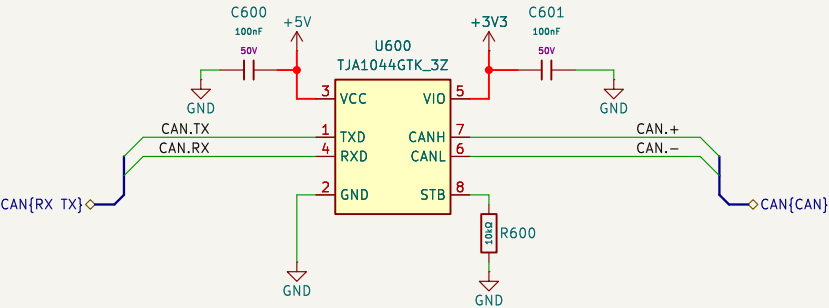
Size: A4 Date: 2025-04-20

KiCad E.D.A. 9.0.2

Rev: 1.1.0

Id: 5/13

CAN TRANSCEIVER

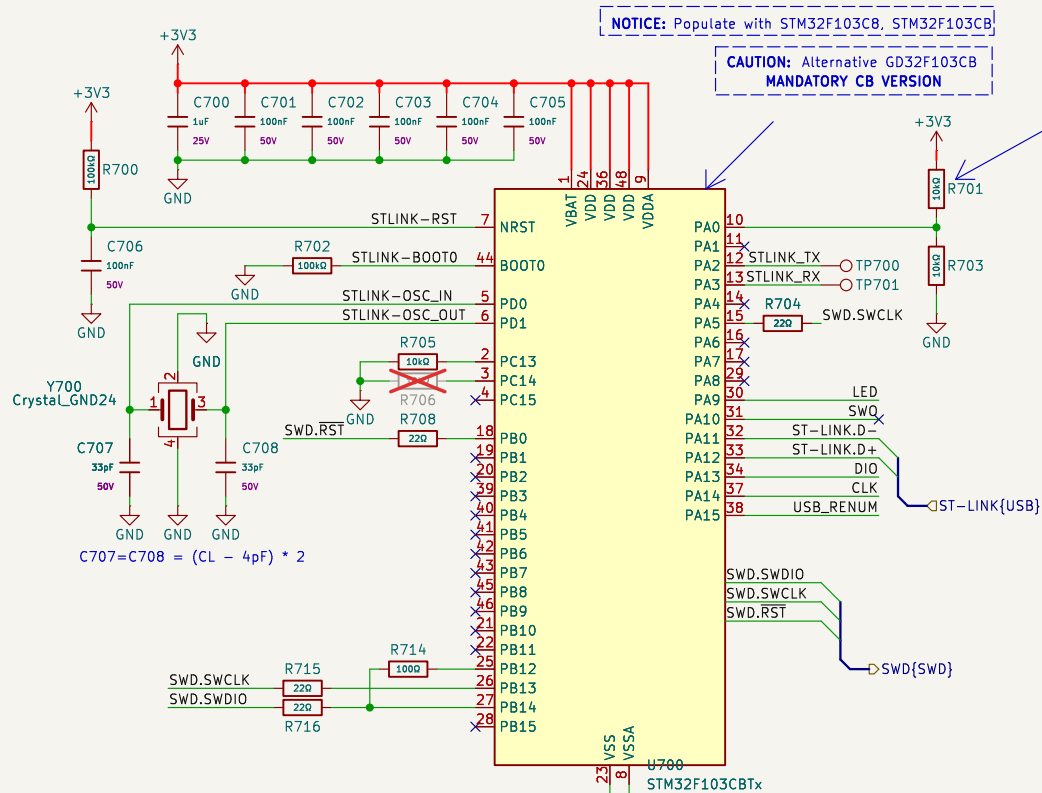


Project author: Patryk Dudziński
Base project authors: Dominik Pluta, Artem Horiunov
KoNaR

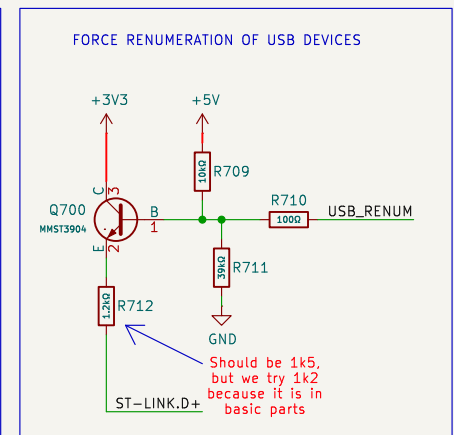
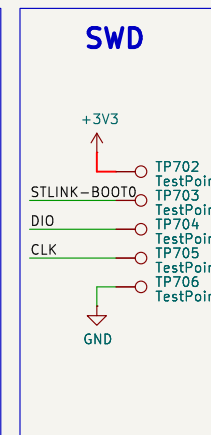
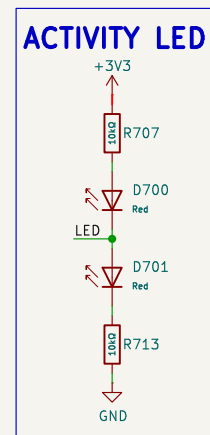
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File: can-transceiver.kicad_sch

Title: ModuCard nav module

Size: A4	Date: 2025-04-20	Rev: 1.1.0
KiCad E.D.A. 9.0.2		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

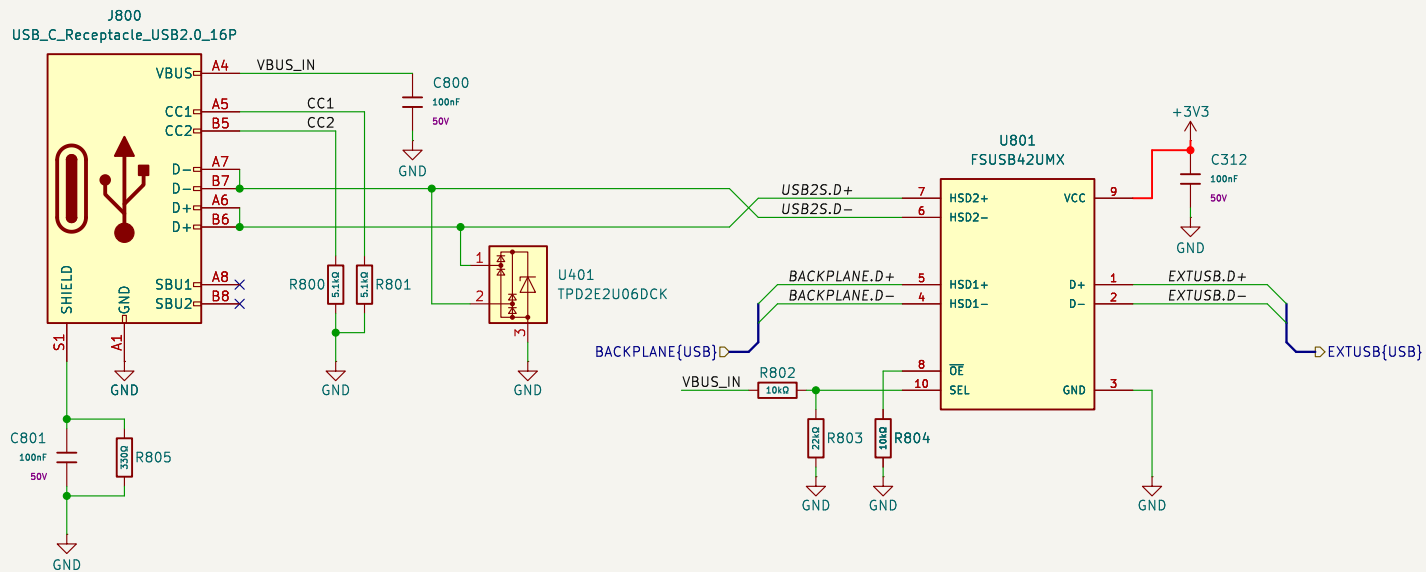
Project author: Patryk Dudziński
 Base project authors: Dominik Pluta, Artem Horiunov
KoNaR

Sheet: /ST-LINK/
 File: st-link.kicad_sch

Title: ModuCard nav module

Size: A4 Date: 2025-04-20
 KiCad E.D.A. 9.0.2

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

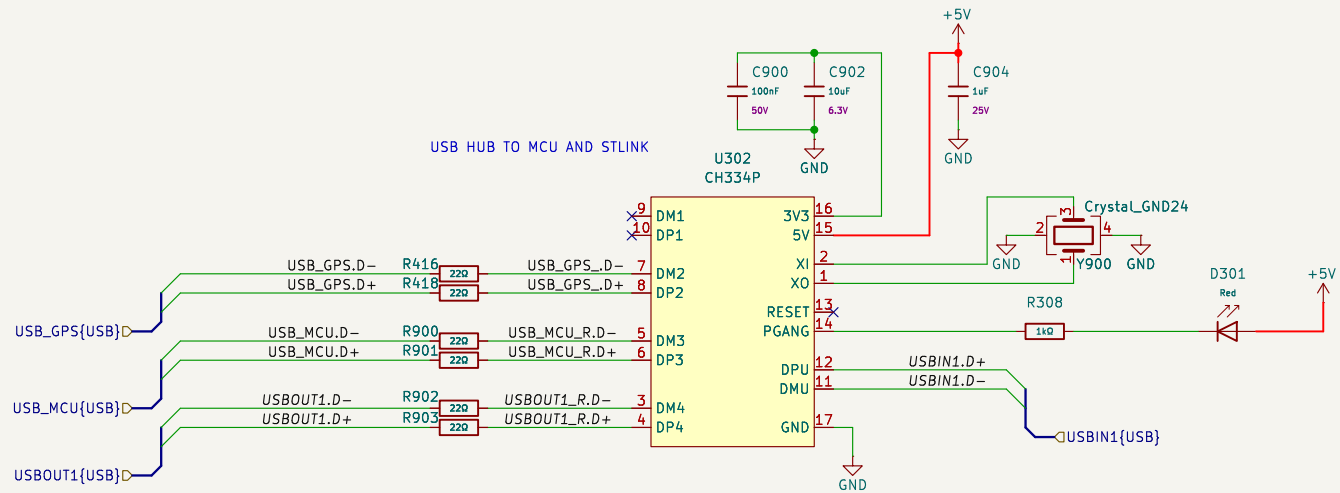
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Size: A4 Date: 2025-04-20

KiCad E.D.A. 9.0.2

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

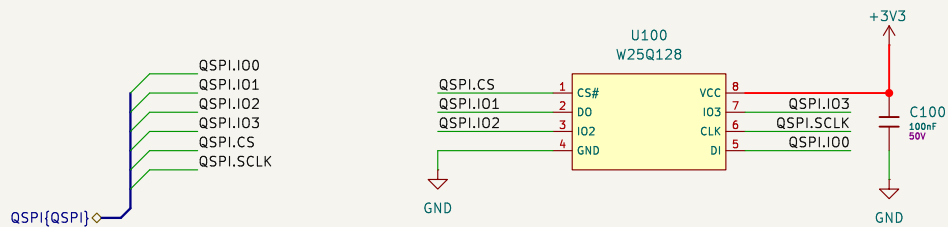
Title: ModuCard nav module

Size: A4 Date: 2025-04-20

KiCad E.D.A. 9.0.2

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

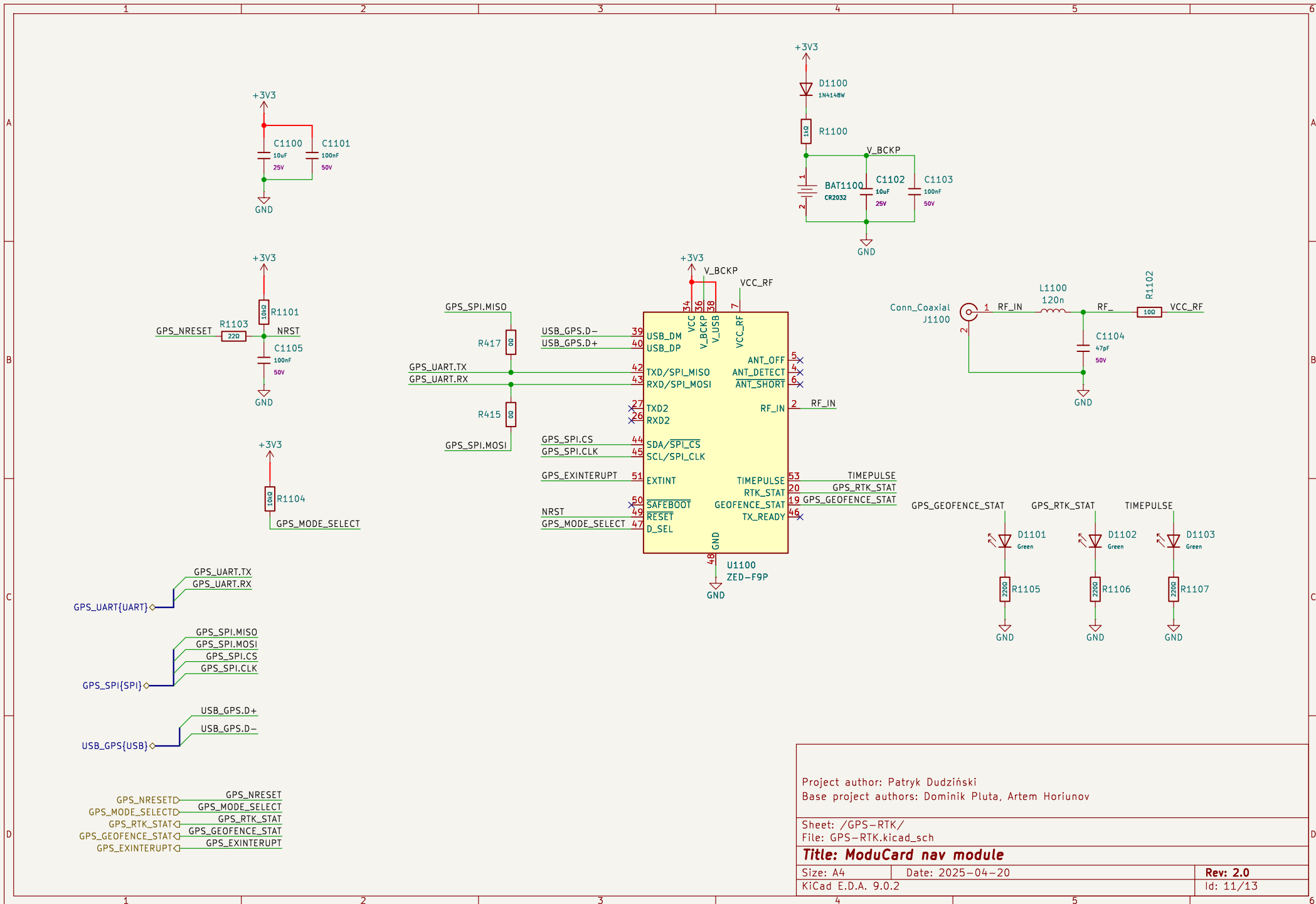
Title: ModuCard nav module

Size: A4 Date: 2025-04-20

KiCad E.D.A. 9.0.2

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

Title: ModuCard nav module

Size: A4 | Date: 2025-04-20

KiCad E.D.A. 9.0.2

Rev: 2.0

Id: 11/13



