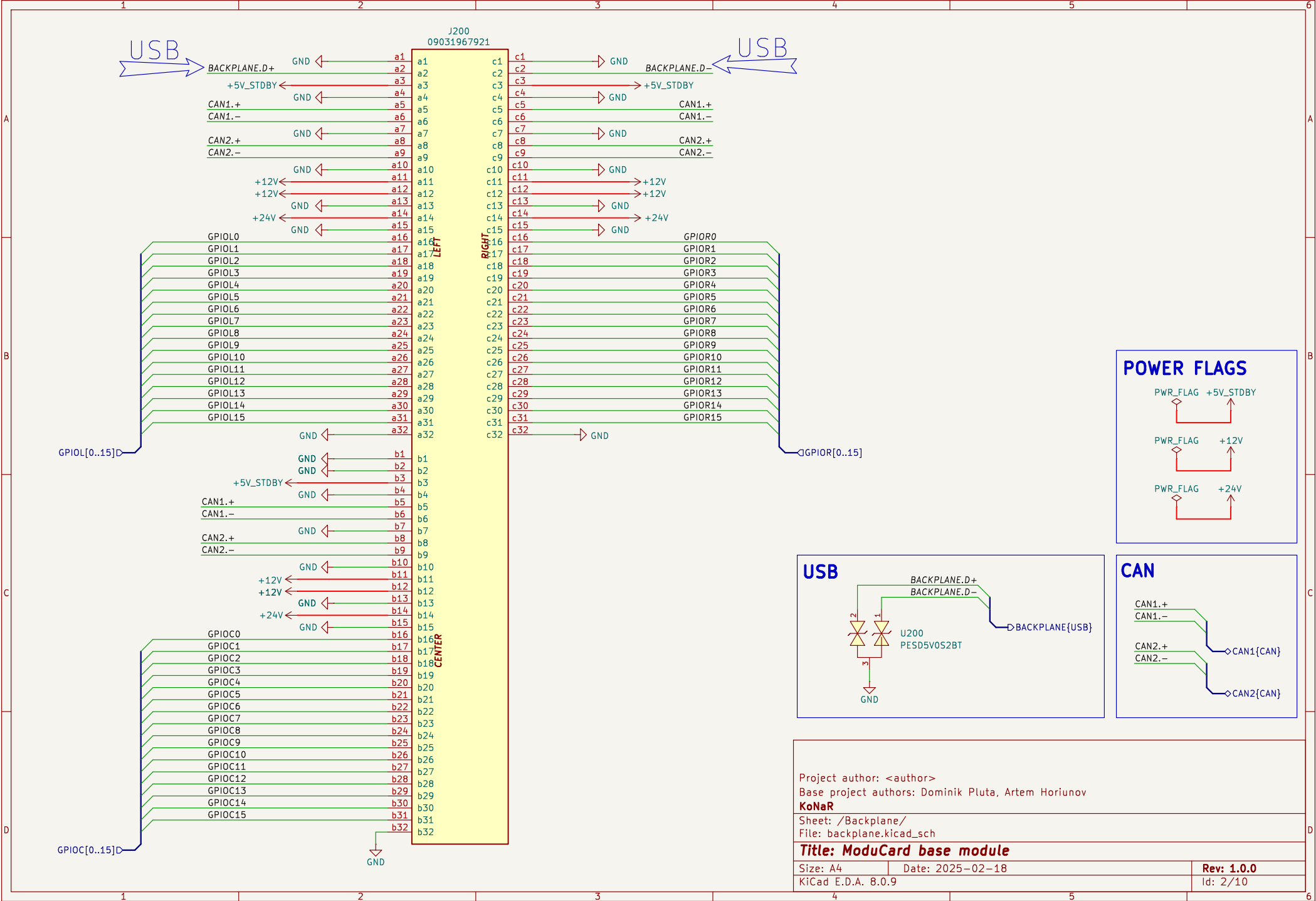


Project author: <author>  
Base project authors: Dominik Pluta, Artem Horiunov  
**KoNaR**

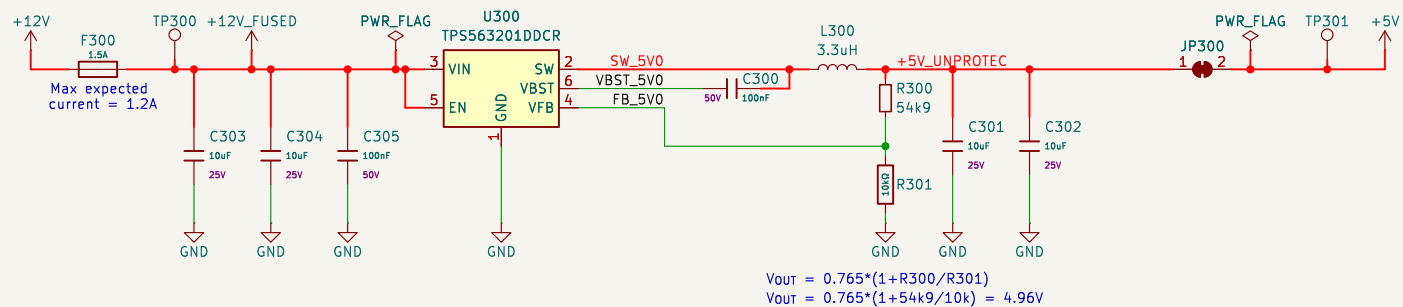
Sheet: /  
File: base-module.kicad\_sch

**Title: ModuCard base module**

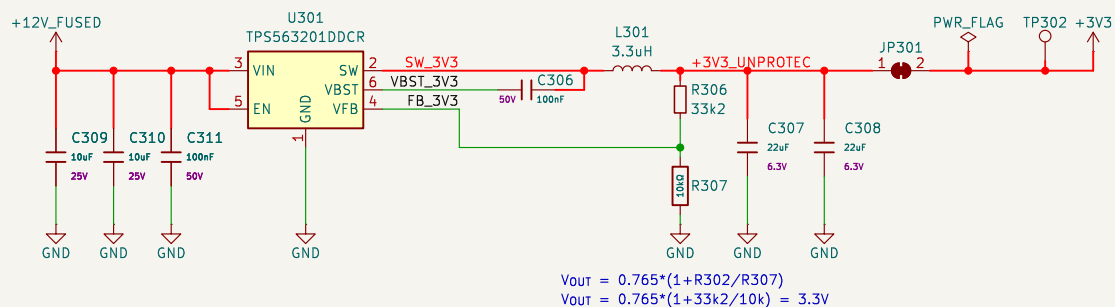
Size: A4	Date: 2025-02-18	Rev: 1.0.0
KiCad E.D.A. 8.0.9		Id: 1/10



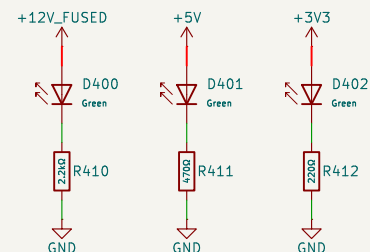
## 5V DC/DC CONVERTER



## 3V3 DC/DC CONVERTER



## POWER INDICATOR LEDs



Project author: <author>  
Base project authors: Dominik Pluta, Artem Horiunov  
**KoNaR**

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

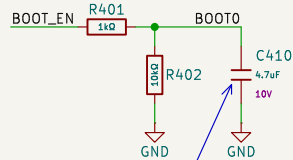
**Title: ModuCard base module**

Size: A4 Date: 2025-02-18

KiCad E.D.A. 8.0.9

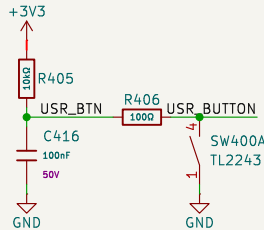
**Rev: 1.0.0**

Id: 3/10

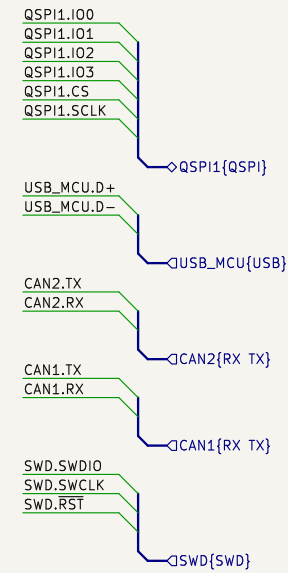
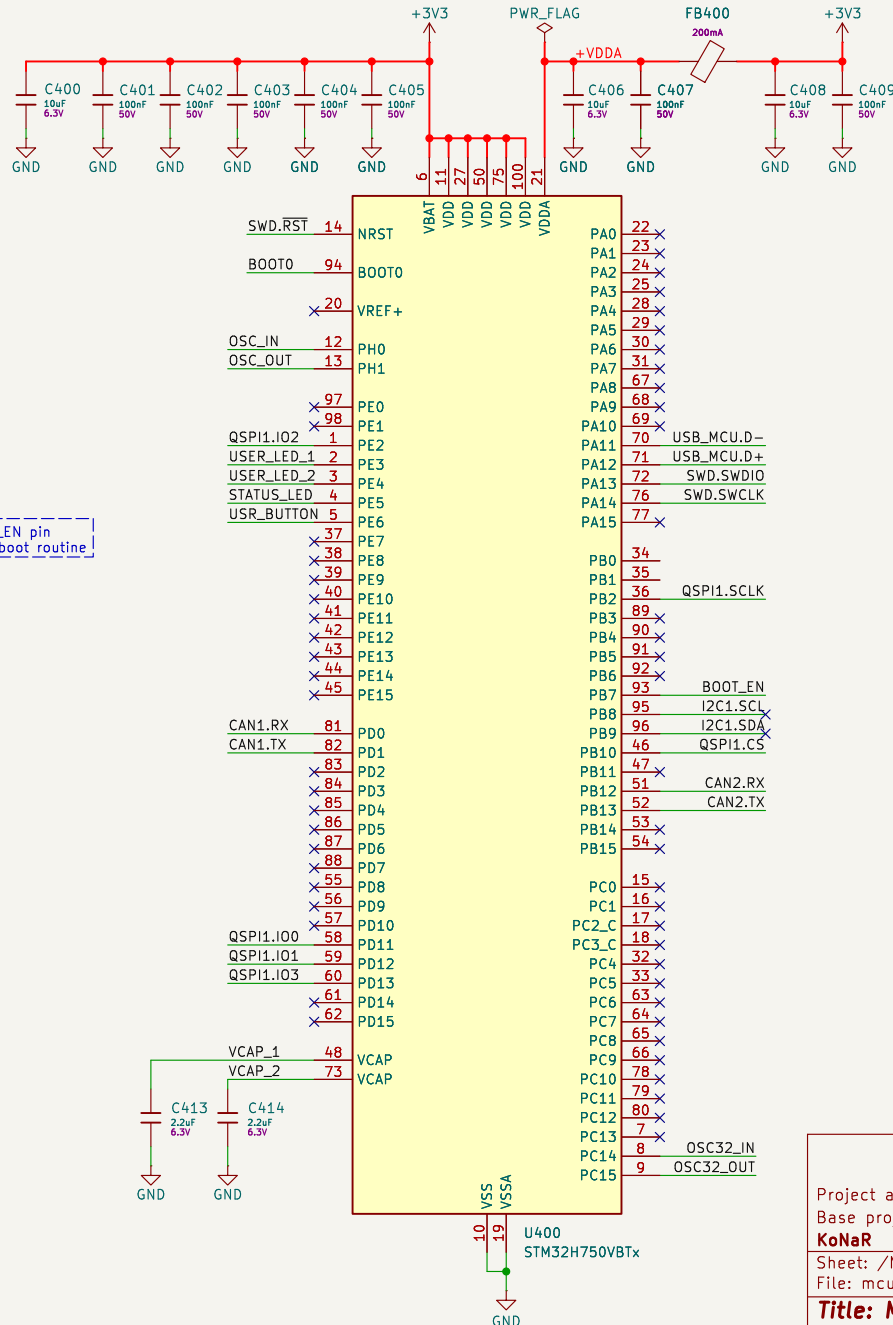
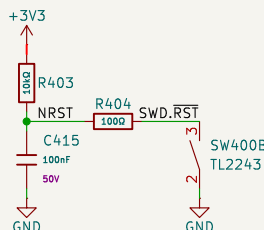


**NOTICE:** Boot EN can be pulled up with BOOT\_EN pin  
C412 will retain voltage on boot0 pin during MCU reboot routine

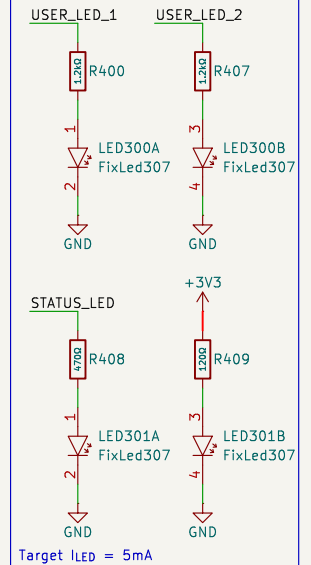
## USER BUTTON



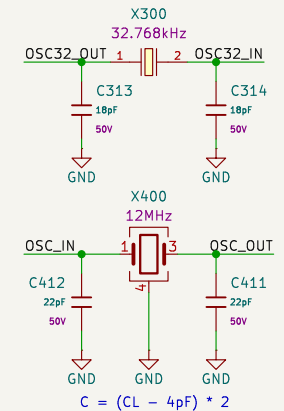
## RESET BUTTON



## POWER INDICATOR AND USER LEDs



## CRYSTAL RESONATORS



Project author: <author>  
Base project authors: Dominik Pluta, Artem Horiunov  
**KoNaR**

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

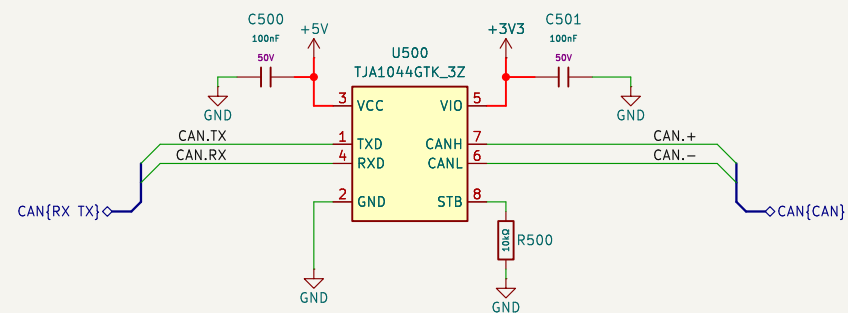
**Title: ModuCard base module**

Size: A4  
KiCad E.D.A. 8.0.9

Date: 2025-02-18

Rev: 1.0.0  
Id: 4/10

## CAN TRANSCEIVER



Project author: <author>  
Base project authors: Dominik Pluta, Artem Horiunov  
**KoNaR**

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

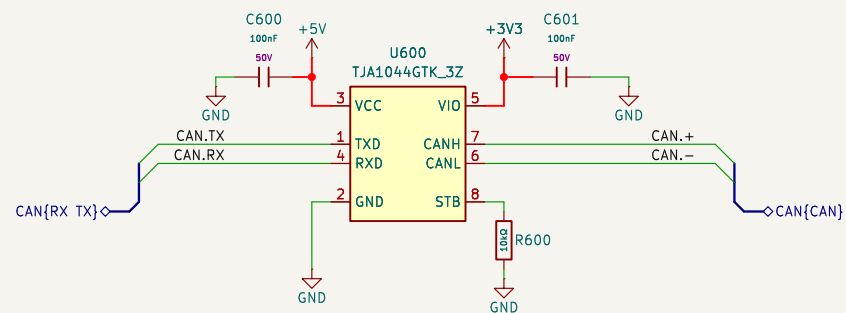
**Title: ModuCard base module**

Size: A4	Date: 2025-02-18
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Rev: 1.0.0

Id: 5/10

## CAN TRANSCEIVER



Project author: <author>  
Base project authors: Dominik Pluta, Artem Horiunov  
**KoNaR**

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

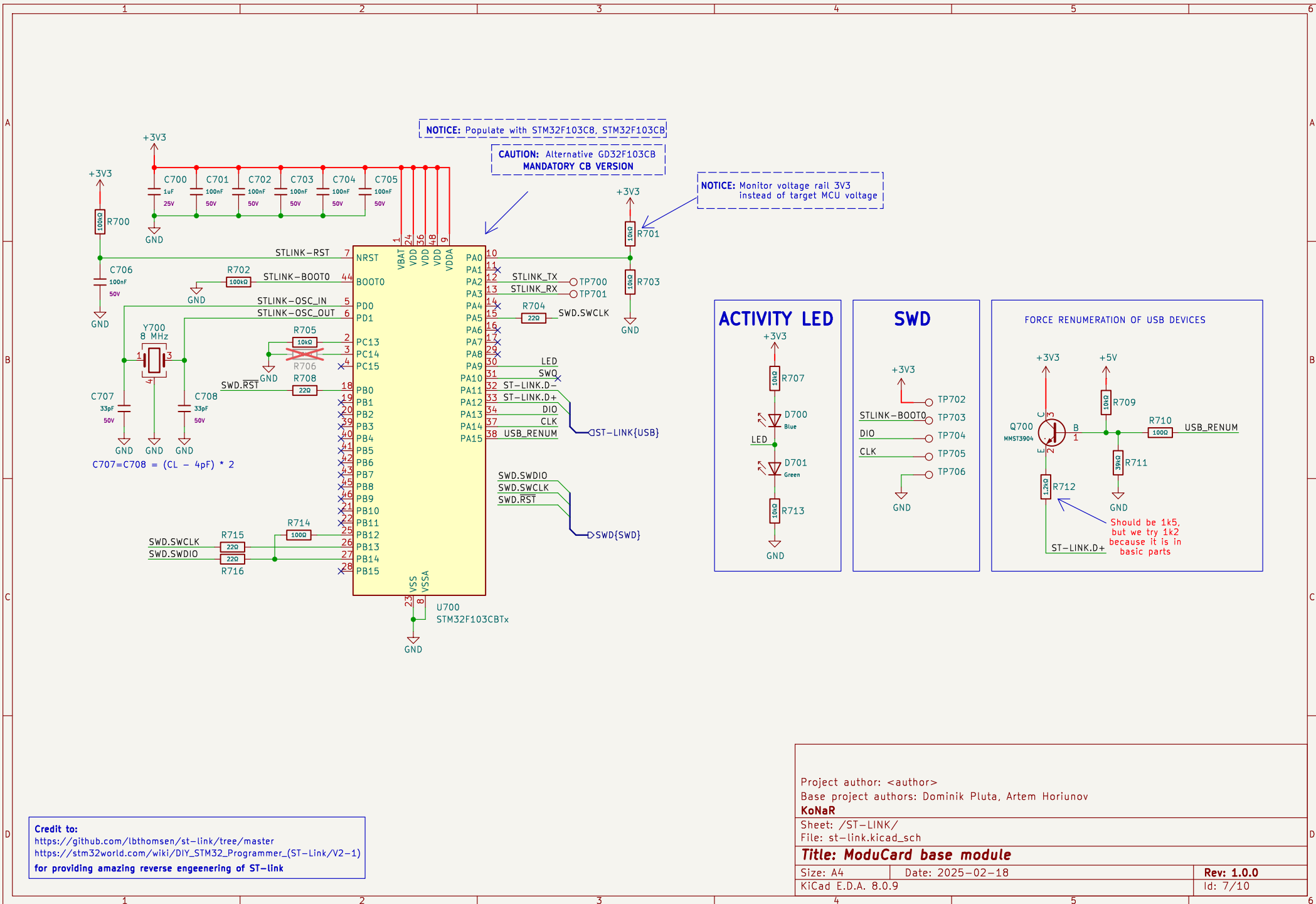
**Title: ModuCard base module**

Size: A4	Date: 2025-02-18
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Rev: 1.0.0

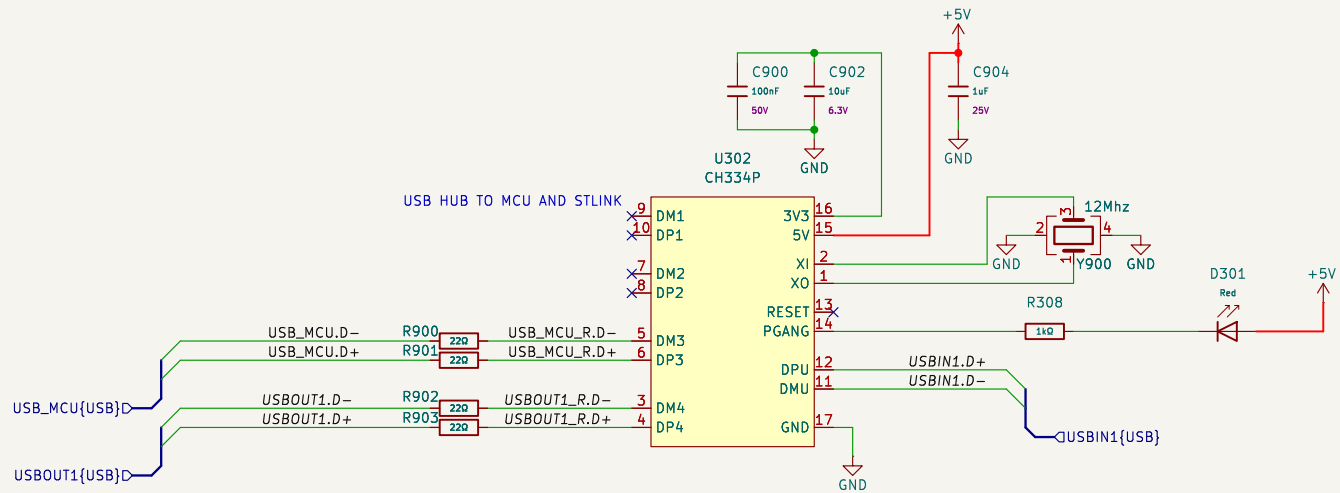
SIZE: A1	
KiCad E.D.A. 8.0.9	

Id: 6/10



Id: 8/10





Project author: <author>  
 Base project authors: Dominik Pluta, Artem Horiunov  
**KoNaR**

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

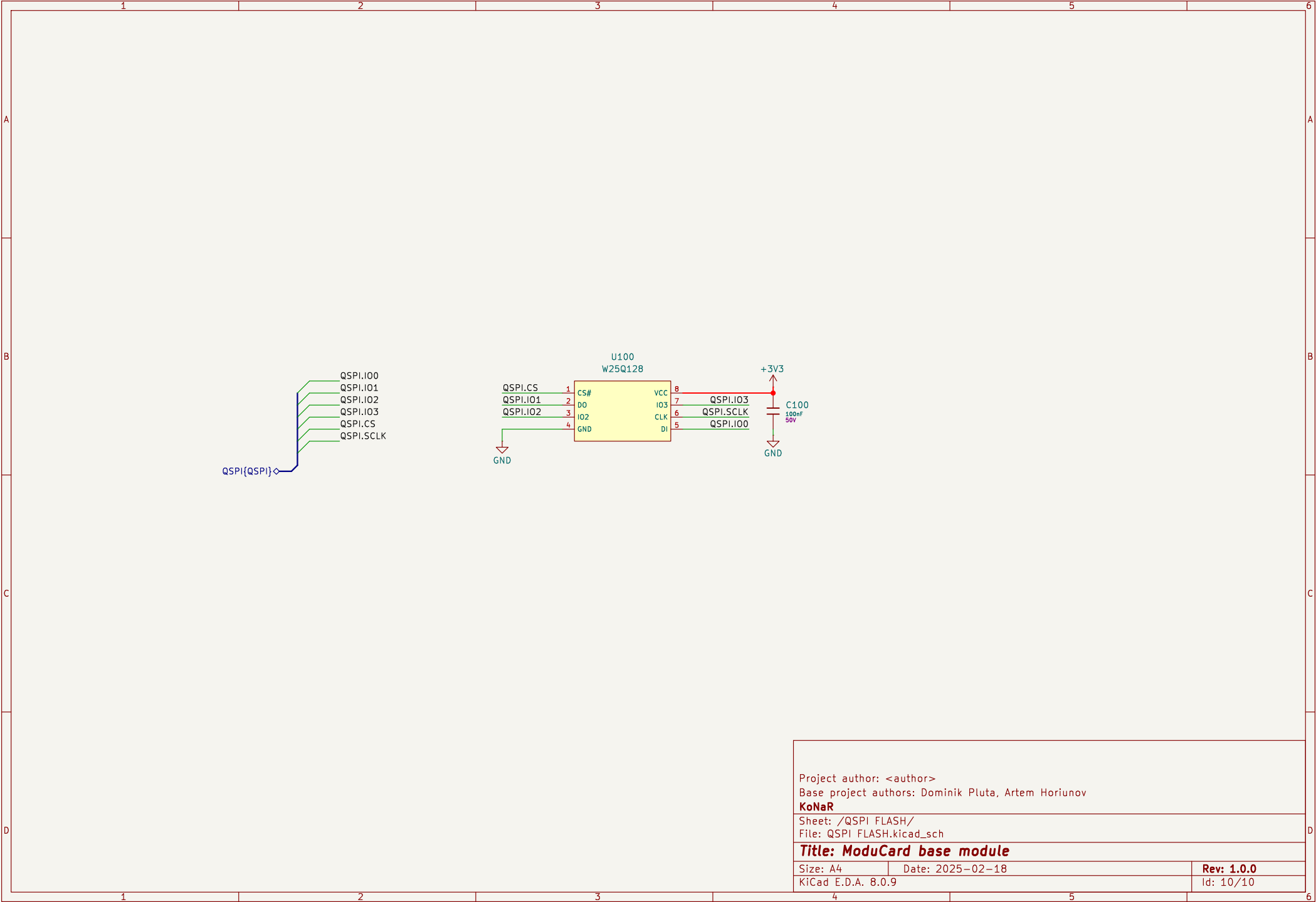
**Title: ModuCard base module**

Size: A4 Date: 2025-02-18

KiCad E.D.A. 8.0.9

**Rev: 1.0.0**

Id: 9/10



Project author: <author>  
Base project authors: Dominik Pluta, Artem Horiunov  
**KoNaR**

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

**Title: ModuCard base module**

Size: A4	Date: 2025-02-18	Rev: 1.0.0
KiCad E.D.A. 8.0.9		Id: 10/10