

Install Pico Zero Library

Library files are like device drivers, they allow you to run commands to do something with a device. The picozero library is a simplified driver file for the Pi Pico.

You should now have a Thonny icon on your desktop. Double click the icon to start Thonny.

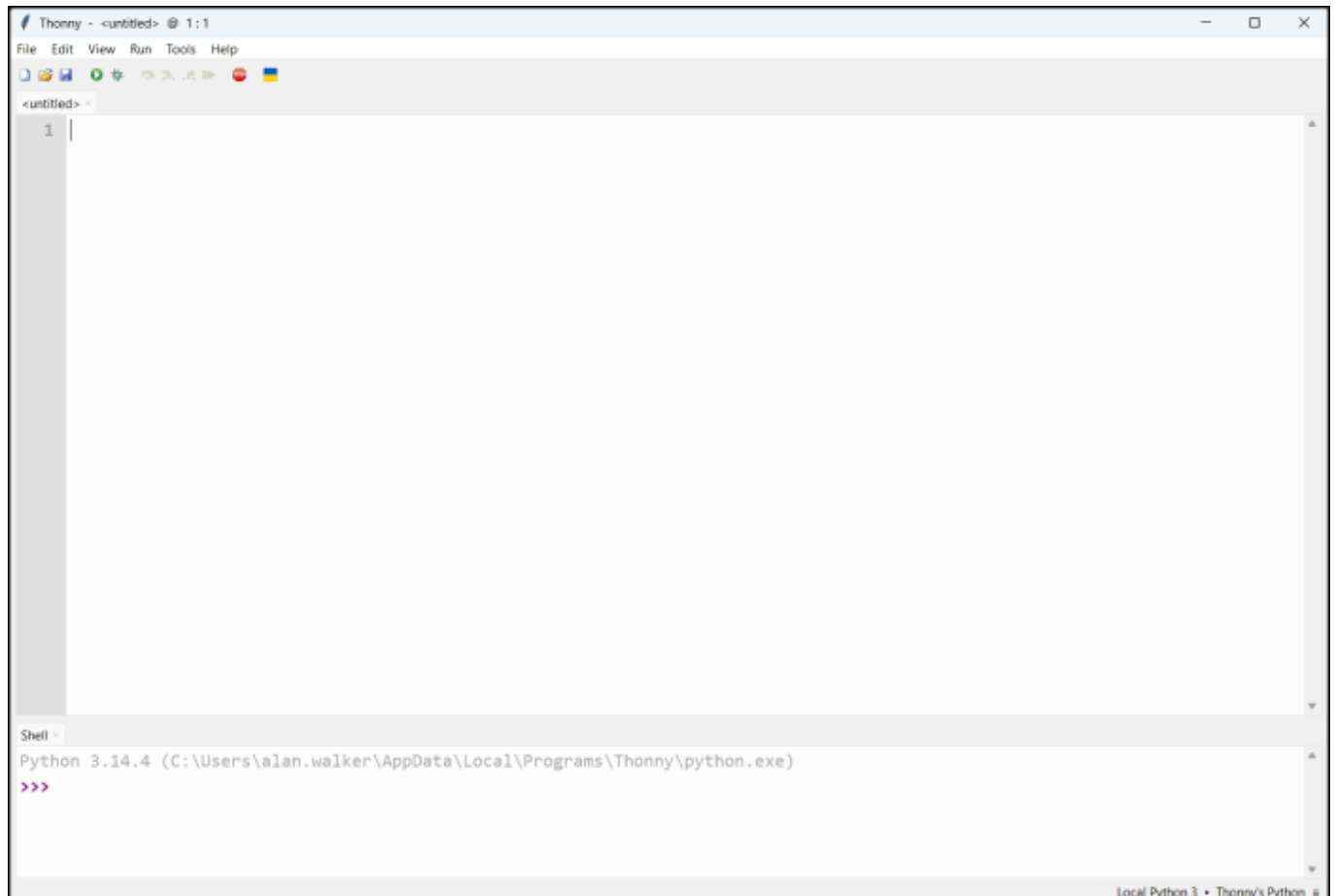


First page you will see is the options page. From here select your preferred language. Leave the 'Initial settings' at Standard.



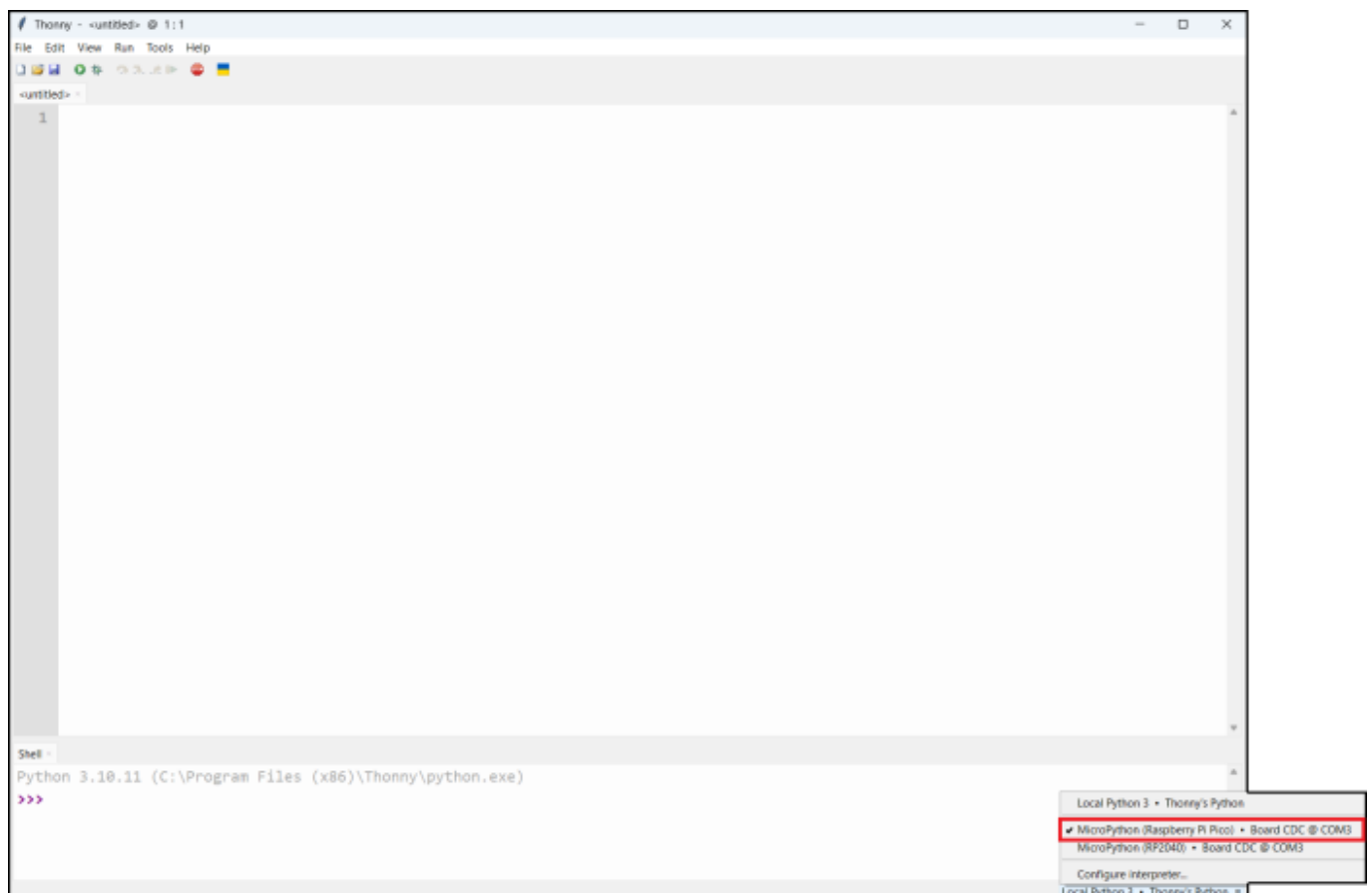
Click the 'Lets Go' button.

Thonny will now open.



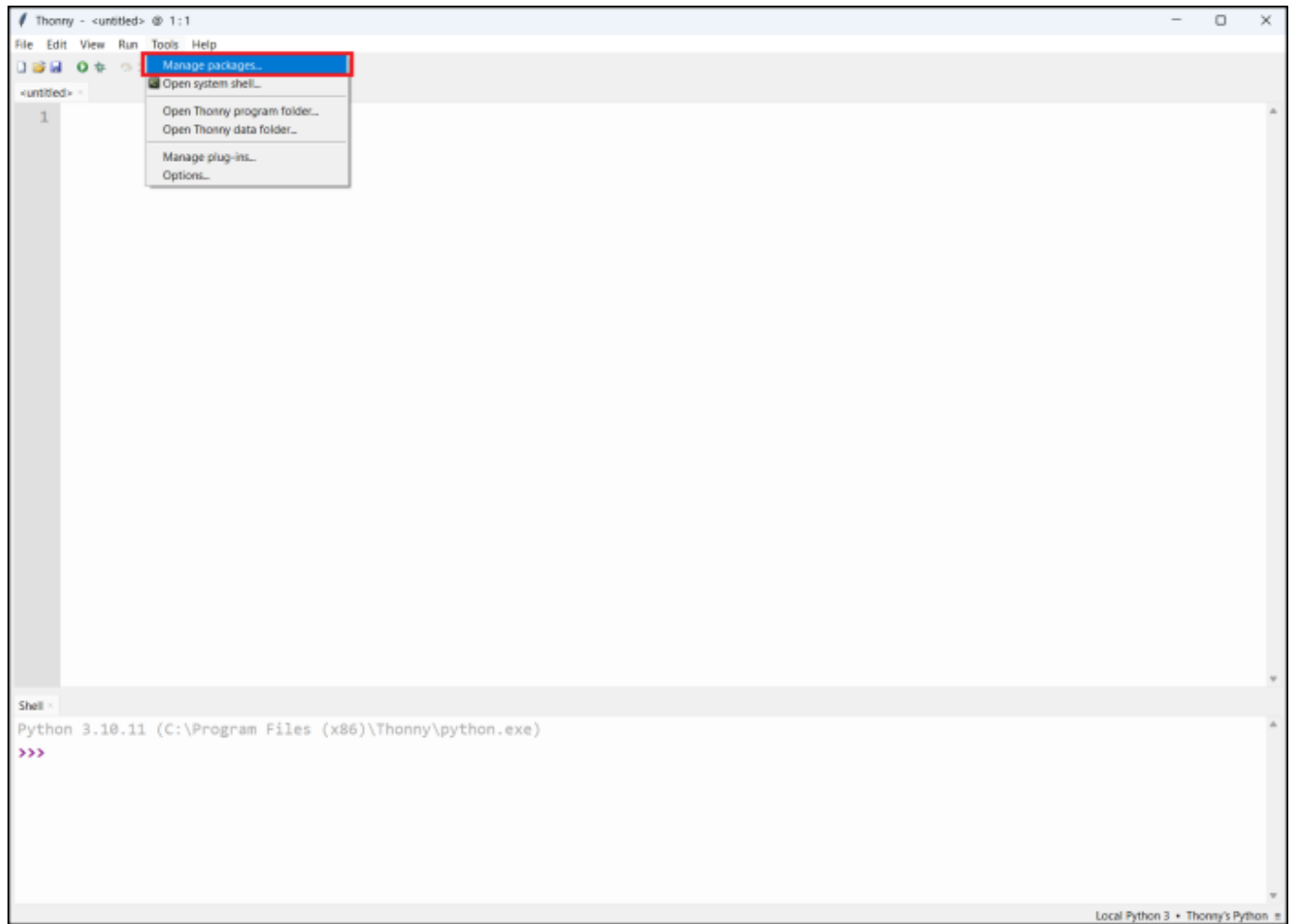
**** At this point, please connect your Raspberry Pi Pico to your computers USB Port ****

First thing we want to do with Thonny is select the device we are working with from the bottom right hand corner of the Thonny Application.

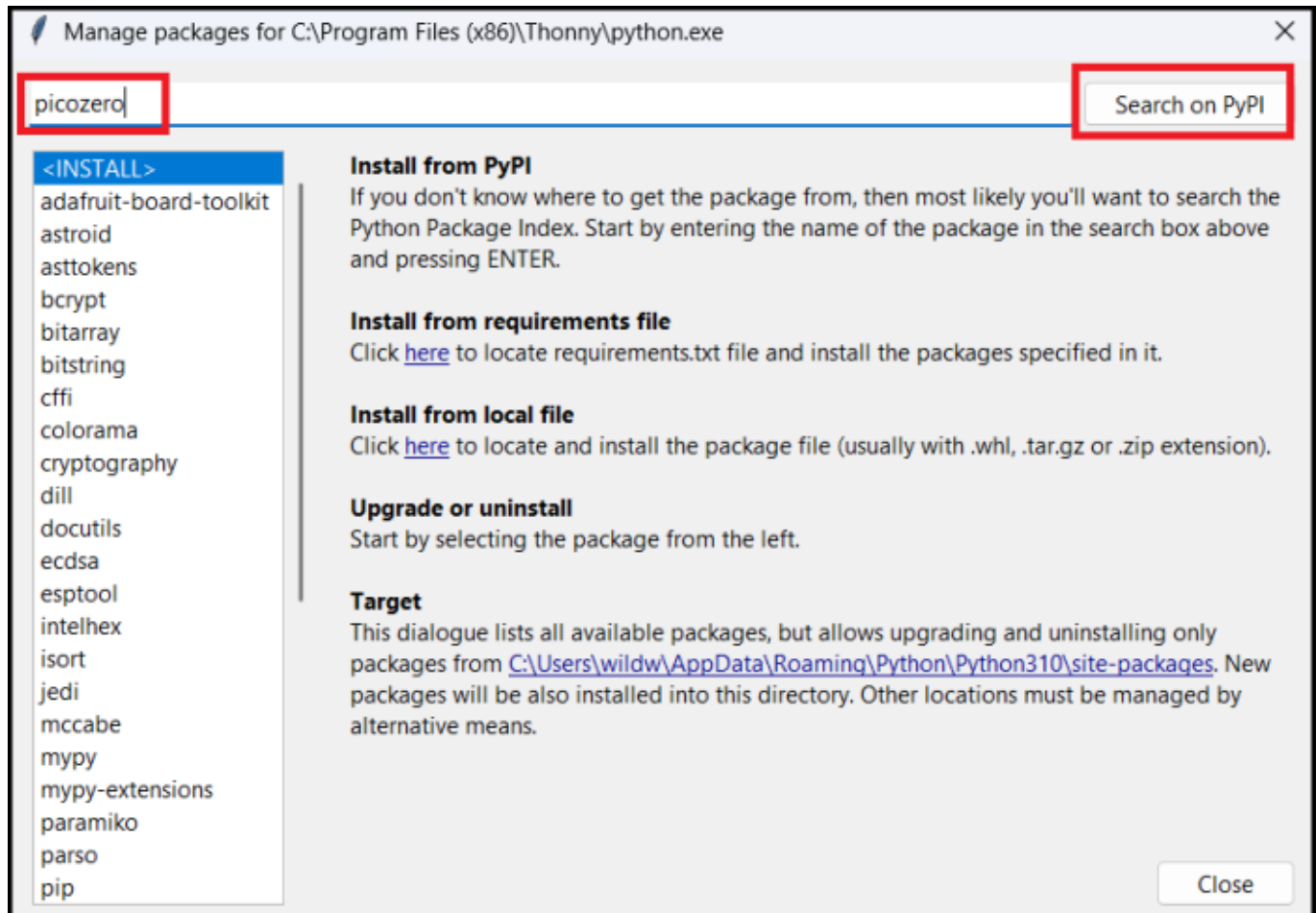


If your pico is not listed, then your computer has not recognised the device.

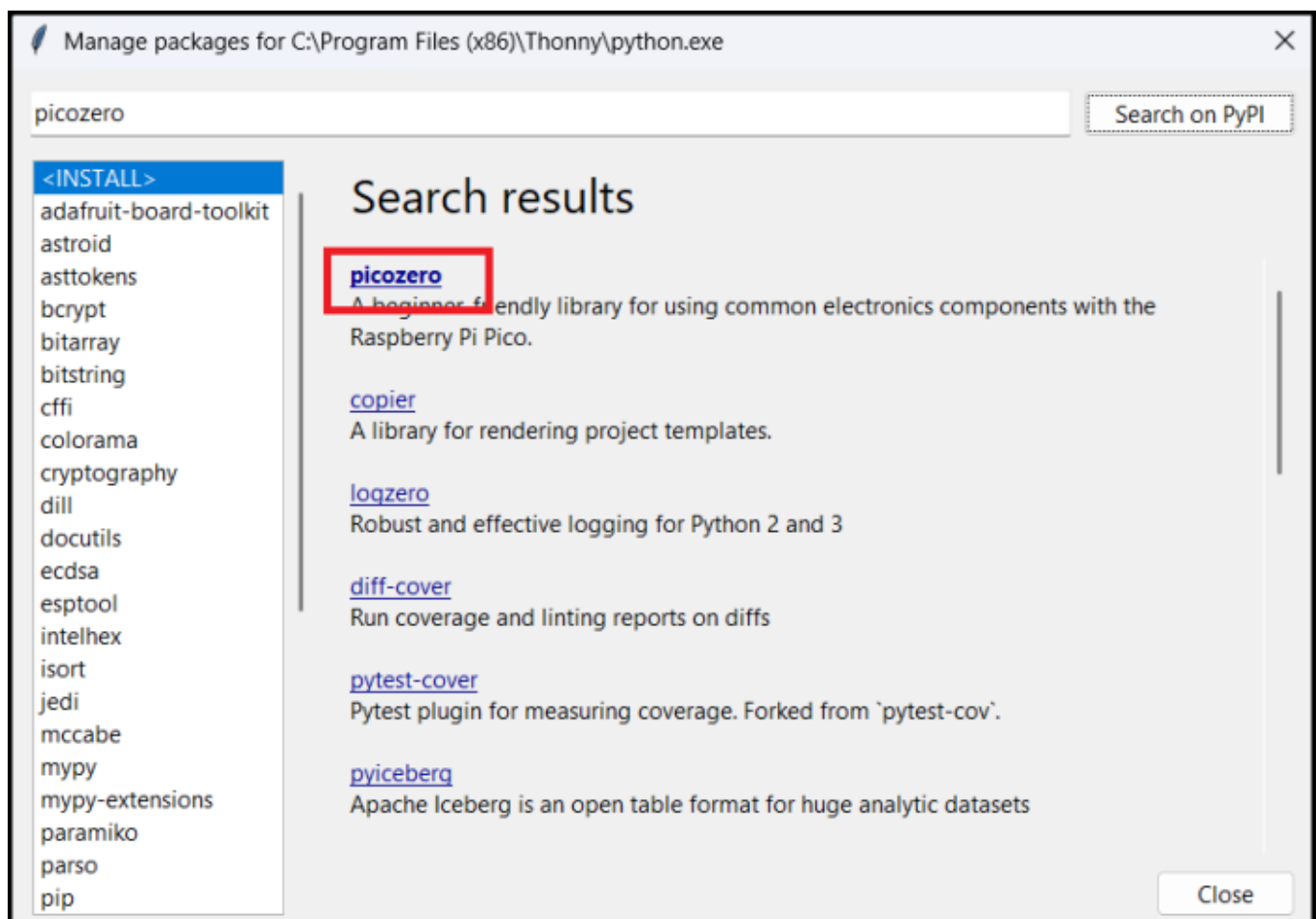
Next, from the Thonny toolbar, we are going to select Tools and then Manage Packages.



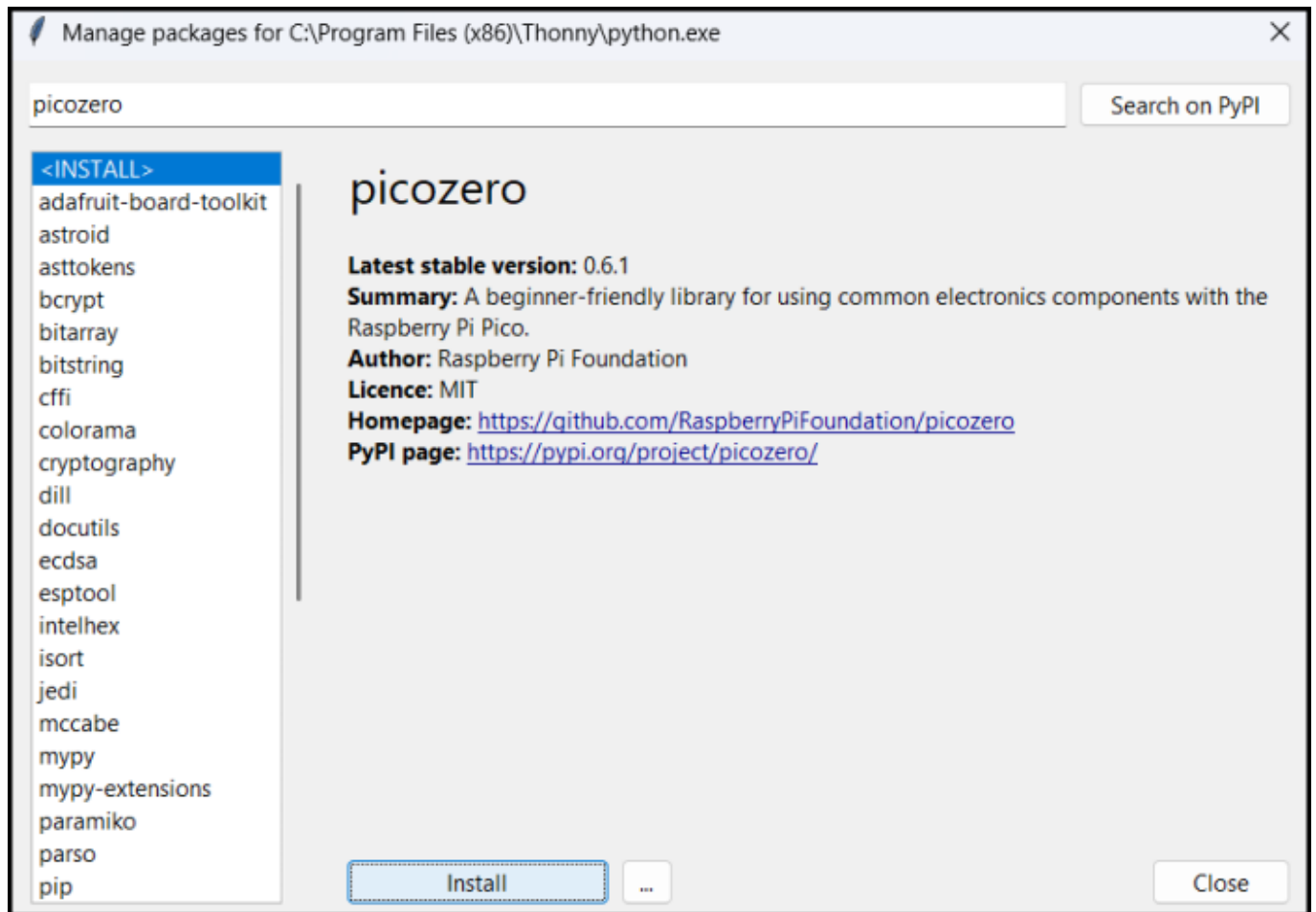
A box will open. In the search bar enter [picozero](#) then click the Search on PyPI button.



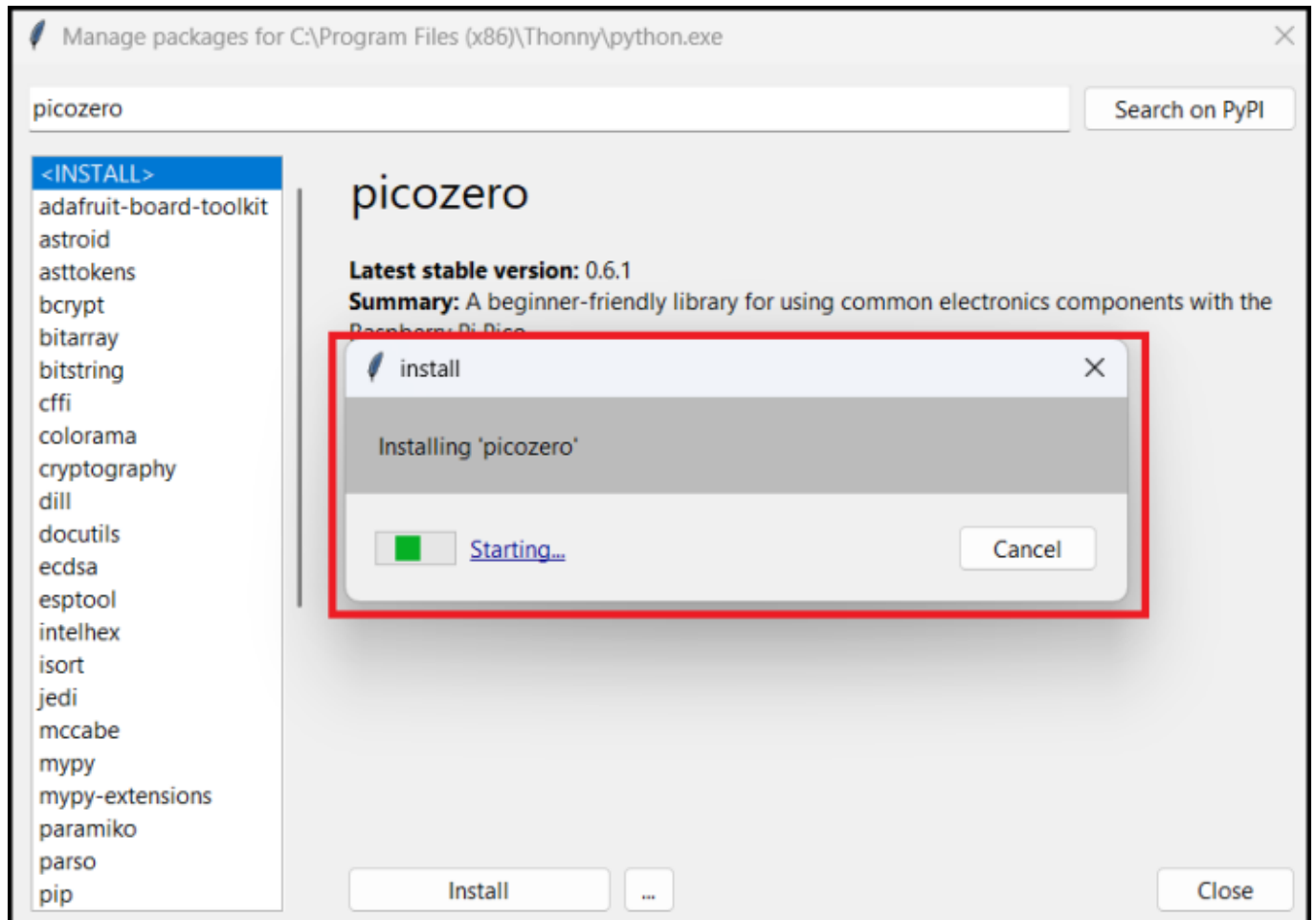
In the Search results, you should see the entry [picozero](#). Click on this entry (it's a hyperlink).



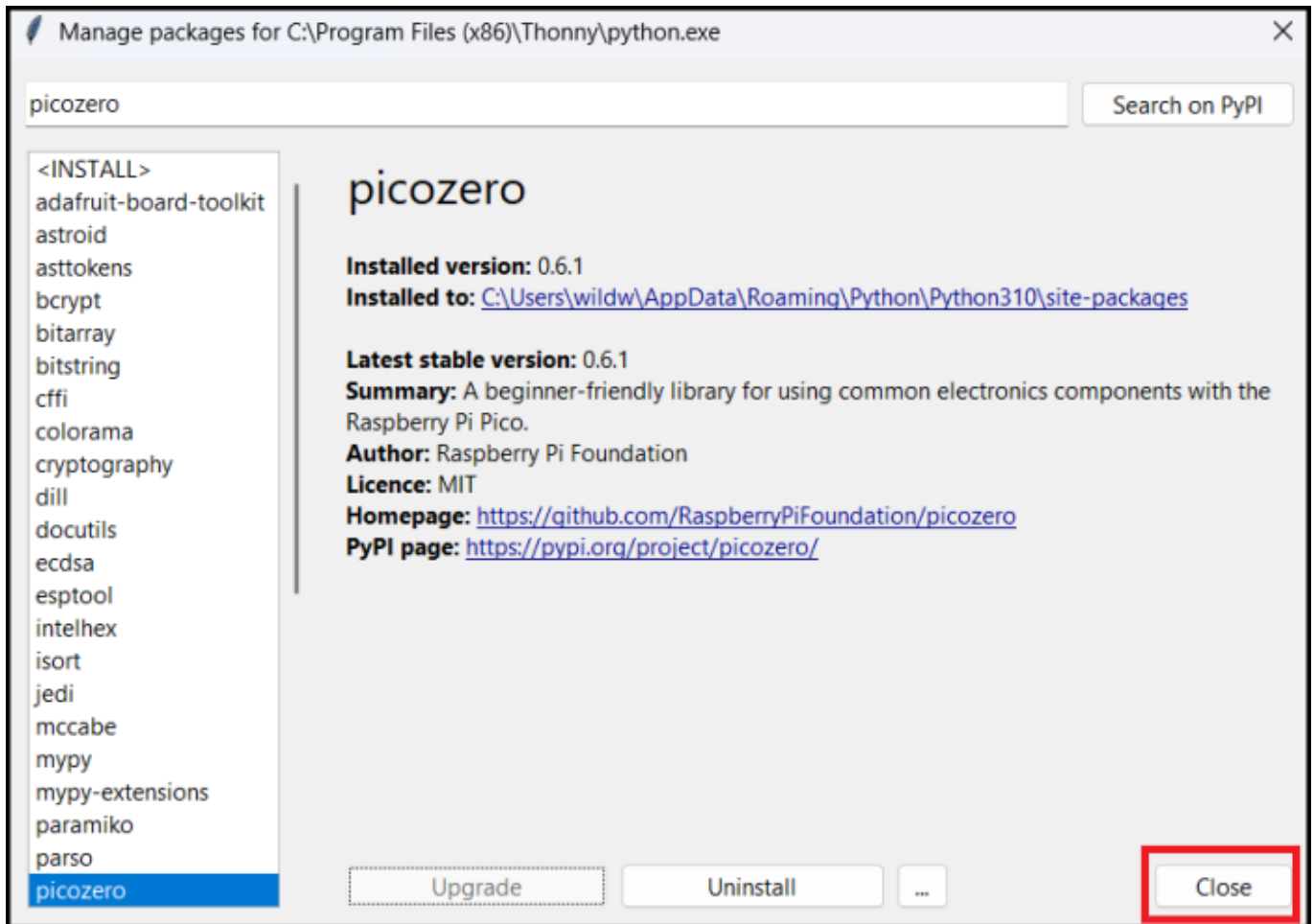
This will take you to the [picozero](#) page where you can click install.



You will see the picozero installer running.



Now you can click the Close button.



That is it, you have installed and done some basic configuration of Thonny.

So now the picozero library has been installed you can write some MicroPython code in Thonny.

This example code allows the picozero library to flash or "blink" the onboard LED:

[download](#)

```
#import the pico_led function from the picozero library, this allows you to control the onboard LED.  
from picozero import pico_led  
  
#now we tell the onboard LED to "blink" on and off at a time period of 0.5 seconds  
pico_led.blink(0.5)
```

This is a simple way and great to get started but it is limited, you can get the same result using other library's

For more examples of controlling your Pi Pico with MicroPython please go [here](#).

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