



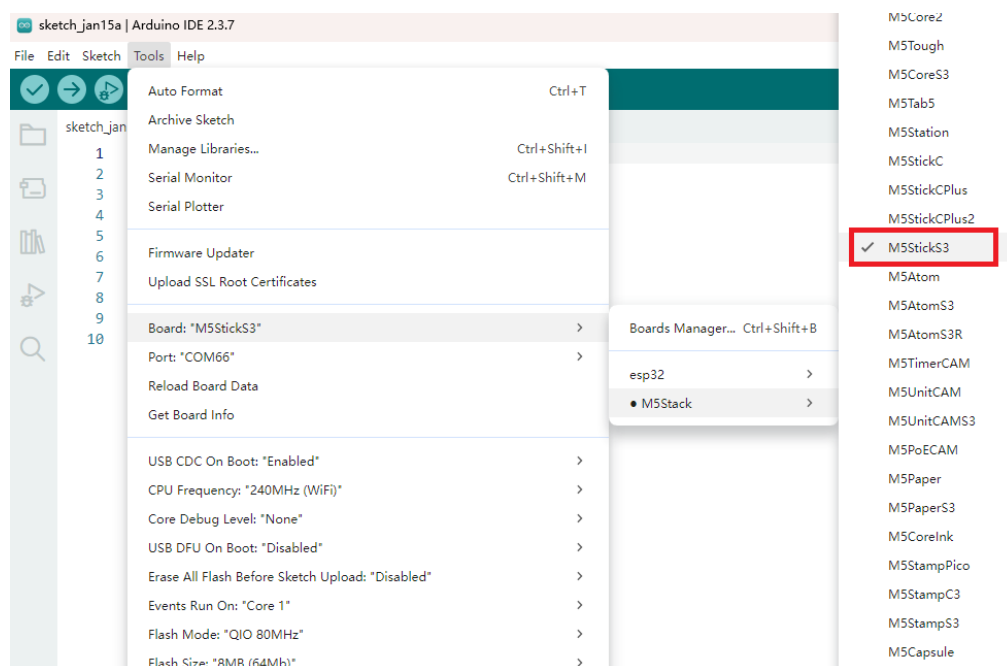
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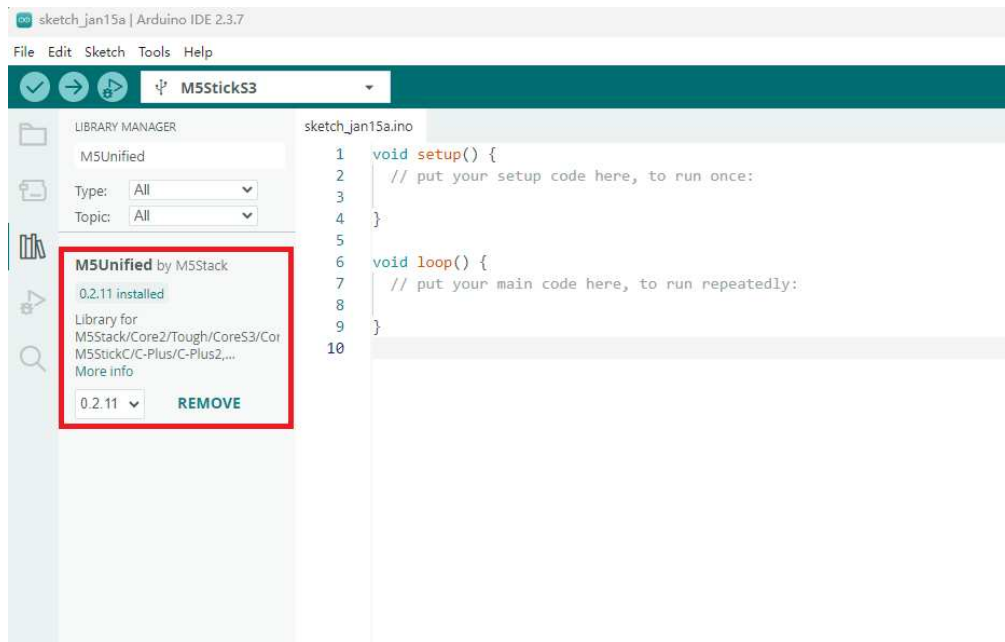
StickS3 Arduino Program Compilation & Upload

1. Preparation

- 1. Arduino IDE Installation: Refer to [Arduino IDE Installation Guide](#) to complete the IDE installation.
- 2. Board Manager Installation: Refer to [Basic Environment Setup Guide](#) to complete the M5Stack board manager installation and select the development board **M5StickS3**.



- 3. Library Installation: Refer to [Library Management Installation Guide](#) to complete the installation of **M5Unified** and **M5GFX** driver libraries, and follow the prompts to install all the required libraries.



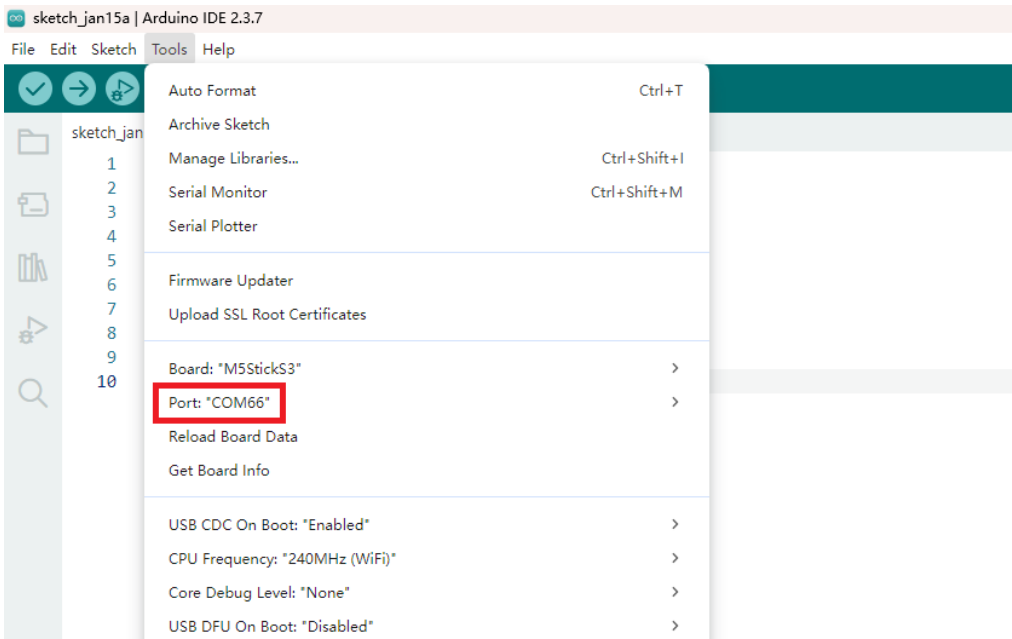
2. Download Mode

Press and hold the reset button on the side of the device for about 2 seconds. When the green LED inside the device blinks, release the button and the device enters download mode, ready for programming.



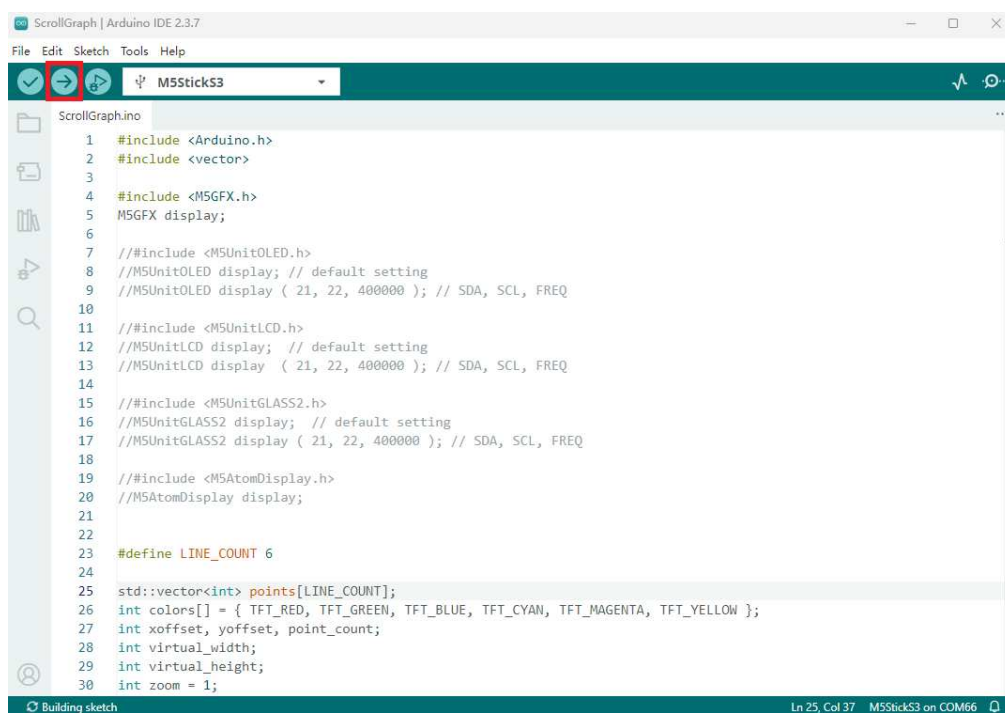
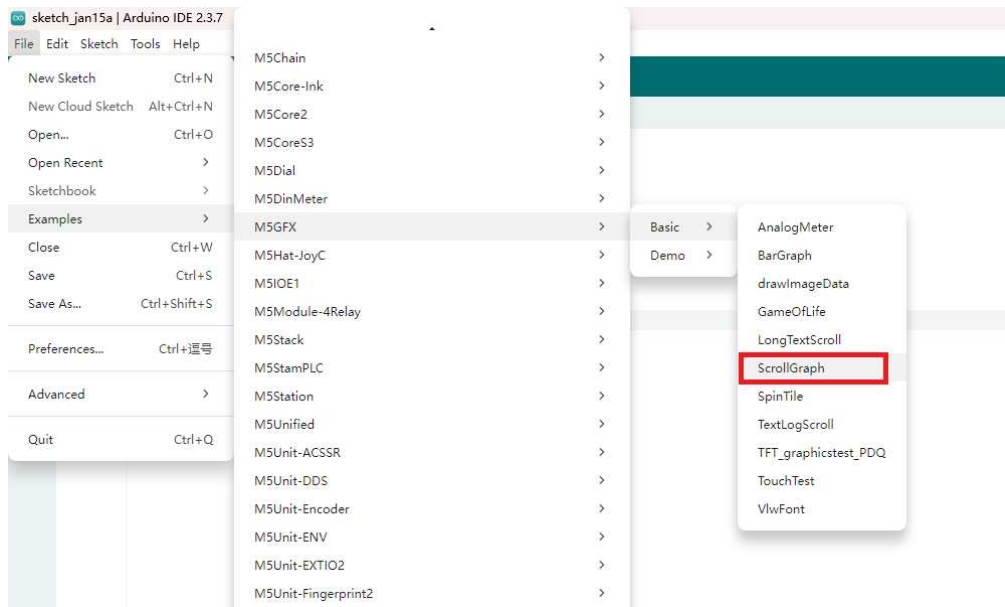
3. Port Selection

Connect the device to your computer via a USB cable. After the device enters download mode, you can select the corresponding device port in Arduino IDE.

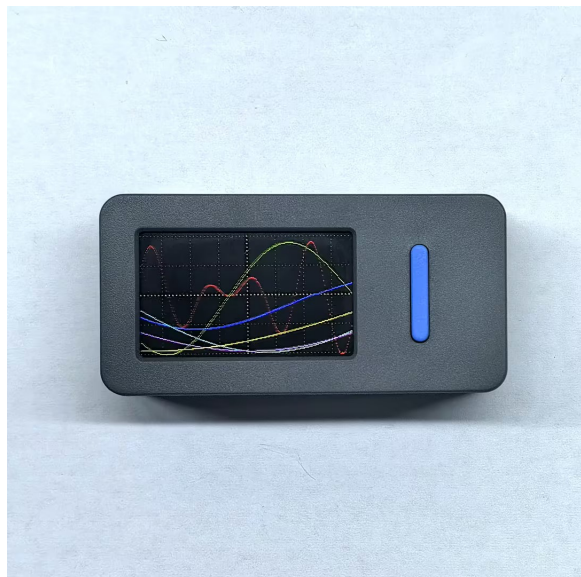


4. Program Compilation & Upload

Open the example program "ScrollGraph" in the driver library, click the upload button, and the program will be automatically compiled and uploaded.



The example program runs as follows:



| 5. Related Resources

- [Arduino Library](#)
 - [M5Unified](#)
 - [M5GFX](#)
- [Arduino API & Examples](#)
 - [Battery](#)
 - [Button](#)
 - [Display](#)
 - [IMU](#)
 - [IR NEC](#)
 - [Mic](#)
 - [Speaker](#)
 - [Wakeup](#)