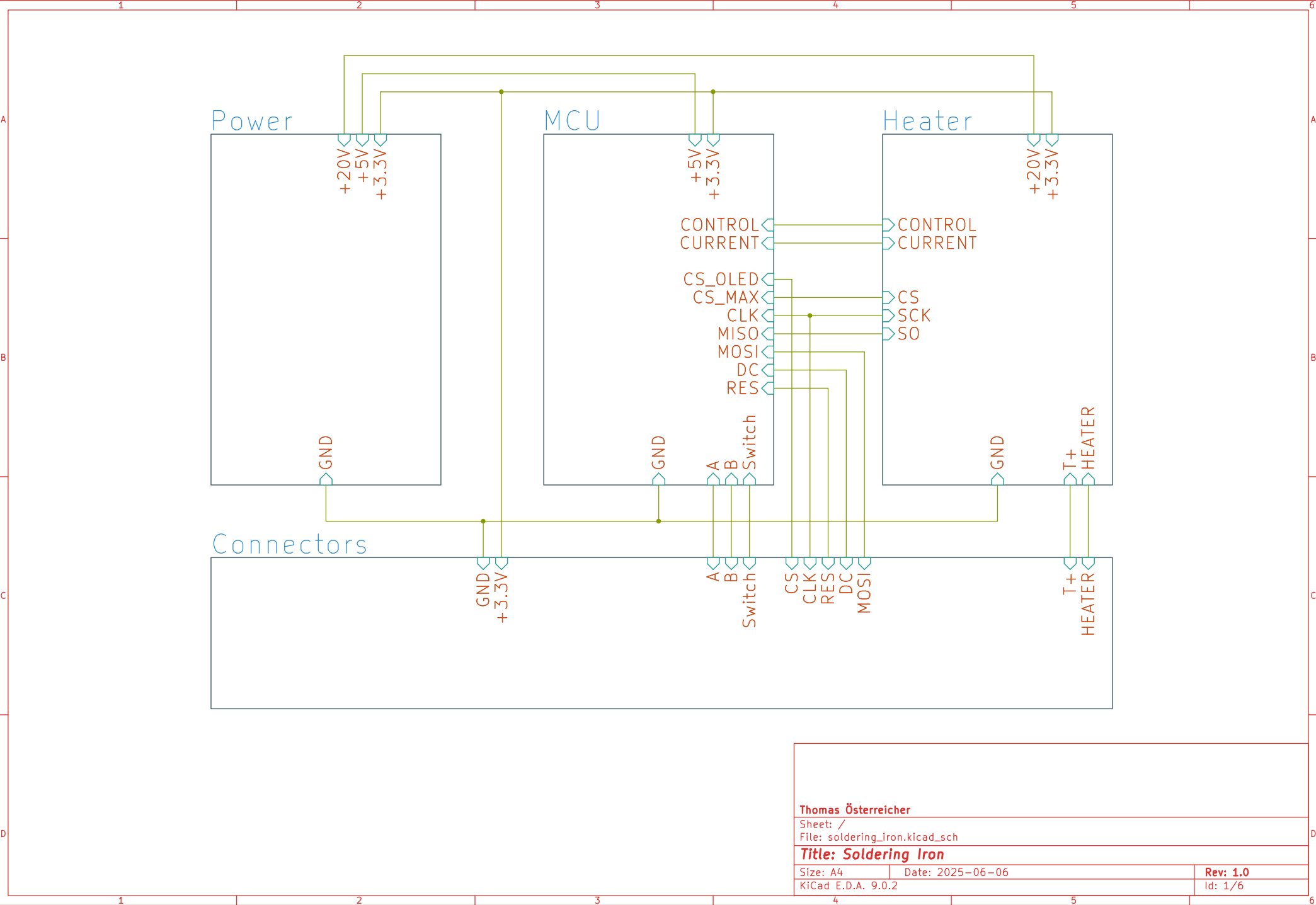




Thomas Österreichischer

Sheet: /
File: soldering_iron.kicad_sch

Title: Soldering Iron

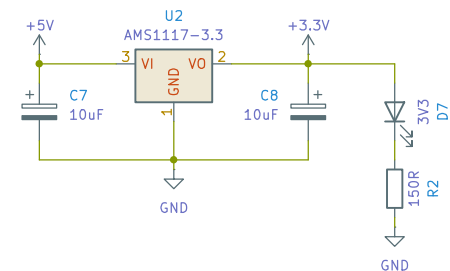
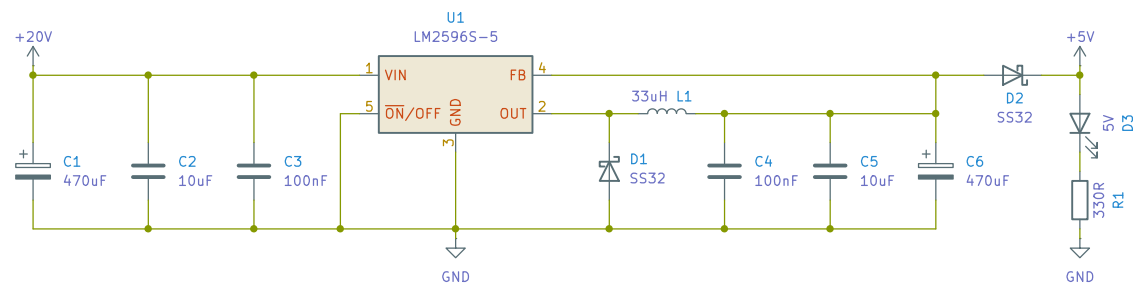
Size: A4 Date: 2025-06-06

KiCad E.D.A. 9.0.2

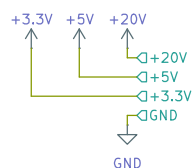
Rev: 1.0

Id: 1/6

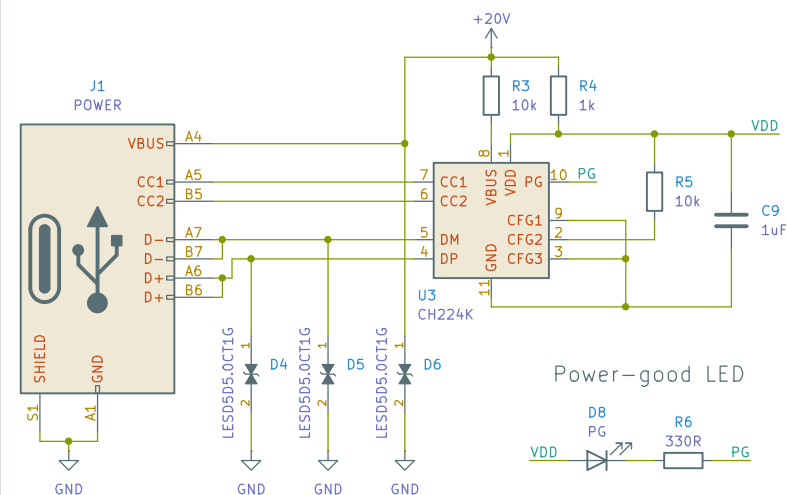
Voltage regulation



Voltage Rails



PD-controller



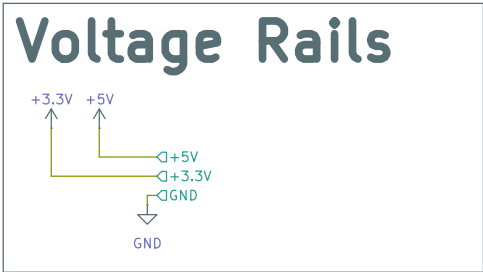
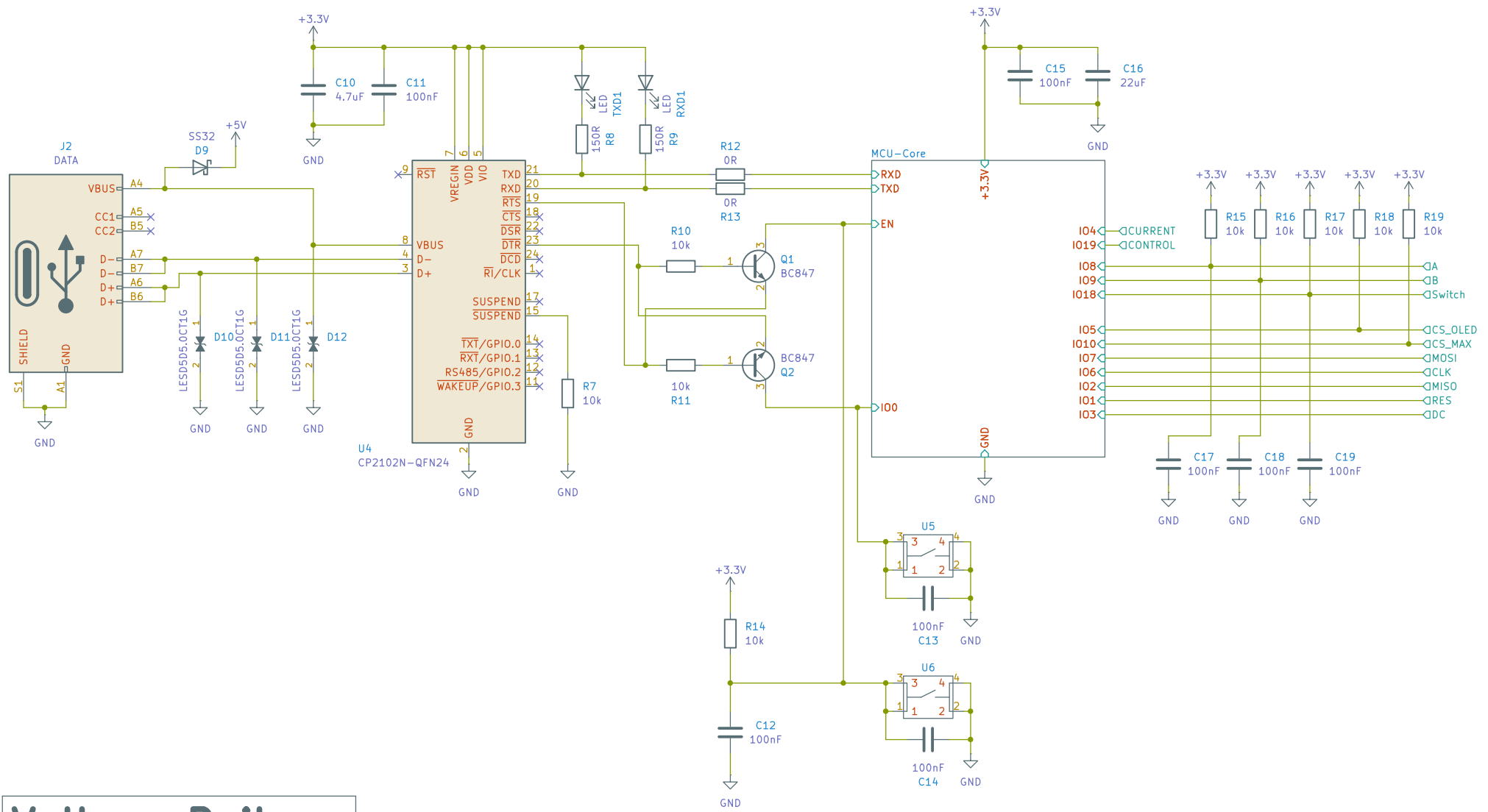
Power-PD chip for setting up 20V from USB-C, Step-down to 5V, LDO to 3.3V
Thomas Österreich

Sheet: /Power/
File: Power.kicad_sch

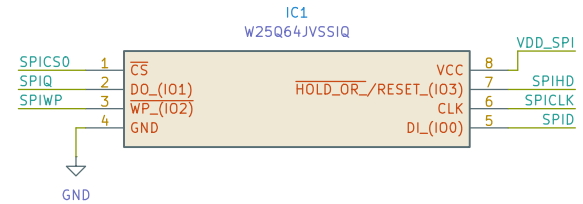
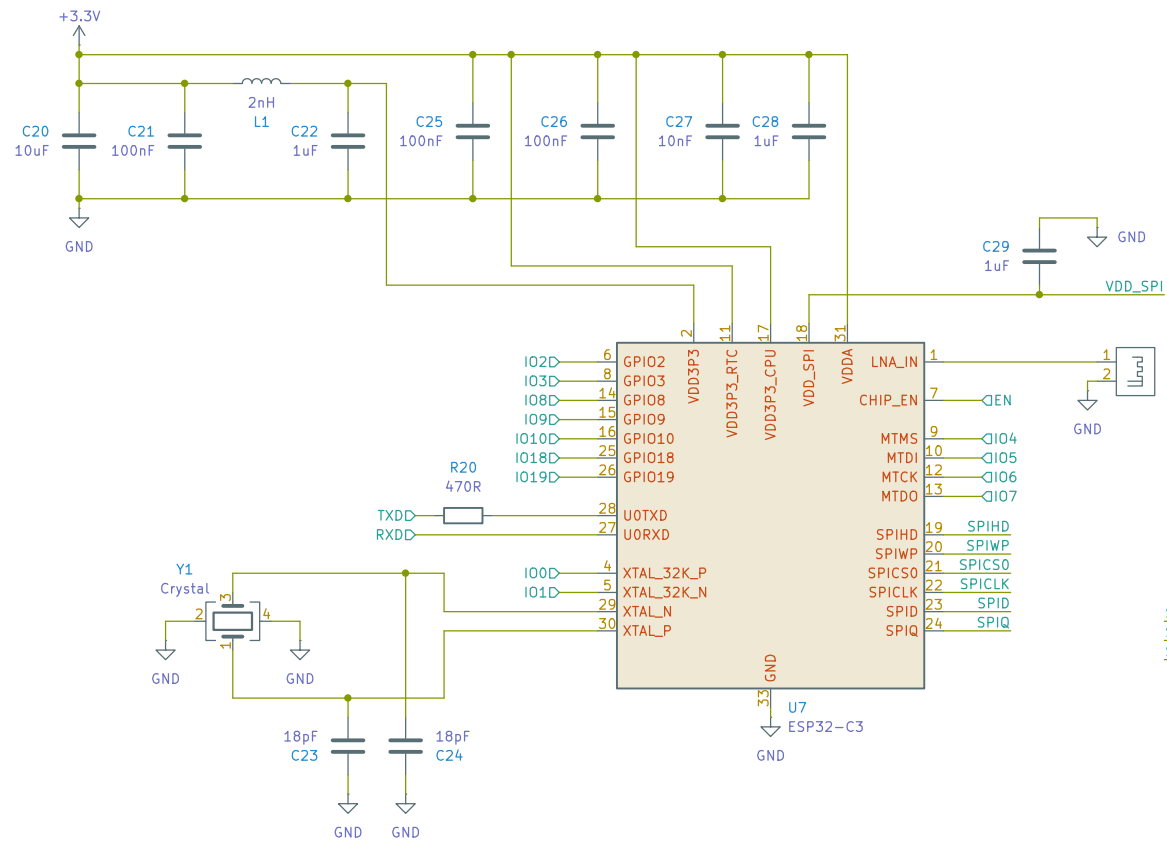
Title: Power

Size: A4 Date: 2025-05-22
KiCad E.D.A. 9.0.2

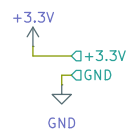
Rev:
Id: 2/6



Thomas Österreichicher		
Sheet: /MCU/		
File: MCU.kicad_sch		
Title: MCU		
Size: A4	Date: 2025-06-06	Rev: 1.0
KiCad E.D.A. 9.0.2	Id: 3/6	



Voltage Rails



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Sheet: /MCU/MCU-Core/

File: MCU_Core.kicad_sch

Title:

Size: A4

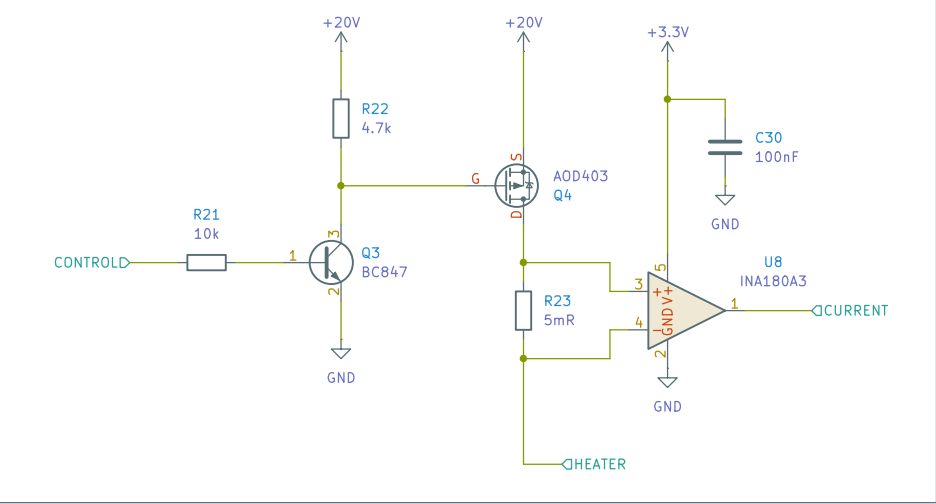
Date:

KiCad E.D.A. 9.0.2

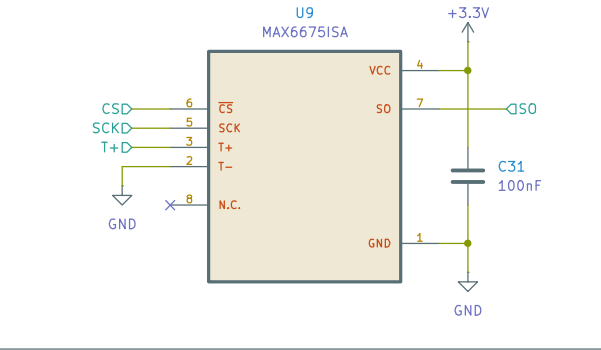
Rev:

Id: 4/6

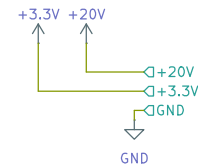
Heater driver



Thermocouple



Voltage Rails



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Sheet: /Heater/
File: Heater.kicad_sch

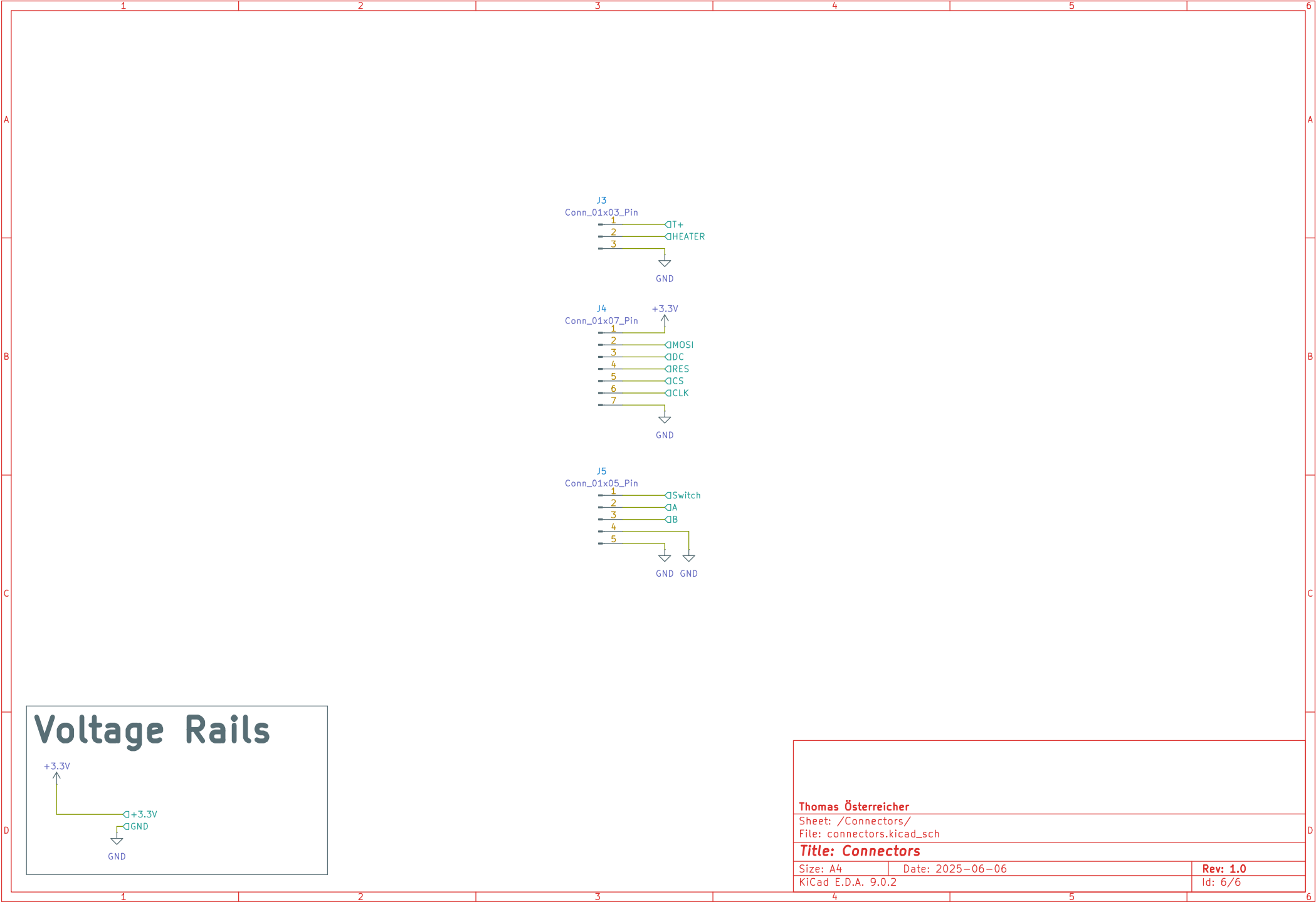
Title: Heater

Size: A4
KiCad E.D.A. 9.0.2

Date: 2025-06-06

Rev: 1.0

Id: 5/6



Thomas Österreich

Sheet: /Connectors/
File: connectors.kicad_sch

Title: Connectors

Size: A4
KiCad E.D.A. 9.0.2

Date: 2025-06-06

Rev: 1.0

Id: 6/6