

Fuel & Ignition



Fichier: Fuel_Ignition.kicad_sch

Inputs



Fichier: Inputs.kicad_sch

Power



Fichier: power.kicad_sch

Connector



Fichier: connector.kicad_sch

Outputs

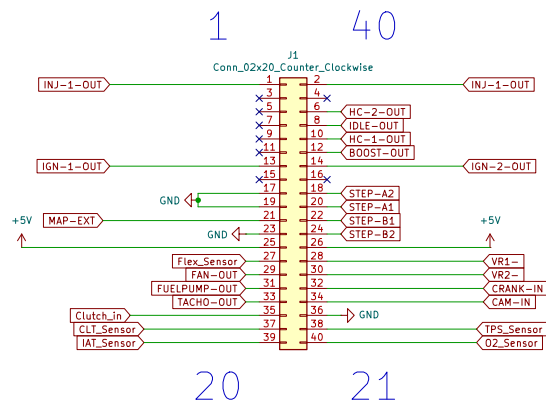
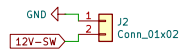


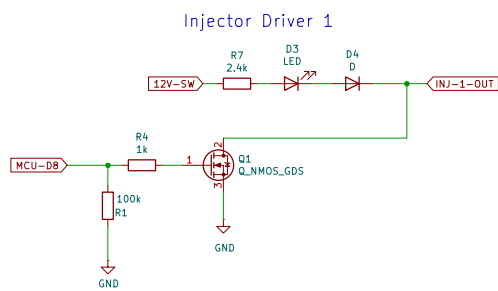
Fichier: outputs.kicad_sch

Proto Area

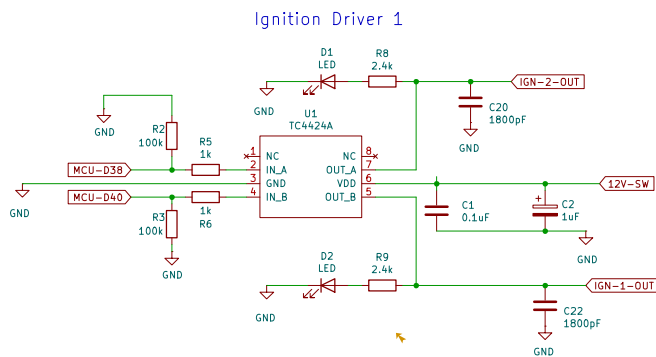


Fichier: proto.kicad_sch



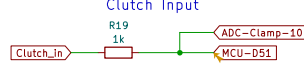
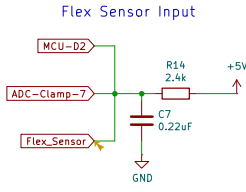
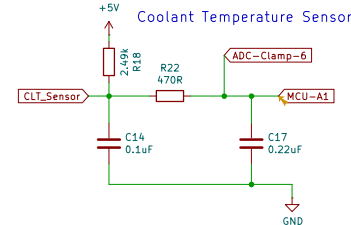
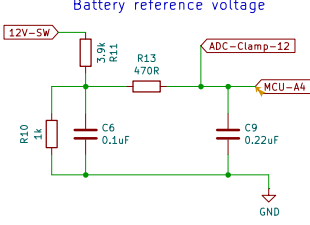
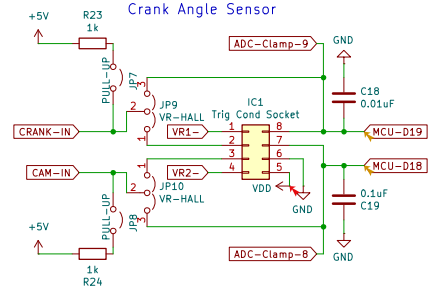
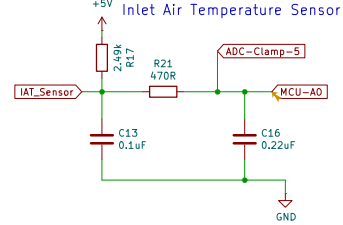
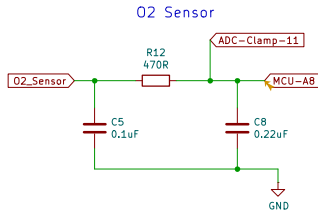
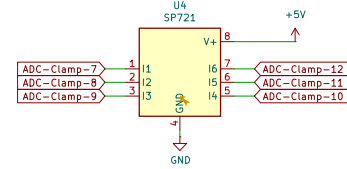
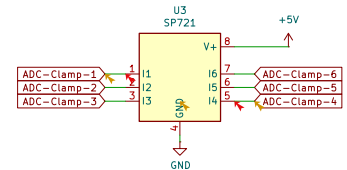
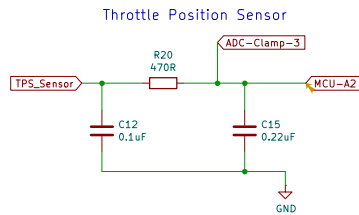
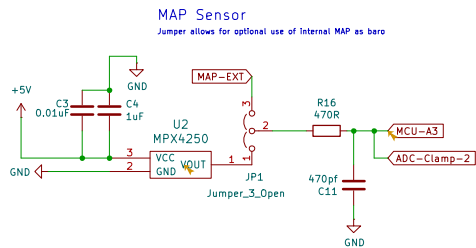


We use just 1 injector driver for the demonstration



We use just 1 ignition driver for the demonstration

Driver voltage = VDD



The diagram illustrates the wiring for the Pololu Breakout DRV8825 stepper motor driver. The driver is a yellow rectangular module with various pins labeled on its top and bottom. The connections are as follows:

- VDD (Pin 14):** Connected to a +5V supply.
- VMOT (Pin 10):** Connected to a 12V supply, labeled "12V-SW".
- EN (Pin 9):** Connected to MCU-D24.
- RST (Pin 15):** Connected to MCU-D17.
- DIR (Pin 16):** Connected to MCU-D16.
- A1 (Pin 4):** Connected to STEP-A1.
- A2 (Pin 3):** Connected to STEP-A2.
- B1 (Pin 5):** Connected to STEP-B1.
- B2 (Pin 6):** Connected to STEP-B2.
- GND (Pin 7):** Connected to ground.

The driver module is labeled "Pololu Breakout DRV8825" and "A1".

Power Regulator

