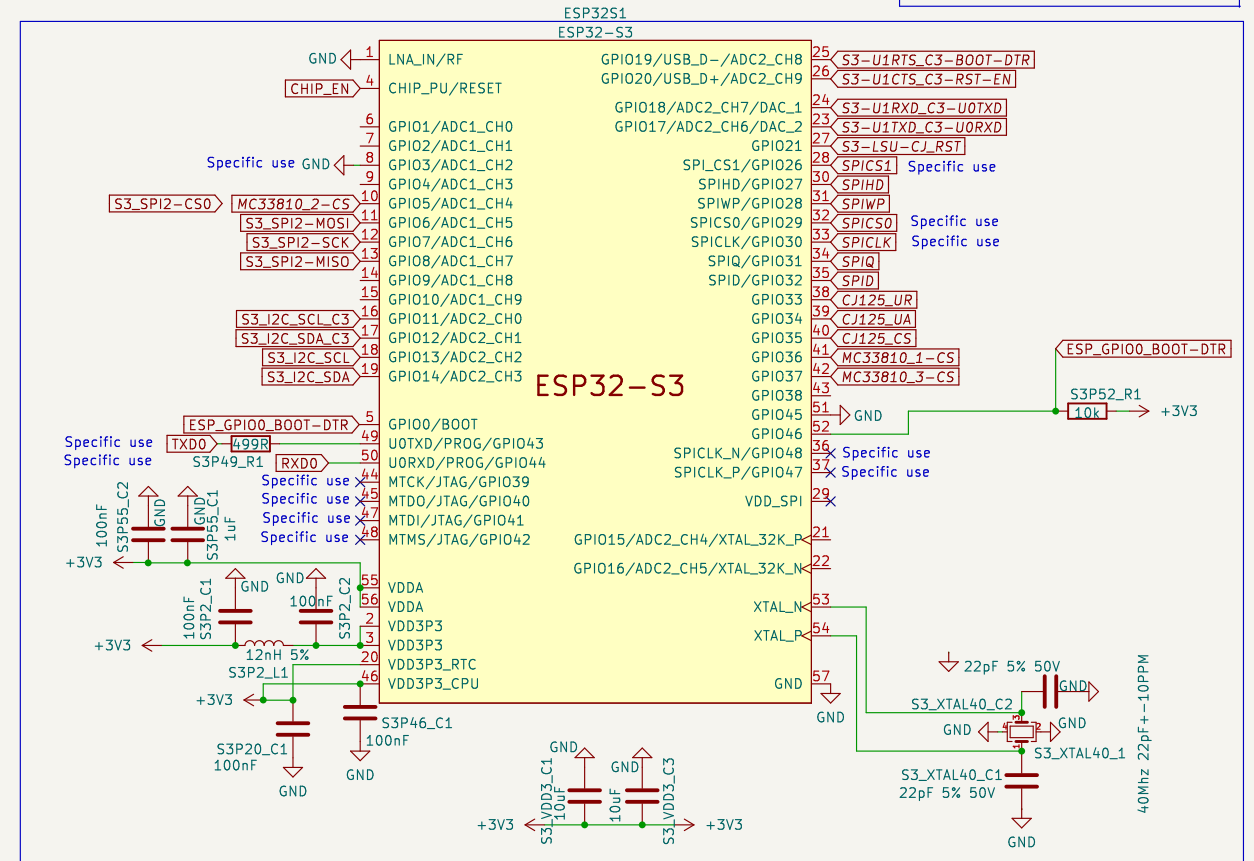
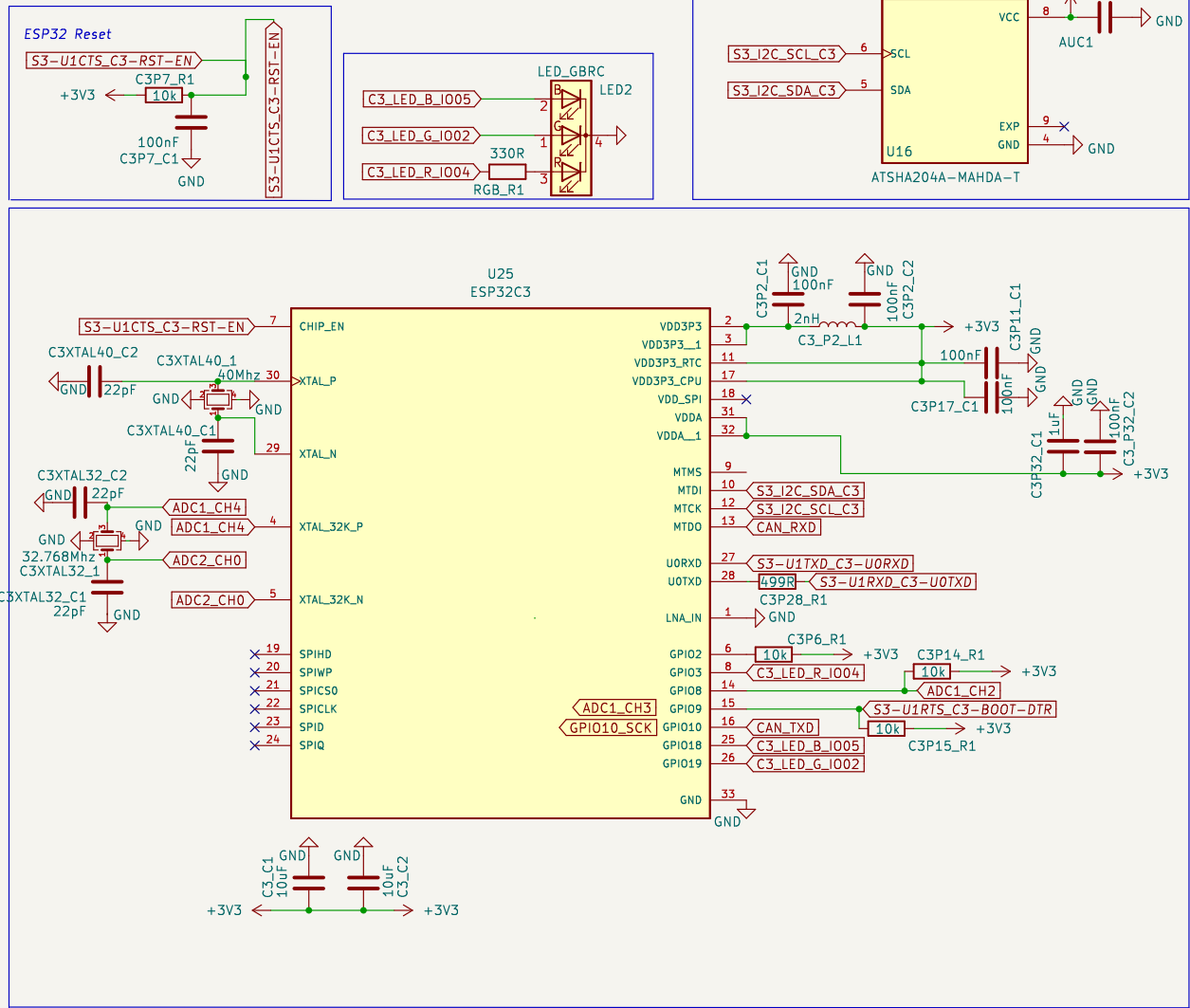


# TWAI MCU

# EMS MCU



Serial UART



File: serial\_uart.kicad\_sch

Comms



File: comms.kicad\_sch

WideBand O2 sensor



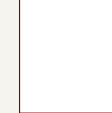
File: wideband\_sensor.kicad\_sch

Outputs



File: outputs.kicad\_sch

Power Regulator



File: Power regulator.kicad\_sch

Connectors



File: Connectors.kicad\_sch

External sensors



File: external\_sensors.kicad\_sch

Injection & Ignition



File: injection\_ignition.kicad\_sch

Crank and Cam



File: crank-cam.kicad\_sch

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<https://github.com/aeonSolutions/AeonLabs-AI-Volvo-MKII-Open-Hardware>  
**WWW.AEONLABS.SCIENCE**

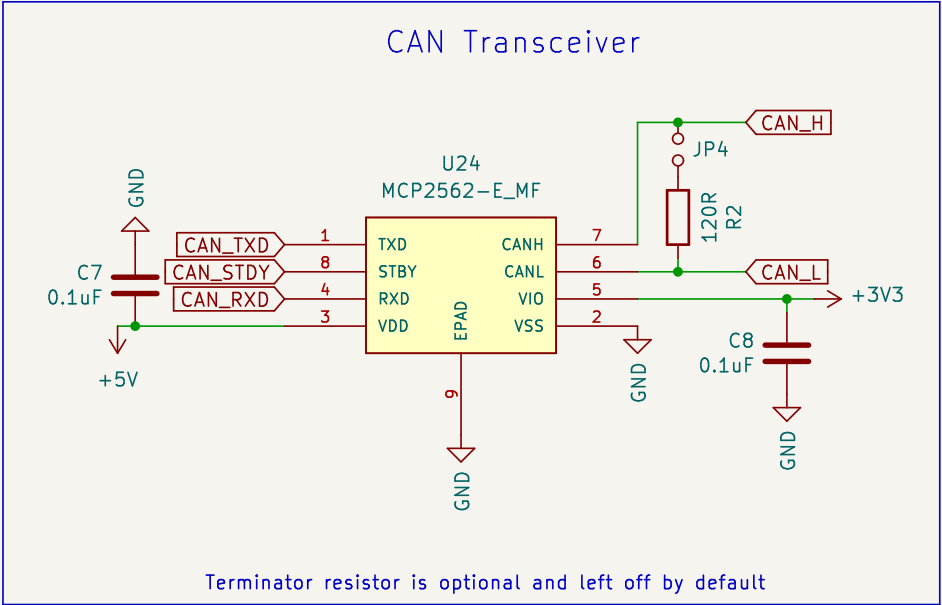
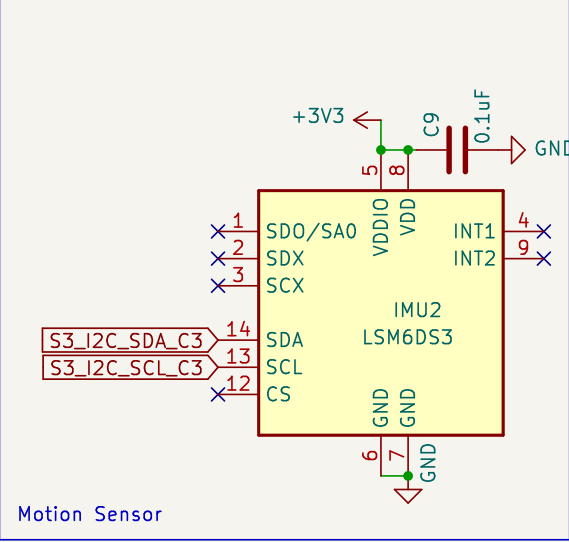
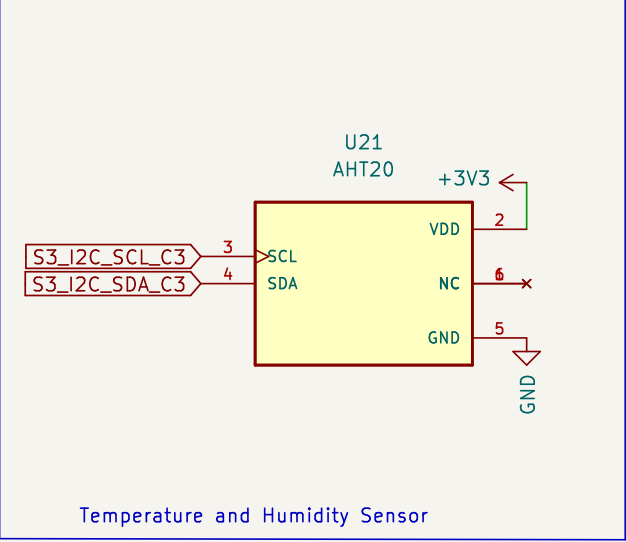
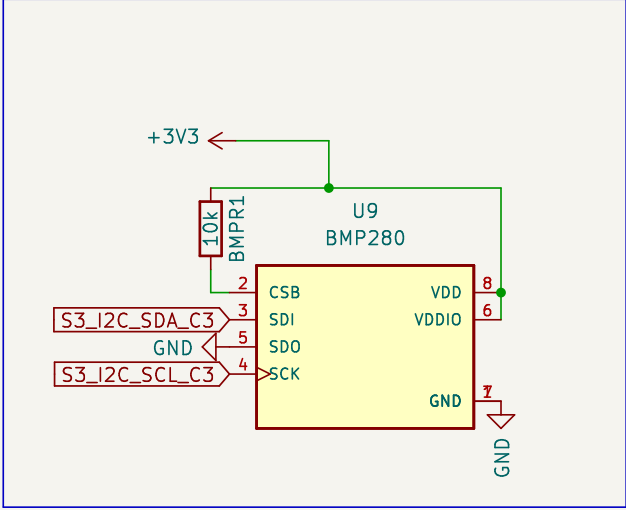
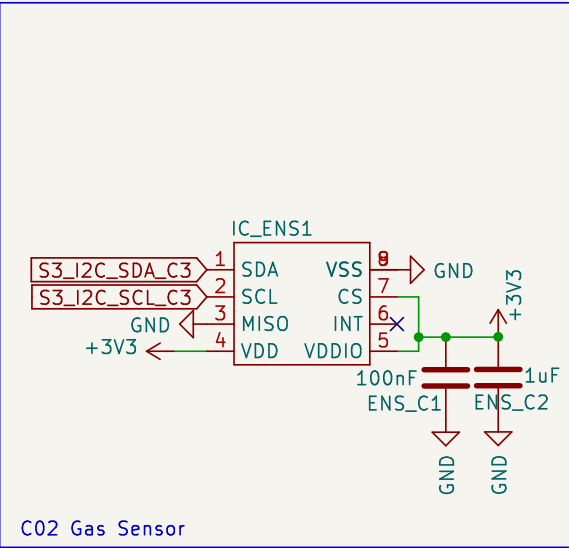
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File: OEM\_ECU.kicad\_sch

**Title: OPEN ECU**

Size: A3  
KiCad E.D.A. kicad 7.0.10

Date: 2023-12-11

Rev: 12-2023  
Id: 1/10



Terminator resistor is optional and left off by default

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<https://github.com/aeonSolutions/AeonLabs-AI-Volvo-MKII-Open-Hardware>  
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Sheet: /Comms/  
File: comms.kicad\_sch

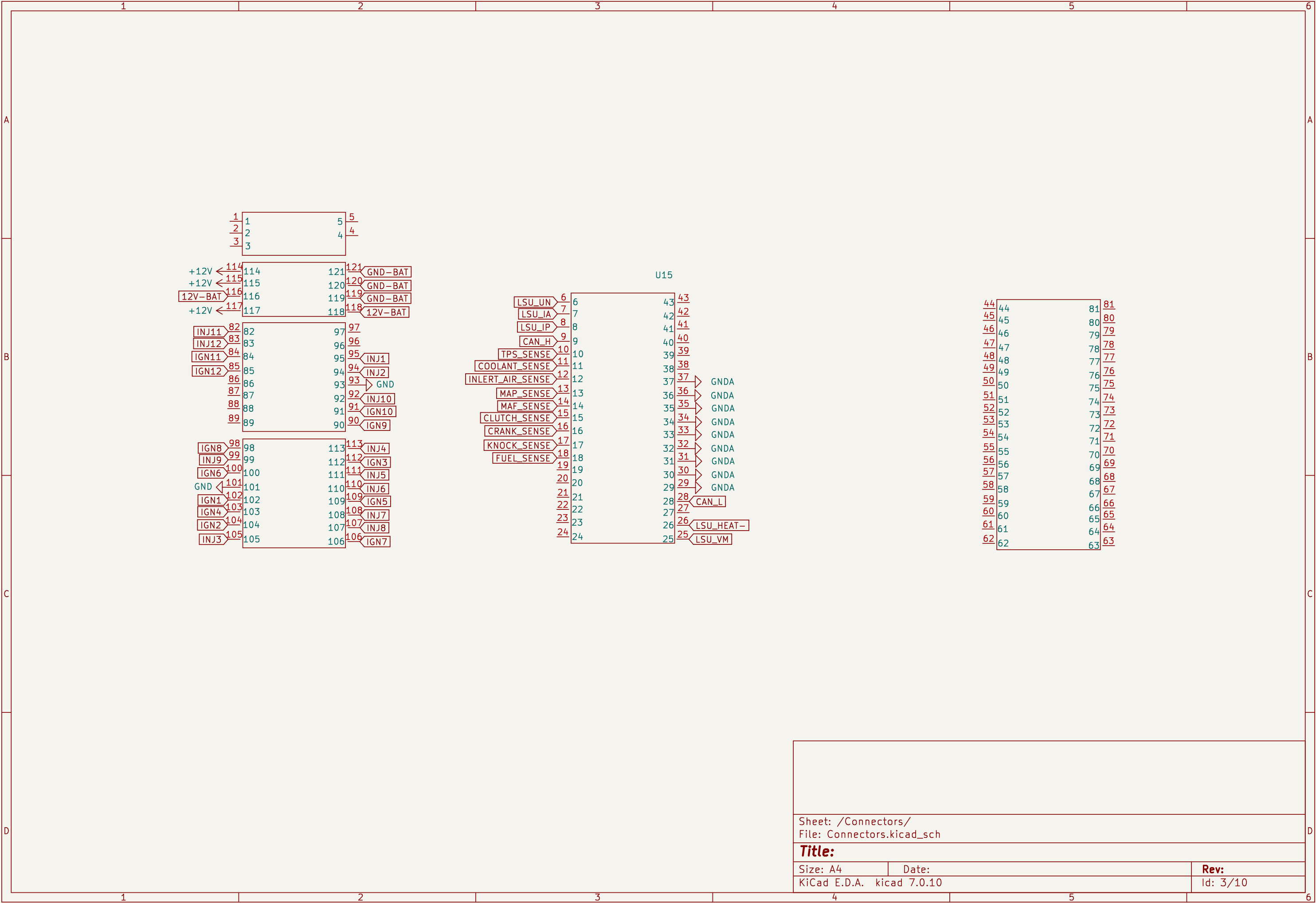
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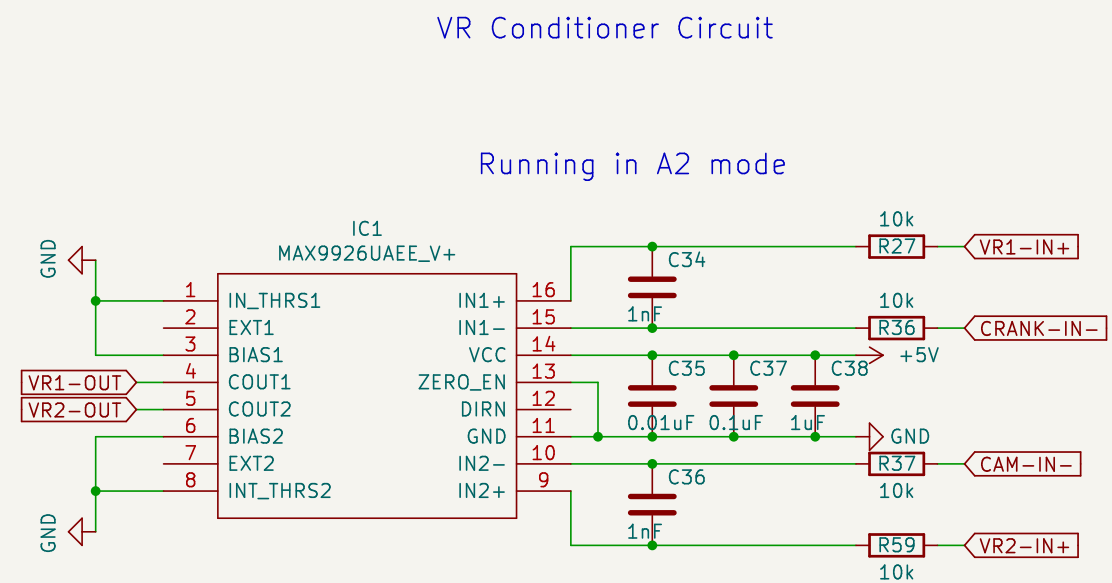
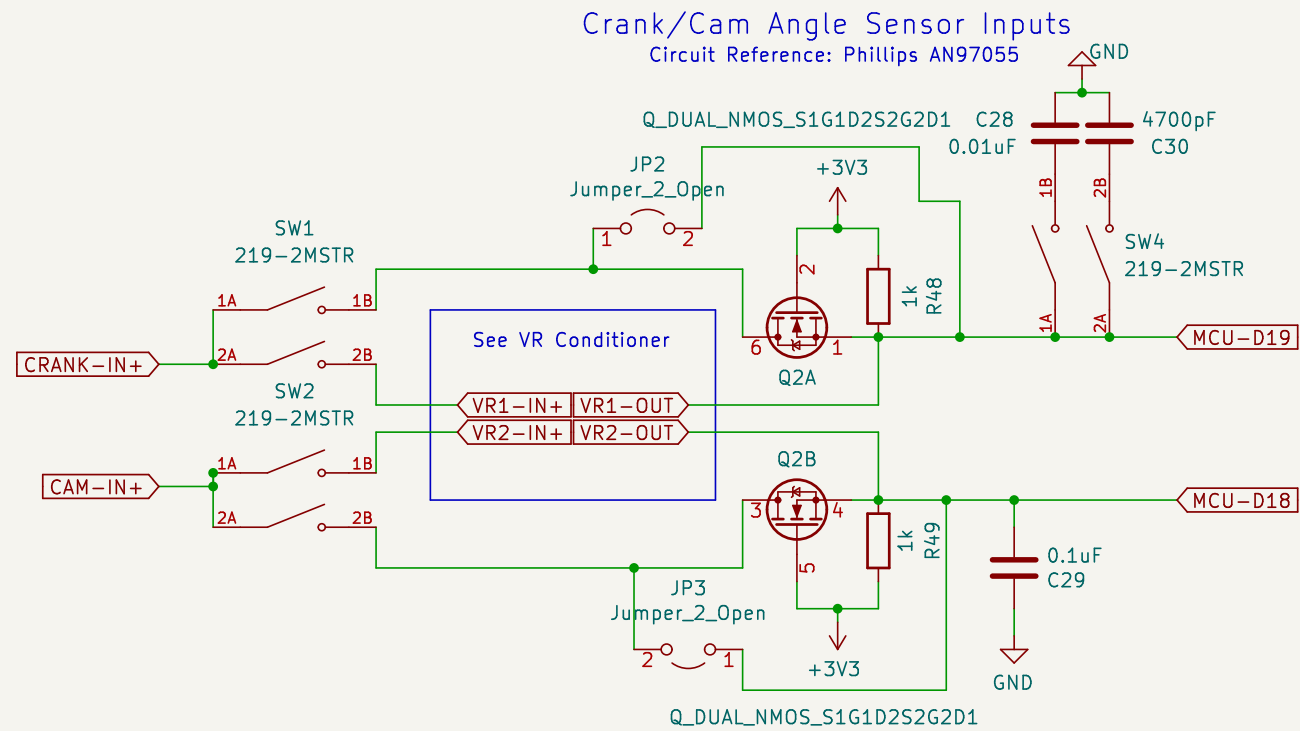
Size: A4 Date: 2023-12-14

KiCad E.D.A. kicad 7.0.10

**Rev: 12-2023**

Id: 2/10





Sheet: /Crank and Cam/  
File: crank-cam.kicad\_sch

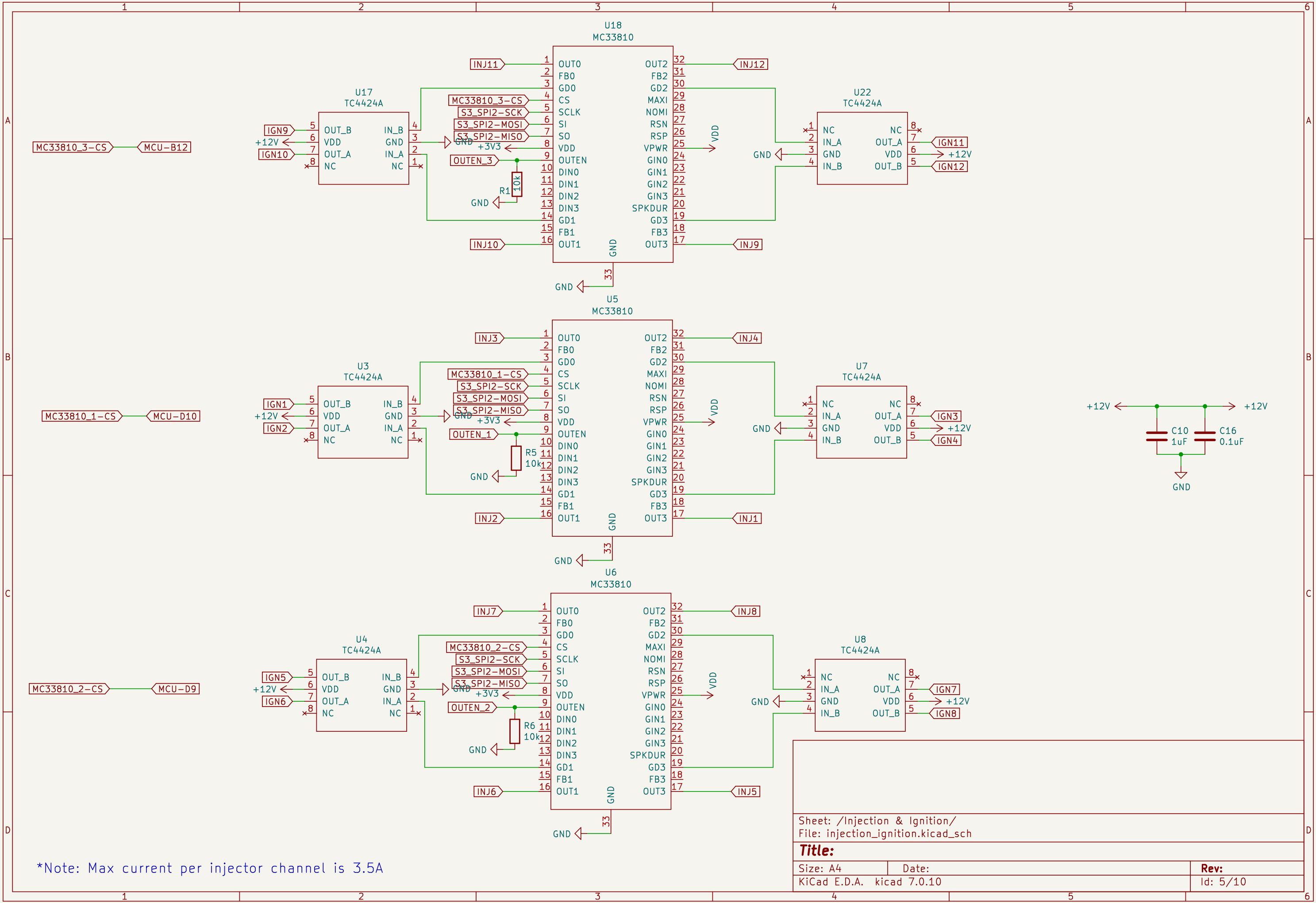
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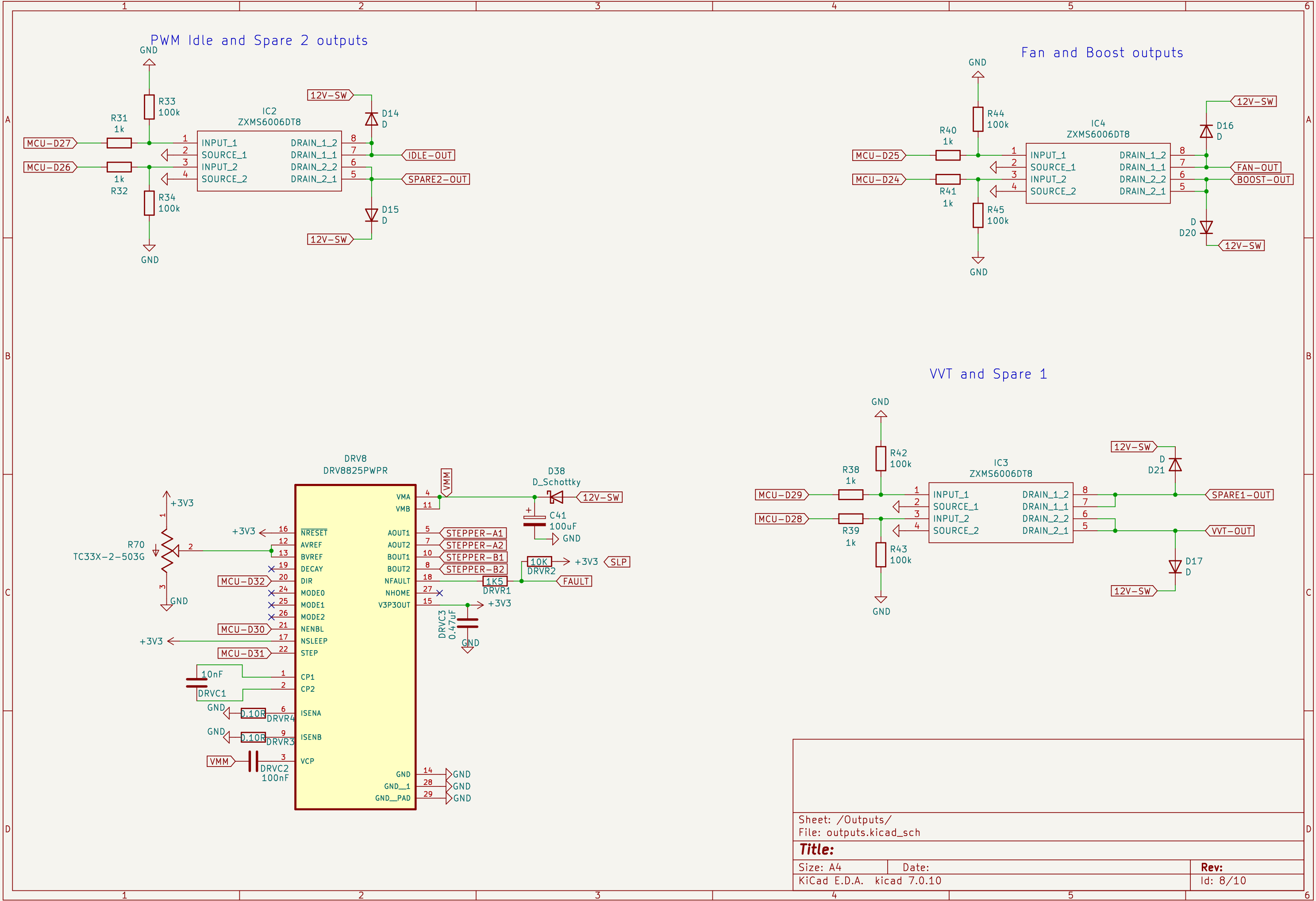
Size: A4  
KiCad E.D.A. kicad 7.0.10

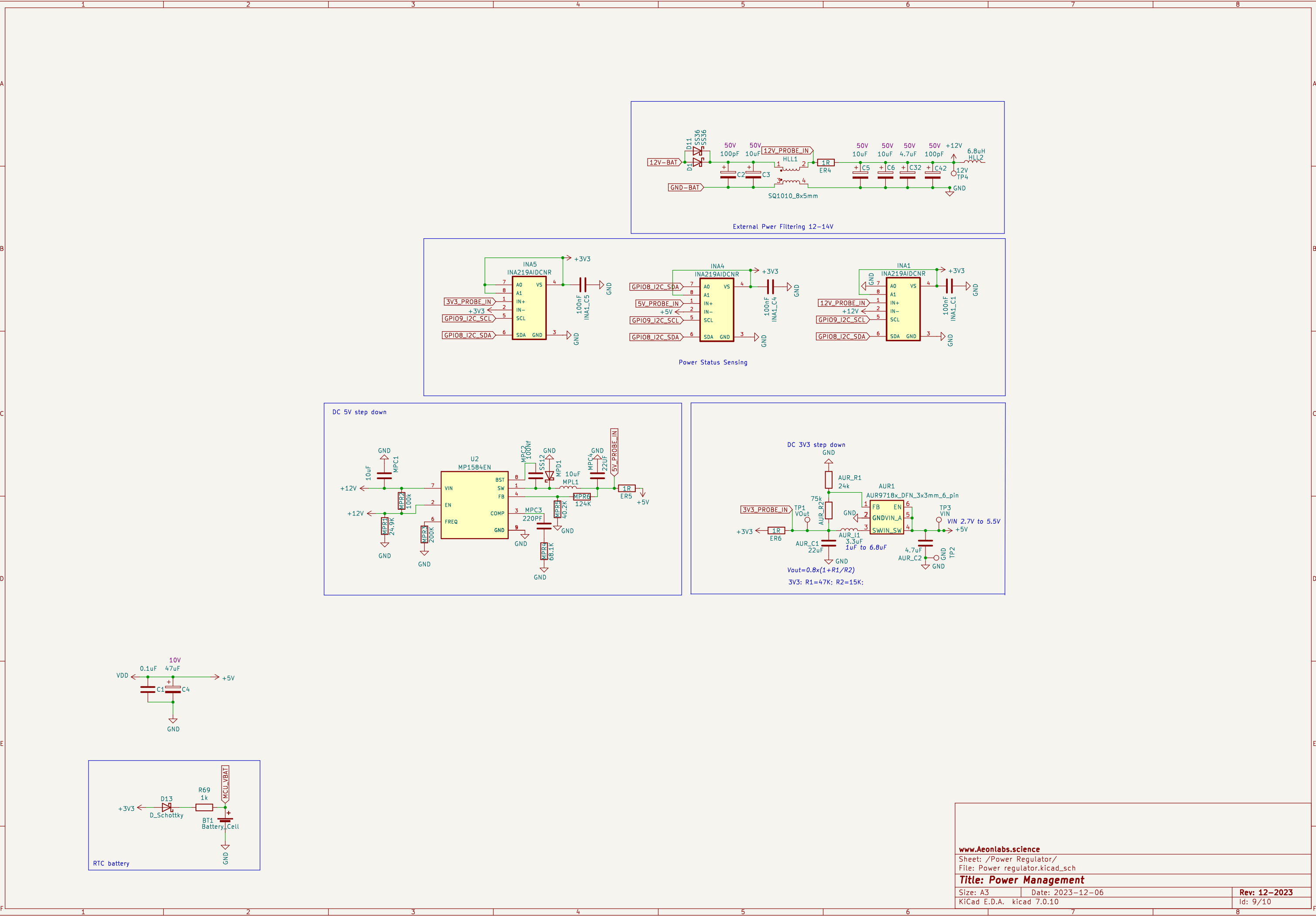
Date:

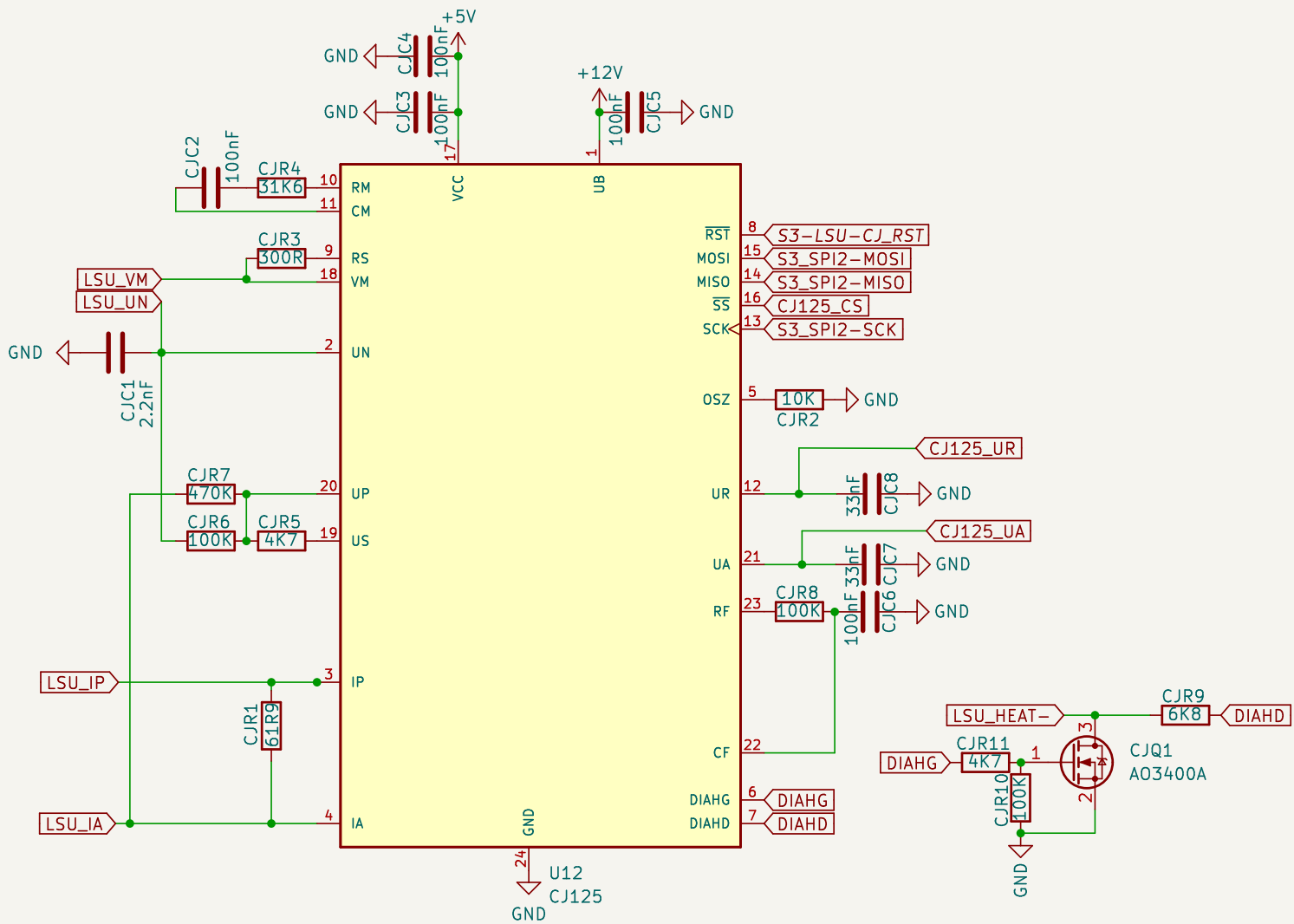
**Rev:**

Id: 4/10









Sheet: /WideBand O2 sensor/  
File: wideband\_sensor.kicad\_sch

**Title:**

|                           |       |           |
|---------------------------|-------|-----------|
| Size: A4                  | Date: | Rev:      |
| KiCad E.D.A. kicad 7.0.10 |       | Id: 10/10 |



