

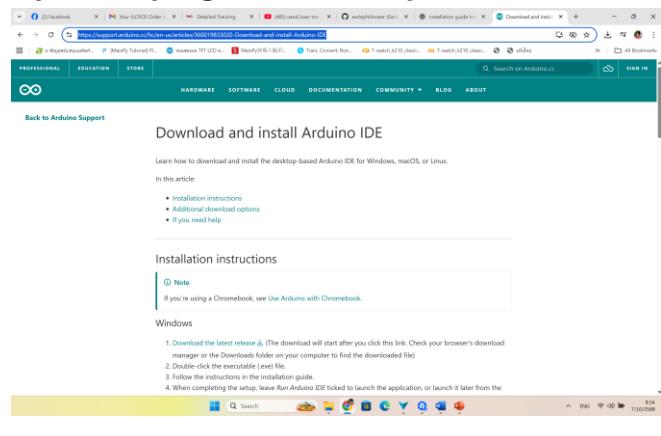
# Installation Guide for Earle F. Philhower Arduino-Pico Package For MyMakers RP2350B on Arduino IDE 2.x

## Introduction

This guide explains the importance of installing the Earle F. Philhower package to enable RP2040 / RP2350 boards to work seamlessly with Arduino IDE 2.x.

### 1. Preparing Arduino IDE 2.x

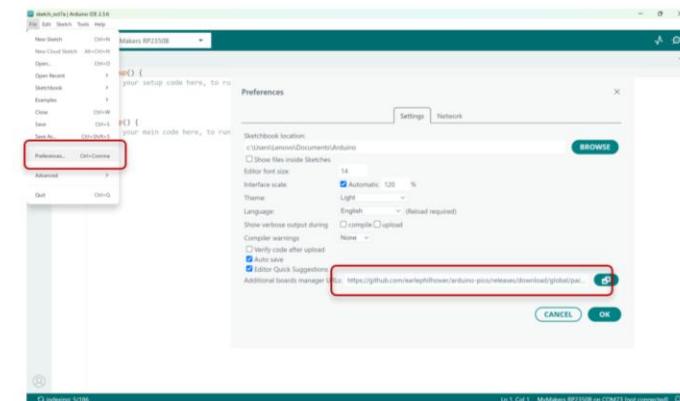
1. Download and install Arduino IDE 2.x from the official website. [\[2\]](#)
2. Open the program and verify the version. [\[3\]](#)



### 2. Adding Board Package URL

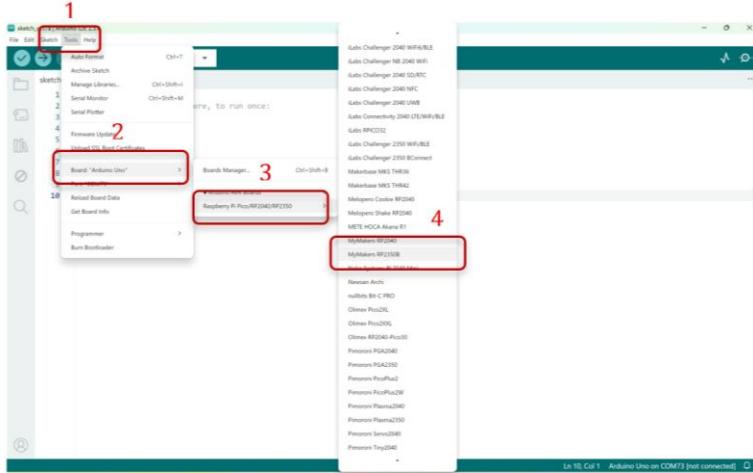
1. Go to **File > Preferences**. [\[4\]](#)
2. In the '**Additional Boards Manager URLs**' field, enter:

[https://github.com/earlephilhower/arduino-pico/releases/download/global/package\\_rp2040\\_index.json](https://github.com/earlephilhower/arduino-pico/releases/download/global/package_rp2040_index.json)



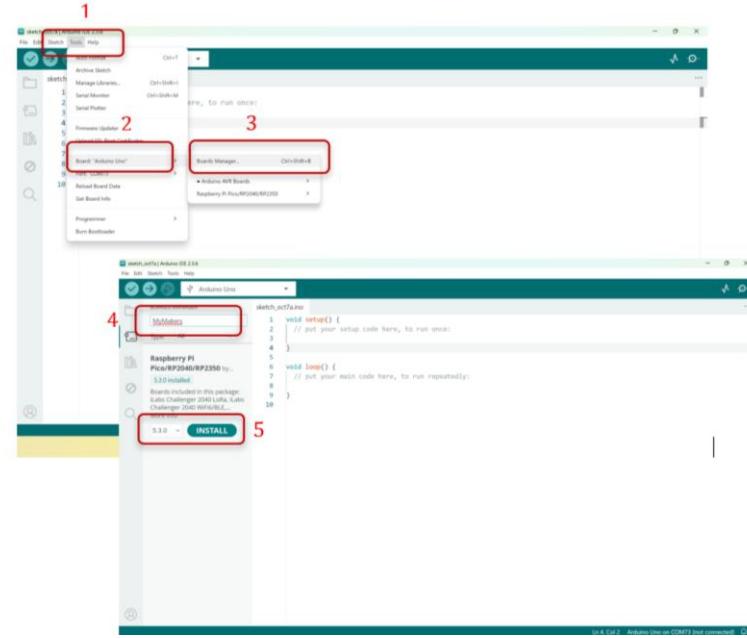
### 3. Selecting Board

1. Go to **Tools > Board > Raspberry Pi RP2040 Boards > MyMakers RP2350B.** 



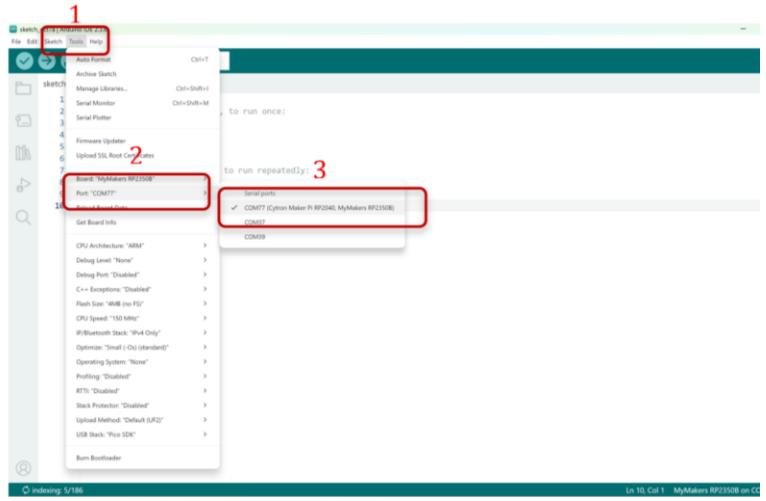
### 4. Installing MyMakers RP2350B Boards

1. Open **Tools > Board > Boards Manager.** 
2. Search for '**Raspberry Pi RP2040**'. 
3. Click **Install.** 



## 5. Selecting Port

1. Go to **Tools > Port** and select the USB port connected to the board. 

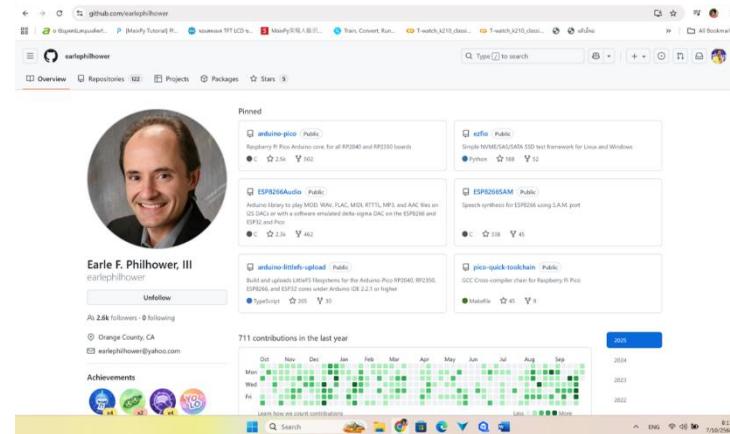


## 6. Testing Blink Program

1. Open **File > Examples > 01.Basics > Blink**. 
2. Click **Upload** to flash the program. 
3. Verify that the onboard LED blinks according to the example. 

## Conclusion and Credits

Installation is complete. You can now start programming **MY RP-PRO V2.0** immediately.  Special thanks to **Earle F. Philhower** for developing the Arduino-Pico package. 



The GitHub profile page for Earle F. Philhower, III. It shows his bio: "Arduino library to play MOD\_WAV, FLAC, MOD, RTTTL, MP3, and AAC files on I2S DACs or with a software emulated delta-sigma DAC on the ESP8266 and ESP32 and Pico". It also lists several repositories he has contributed to:

- arduinopico - Public: Raspberry Pi-Pico Arduino core for all RF2040 and RF2350 boards. 2.6k followers.
- esp32audio - Public: Simple MP3/WAV/SSD test framework for Linux and Windows. 188 followers.
- esp3265sam - Public: Speech synthesis for ESP32 using I2S port. 238 followers.
- esp32quick-toolschain - Public: GCC Cross compiler chain for Raspberry Pi Pico. 45 followers.

The page also displays his activity: 711 contributions in the last year, and a heatmap showing his contribution timeline from October 2021 to September 2022.