

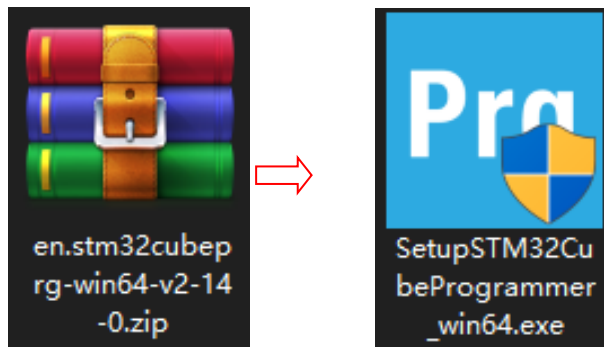
Geeetech Kirin V1.0 Bootload burning Guide

Geeetech Kirin V1.0 will burn Bootload ahead of time when it comes out of the factory. If the user finds that the firmware cannot be upgraded through the TF card or the kirin V1.0 motherboard cannot work normally during use, the Bootload program may be lost or damaged.

If users need to burn Bootload, they need to prepare a Type-C data cable, a computer, and the stm32cubeprogrammer software tool in advance (you can visit Geeetech's Github homepage and download related software tools from the Geeetech-Kirin project).

<https://github.com/Geeetech3D>), which of the following is the basic steps.

- 1) This section uses windows 64Bit as an example to describe how to install the Stm32cubeprogrammer.



- 2) Double-click SetupSTM32CubeProgrammer_win64.exe, as shown in Figure 1, start to install the software, click Next:

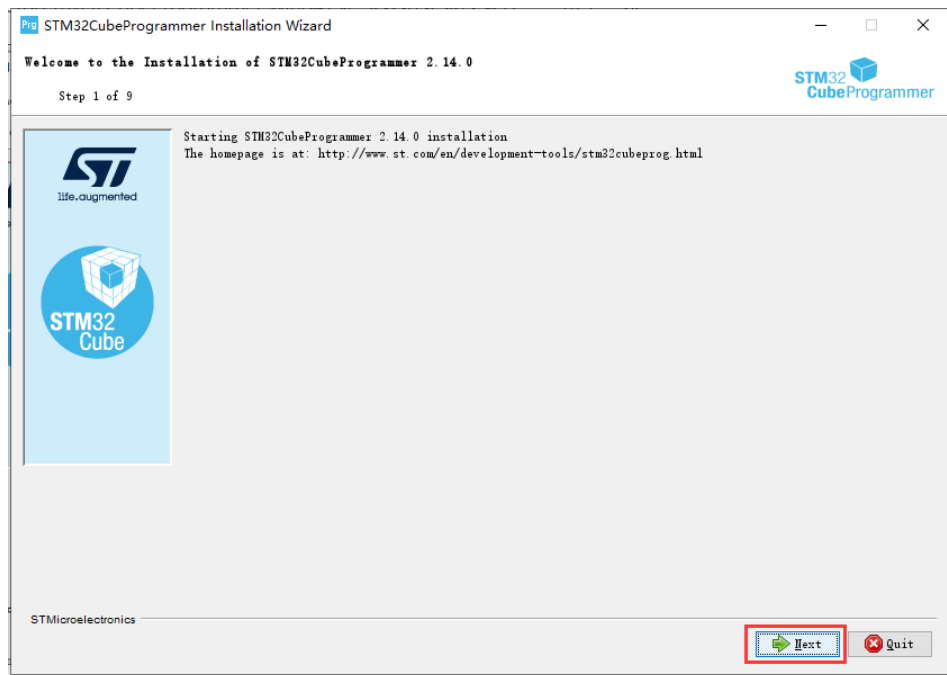
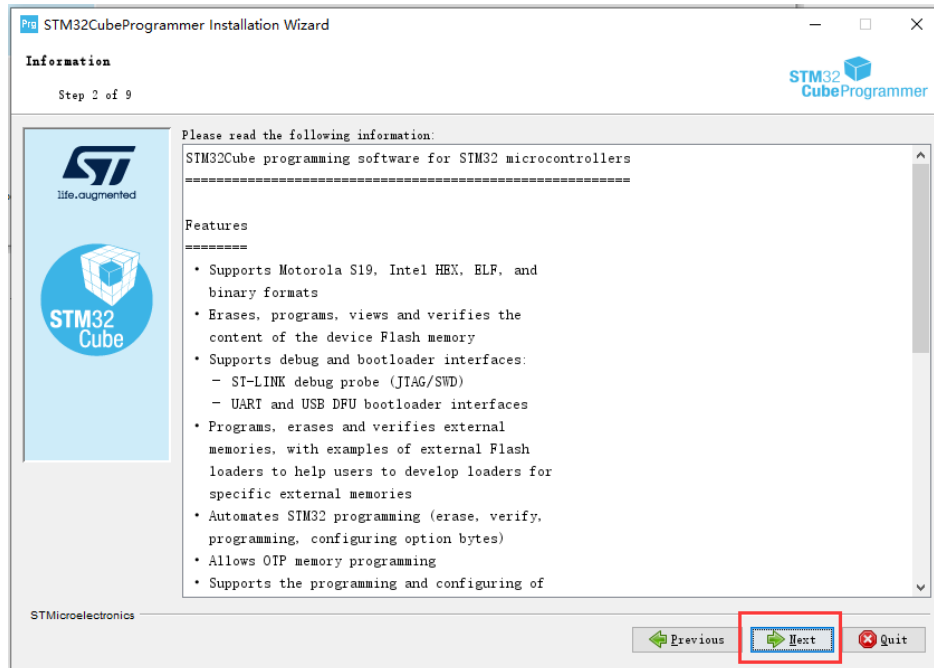


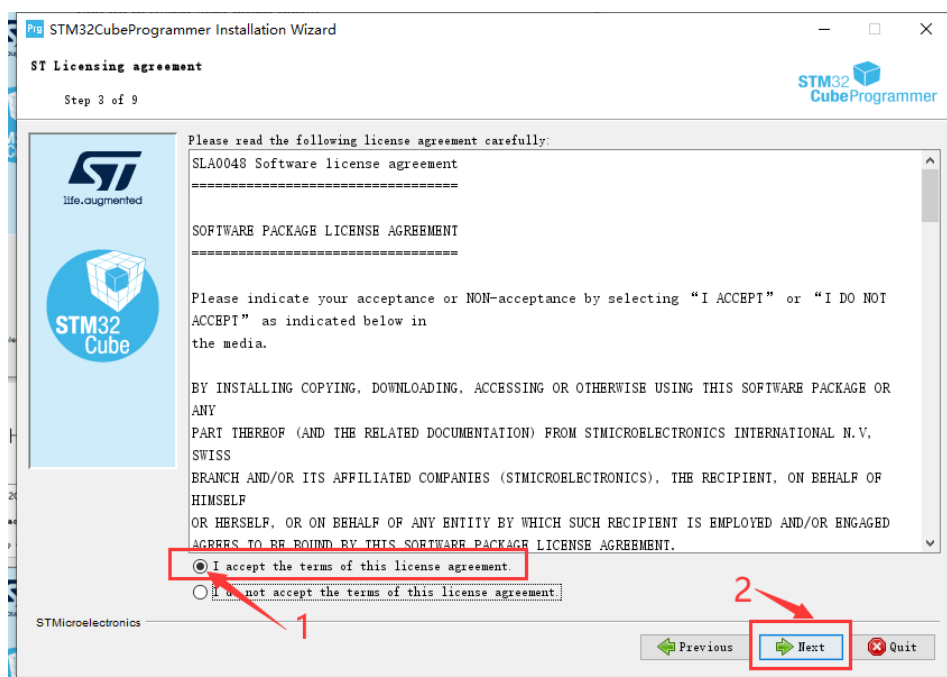
Figure 1

- 3) Go ahead and click Next as shown in Figure 2:



Picture 2

- 4) Tick I accept... , as shown in figure 3, then click Next:



Picture 3

- 5) Tick the box I Have... , as shown in Figure 4, then click Next:

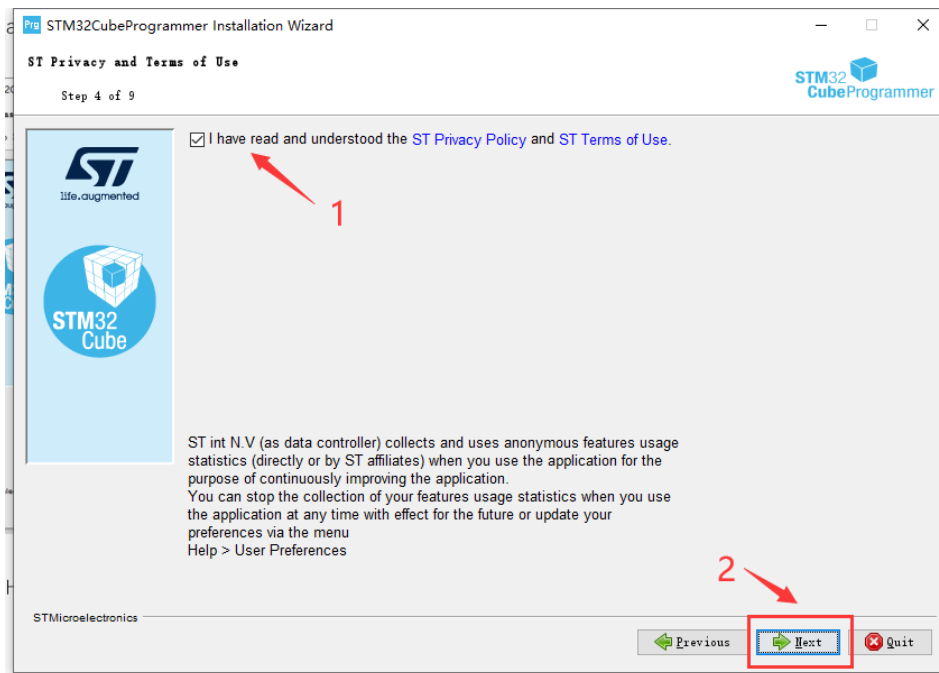


Figure 4

- 6) Select the appropriate installation path, as shown in Figure 5, and click Next:

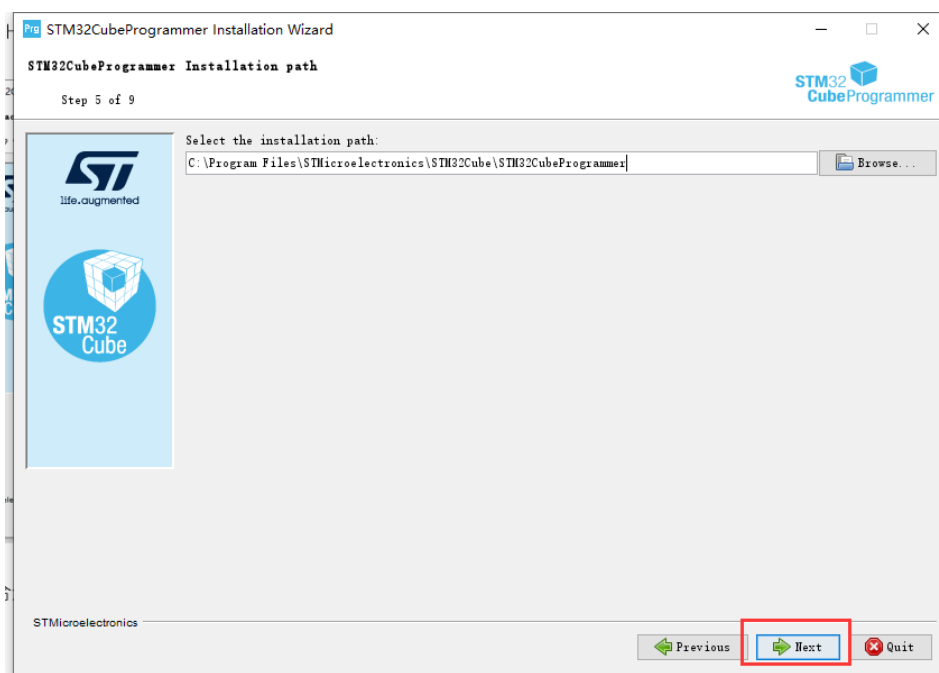


Figure 5

- 7) Check them all, as shown in Figure 6, then click Next:

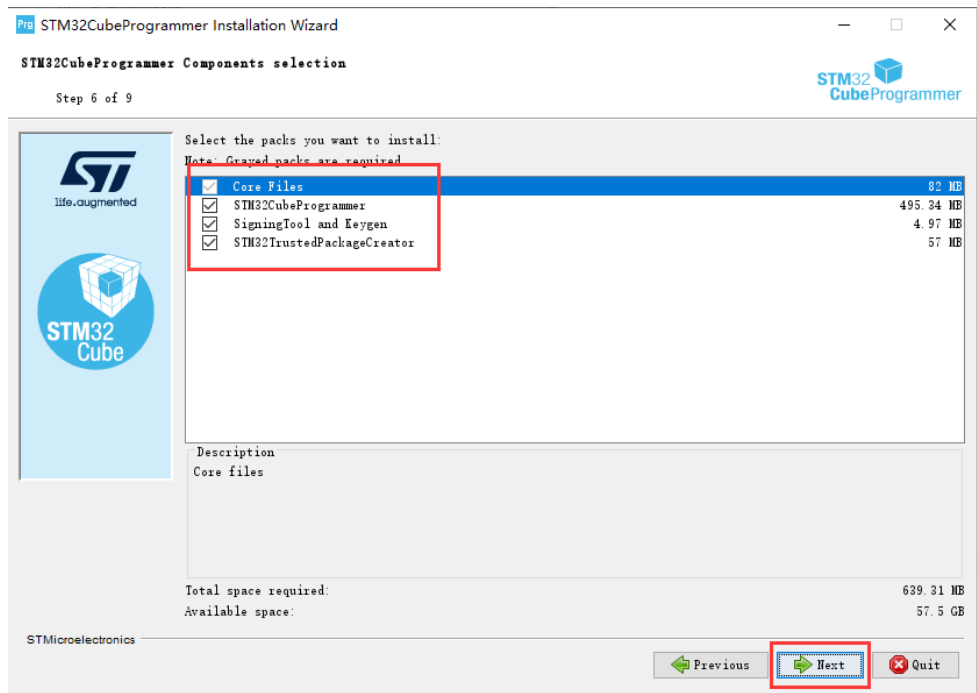


Figure 6

- 8) At this point, the SetupSTM32CubeProgrammer starts to be automatically installed, and a confirmation dialog box pops up, as shown in Figure 7. Click Next:

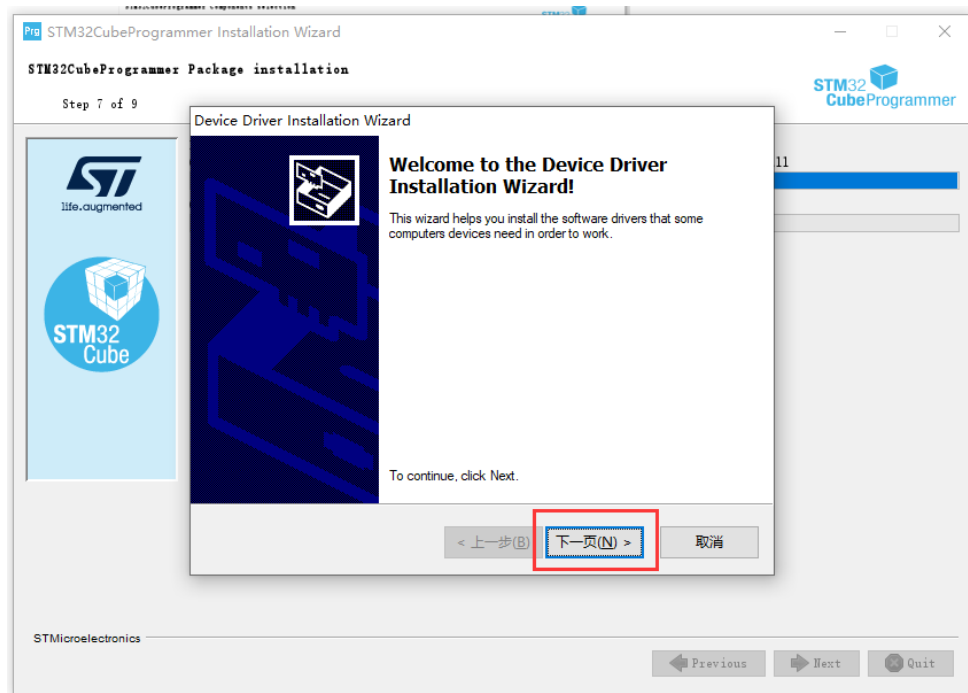


Figure 7

- 9) Click "Done" as shown in Figure 8

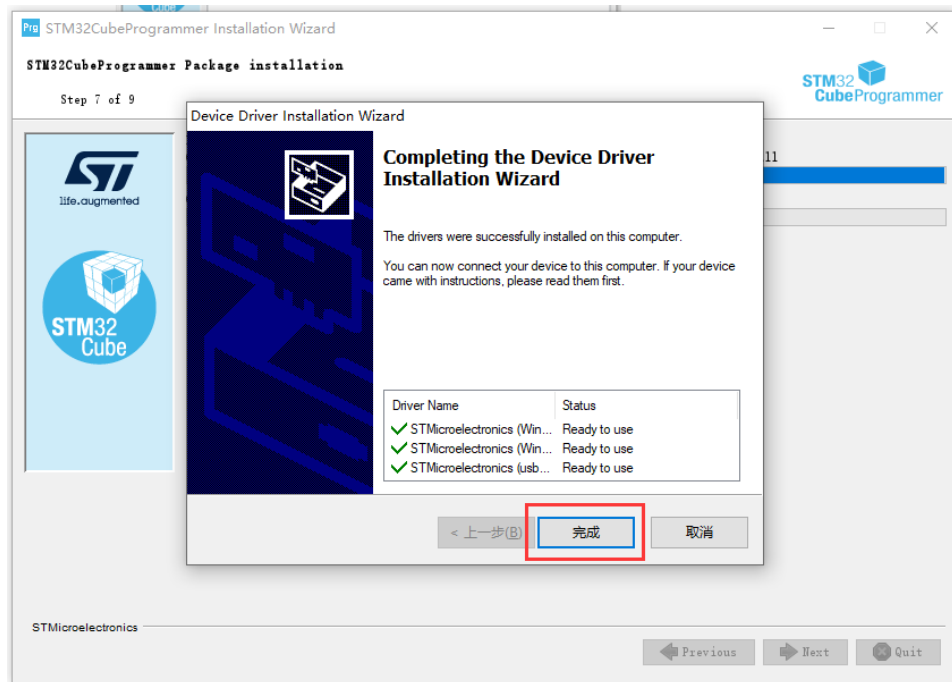


Figure 8

- 10) Go ahead and click Next as shown in Figure 9:

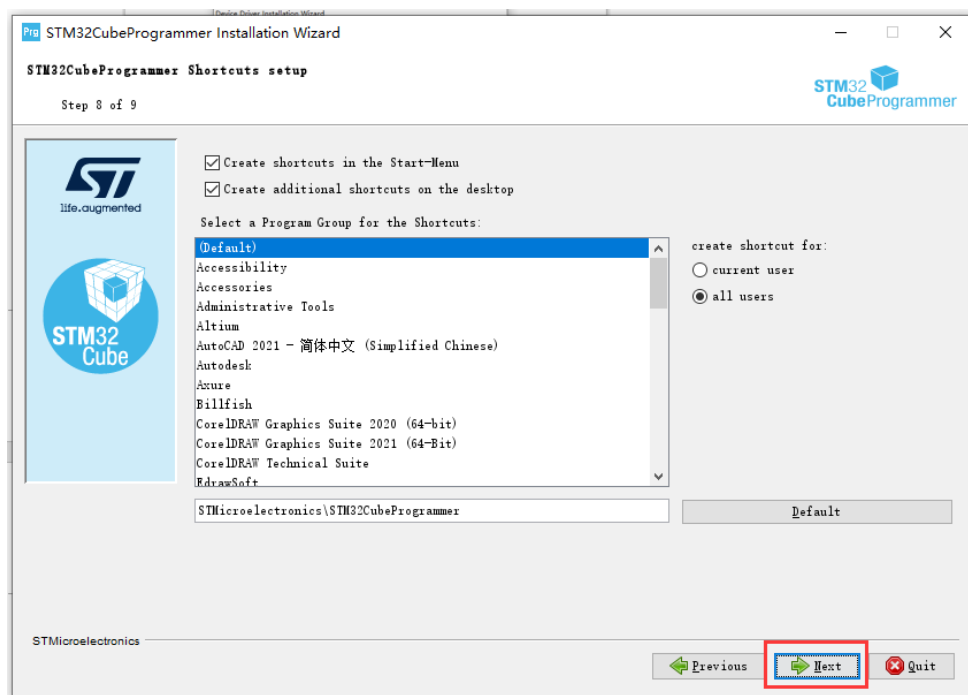
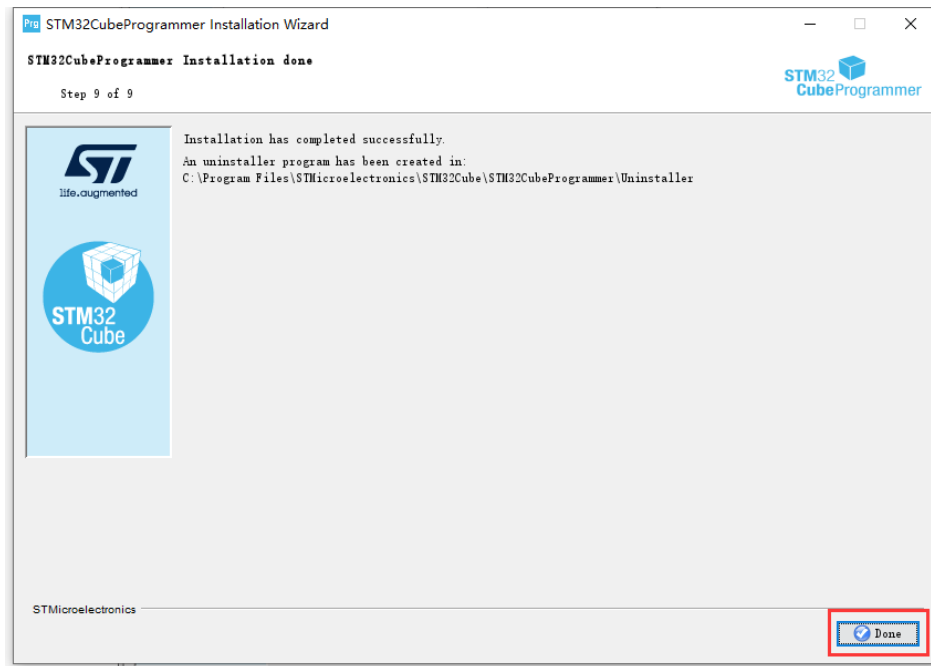


Figure 9

- 11) Click "Done" to complete the installation, as shown in Figure 10:



Picture 10

- 12) Find STM32TrustedPackageCreator in desktop shortcut icon, double-click to open the software, as shown in figure 11:

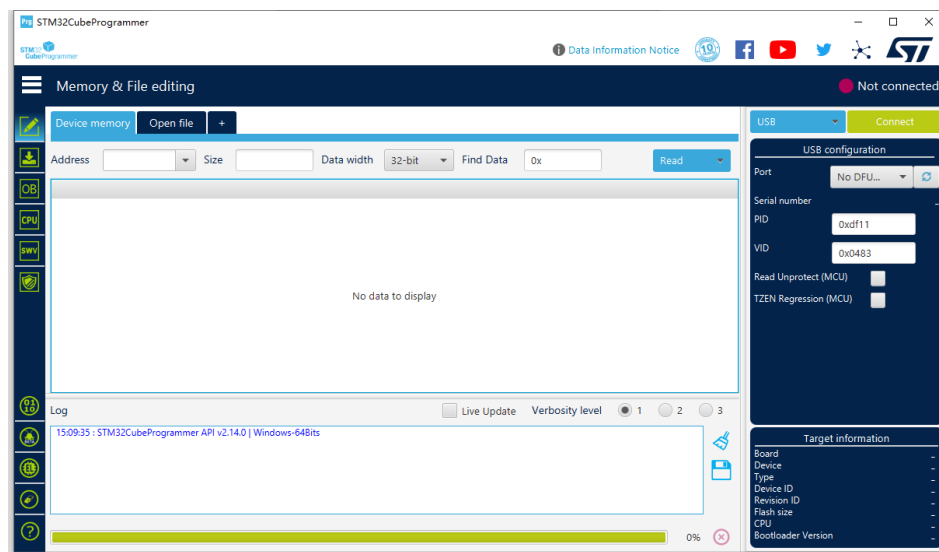


Figure 11

- 13) Install the USB_PWR jumper of the Kirin motherboard, at this time Kirin V1.0 is powered by USB 5V, no other power is required, as shown in Figure 12:

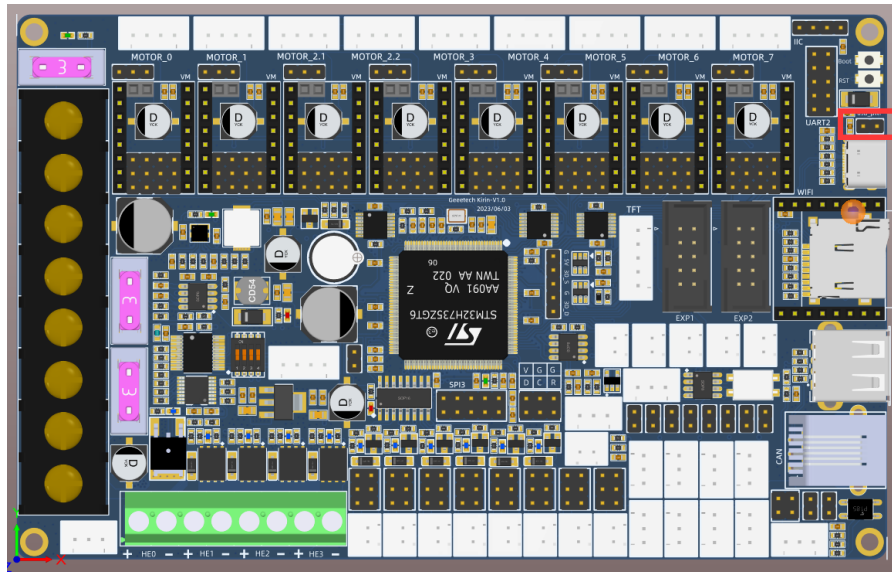


Figure 12

- 14) Plug the Type-C port of the USB data cable into the Kirin V1.0, and plug the other end of the data cable into the computer. The Kirin V1.0 power light will light up.
- 15) Open STM32CubeProgrammer, select USB on the right side, then click Refresh icon, as shown in Figure 13:

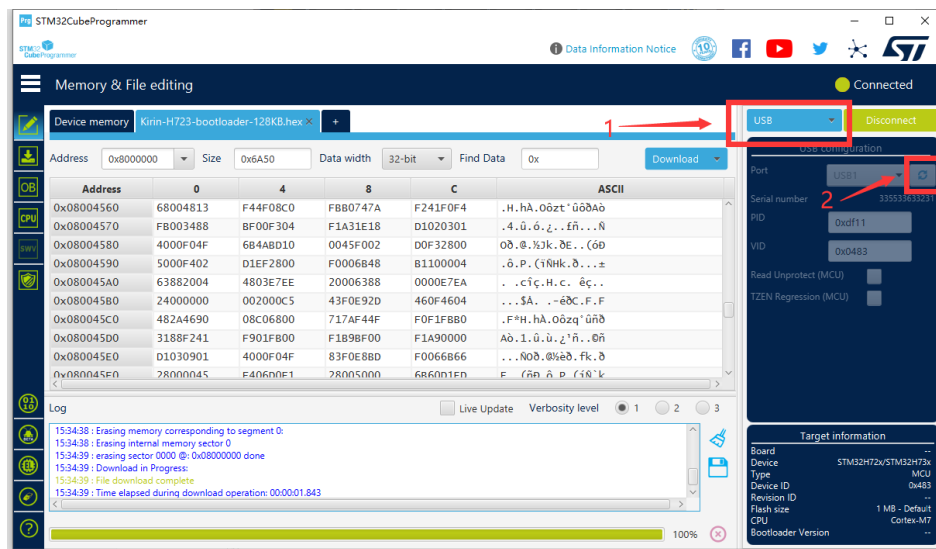


Figure 13

- 16) Select the Bootload file, as shown in Figure 14:

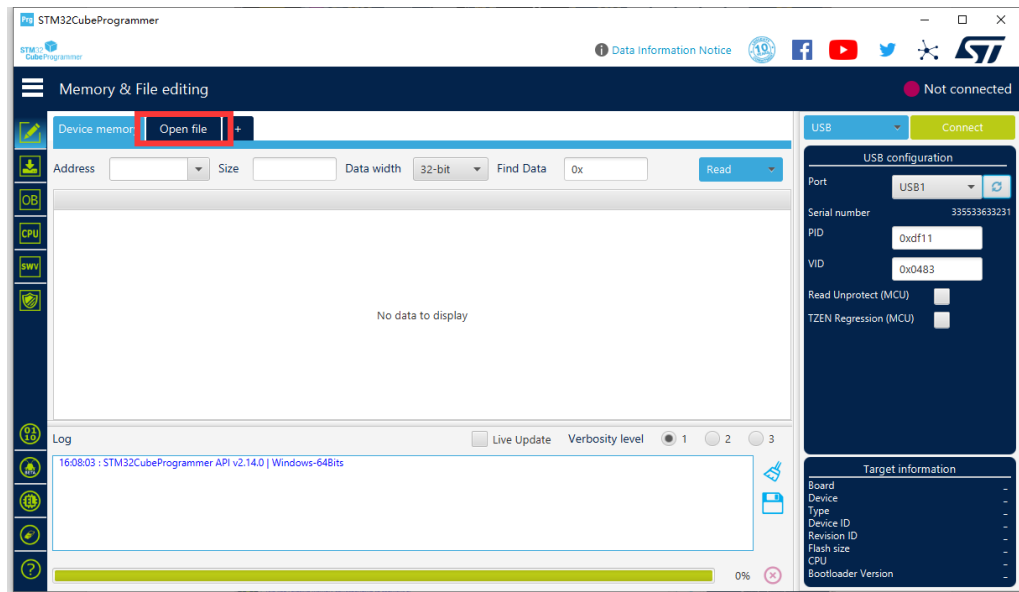


FIG. 14

- 17) Select File Finish and click Download, as shown in Figure 15:

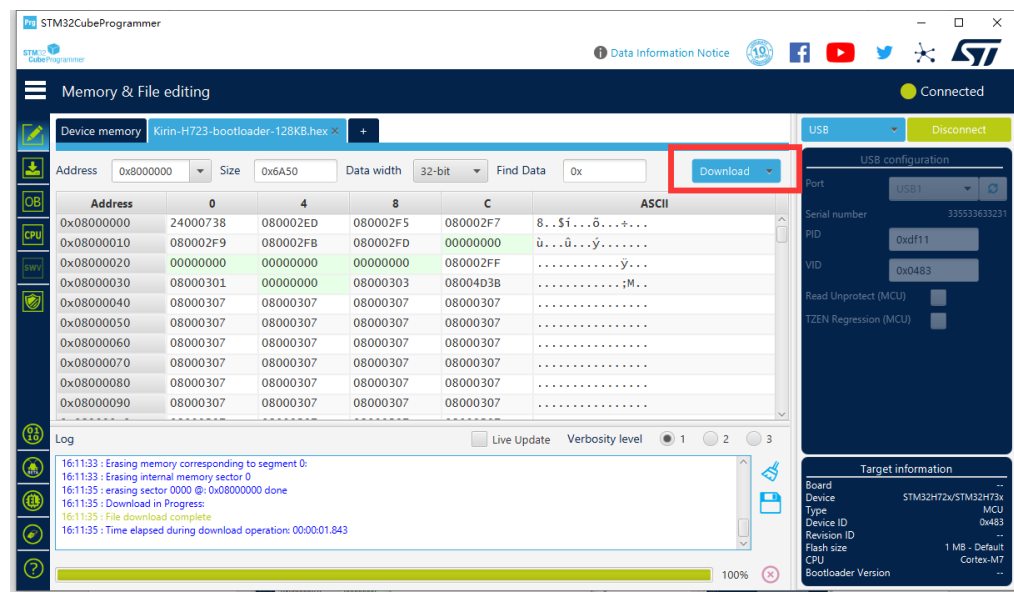


Figure 15

- 18) When the download progress bar is 100%, the software will prompt "File download complete", at this time the Bootload download is complete, as shown in Figure 16:

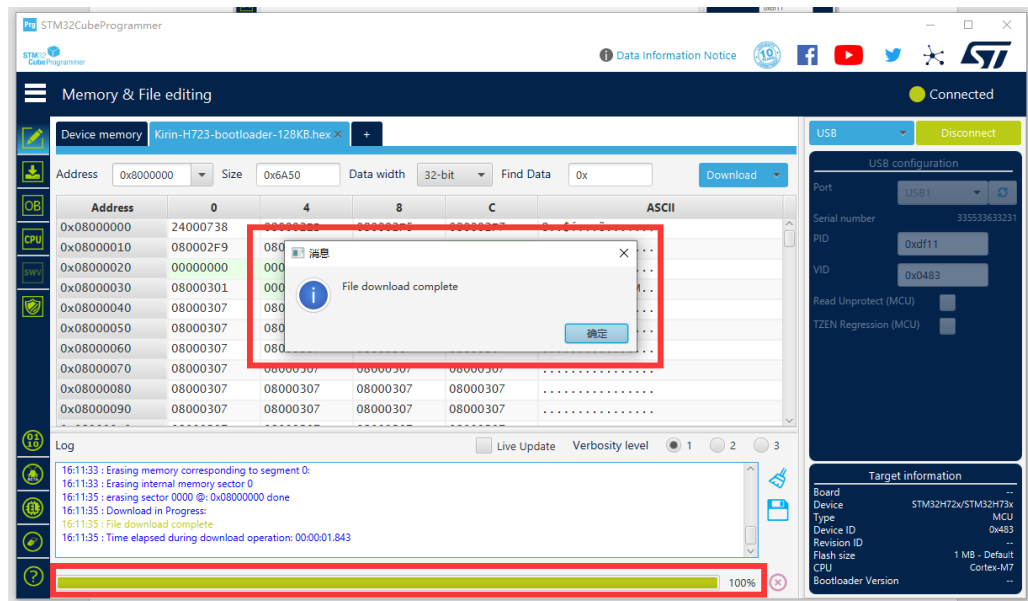


Figure 16

- 19) Remove the USB_PWR jumper when the Bootload download is complete.