

How to use esp32

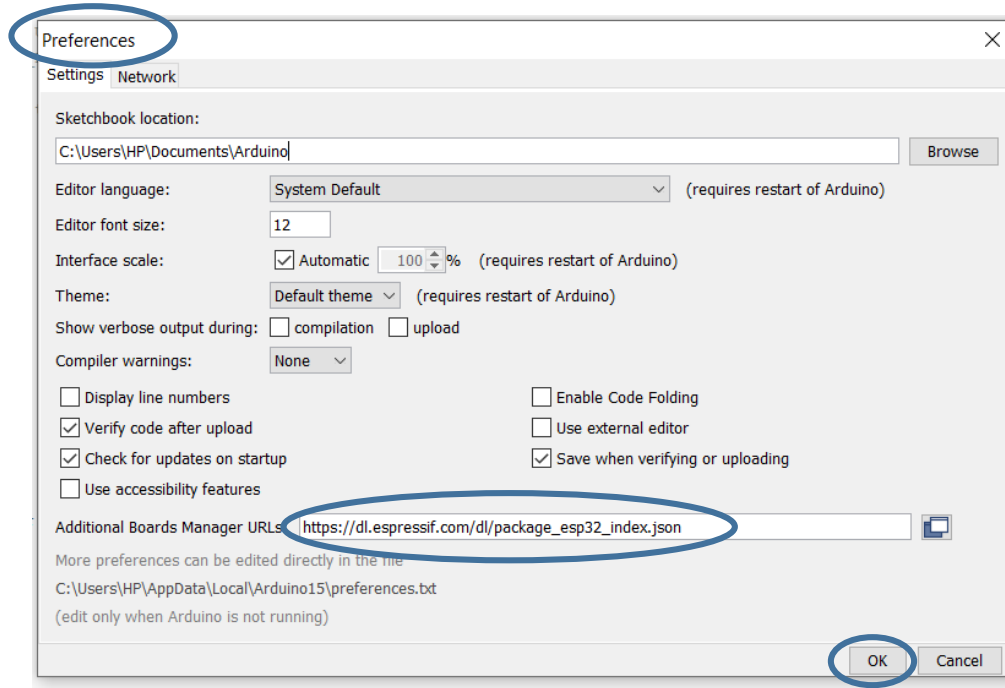
Step 1: Read the data sheet for the esp32 to learn more about it.

Step 2: Install the Arduino IDE

Step 3: Go to File> Preferences in your Arduino IDE.
After that, In the Additional Board Manager URL field, type

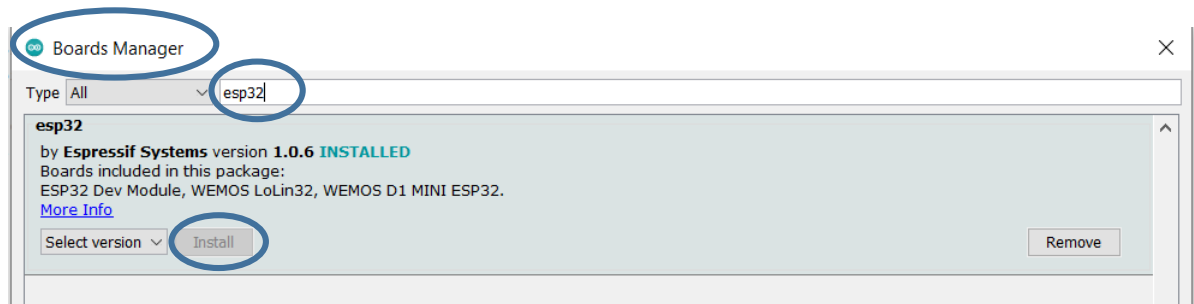
https://dl.espressif.com/dl/package_esp32_index.json

Then press the OK button.



Step 4: **click on Tools > Board** (which is in my case Arduino Uno) > **Boards Manager**. To open the Board Manager

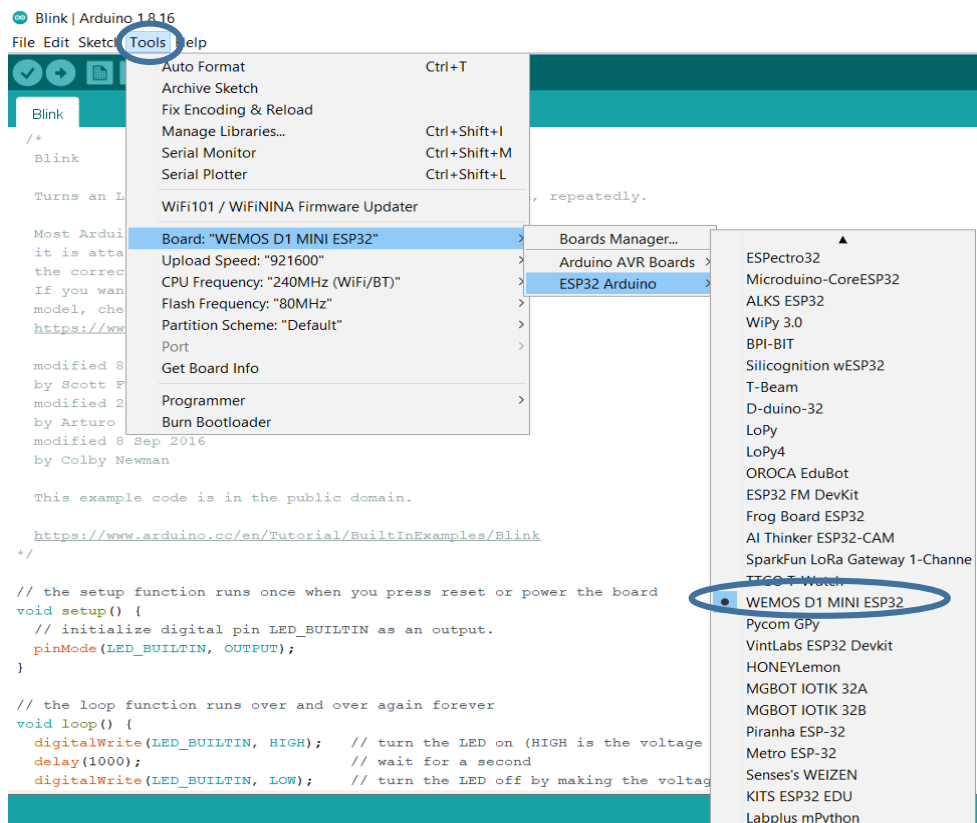
Step 5: Do a search for **ESP32** and click on install button for the “**ESP32 by Espressif Systems**”:



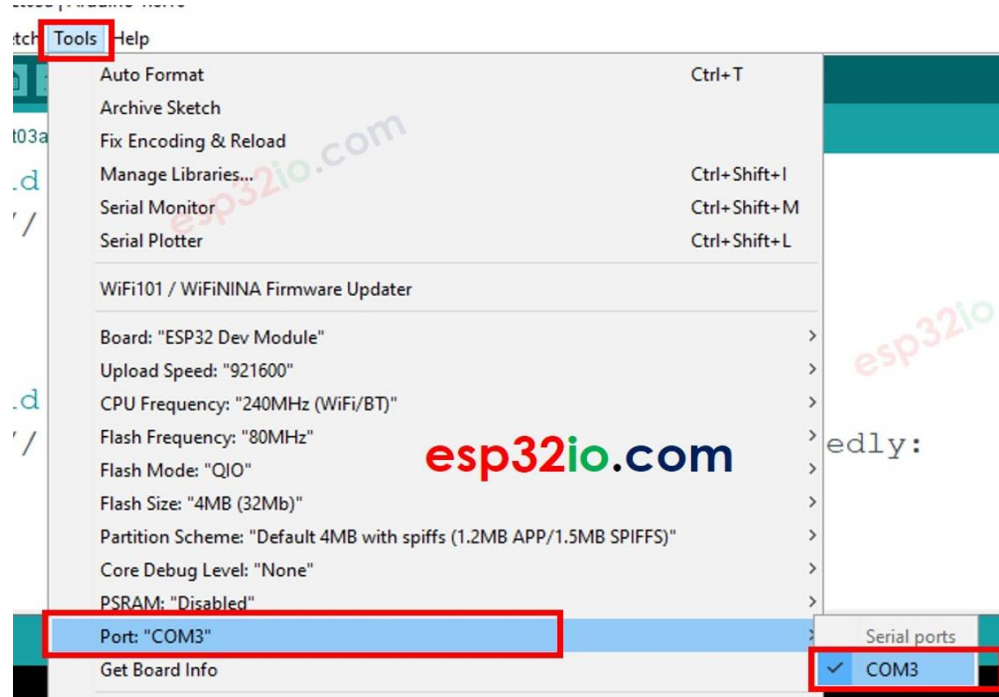
It should be installed after a few seconds.

Note that: on this picture I already installed it

Step 6: Then go again and select your Board from **Tools > Board** menu (in my case it's the **WEMOS D1 MINI ESP32**)



Step 7: connect the esp32 by the USB wire to your laptop and select the Port **go to Tools > port**



Step 8: Open the following example under **File > Examples > 0.1 Basics > Blink**

Step 9: **Click the Verify then the Upload button**

After following these procedures, it should work. Moreover, you can change the delay on your code to make the blink faster or slower.

This picture in the smart methods center in Riyadh after I complete the steps I mention, a small led built in esp32 will turn on and off depending on the delay value

