Sensor-CAN Interface Board

# Key Design Goals

* Min 5 ADCs
* Compact, to be located around car as needed
* Versatile, to read most common sensors used
* Based on Teensy 4.0 device

# IO

Front

* Sense 1
* Sense 2
* Sense 3
* Sense 4
* Sense 5
* Power 1
* Power 2
* Power 3
* Power 4
* Power 5
* GND 1
* GND 2
* GND 3
* GND 4
* GND 5

Back

* 12V
* GND
* CAN High
* CAN Low

# Board Requirements

Power requirements?

Teensy connections

Filtering?

Logic Level Shifting/dividers to 3.3 volts

Provisions to output 5 or 3.3 volts to sensors?

Check sensor requirements, provision for different types of sensors

CAN interface