### Components of the Project

1. Raspberry Pi Pico
2. Computer
3. Thonny (Python Code)
4. ENV-50-DO: DO and Temperature Sensor (PT1000)
5. Micro-USB Cable
6. Female jumper cables
7. Connector Pins

### Relevant Links

Raspberry Pi Pico Pinout Diagram  
<https://pico.pinout.xyz/>

Reading Value from Analog Temperature Sensor Code for Raspberry Pi Pico

<https://how2electronics.com/read-temperature-sensor-value-from-raspberry-pi-pico/>

Connecting Raspberry Pi Pico

<https://projects.raspberrypi.org/en/projects/getting-started-with-the-pico/3>

### Next Tasks

* Sensor Calibration Values
* Master Code for the 3 sensors

### **Connections**

**Temperature**

* GP27/A1 -> PT1000
* 3v3 Out -> PT1000

**DO**

* GP28/A2 -> ENV-50-DO Data
* Pin 38 (GND) -> DO Ground

**pH**

* Pin 40 (VBUS) -> VCC
* Pin 33 (GND) -> GND
* GP26/A0 -> PO