

# ESP32:

1-Installing Arduino IDE

2-In Arduino IDE, go to File> Preferences

3-Enter the following into the “Additional Board Manager URLs” field:

[https://raw.githubusercontent.com/espressif/arduino-esp32/gh-pages/package\\_esp32\\_index.json](https://raw.githubusercontent.com/espressif/arduino-esp32/gh-pages/package_esp32_index.json)

4-Then, click the “OK” button

5-Open the Boards Manager. Go to **Tools > Board > Boards Manager...**

6-Search for **ESP32** and press install button for the “**ESP32 by Espressif Systems**”:

7-Select your Board in **Tools > Board** menu (in my case it’s the **DOIT ESP32 DEVKIT V1**)

8-Select the Port (if you don’t see the COM Port in your Arduino IDE, you need to install the [CP210x USB to UART Bridge VCP Drivers](#)):

9-Open the following example under File > Examples > WiFi (ESP32) > WiFiScan

10-A new sketch opens in your Arduino IDE:

11-Press the **Upload** button in the Arduino IDE. Wait a few seconds while the code compiles and uploads to your board.

12-Open the Arduino IDE Serial Monitor at a baud rate of 115200:

13-Press the ESP32 on-board **Enable** button and you should see the networks available near your ESP32: