

# Common Driver Installation

## Common Driver Installation

- 1、Serial port driver
  - 1.1、CH340
  - 1.2、CP210x
- 2、ST-Link drive

This tutorial is about how to install drivers on Windows platforms

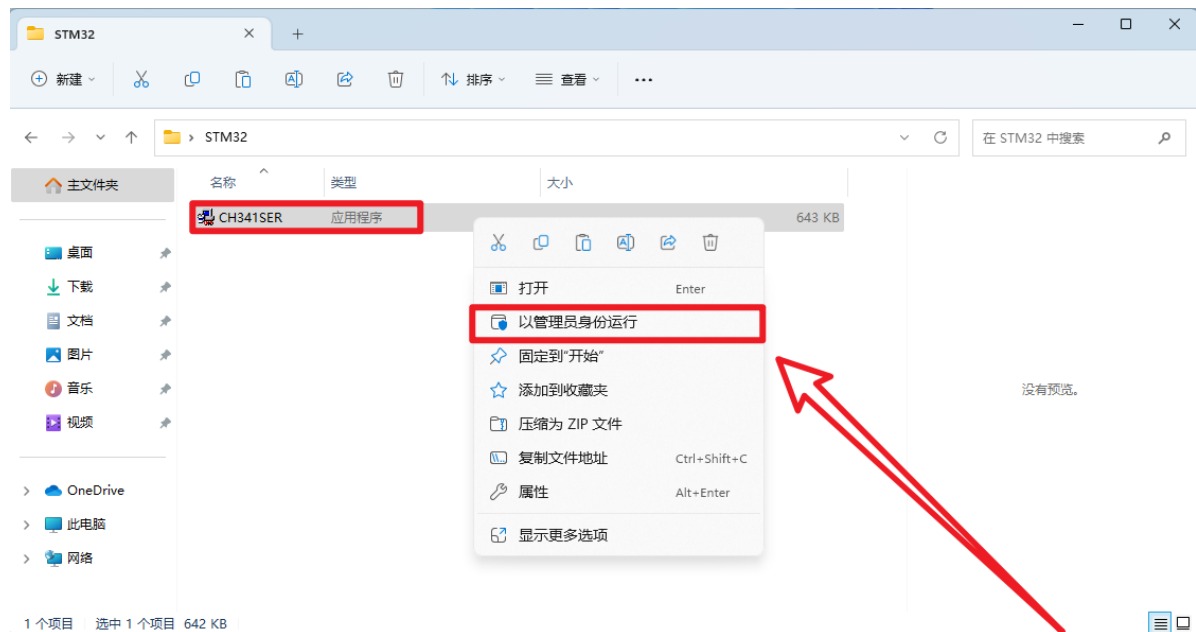
## 1、Serial port driver

CH340 and CP210x are two common serial port to USB chip models.

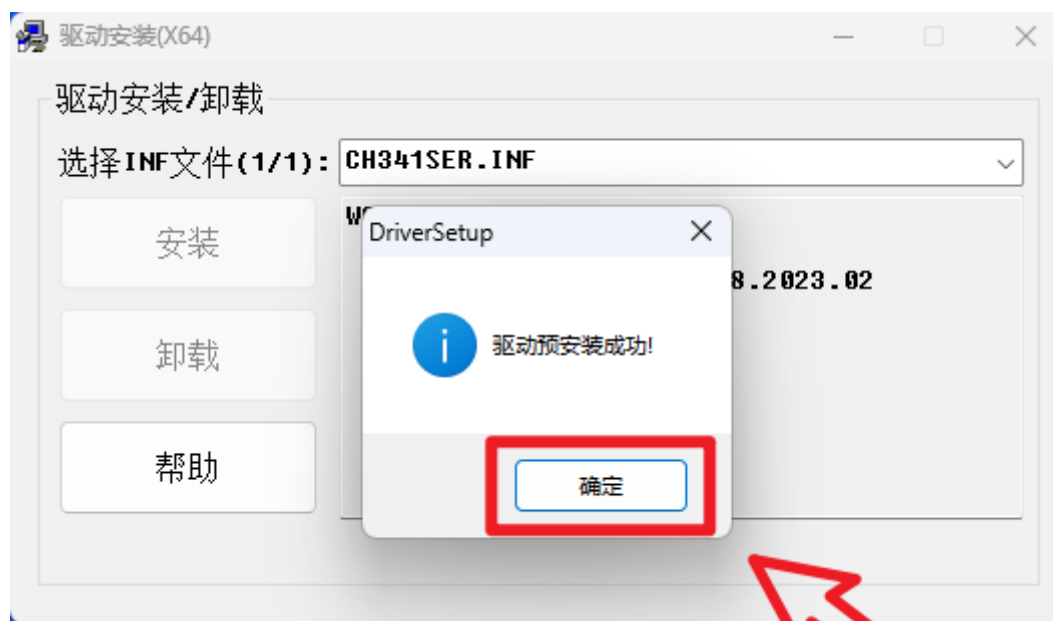
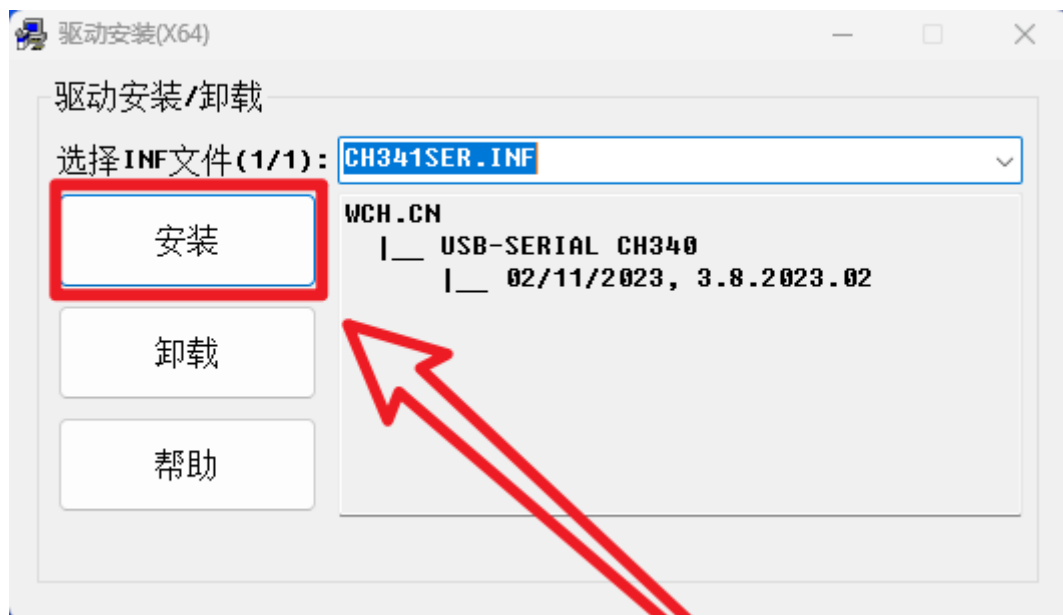
### 1.1、CH340

- **Administrator**

Open the installation package as an administrator

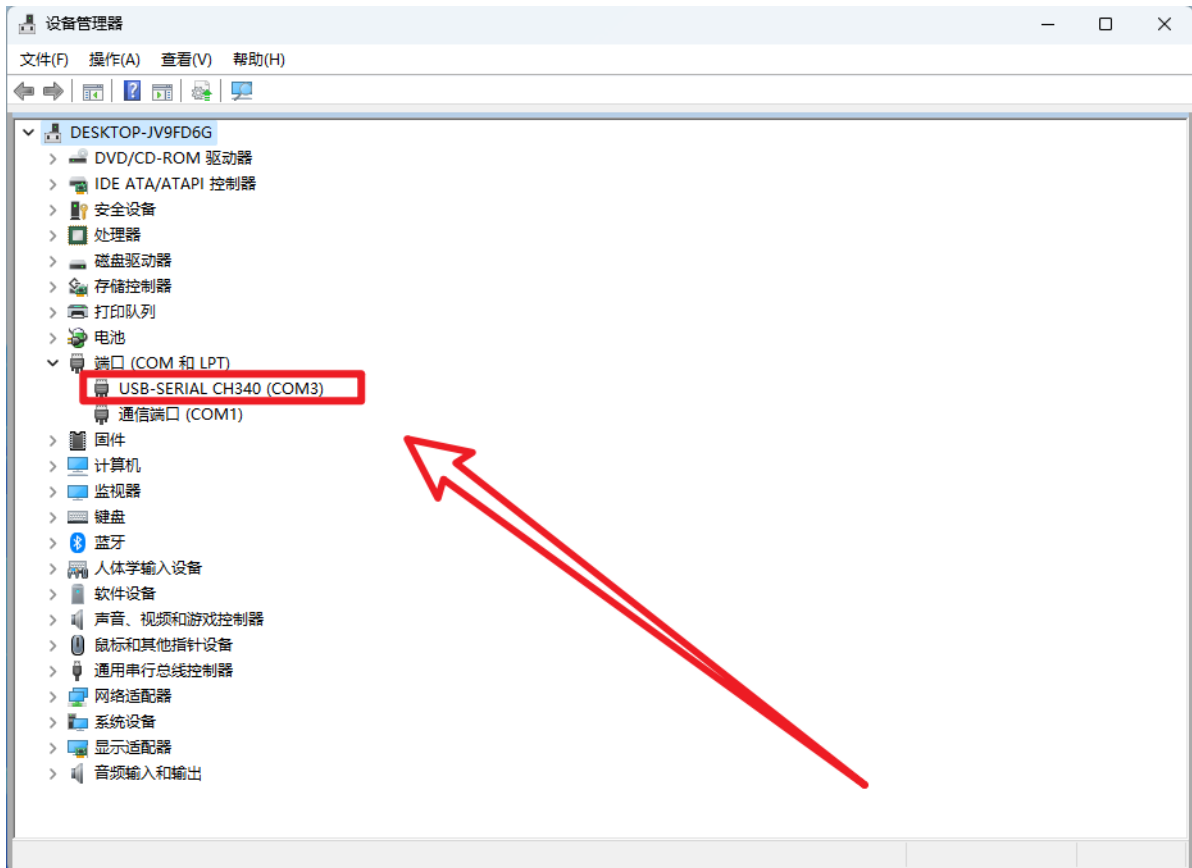


- **install**



- **Effecton**

Use the product with CH340 driver chip to connect to the computer and see if it can be recognized normally (go to the system device manager → port to check)

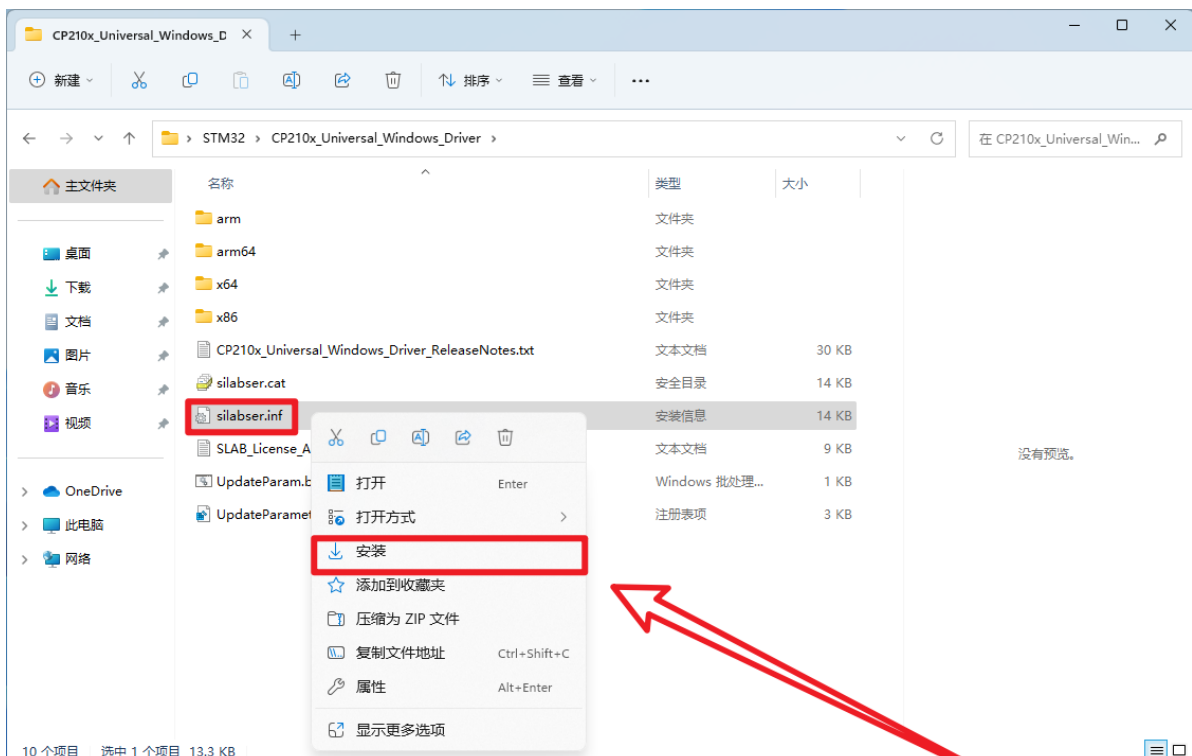


After installing the driver, you can restart the system and then access the serial communication equipment

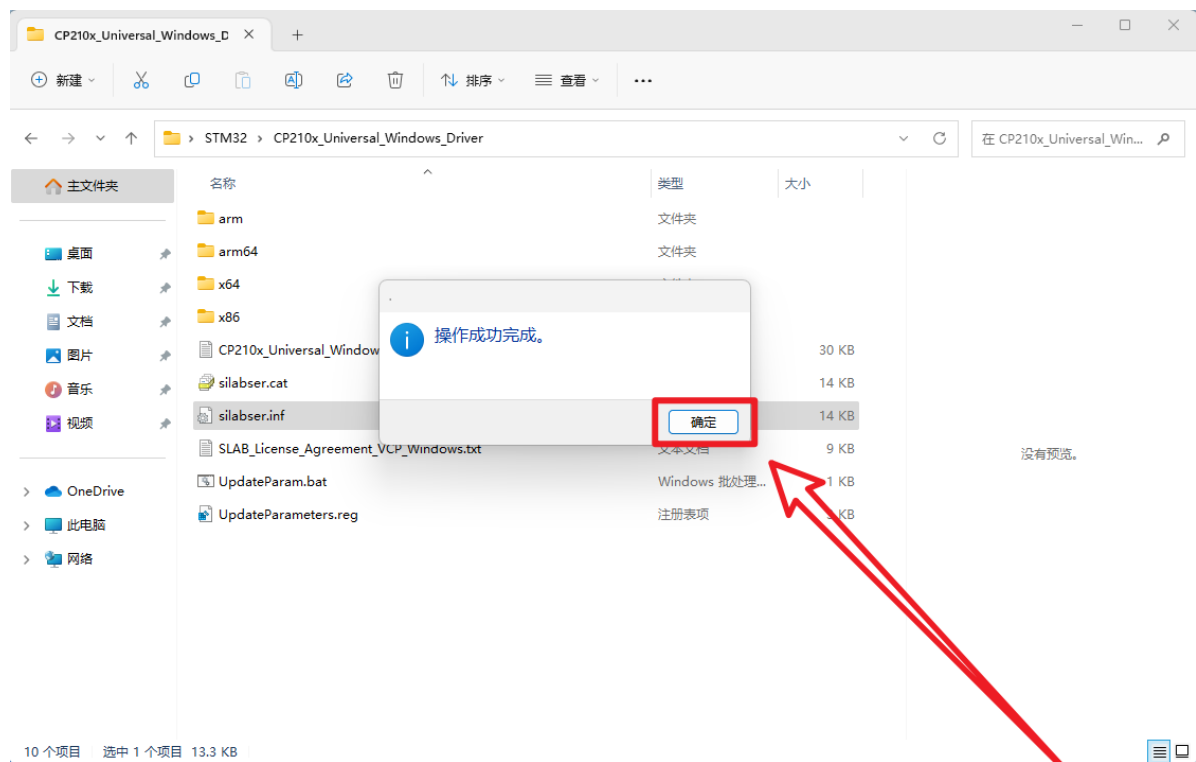
## 1.2、CP210x

- **Installation**

After unpacking the downloaded compressed package, select the "silabser.inf" file to install.

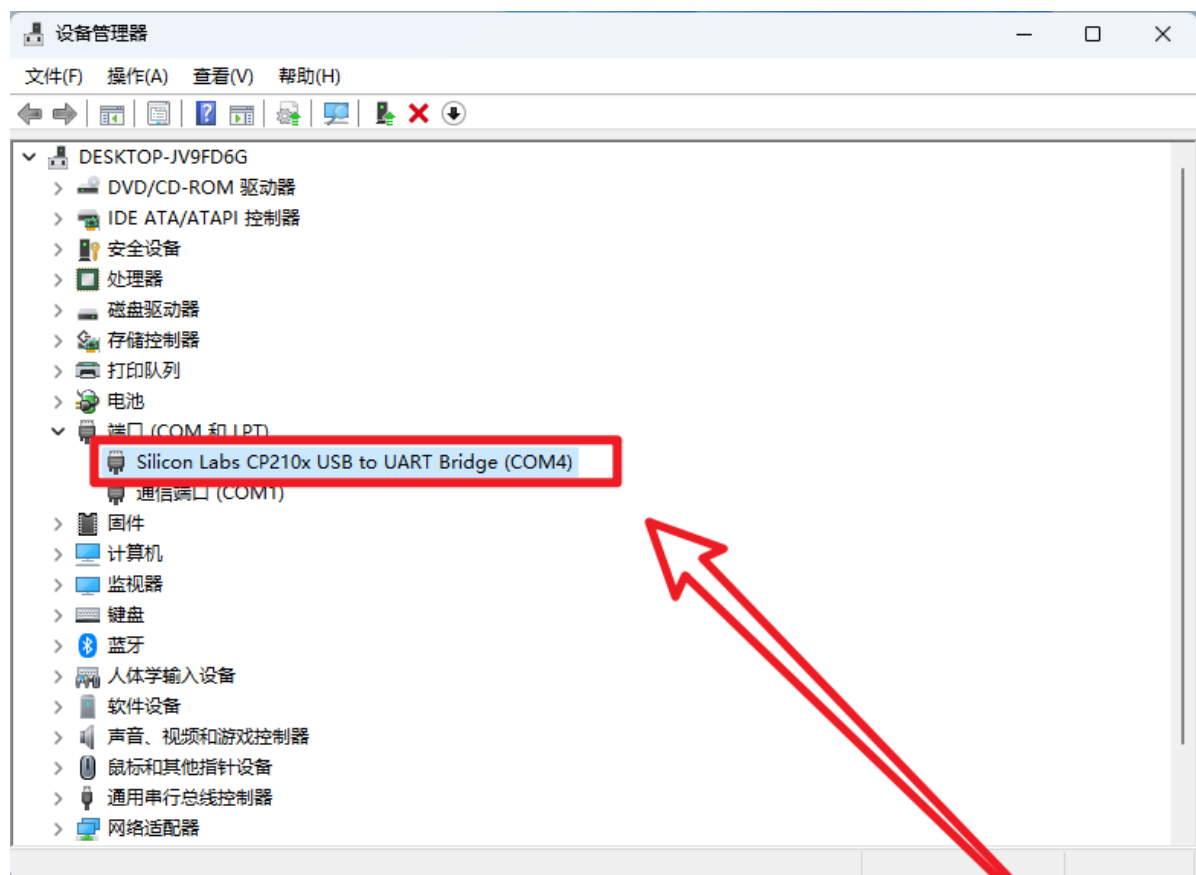


- **Click on OK button**



### • Effecton

Use the product with CP210x driver chip to connect to the computer and see if it can be identified normally (go to the system device manager → port to check).



After installing the driver, you can restart the system and then connect to the serial communication device.

## 2、ST-Link drive

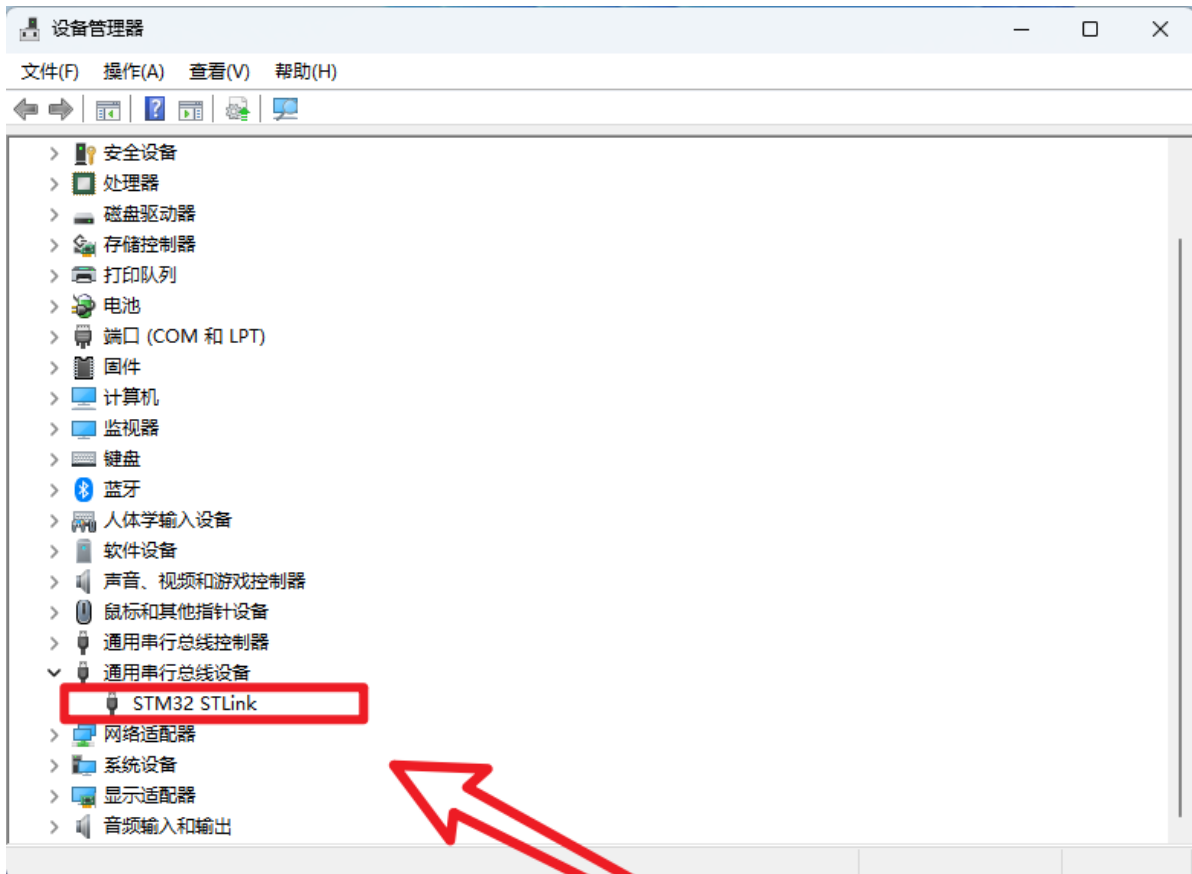
This chapter only describes the ST-Link driver installation, not the rest.

If you followed this tutorial from scratch, you do not need to install any emulator drivers because you already installed the ST-Link drivers when installing the software.

MDK-ARM installation tutorial: ST-Link driver installed

STM32CubeIDE Installation - Usage Tutorial: Installing ST-Link and J-Link drivers

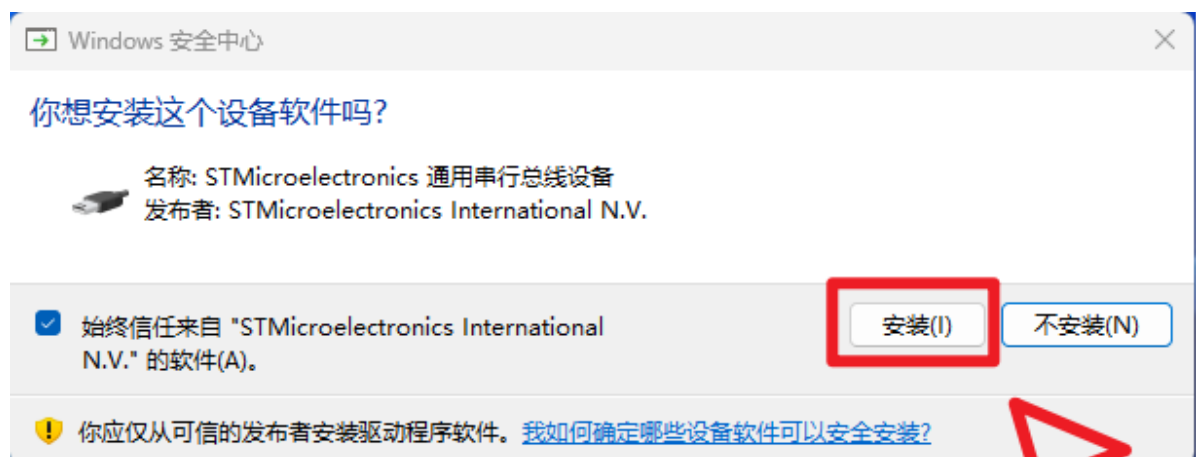
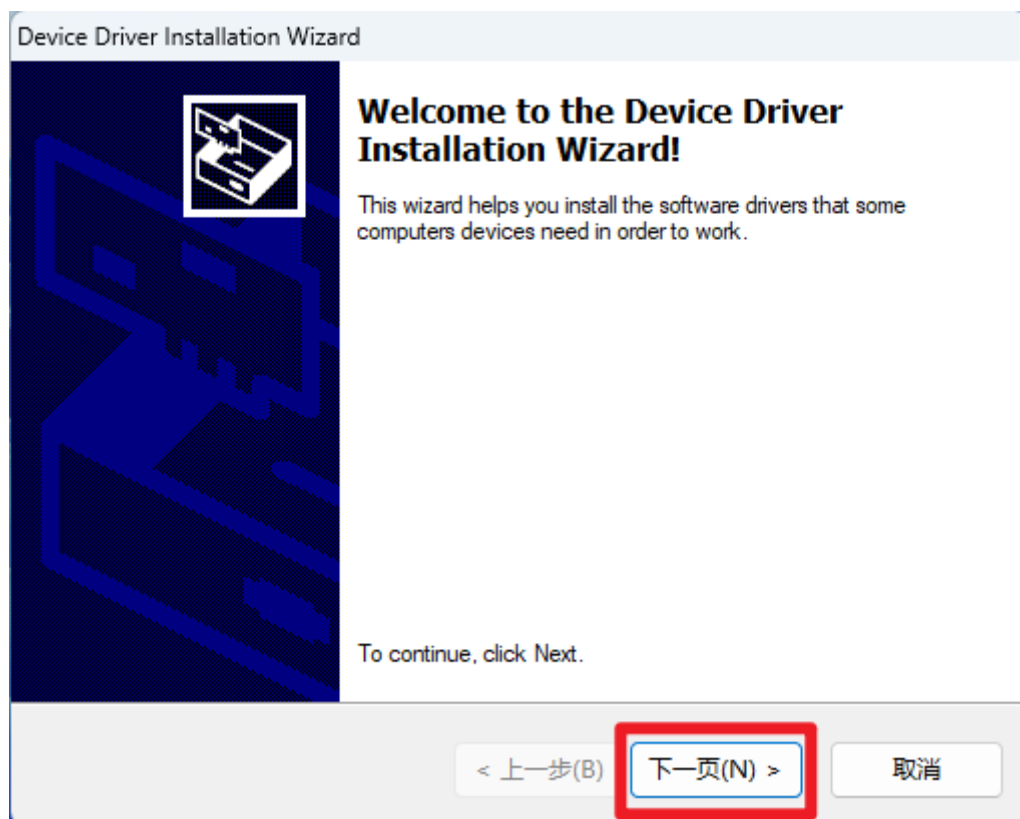
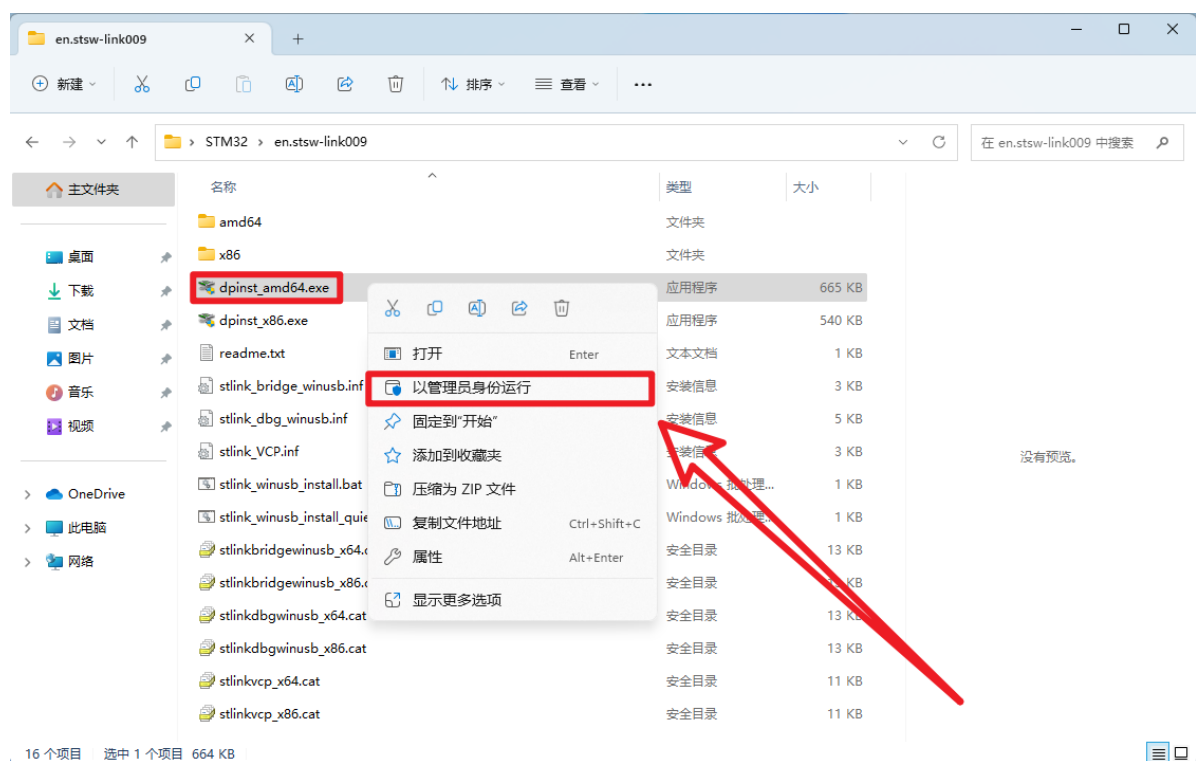
- **Normal drive**

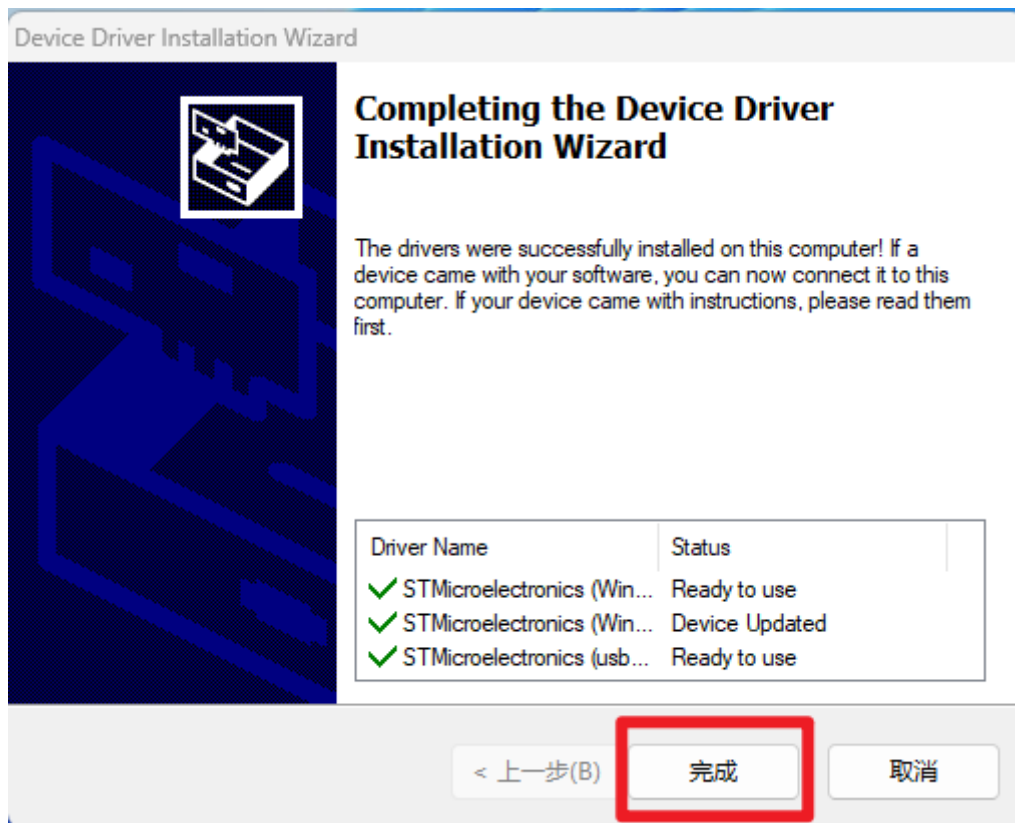


Shown here is the ST-Link driver installed by default in the software

- **Installing the driver**

After extracting the archive, open the installation package as an administrator





- **Effection**

Connect the ST-Link to the computer to see if it can be recognized normally (go to the system Device Manager → Universal Serial bus device to see).

