

# MCU

File: mcu.kicad\_sch

# Power

File: power.kicad\_sch

# Sensors

File: sensors.kicad\_sch

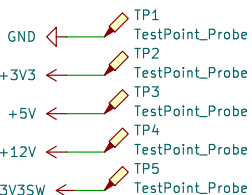
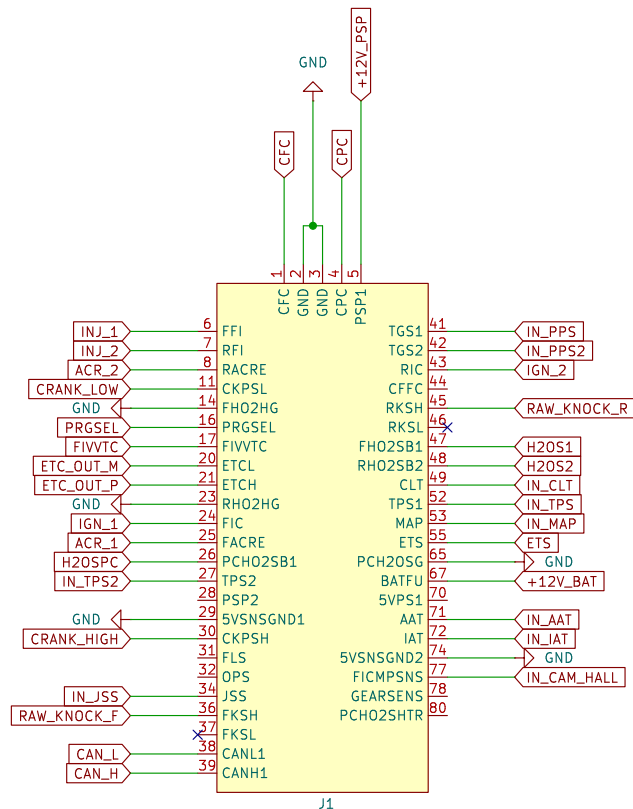
# Bluetooth

File: bluetooth.kicad\_sch

# Outputs

File: outputs.kicad\_sch

TODO:  
Do we need to connect PSP2? Like connect it directly to PSP1 or sth? Measure at OEM ECU.  
GEARSENS analyze the signal -> Kind of analog?  
CAM POSITION = FICMPSNS Hall effect or what is that?  
Knock Sensor LOW signals not needed?



# Hellen – Bremen

Sheet: /  
File: hellenbremen.kicad\_sch

**Title:**

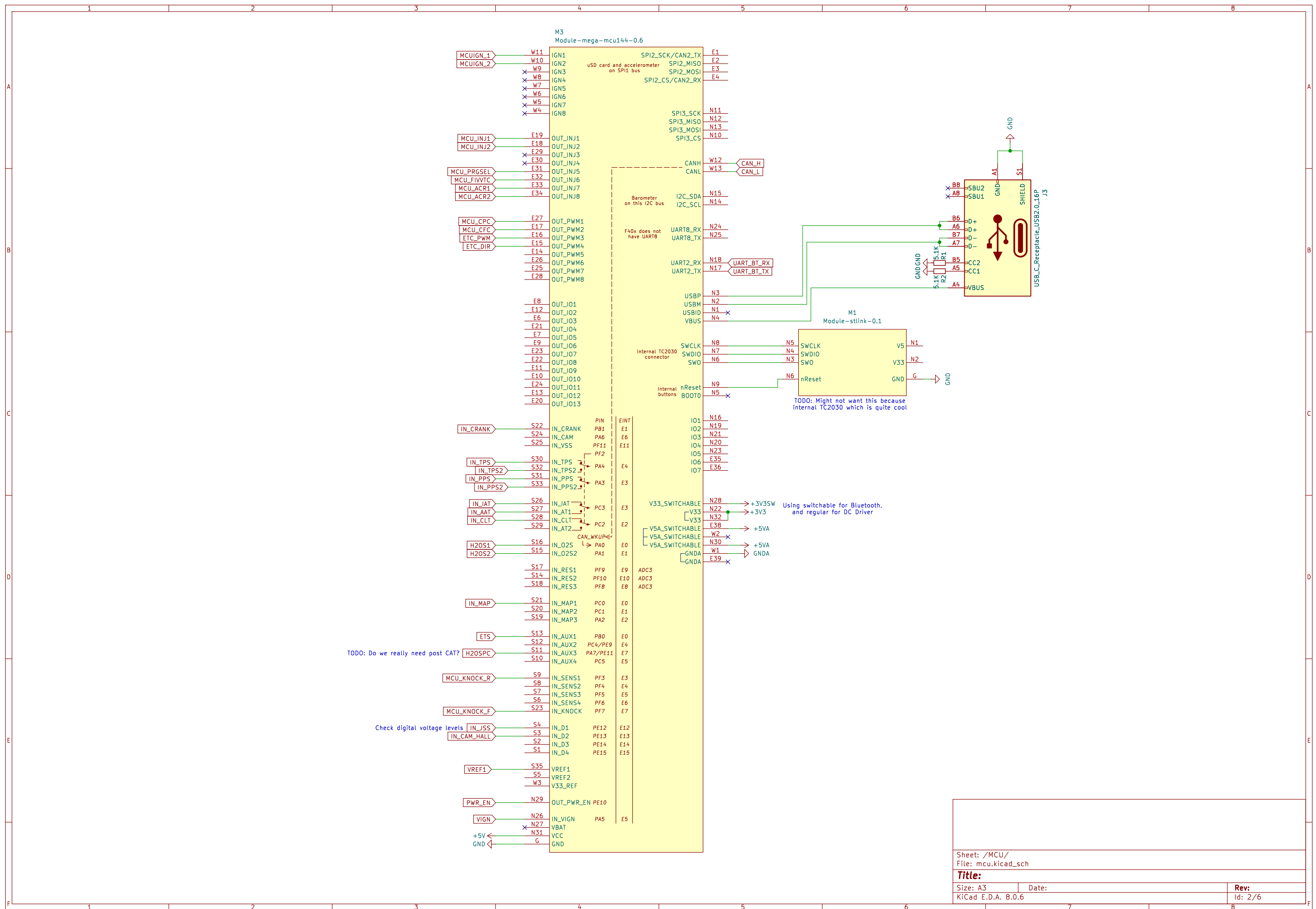
Size: A4

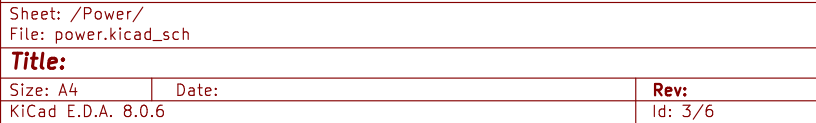
Date:

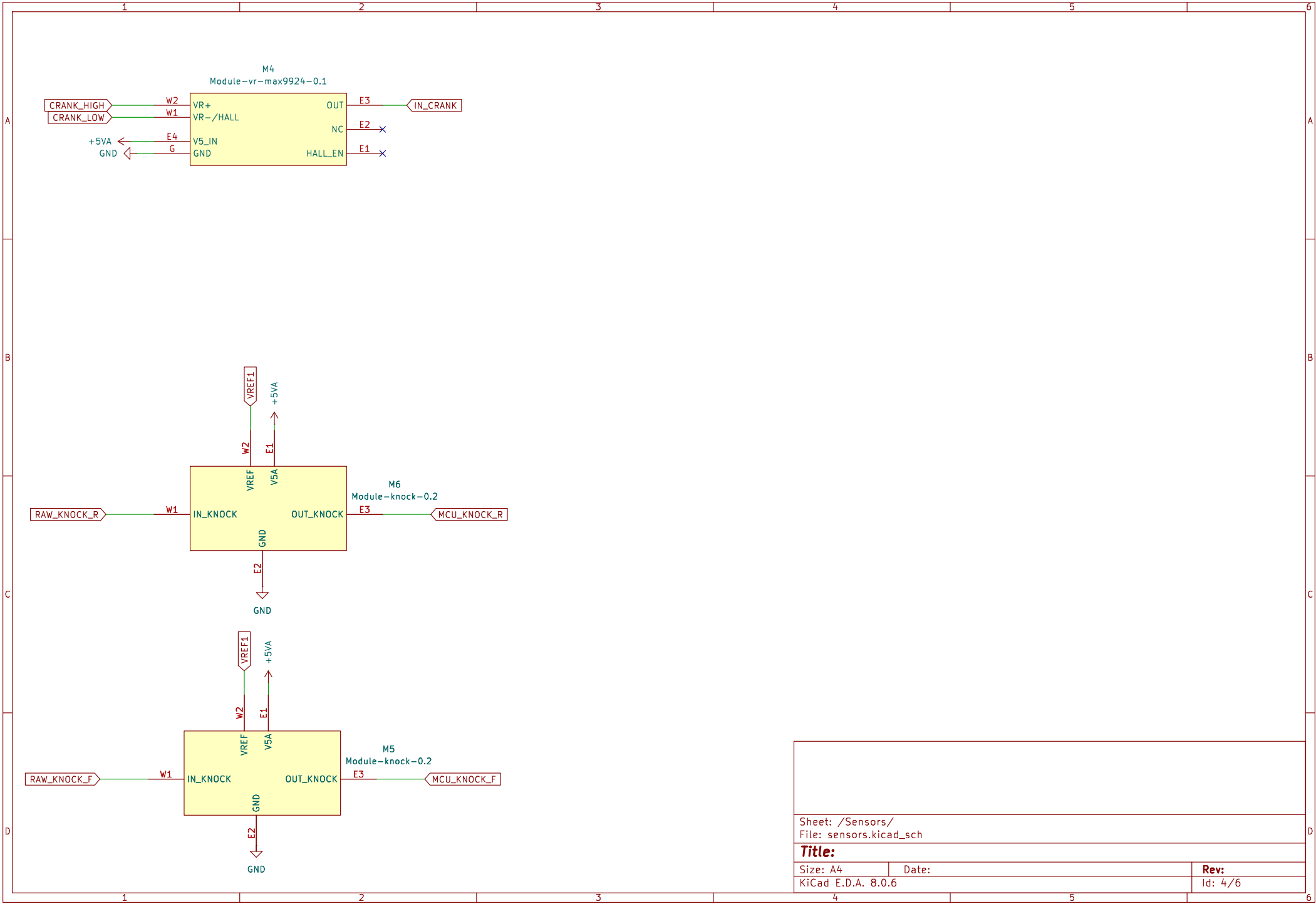
KiCad E.D.A. 8.0.6

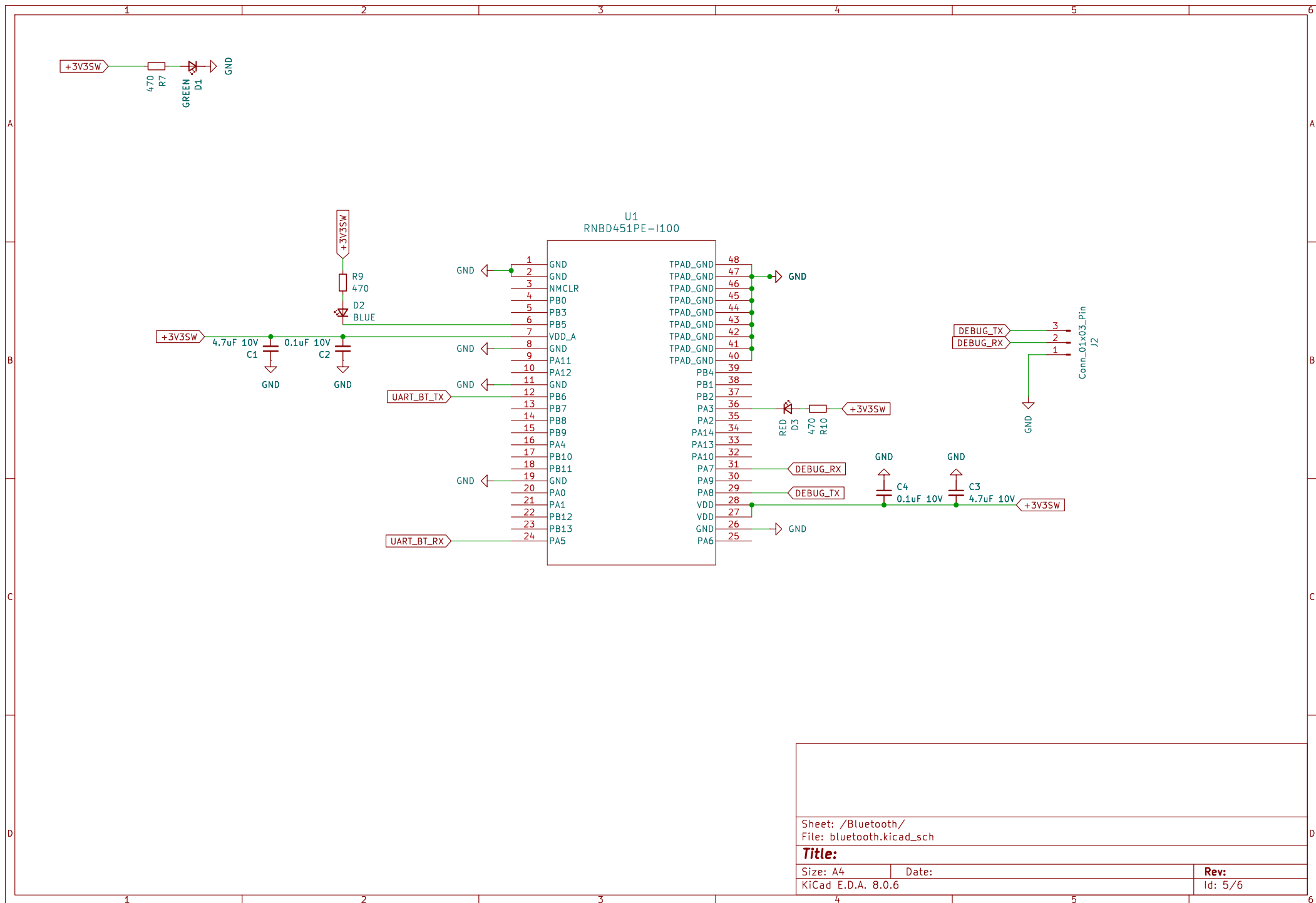
Rev: A

Id: 1/6









Sheet: /Bluetooth/  
File: bluetooth.kicad\_sch

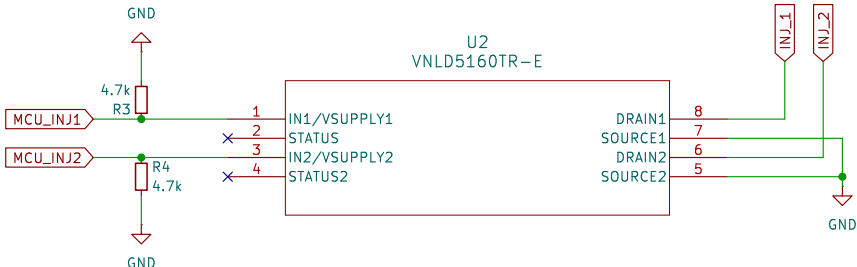
**Title:**

Size: A4  
KiCad E.D.A. 8.0.6

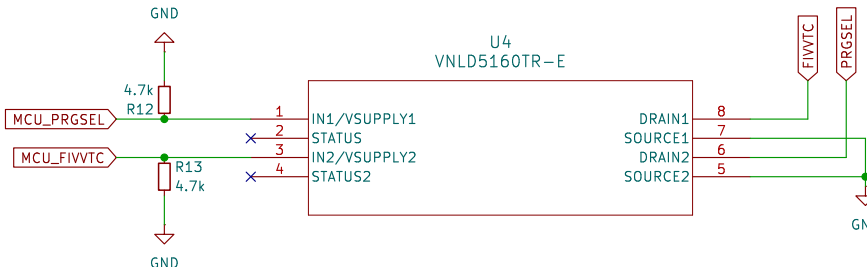
Date:

**Rev:**  
Id: 5/6

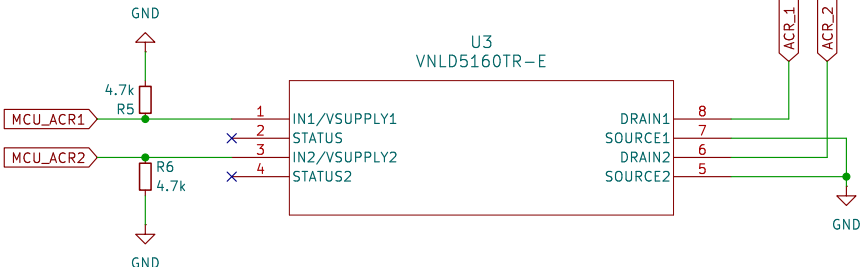
# INJECTORS



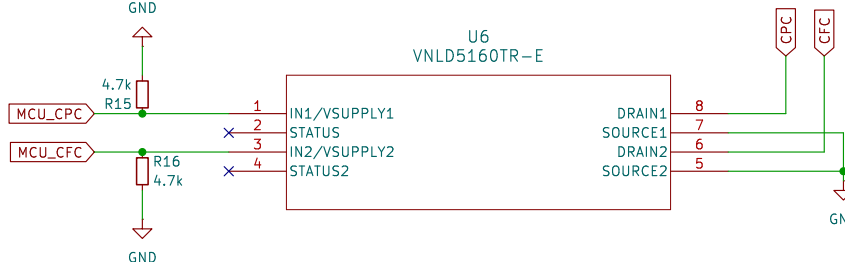
## PURGE & VVT SOLENOIDS



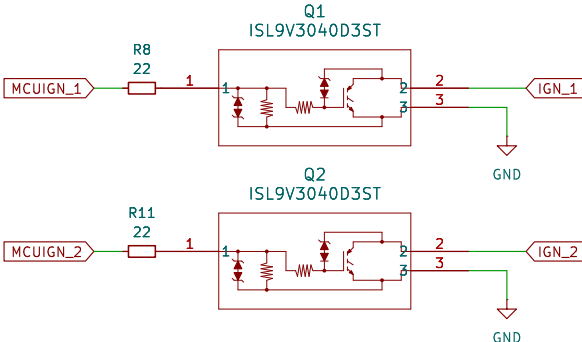
# ACR



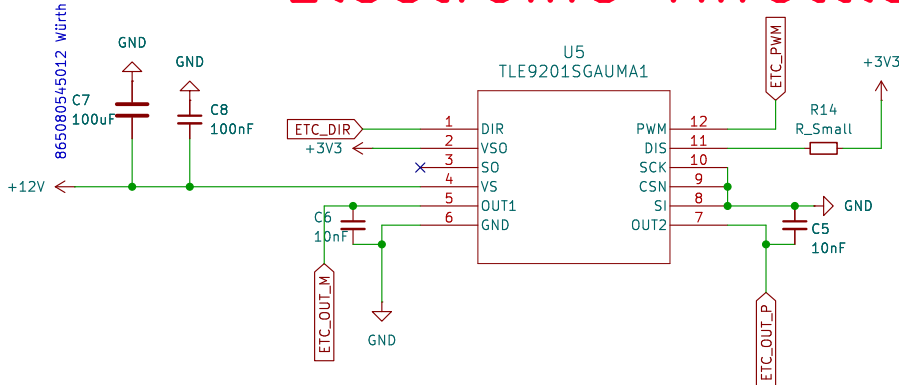
## COOLANT FAN & PUMP



# IGNITION



# Electronic Throttle



Sheet: /Outputs/  
File: outputs.kicad\_sch

**Title:**

Size: A4	Date:
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## Dat

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Id: 6/6