

# ESP LINK v1.0 usage

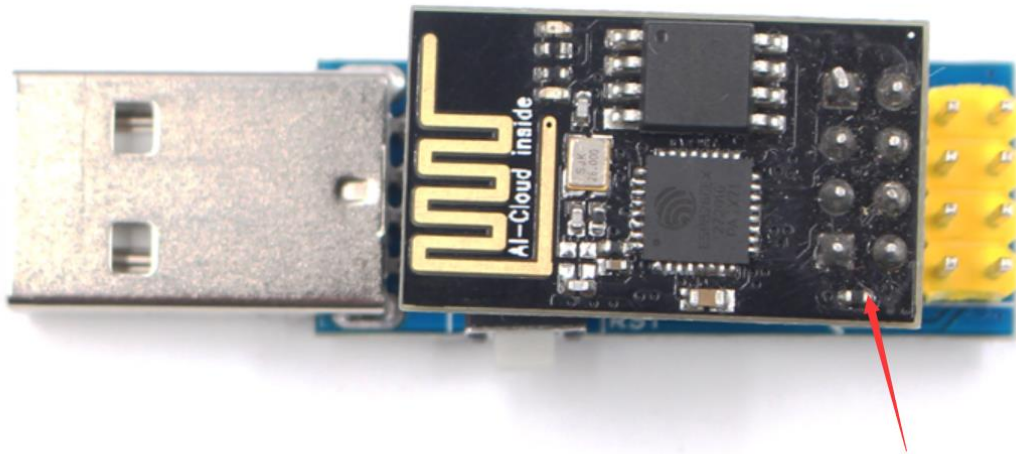
## Using with Arduino IDE

### 1. Install CP2104 Driver

Download the driver here:

<http://www.silabs.com/products/development-tools/software/usb-to-uart-bridge-vcp-drivers>

### 2. Plug the ESP-01 / 01S to the ESP Link.



### 3. Install the Arduino IDE 1.6.8 or greater

[Download Arduino IDE from Arduino.cc \(1.6.8 or greater\)](#) from

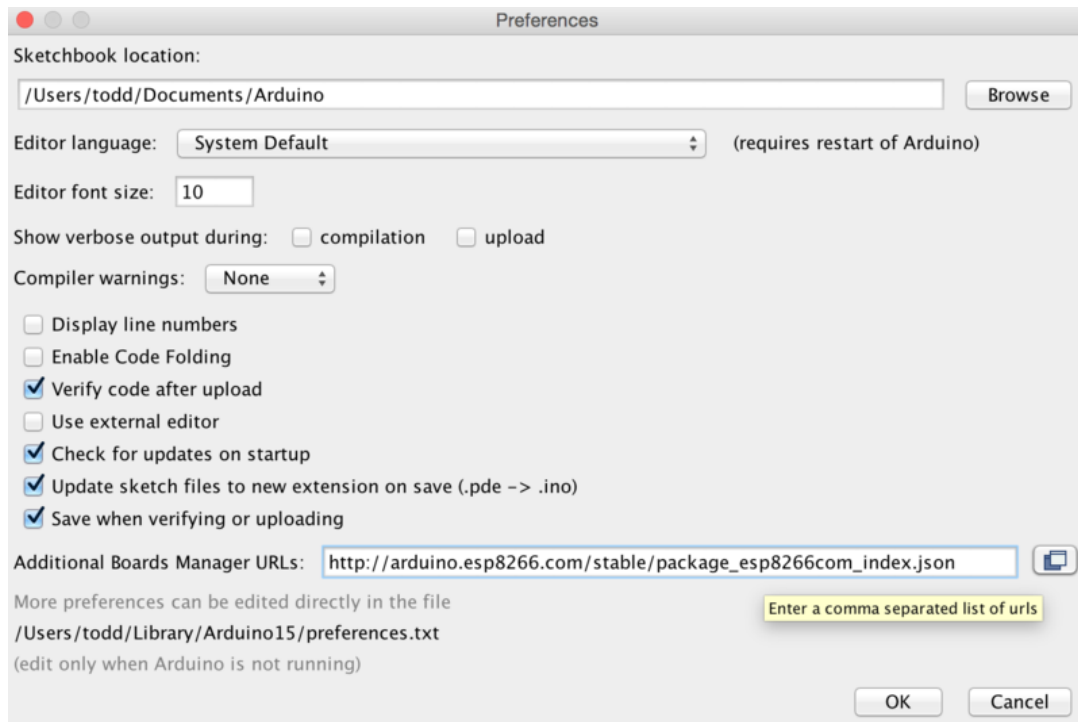
Arduino.cc

The latest is usually the best

### 4. Install the ESP8266 Board Package

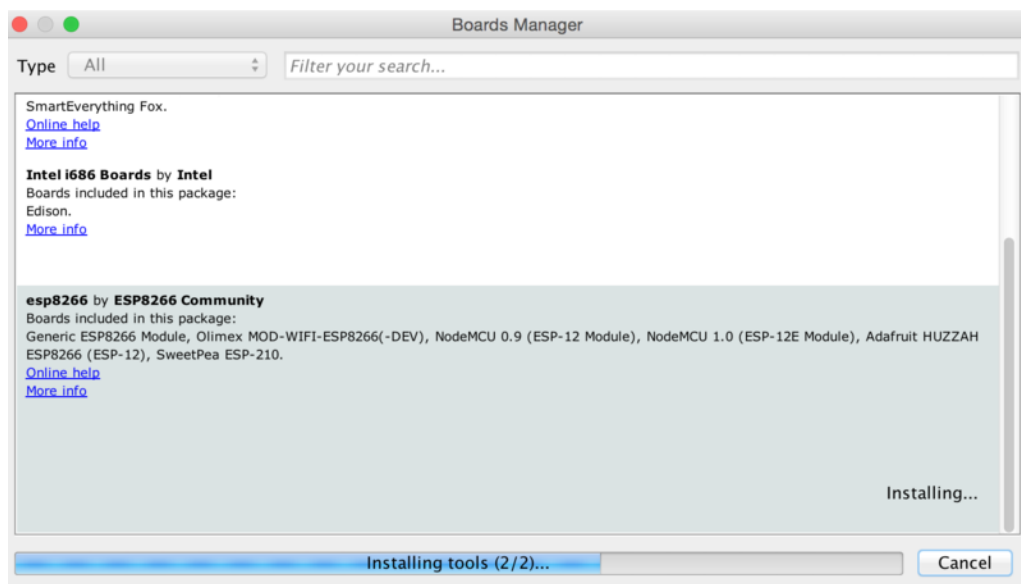
Enter [http://arduino.esp8266.com/stable/package\\_esp8266com\\_index.js](http://arduino.esp8266.com/stable/package_esp8266com_index.js)

into *Additional Board Manager URLs* field in the Arduino v1.6.4+ preferences.



Visit our [guide](#) for how to add new boards to the **Arduino 1.6.4+** IDE for more info about adding third party boards.

Next, use the **Board manager** to install the ESP8266 package.



After the install process, you should see that esp8266 package is marked **INSTALLED**. Close the Boards Manager window once the install process has completed.

**esp8266** by **ESP8266 Community** version **2.3.0** **INSTALLED**

Boards included in this package:

Generic ESP8266 Module, Olimex MOD-WIFI-ESP8266(-DEV), NodeMCU 0.9 (ESP-12 Module), NodeMCU 1.0 (ESP-12E Module), ESP8266 (ESP-12), ESPresso Lite 1.0, ESPresso Lite 2.0, Phoenix 1.0, Phoenix 2.0, SparkFun Thing, SweetPea ESP-210, W mini, ESPino (ESP-12 Module), ESPino (WROOM-02 Module), WifInfo, ESPDuino.

[Online help](#)

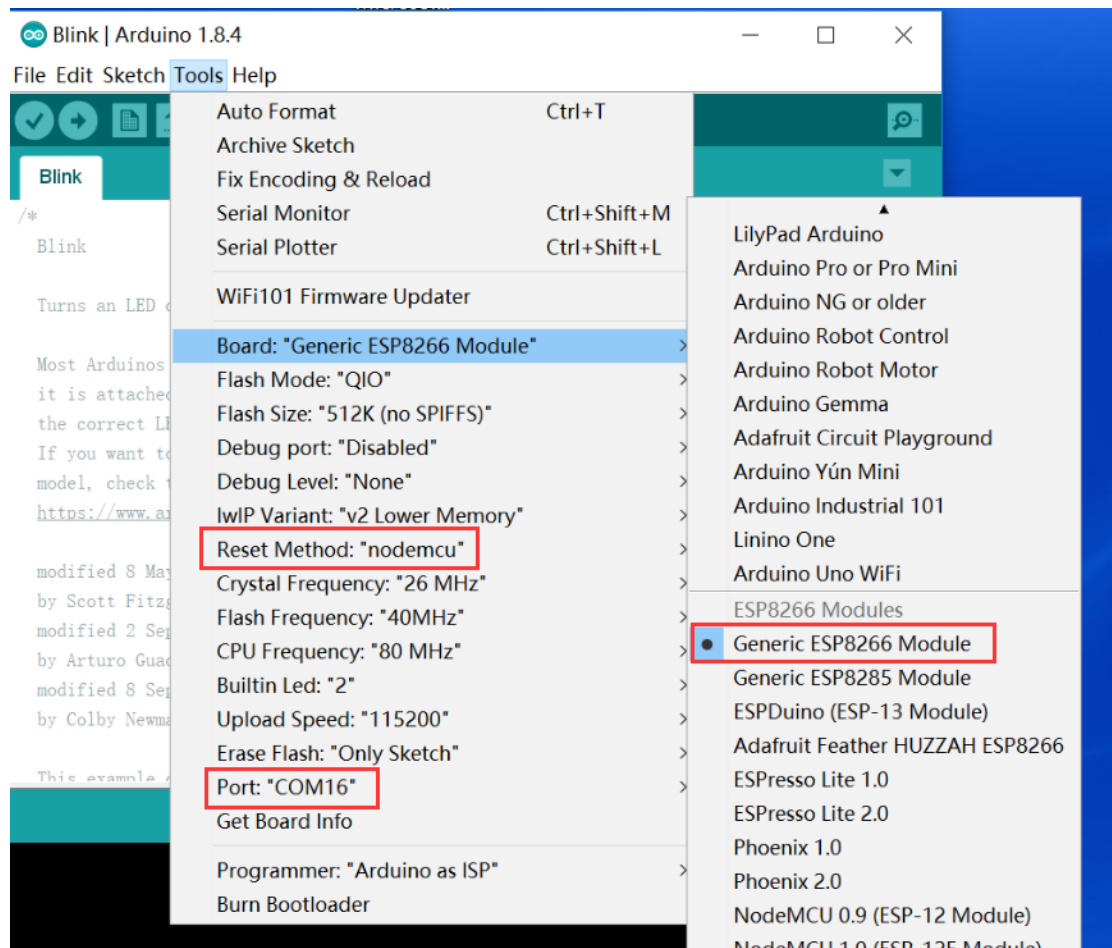
[More info](#)

## 5. Setup ESP8266 Support

When you've restarted, select **Generic ESP8266 Module** from the

Tools->Board dropdown

The matching COM port for your ESP-LINK



## 6. Blink Test

```
void setup() {
```

```
    pinMode(0, OUTPUT);  
}
```

```
void loop() {  
    digitalWrite(0, HIGH);  
    delay(500);  
    digitalWrite(0, LOW);  
    delay(500);  
}
```

Blink | Arduino 1.8.4

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Tools

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by Colby Newman

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This example code is in the public domain.

<http://www.arduino.cc/en/Tutorial/Blink>

\*/

// the setup function runs once when you press reset or power the board

void setup() {

// initialize digital pin LED\_BUILTIN as an output.

pinMode(0, OUTPUT);

}

// the loop function runs over and over again forever

void loop() {

digitalWrite(0, HIGH);  // turn the LED on (HIGH is the voltage level)

delay(1000);            // wait for a second

digitalWrite(0, LOW);   // turn the LED off by making the voltage LOW

delay(1000);            // wait for a second

}

▼

Done uploading.

..... [ 32% ]

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..... [ 97% ]

..... [ 100% ]

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>

H35nodemcu, 26 MHz, 40MHz, QIO, 512K (no SPIFFS), 2, v2 Lower Memory, Disabled, None, Only Sketch, 115200 on COM16