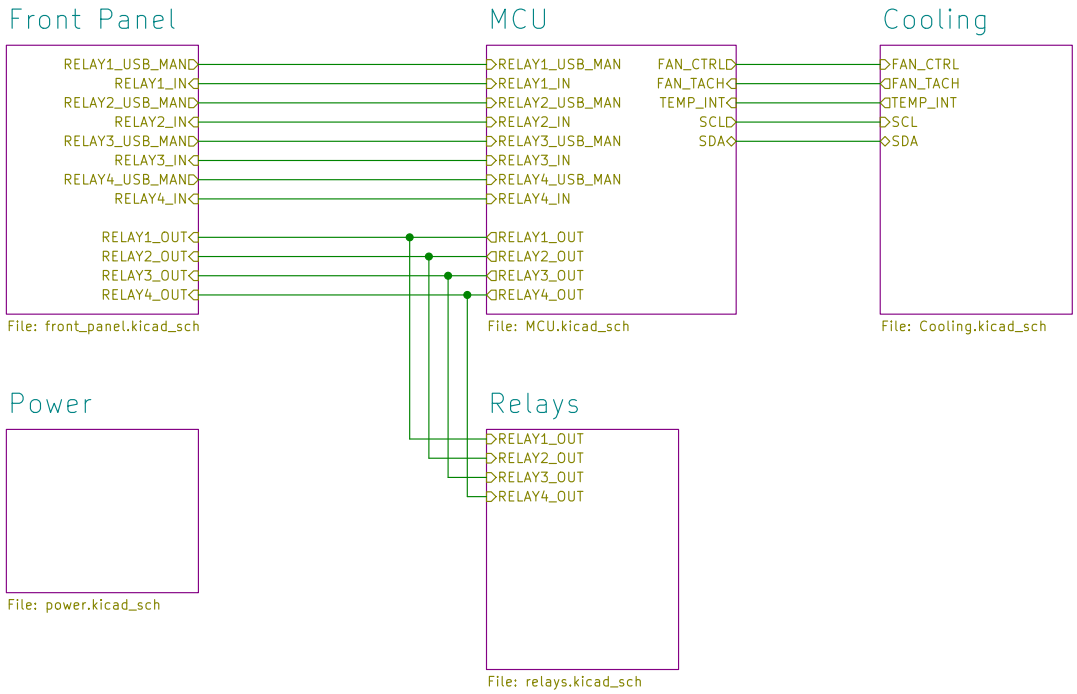


H1 MountingHole

H2 MountingHole

H3 MountingHole

H4 MountingHole

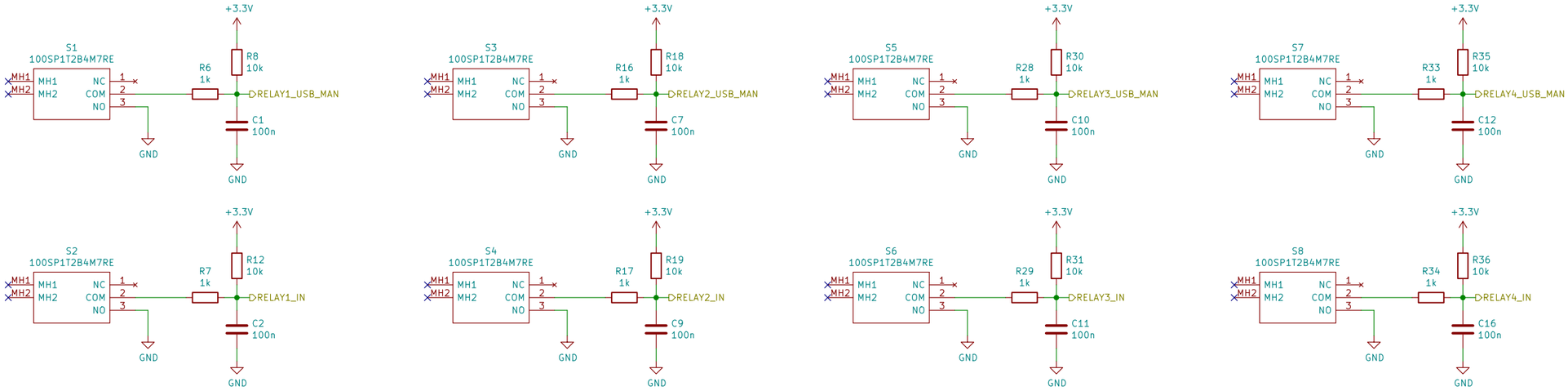
Designed by: Priit Tänav
Deeply Embedded OÜ

Sheet: /
File: PRS_relay_board.kicad_sch

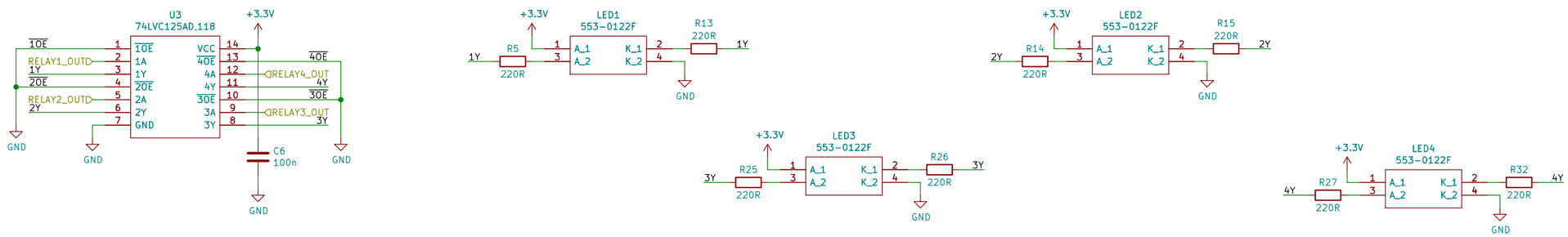
Title: PRS Relay Board

Size: A4	Date: 2023-02-20	**Rev: 1.0**
KiCad E.D.A.	kicad 6.0.11-2627ca5db0~126~ubuntu20.04.1	Id: 1/6

SWITCHES



STATUS LEDS



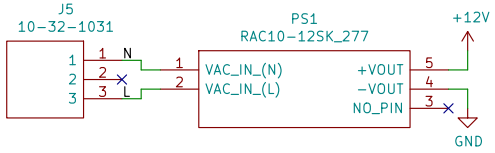
Designed by: Priit Tänav
Deeply Embedded OÜ

Sheet: /Front Panel/
File: front_panel.kicad_sch

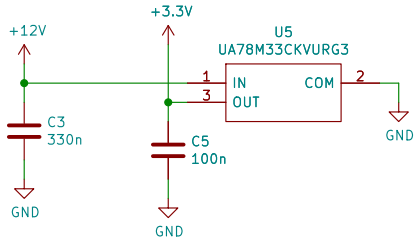
Title: PRS Front Panel

Size: A3	Date: 2023-02-20	**Rev: 1.0**
KiCad E.D.A. kicad 6.0.11-2627ca5db0-126-ubuntu20.04.1		Id: 2/6

230V AC -> 12V DC

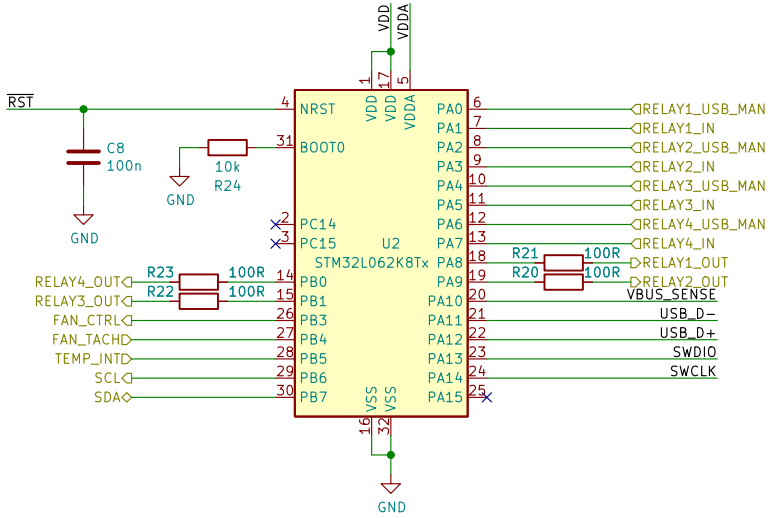


12V DC -> 3.3V DC

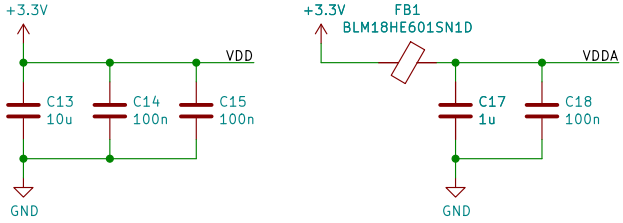


Designed by: Priit Tänav **Deeply Embedded OÜ**		
Sheet: /Power/ File: power.kicad_sch		
Title: PRS Power		
Size: A4	Date: 2023-02-20	**Rev: 1.0**
KiCad E.D.A. kicad 6.0.11-2627ca5db0~126~ubuntu20.04.1		Id: 3/6

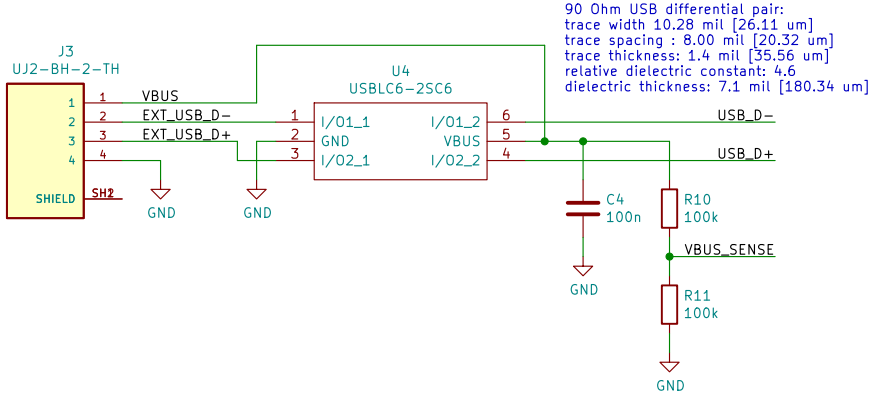
MCU



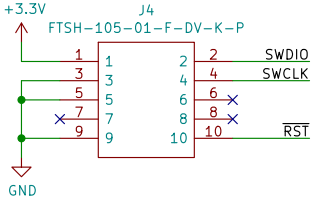
DECOUPLING



USB



DEBUG



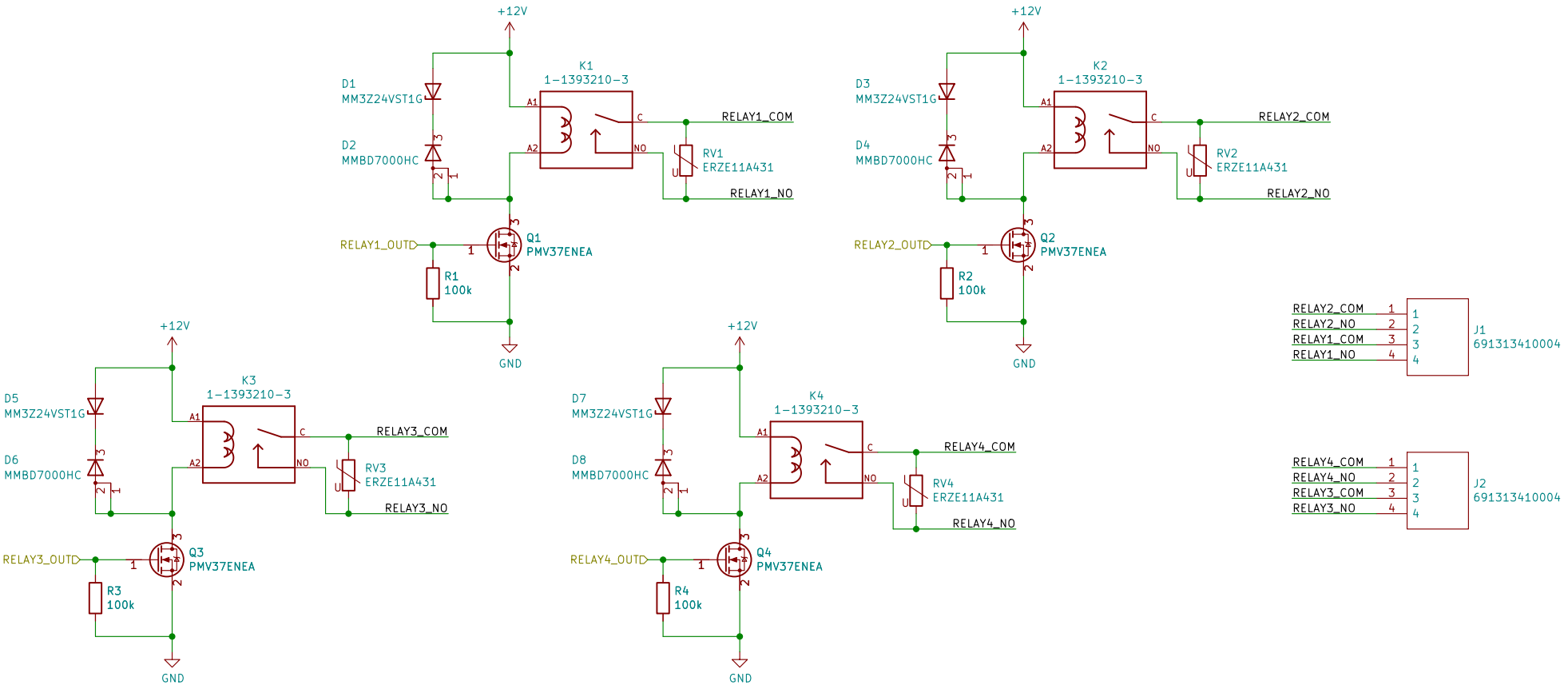
Designed by: Priit Tänav
Deeply Embedded OÜ

Sheet: /MCU/
File: MCU.kicad_sch

Title: PRS MCU

Size: A4	Date: 2023-02-20	**Rev: 1.0**
KiCad E.D.A. kicad 6.0.11-2627ca5db0~126~ubuntu20.04.1		Id: 4/6

RELAYS

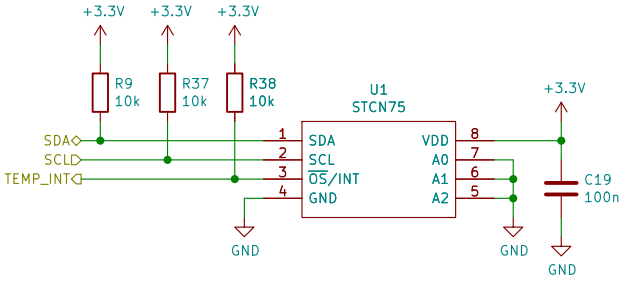


Designed by: Priit Tänav
Deeply Embedded OÜ
Sheet: /Relays/
File: relays.kicad_sch

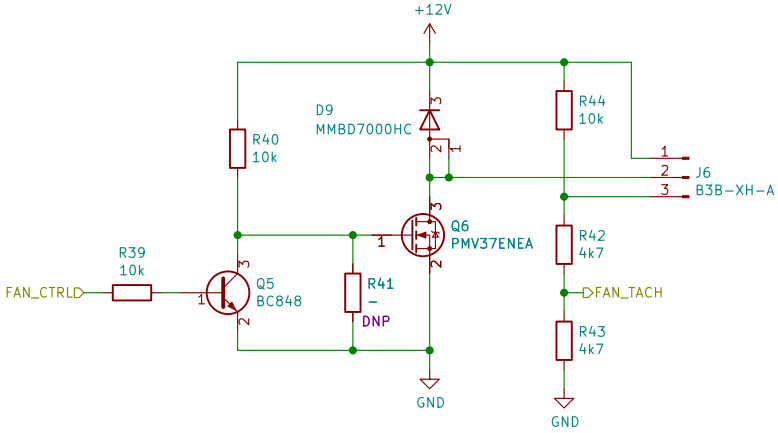
Title: PRS Relays

Size: A4	Date: 2023-02-20	**Rev: 1.0**
KiCad E.D.A. kicad 6.0.11-2627ca5db0~126~ubuntu20.04.1		Id: 5/6

TEMPERATURE SENSOR



FAN



Designed by: Priit Tänav **Deeply Embedded OÜ**		
Sheet: /Cooling/ File: Cooling.kicad_sch		
Title: PRS Cooling		
Size: A4	Date: 2023-02-20	**Rev: 1.0**
KiCad E.D.A. kicad 6.0.11-2627ca5db0~126~ubuntu20.04.1		Id: 6/6