

Arduino Environmental Creation

Getting an Arduino

<https://www.arduino.cc/en/Main/Donate>

※Get version 1.8.9



Contribute to the Arduino Software

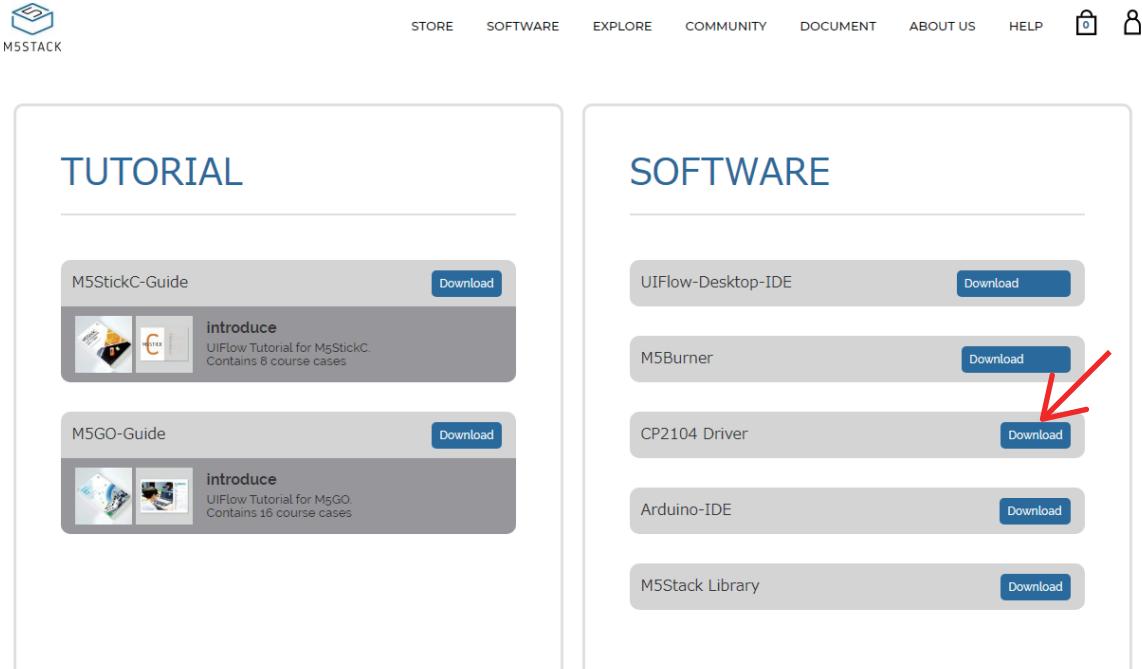
Consider supporting the Arduino Software by contributing to its development. (US tax payers, please note this contribution is not tax deductible). Learn more on how your contribution will be used.



Getting USB/UART driver

<https://m5stack.com/pages/download>

※Get version 1.8.9

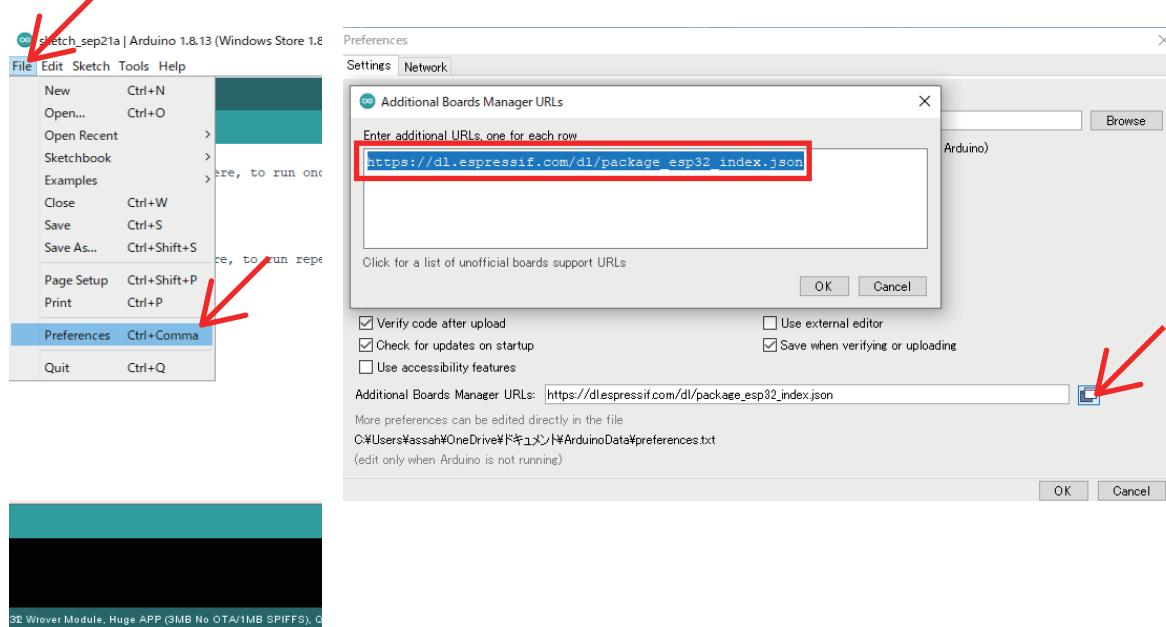


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Installing Arduino-esp32

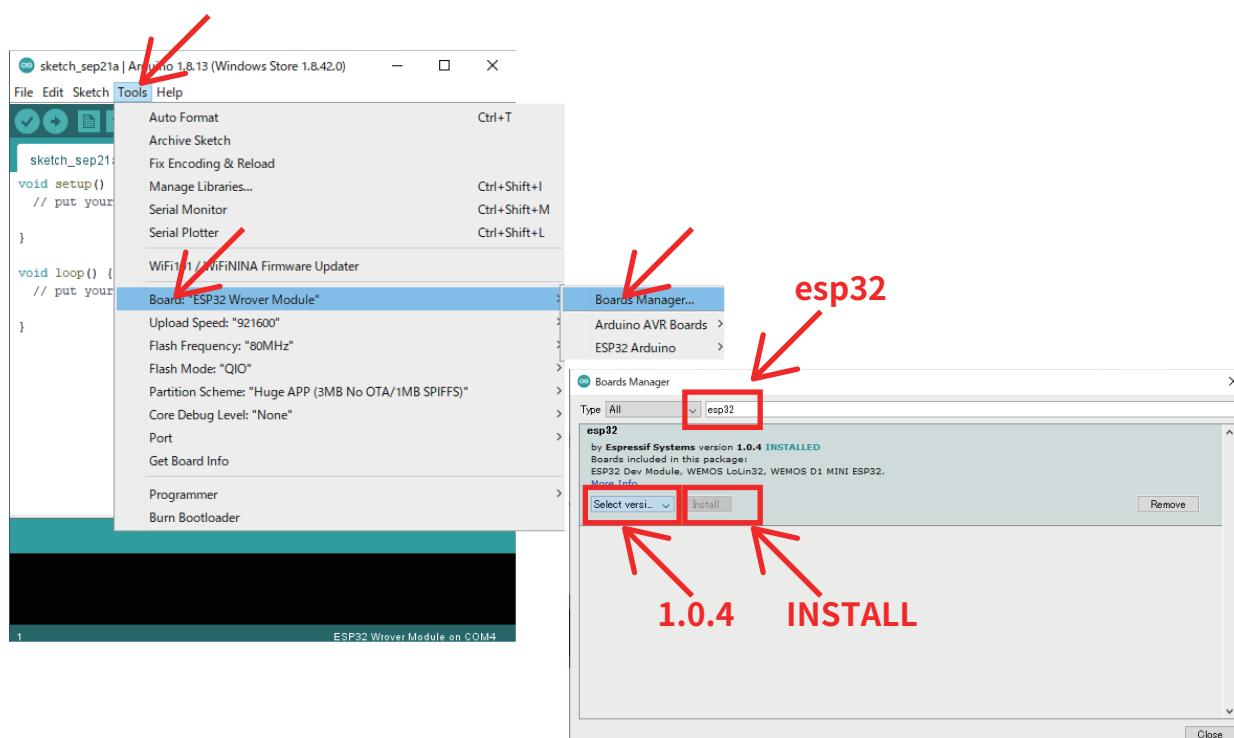
file >> preference >> Setting >> Additional Boards Manager URLs

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



Tools >> Board >> Board Manager >> Additional Boards Manager URLs

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



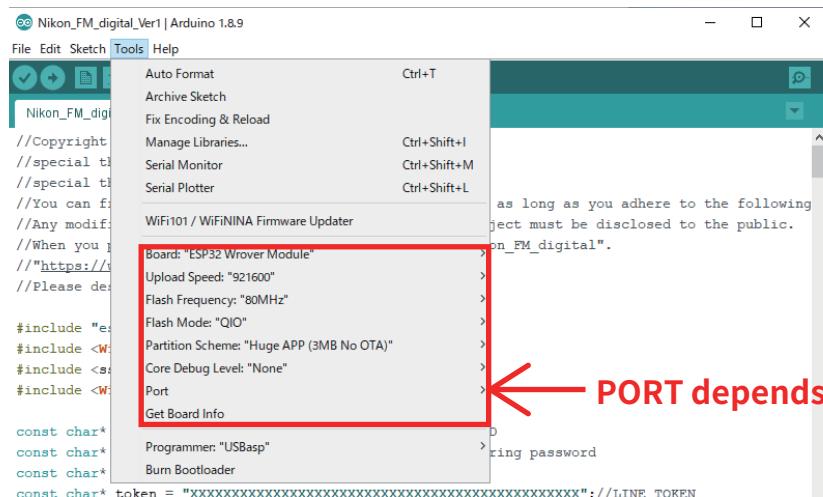
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Program Writing

Open Nikon_FM_digital.ino

>>Tools

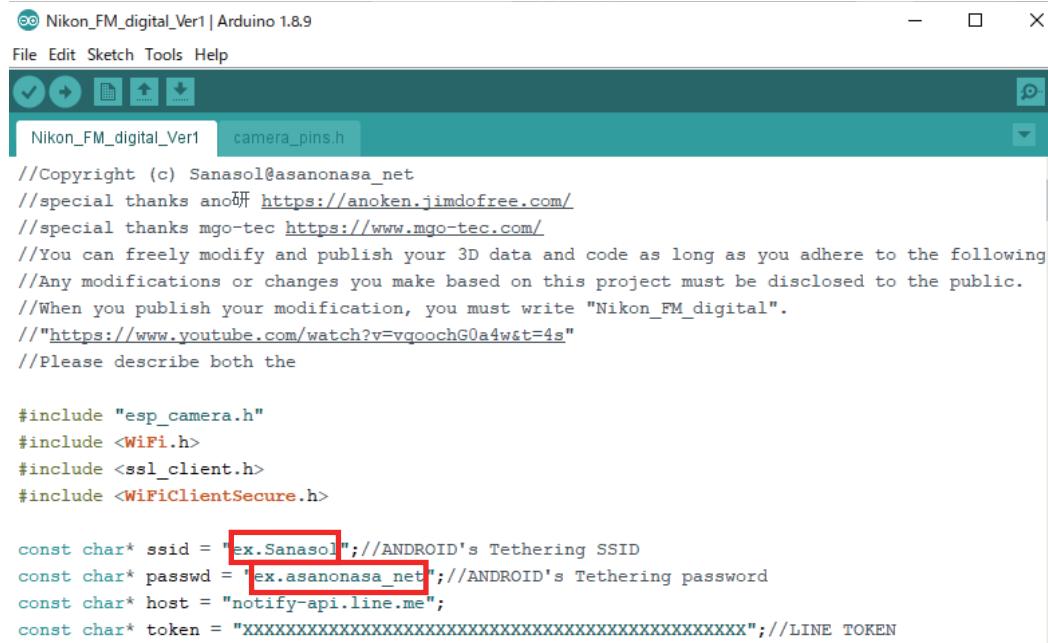
Check the settings in the red box.



as long as you adhere to the following
j ect must be disclosed to the public.
on_FM_digital".
Board: "ESP32 Wrover Module"
Upload Speed: "921600"
Flash Frequency: "80MHz"
Flash Mode: "QIO"
Partition Scheme: "Huge APP (3MB No OTA)"
Core Debug Level: "None"
Port
Get Board Info
Programmer: "USBasp"
Burn Bootloader
ring password
const char* token = "XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX"; //LINE TOKEN

PORT depends on the settings of each PC.

Rewrite the settings in the red frame to your own



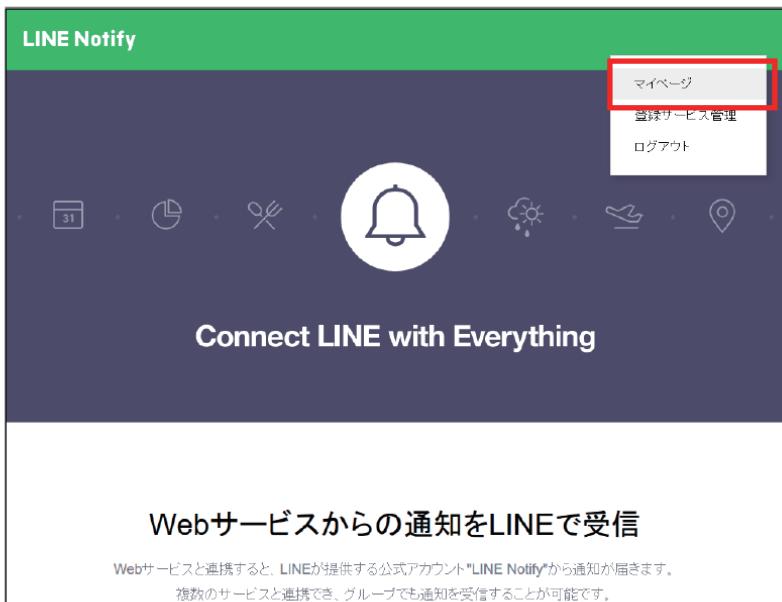
```
//Copyright (c) Sanasol@asanonasa.net
//special thanks anoken https://anoken.jimdofree.com/
//special thanks mgo-tec https://www.mgo-tec.com/
//You can freely modify and publish your 3D data and code as long as you adhere to the following
//Any modifications or changes you make based on this project must be disclosed to the public.
//When you publish your modification, you must write "Nikon_FM_digital".
//"https://www.youtube.com/watch?v=vqoochG0a4w&t=4s"
//Please describe both the

#include "esp_camera.h"
#include <WiFi.h>
#include <ssl_client.h>
#include <WiFiClientSecure.h>

const char* ssid = "ex.Sanasol"; //ANDROID's Tethering SSID
const char* passwd = "ex.asanonasa.net"; //ANDROID's Tethering password
const char* host = "notify-api.line.me";
const char* token = "XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX"; //LINE TOKEN
```

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We use a smartphone app called LINE to get the images.
I don't know if it's available for people outside of Japan.
LINE NOTIFY settings
<https://notify-bot.line.me/ja/>

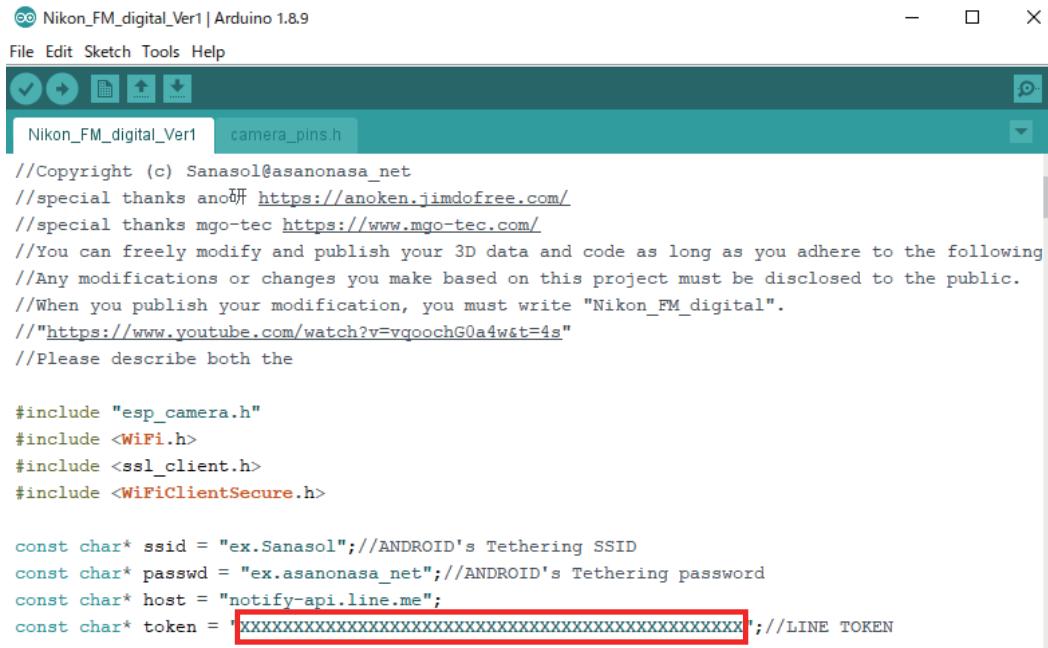


After registering, press the "Issue Token" button on the My Page
Write down the tokens.
※Note that the tokens issued will disappear once you leave the page.

A screenshot of the "連携中サービス" (Connected Services) section of the LINE Notify API Document. The page has a green header bar with the text "LINE Notify". Below the header, the title "連携中サービス" is displayed in bold black text. A sub-section titled "アクセストークンの発行(開発者向け)" (Issuing Access Tokens (Developer)) is shown. Under this section, there is a note: "パーソナルアクセストークンを利用することで、Webサービスの登録をせずに通知を設定することができます。" (By using a personal access token, you can set up notifications without registering the Web service). Below the note, there is a large blue button with the text "トークンを発行する" (Issue Token). This button is highlighted with a red box. At the bottom of the page, there is a link "LINE Notify API Document".

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The tokens you just wrote down are listed in the red box.



```
Nikon_FM_digital_Ver1 | Arduino 1.8.9
File Edit Sketch Tools Help
camera_pins.h
//Copyright (c) Sanasol@asanonasa.net
//special thanks anoken https://anoken.jimdofree.com/
//special thanks mgo-tec https://www.mgo-tec.com/
//You can freely modify and publish your 3D data and code as long as you adhere to the following
//Any modifications or changes you make based on this project must be disclosed to the public.
//When you publish your modification, you must write "Nikon_FM_digital".
//"https://www.youtube.com/watch?v=vqoochG0a4w&t=4s"
//Please describe both the

#include <esp_camera.h>
#include <WiFi.h>
#include <ssl_client.h>
#include <WiFiClientSecure.h>

const char* ssid = "ex.Sanasol"; //ANDROID's Tethering SSID
const char* passwd = "ex.asanonasa.net"; //ANDROID's Tethering password
const char* host = "notify-api.line.me";
const char* token = "XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX"; //LINE TOKEN
```

All you have to do is write the program and you're done!