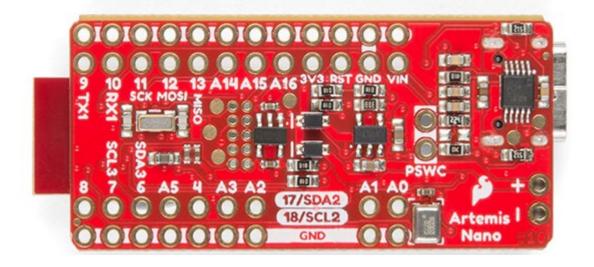
## Lab 3: Sensors

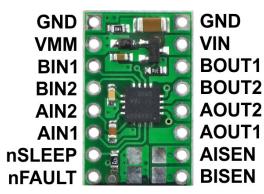
- Connect to TOF sensors and IMU
- Understand and process data
- Things to consider...
  - Color coding
  - Permanent solder joints / Detachable connections?
  - Single core or braided wires?
  - Routing of TOF sensors, IMU, Artemis, battery
  - Routing for motor drivers and battery for the motors
  - How will you deal with two TOF sensors on one I2C line?
  - Mechanical mounting components (optional)

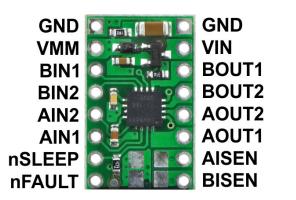
## Lab 3: Sensors (pre-lab)

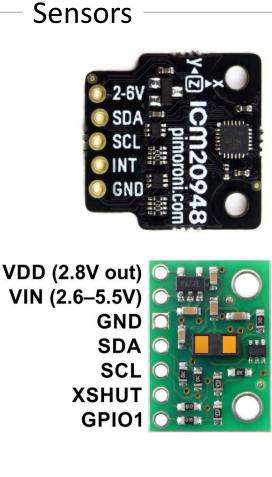
# Draw the connection diagram that you intend to use

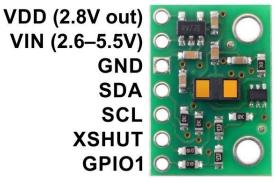


#### – Motor drivers (optional until Lab 4)









## Lab 3: Sensors (pre-lab)

### Think about the placement of components and batteries

