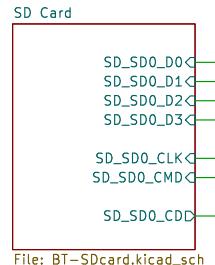
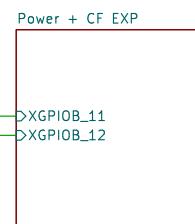
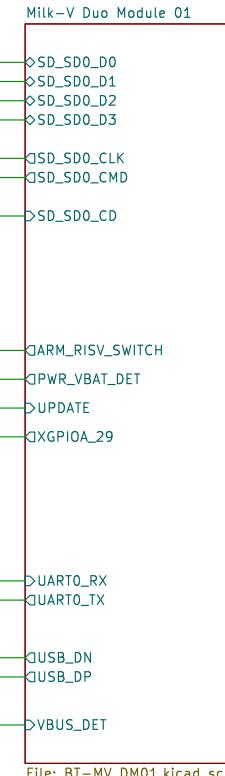
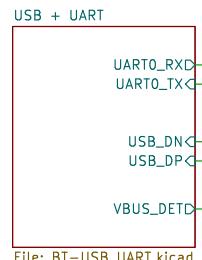
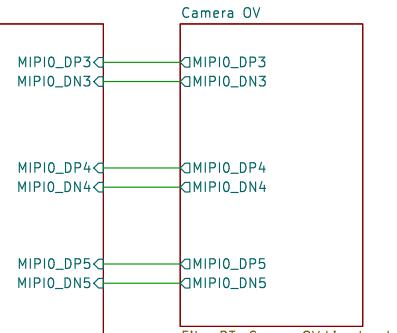


A

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**Milk-V Duo Module 01**

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C

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D



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Sheet: /  
File: BT-MV Duo 01 Deck.kicad\_sch

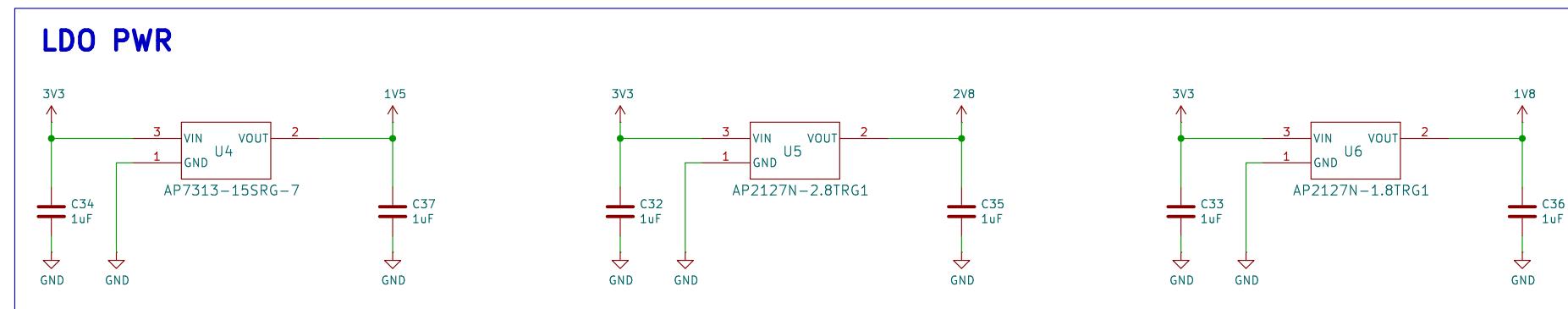
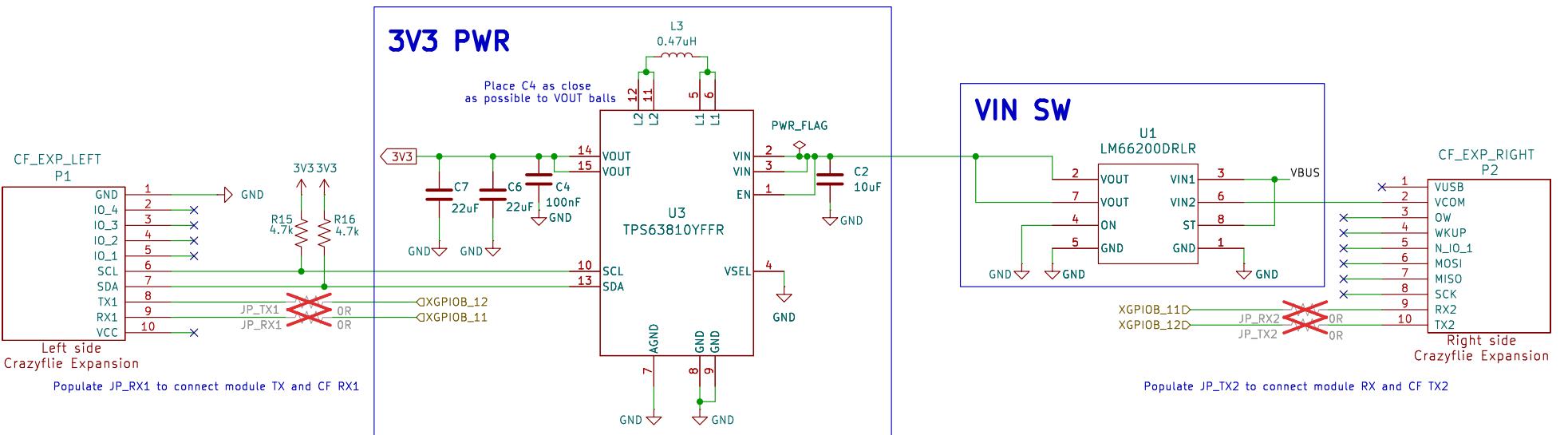
**Title: BT-MV Duo 01 Deck**

Size: A4 Date: 4.11.2025

KiCad E.D.A. 9.0.2

**Rev: A**

Id: 1/7



Please note the following about the Crazyflie expansion connectors:

- \* VCOM is power directly from the battery/USB and is not regulated
- \* VCC is regulated to 3.0V
- \* VUSB is connected directly to the USB which means this will supply at 4.5–5.5V when the USB is connected and can be used for charging the battery when the USB is not connected



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Sheet: /Power + CF EXP/  
File: BT-Power\_CFexp.kicad\_sch

Title: BT-MV Duo 01 Deck

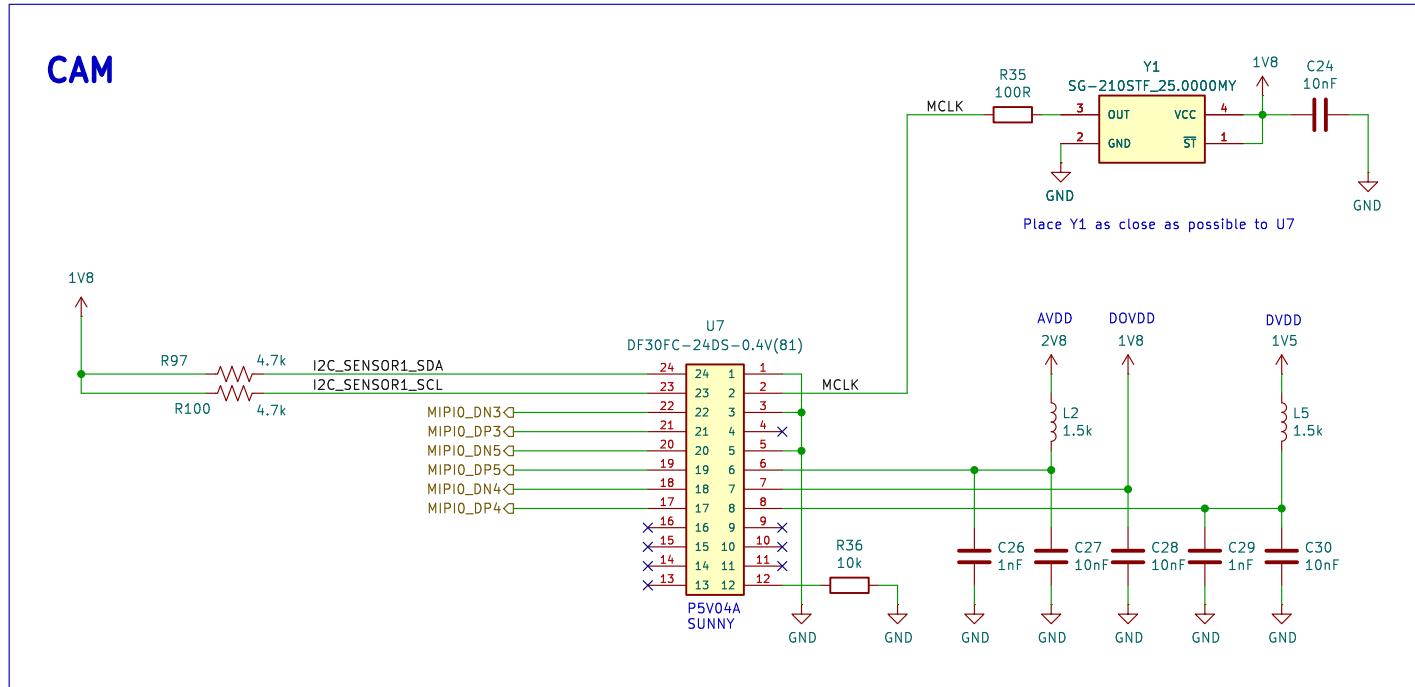
Size: A4 Date: 4.11.2025  
KiCad E.D.A. 9.0.2

Rev: A  
Id: 2/7

1 2 3 4 5 6

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A

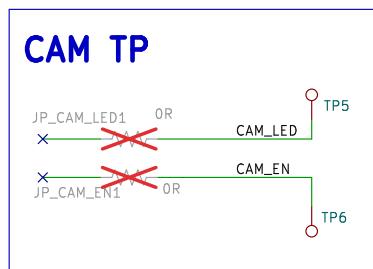


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C



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D



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Sheet: /Camera\_OV/  
File: BT-CameraOV.kicad\_sch

Title: BT-MV Duo 01 Deck

Size: A4 Date: 4.11.2025

KiCad E.D.A. 9.0.2

Rev: A  
Id: 3/7

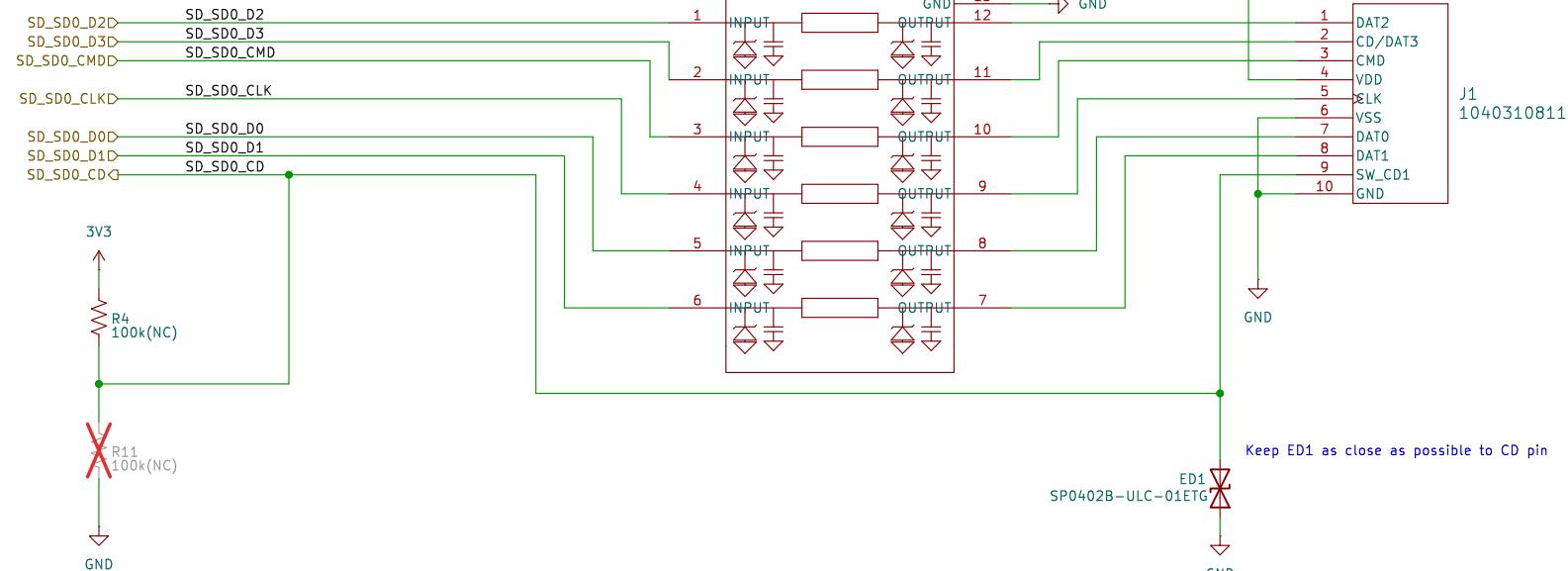
1 2 3 4 5 6

1 2 3 4 5 6

A

A

## SD Card



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Sheet: /SD Card/  
File: BT-SDcard.kicad\_sch

Title: BT-MV Duo 01 Deck

Size: A4 Date: 4.11.2025  
KiCad E.D.A. 9.0.2

Rev: A  
Id: 4/7

1 2 3 4 5 6

1 2 3 4 5 6

A

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B

B

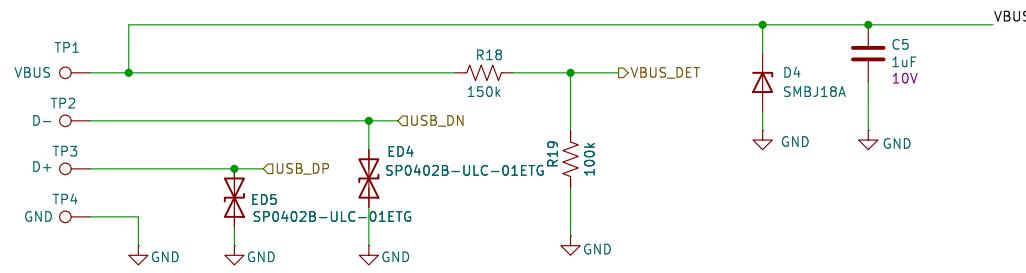
C

C

D

D

## USB



## UART



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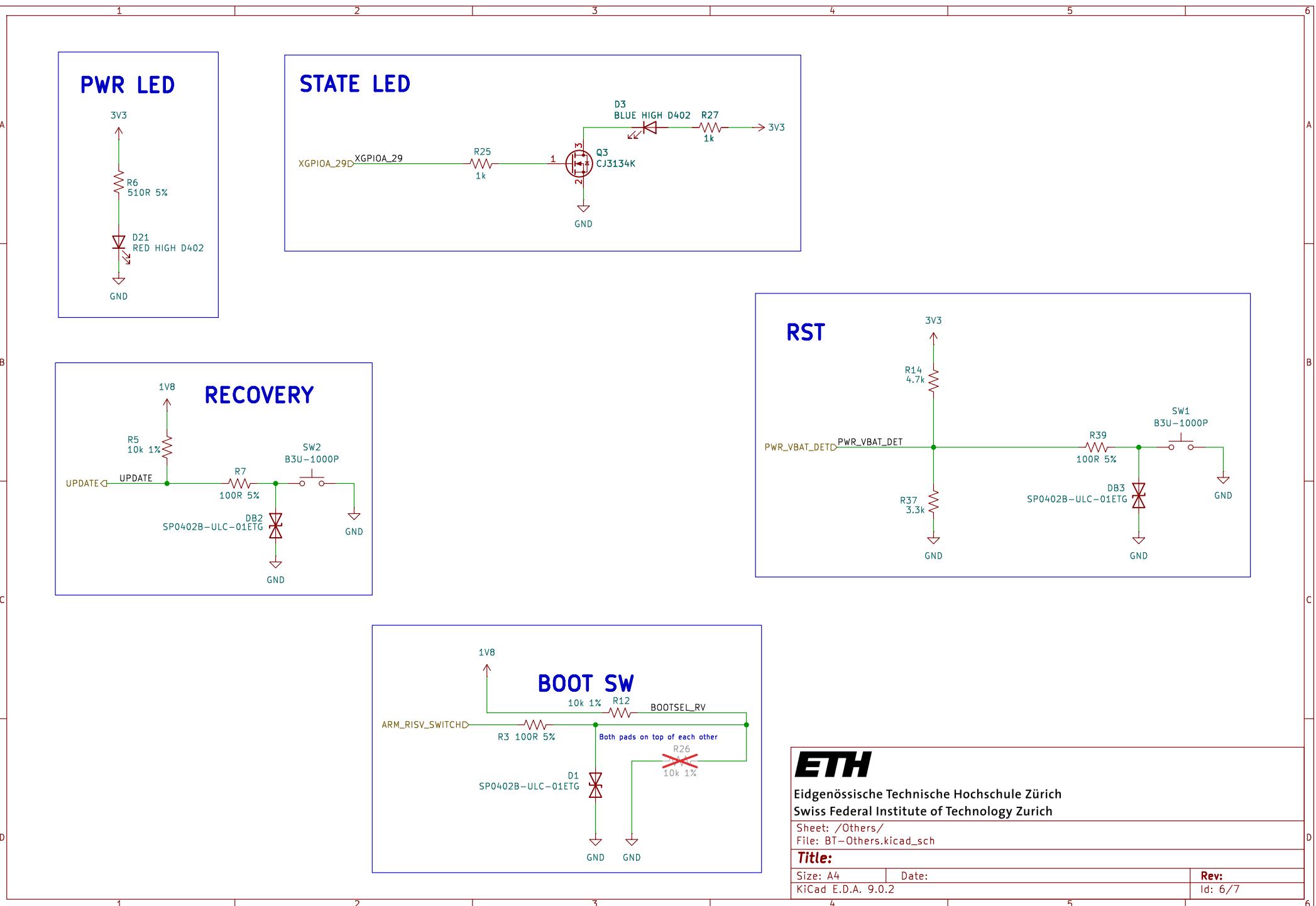
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File: BT-USB\_UART.kicad\_sch

### Title:

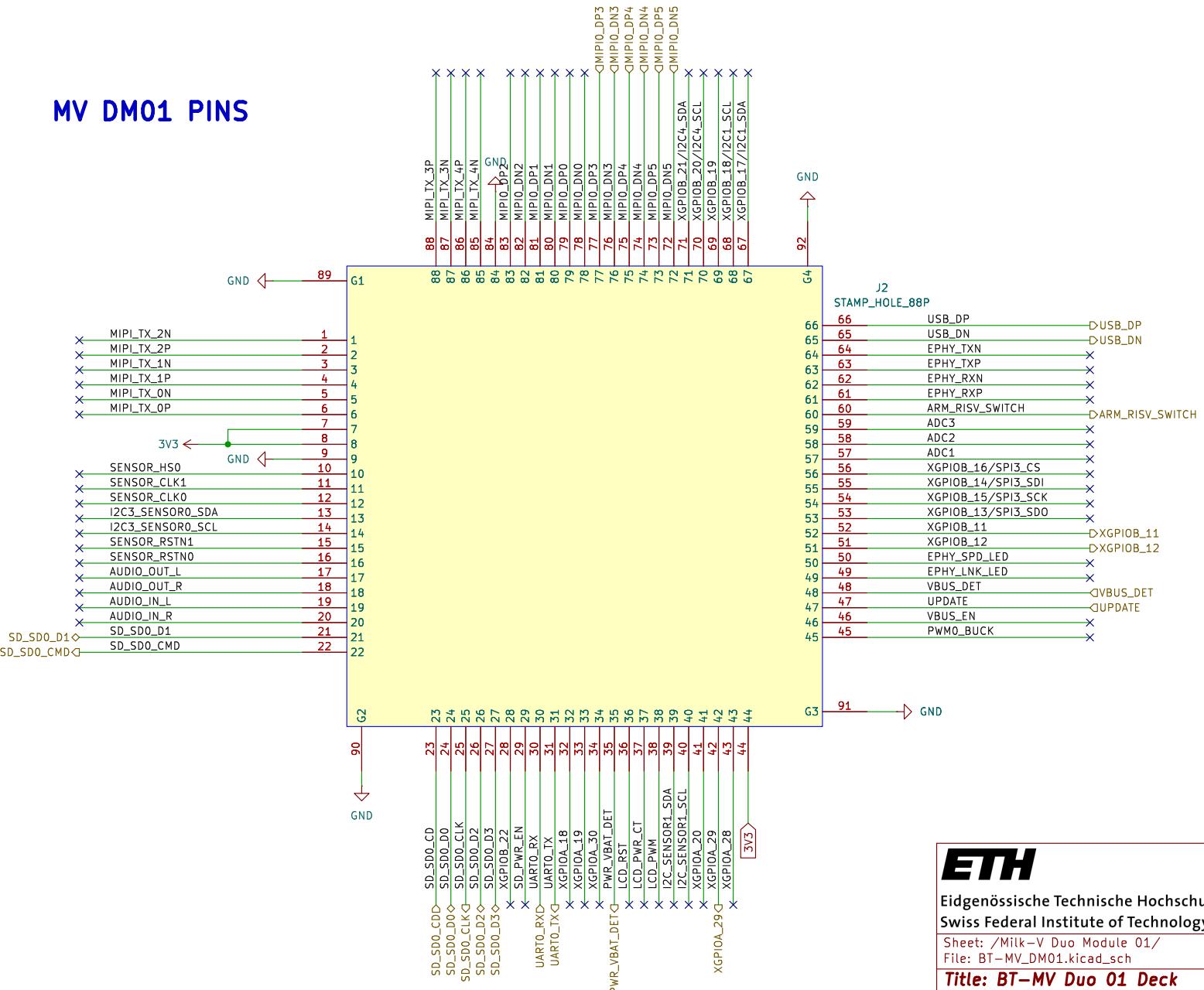
Size: A4 Date:  
KiCad E.D.A. 9.0.2

Rev:  
Id: 5/7

1 2 3 4 5 6



# MV DM01 PINS



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Sheet: /Milk-V Duo Module 01/  
File: BT-MV\_DM01.kicad\_sch

Title: BT-MV Duo 01 Deck

Size: A4 Date: 4.11.2025

KiCad E.D.A. 9.0.2

Rev: A

Id: 7/7