

To install the ESP32 board in your Arduino IDE, follow these next instructions:

1. In your Arduino IDE, go to **File> Preferences**
2. Enter the following into the “Additional Board Manager URLs” field:

https://raw.githubusercontent.com/espressif/arduino-esp32/gh-pages/package_esp32_index.json
3. Open the Boards Manager. Go to **Tools > Board > Boards Manager...**
4. Search for **ESP32** and press install button for the “**ESP32 by Espressif Systems**”:
5. That’s it. It should be installed after a few seconds.

Testing the Installation

Plug the ESP32 board to your computer. With your Arduino IDE open, follow these steps:

1. Select your Board in **Tools > Board** menu (in my case it’s the **DOIT ESP32 DEVKIT V1**)
2. 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](#)):
3. Open the following example under **File > Examples > WiFi (ESP32) > WiFiScan**
4. A new sketch opens in your Arduino IDE:
5. Press the **Upload** button in the Arduino IDE. Wait a few seconds while the code compiles and uploads to your board.