

1. Thonny

Download and install Thonny IDE for free from <https://thonny.org/>

2. Interpreter

Hold the BOOT Button on your RP2040 Board while connecting it to USB, release the Button afterwards.

In Thonny go to Tools -> Options -> Interpreter and select MicroPython (RP2040).

Set Port to automatic and press “Install or update MicroPython”.

If target Volume is set, select Pimoroni Tiny2040 for variant and press install.

3. Library

In Thonny go to Tools -> Manage packages.. search for micropython-ssd1306 and install it on the Board.

4. Open Programm

Use File->open to open a .py Programm

Links:

OLED

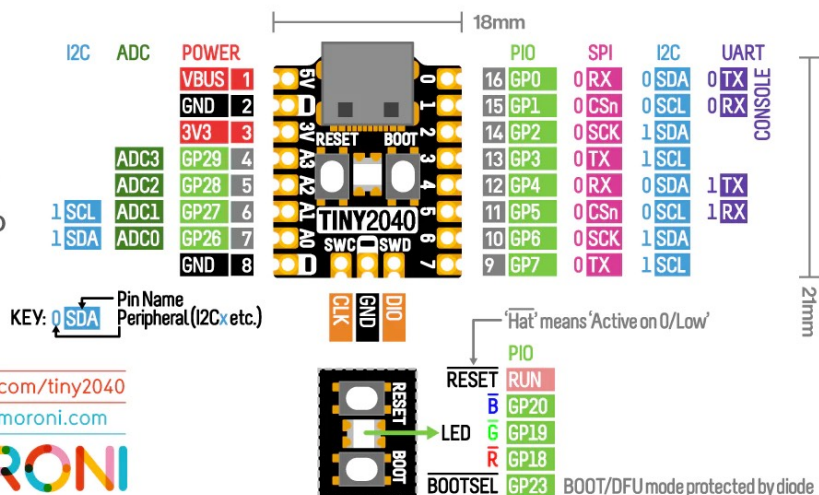
<https://github.com/stlehmann/micropython-ssd1306>

Sensor

<https://bhavesh.me/micropython-measure-temperature/>

Pimoroni Tiny 2040

18x21.3mm
8MByte Flash
USB-C
RGBLED
Reset Button
User/Boot Button
16 pins+debug
GP0-7 ideal for PIO
Input: 3V-5.5V



<https://pimoroni.com/tiny2040>

<https://forums.pimoroni.com>

