

N3ttx

Sheet: /  
File: CM4\_JBOD\_Control\_Board.kicad\_sch

**Title: JBOD RPi CM4 Control Board - CM4**

Size: A3  
KiCad E.D.A. 8.0.5

Date: 2024-10-05

Rev: 1

Id: 1/5

Fan-Control

File: FanControl.kicad\_sch

Temp-Control

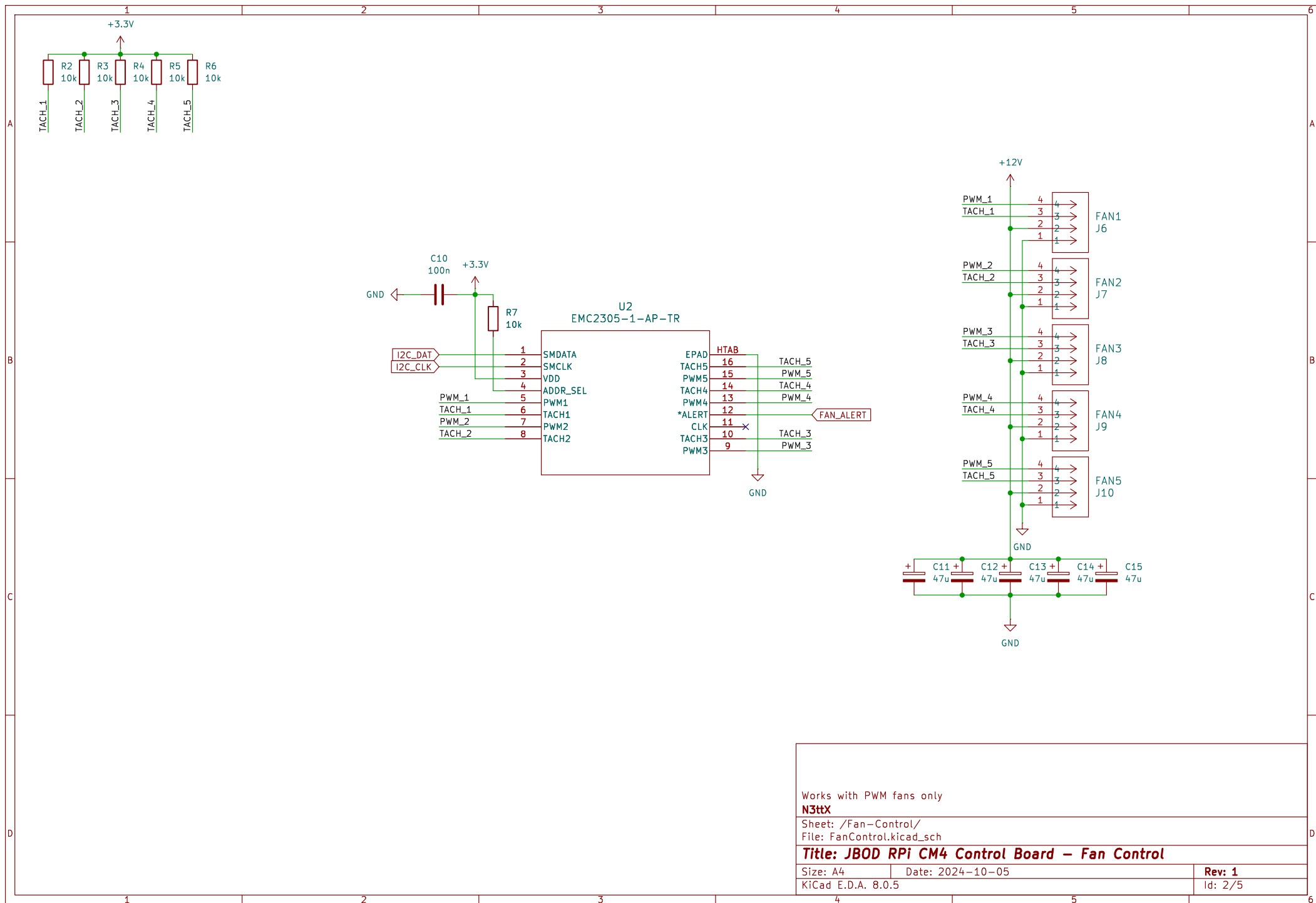
File: TempControl.kicad\_sch

Connectors

File: Connectors.kicad\_sch

Misc-Systems

File: Misc-Systems.kicad\_sch



Works with PWM fans only

**N3ttX**

Sheet: /Fan-Control/

File: FanControl.kicad\_sch

**Title: JBOD RPi CM4 Control Board – Fan Control**

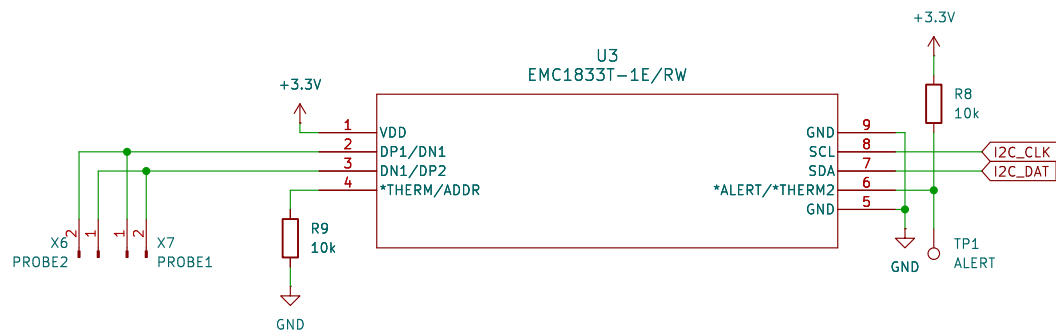
Size: A4

Date: 2024-10-05

Rev: 1

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Id: 2/5

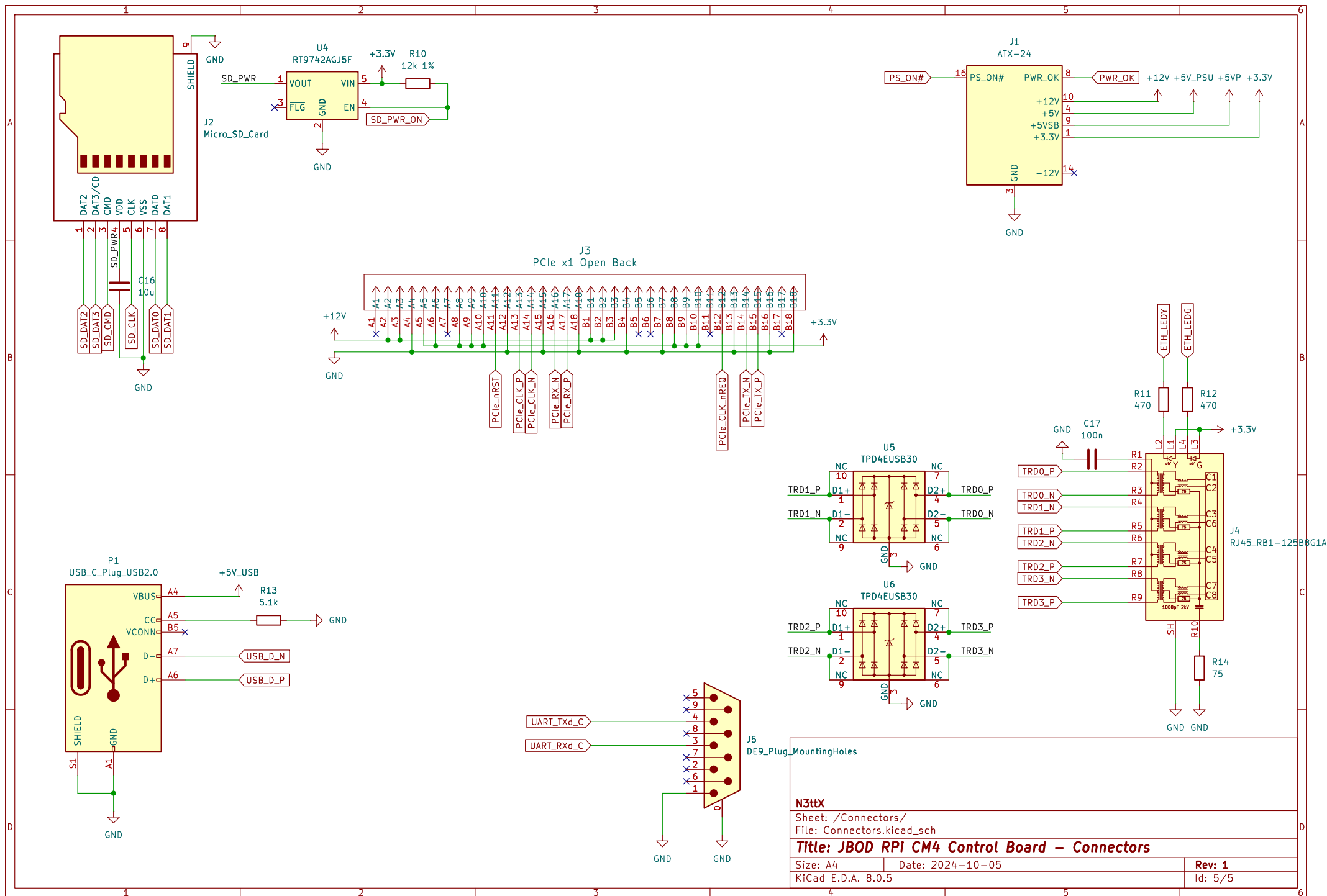


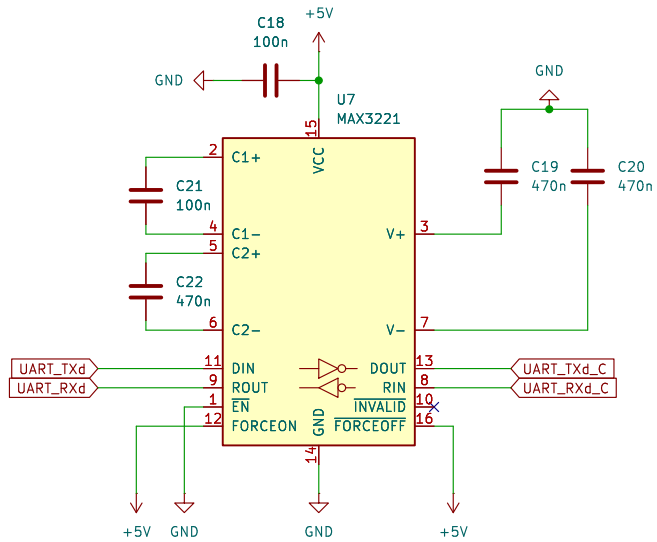
C and B tied together  
Use 2N3904 as temperature probe  
**N3ttX**

Sheet: /Temp-Control/  
File: TempControl.kicad\_sch

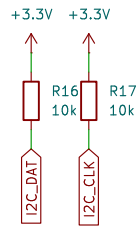
**Title: JBOD RPi CM4 Control Board – Temperature Sensing**

Size: A4	Date: 2024-10-05	Rev: 1
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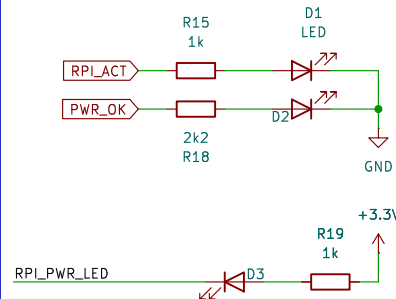




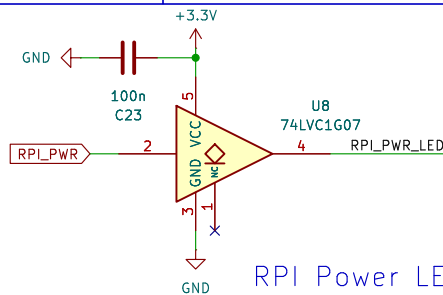
UART 3.3v -> 5V Converter



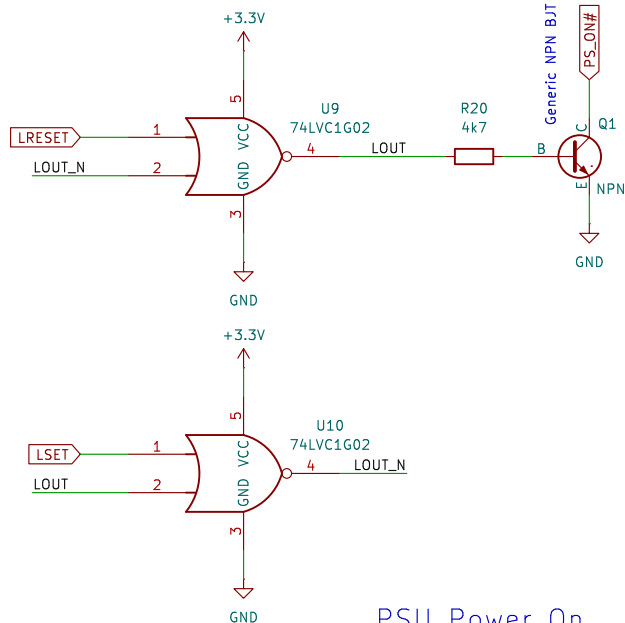
I2C Pullup



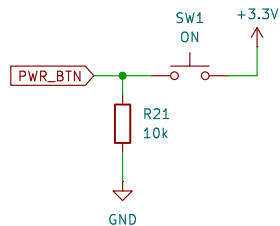
Status LEDs



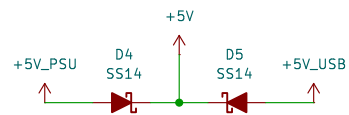
RPI Power LED Control



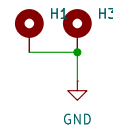
PSU Power On



Power Button



+5V collision unfuck



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Sheet: /Misc-Systems/  
File: Misc-Systems.kicad\_sch

**Title: JBOD RPi CM4 Control Board - Misc circuitry**

Size: A4 Date: 2024-10-05

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