When it is found that the firmware cannot run normally, it may be that the boot program has been lost or damaged.

The technology here has updated the latest boot program for you to solve your troubles and requires an onboard DFU.

You need to prepare a Type-c cable, a computer (64-bit computer is recommended), and the installation software has been provided

The following steps are required

1,Install java

（1） Open the JavaSetup8u291 installation package, check the change destination folder, and click install;

（2）Select the appropriate installation directory and click Next;

（3）Waiting for automatic installation;
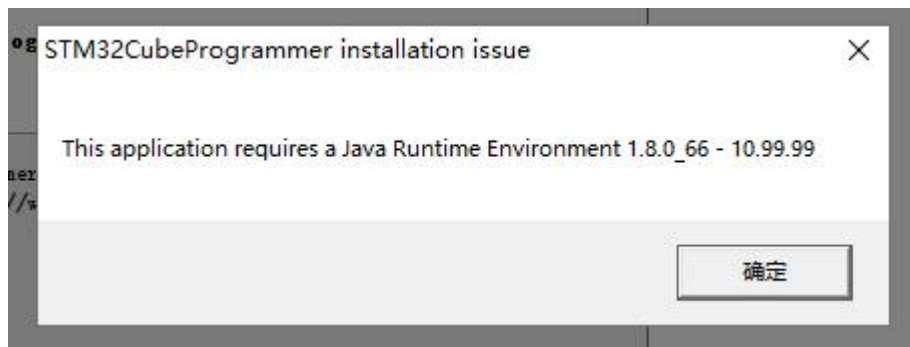

（4）After the installation is complete, click Close;

（5）Check the following folders in the start menu, it means the installation is successful.

2,Install SetupSTM32CubeProgrammer_win64

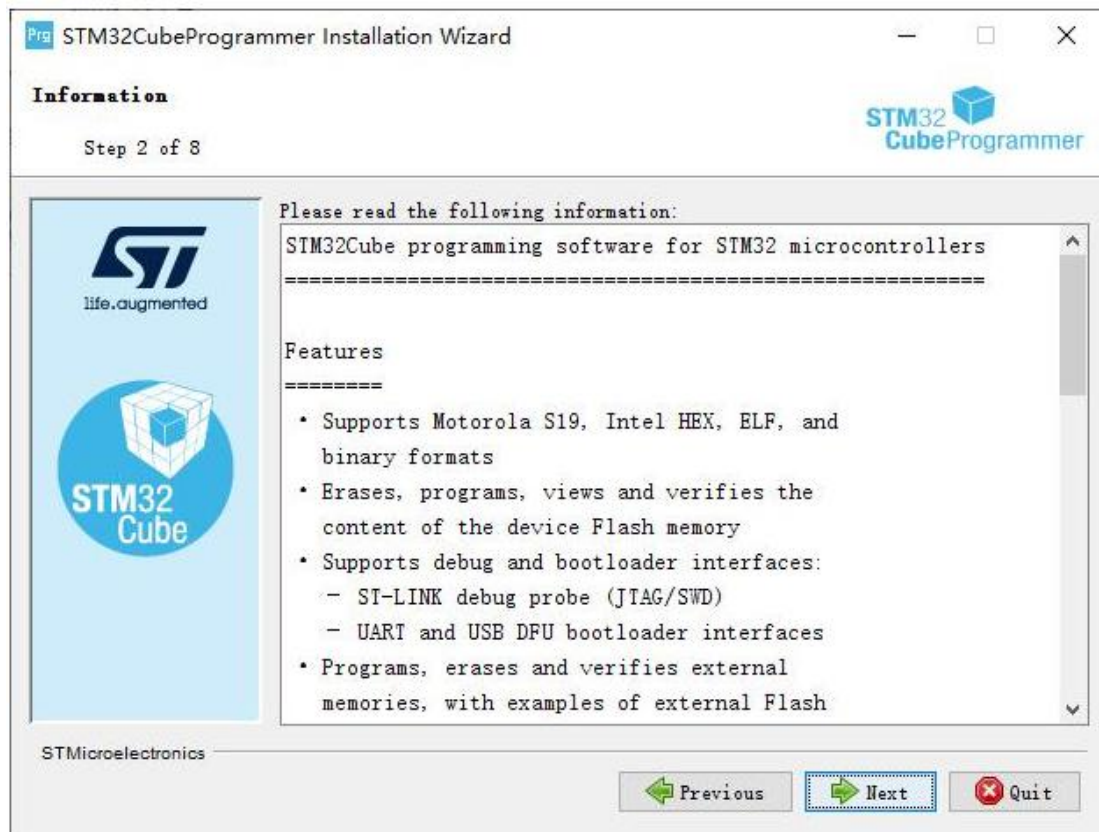If it is a 32-bit computer, please install SetupSTM32CubeProgrammer_win32

（1）If the above picture is displayed, it means that the java environment is not installed, and the first step of installation is required
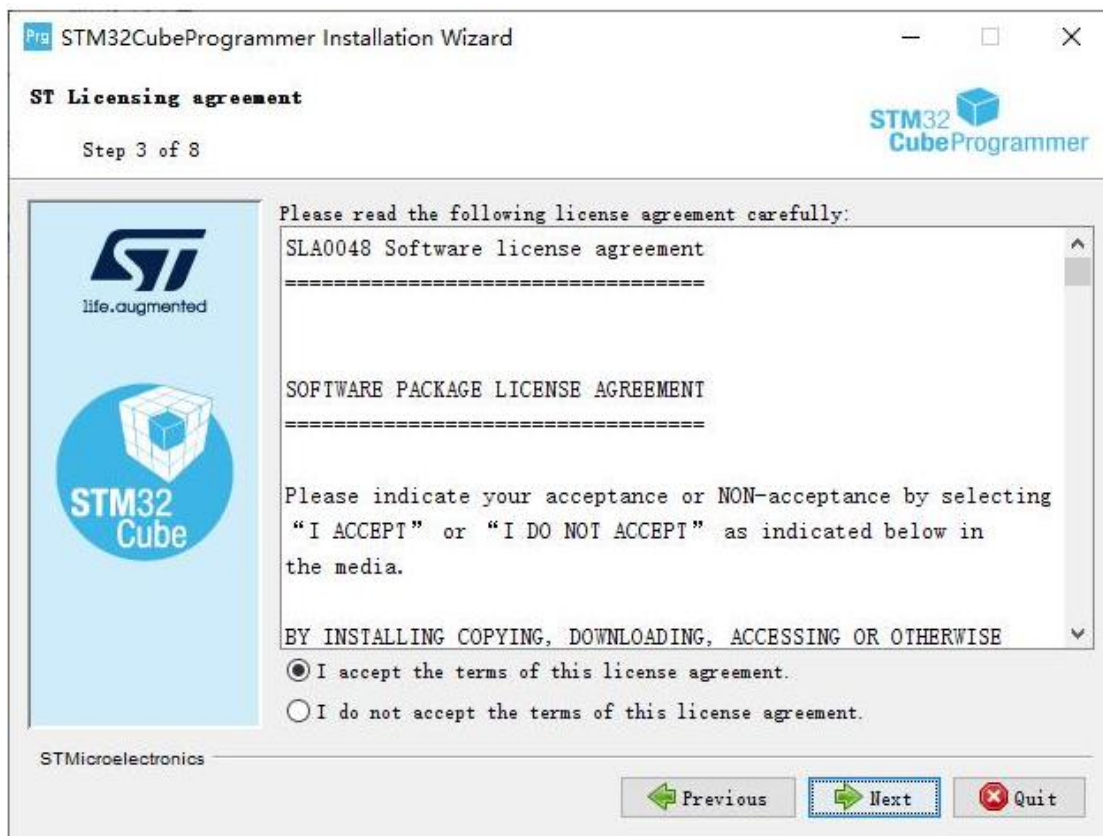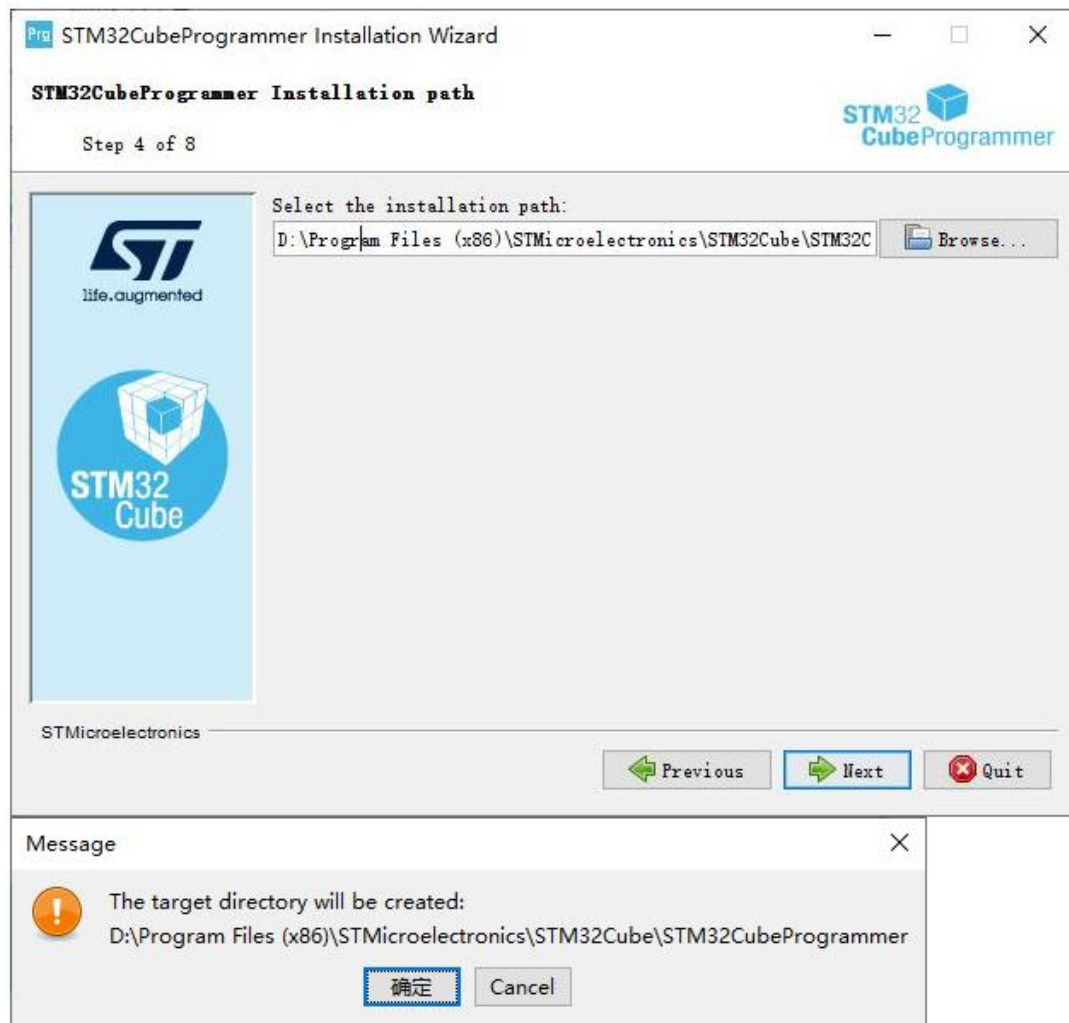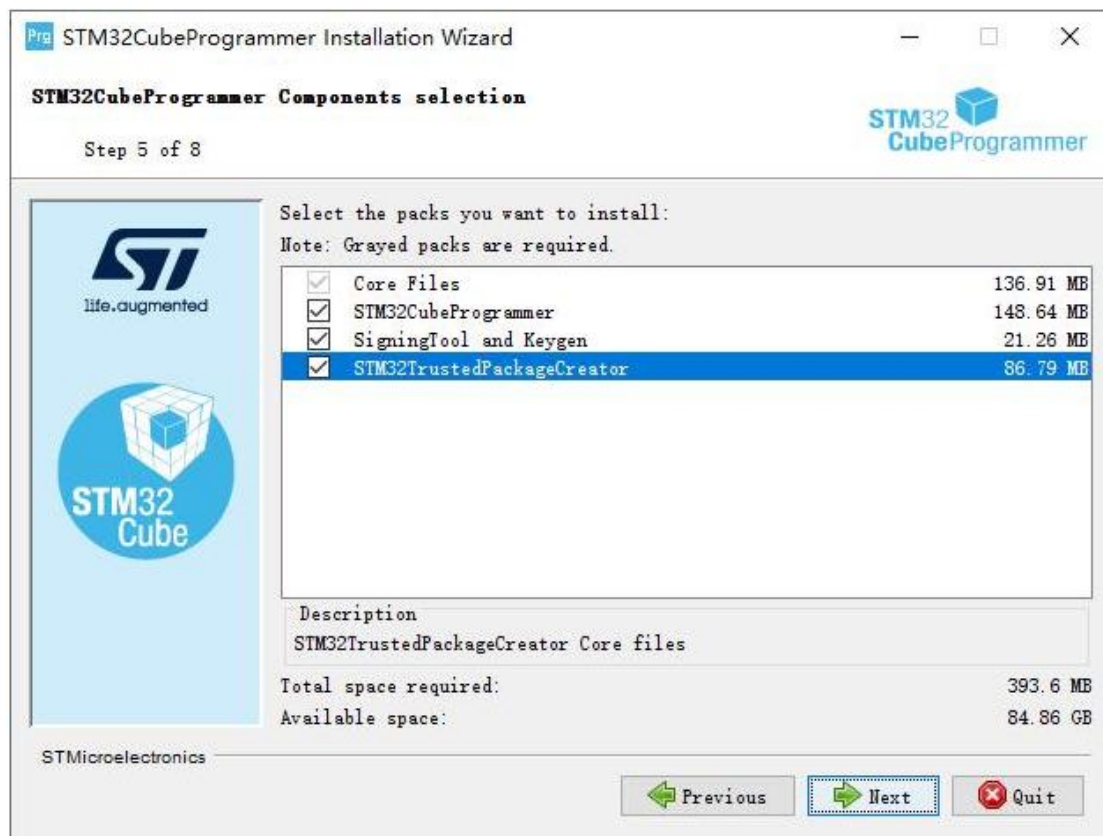
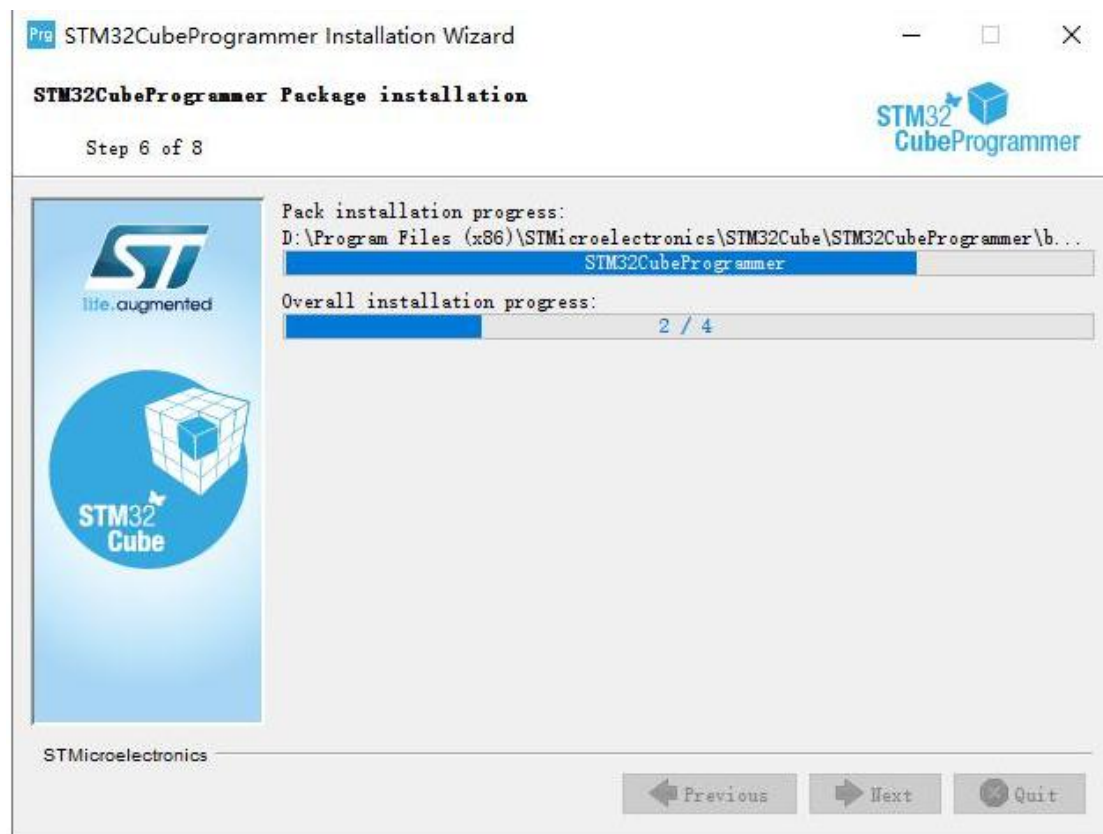（2）Click next

（3）Click next

（4）Check I accpt, click Next;

（5）Select the appropriate installation path and click Next; (if the path has not been created, it will prompt that the path will be created)
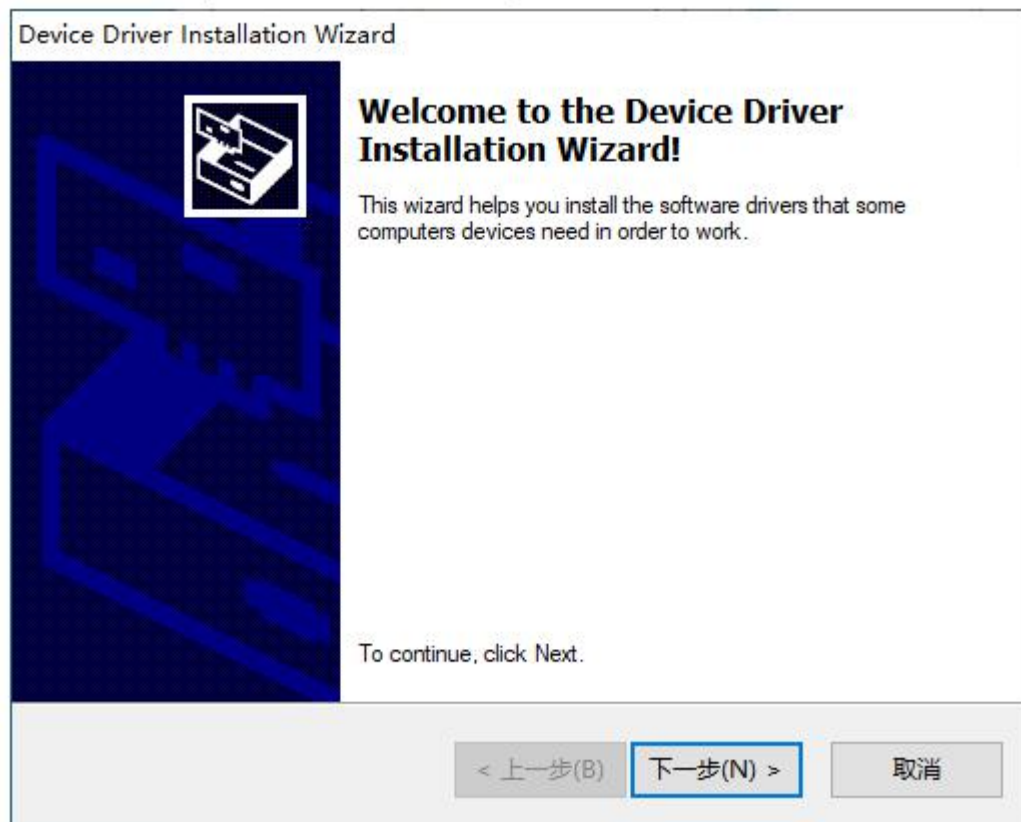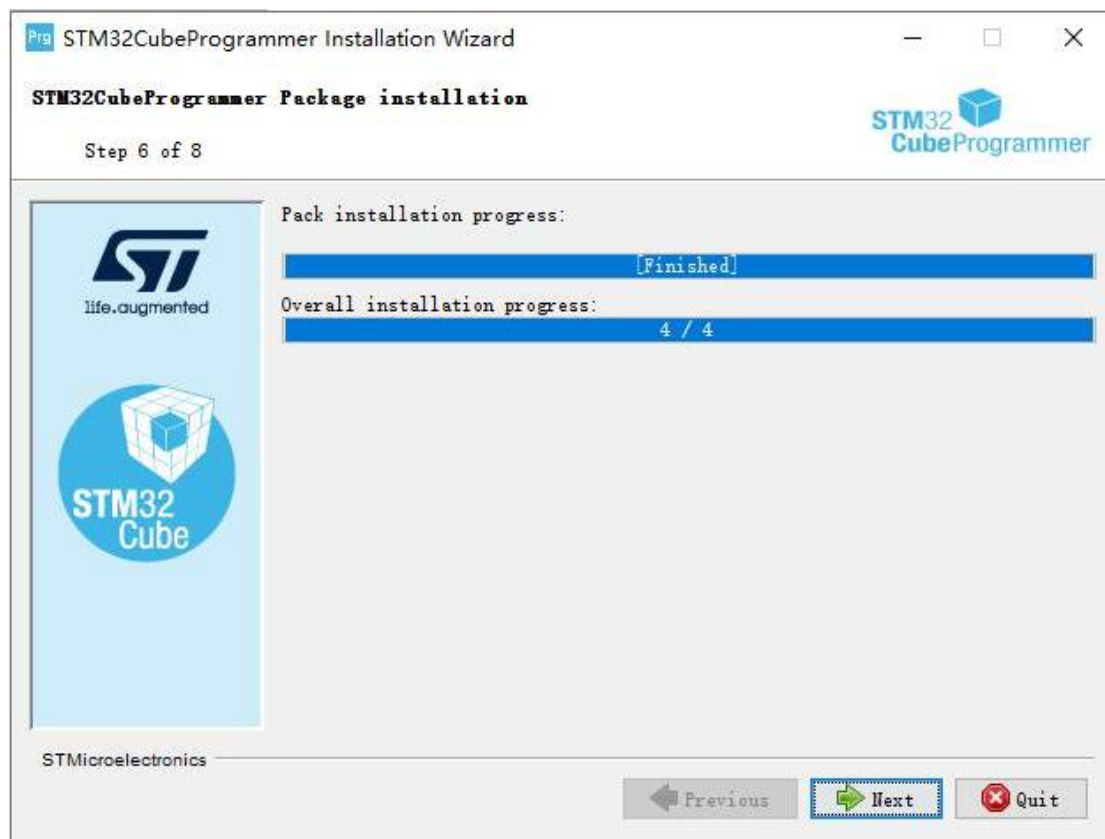
（6）Tick according to your needs, and click Next;

（7）Automatic software installation

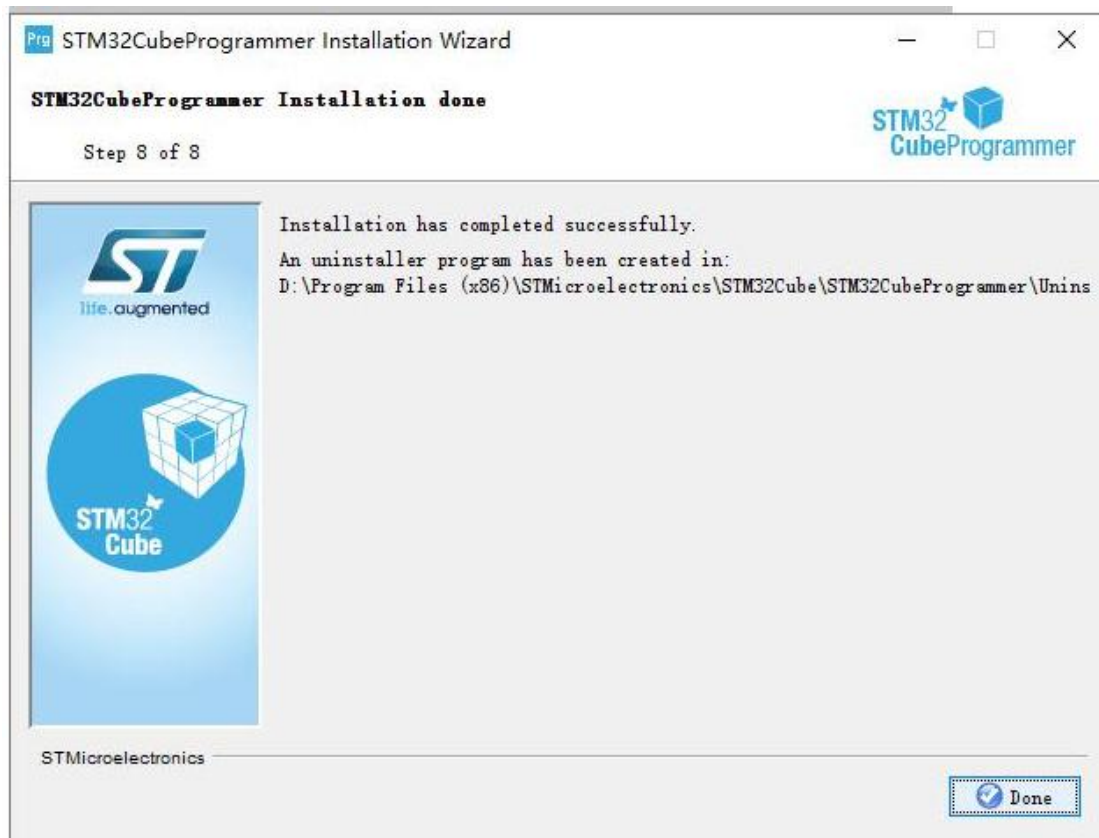（8）The driver will be installed midway, just follow the prompts to install

（9）After the installation is complete, click Next;
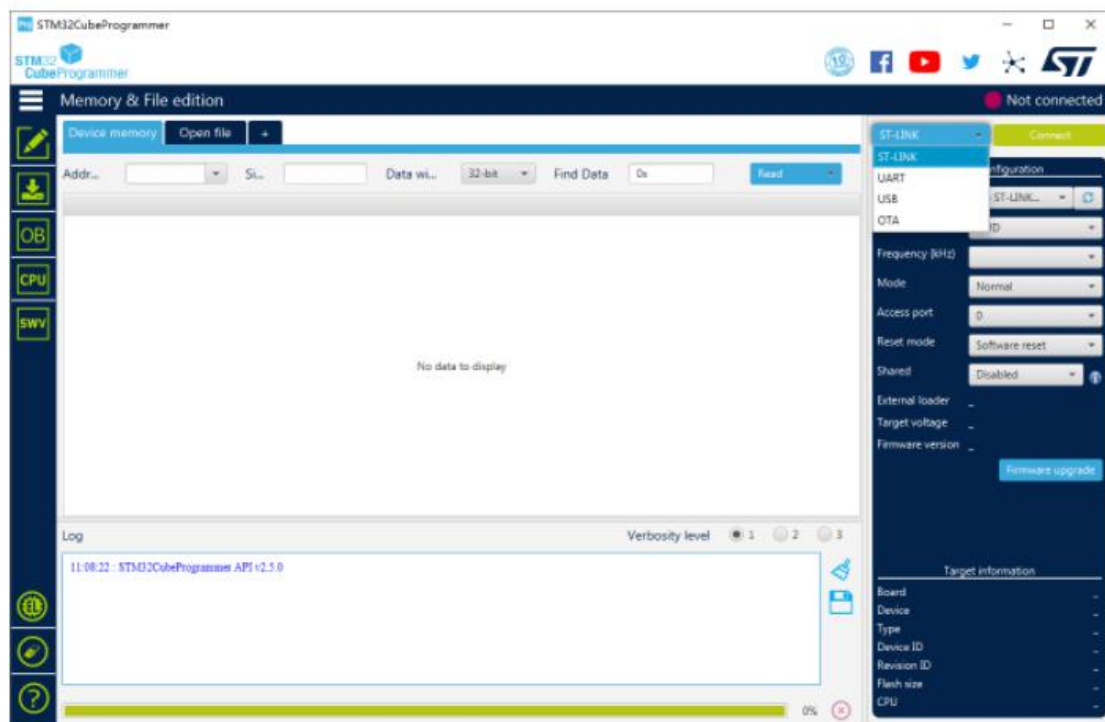

（10）Tick according to your needs and click Next;

（11）It prompts that the installation is successful and an uninstaller is created in the Uninstaller folder of the installation directory, click Done;
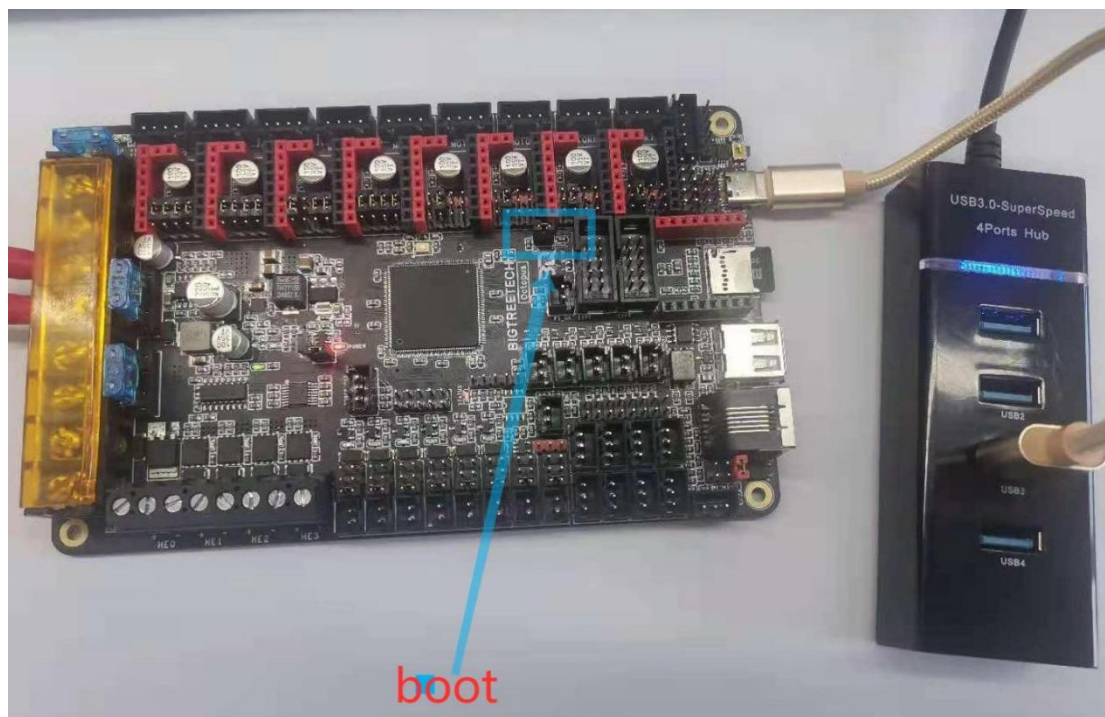

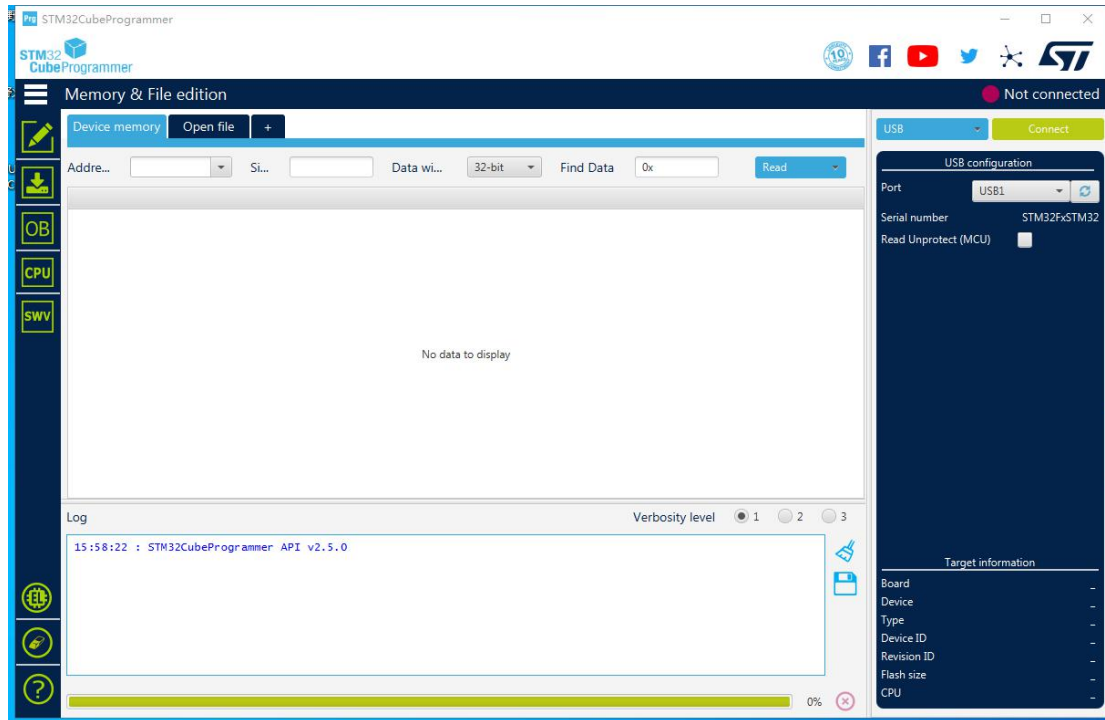（12）Open the software

（13）It looks like this after opening

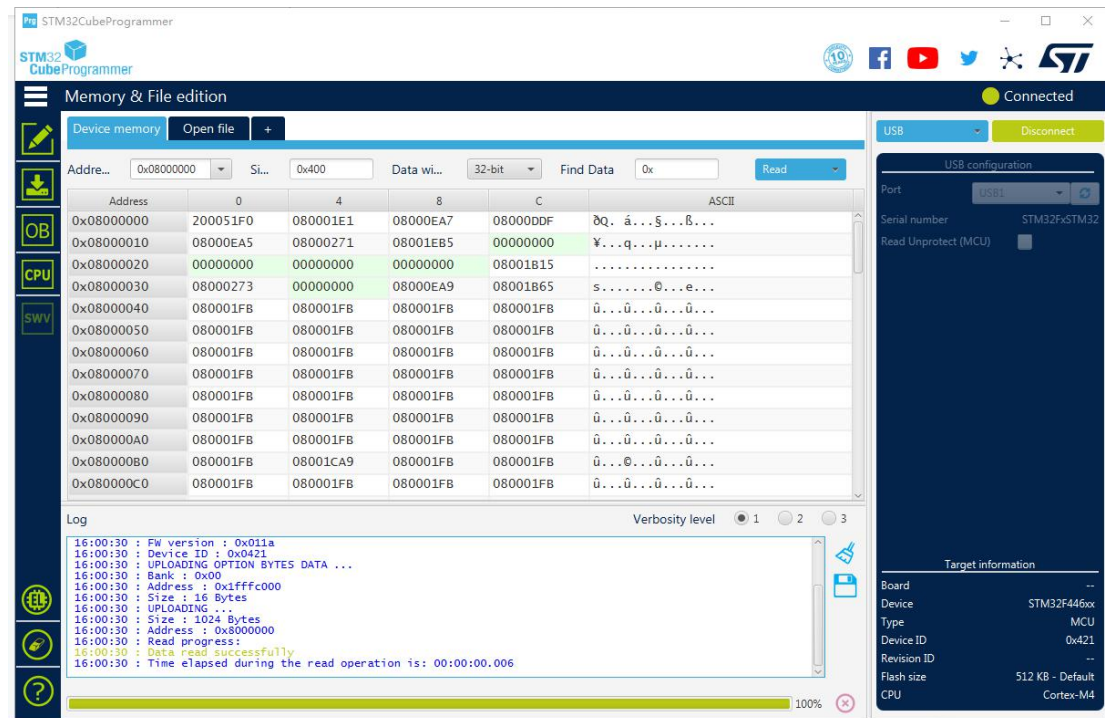3，After installation, connect the octopus as follows

boot

Use the jumper cap to plug in the boot, and then click reset
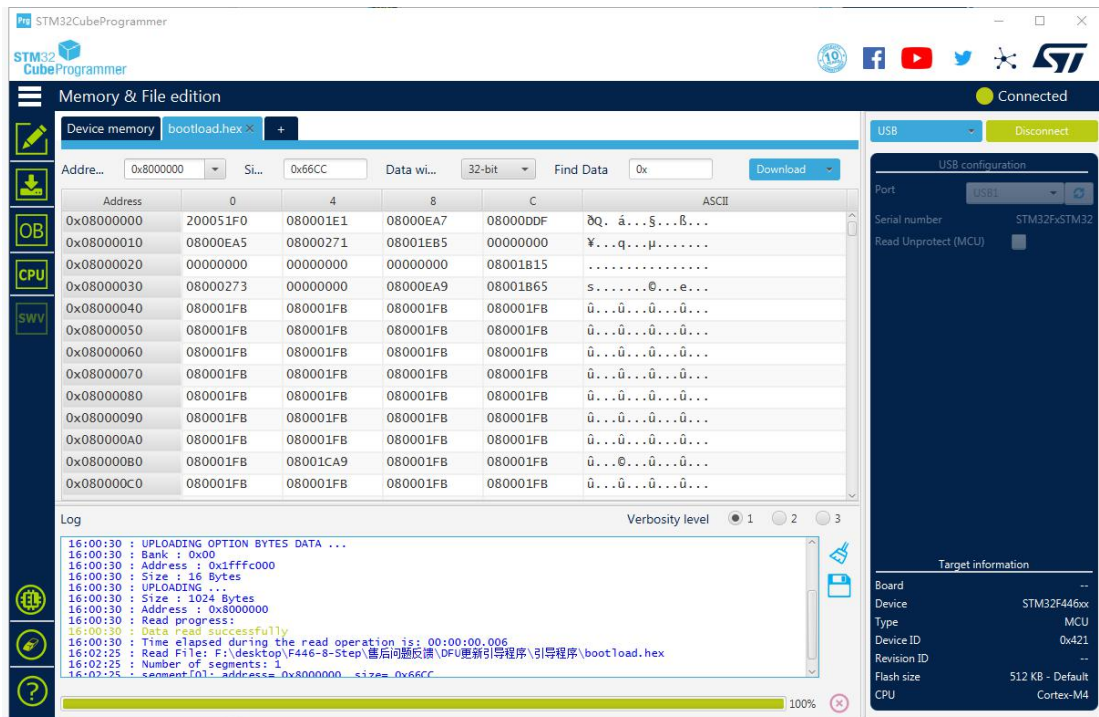
4，Use STM32CubeProgrammer software to download

（1）Click refresh, it will display USB1, indicating successful recognition, if not recognized, you can click to refresh several times
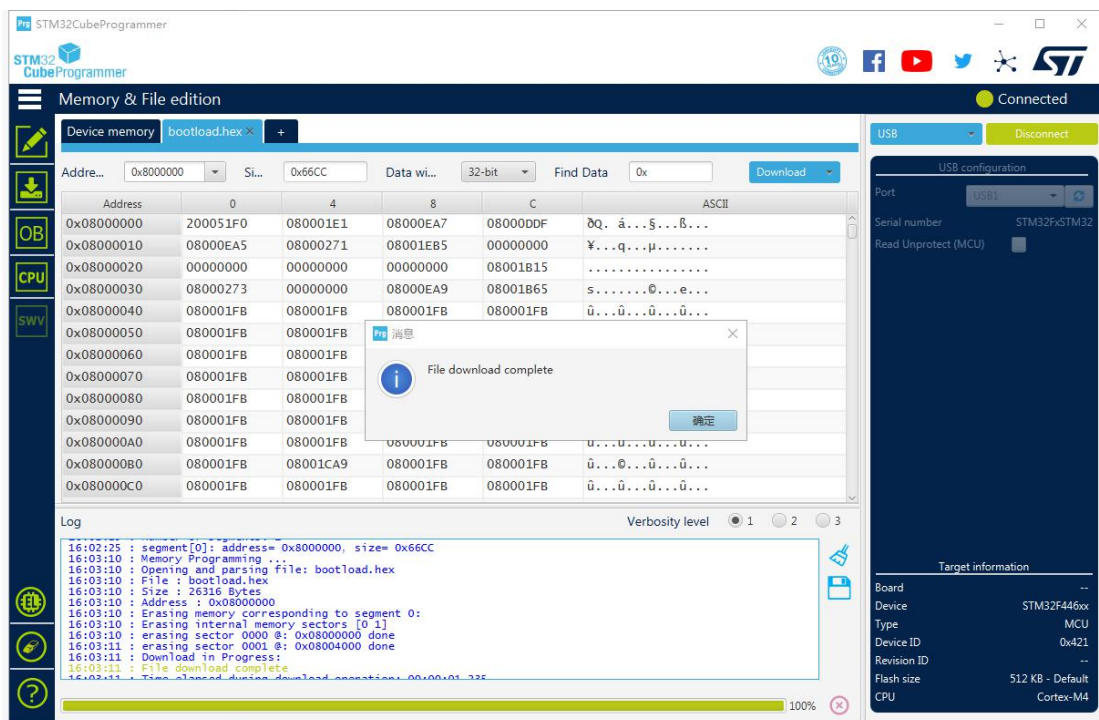

（2）Click connect, the following interface will be displayed

（3）Click Open File, select bootload.hex in the boot program folder, as shown below

（4）Click Download

（5）If the above interface is displayed, the download is successful, click OK, click disconnect, remove the jumper cap on the boot, and then click reset, the program can run normally.