

Algorithm ESP32 on Arduino IDE

.install the Arduino IDE-١

.In your Arduino IDE go to File => Preferences -٢

In the “Additional Board Manager URLs” Field write this link -٣

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

.then click ok

.Open Boards Manager and then go to Tools => Board => Boards Manager-٤

.Search for (ESP32) and Press Install button for the (ESP32 by Espressif Systems)-٥

.It Should Be Installed -٦

.Go to esp32 => tools folder and execute (get.exe) to compile ESP32 code -٧

This executable download the Xtensa GNU Tools and ESP32 SDK, and then unzip -٨

.it to the appropriate location

.The D2 pin of the board is connected to the blue LED on the board -٩

Open the Arduino IDE and select the ESP32 Dev Module option under Arduino -١٠

.IDE => Tools => Board menu

connect the ESP32 development board to the computer via micro-B USB cable -١١

Once the board is connected, the communication or COM port must be set. On

Windows machines, this will be like COM#, select this serial port under Arduino IDE

=< Tools => Port menu