Guide for Unlocking STM32 Chip on Ebyte -SC Series Test Board



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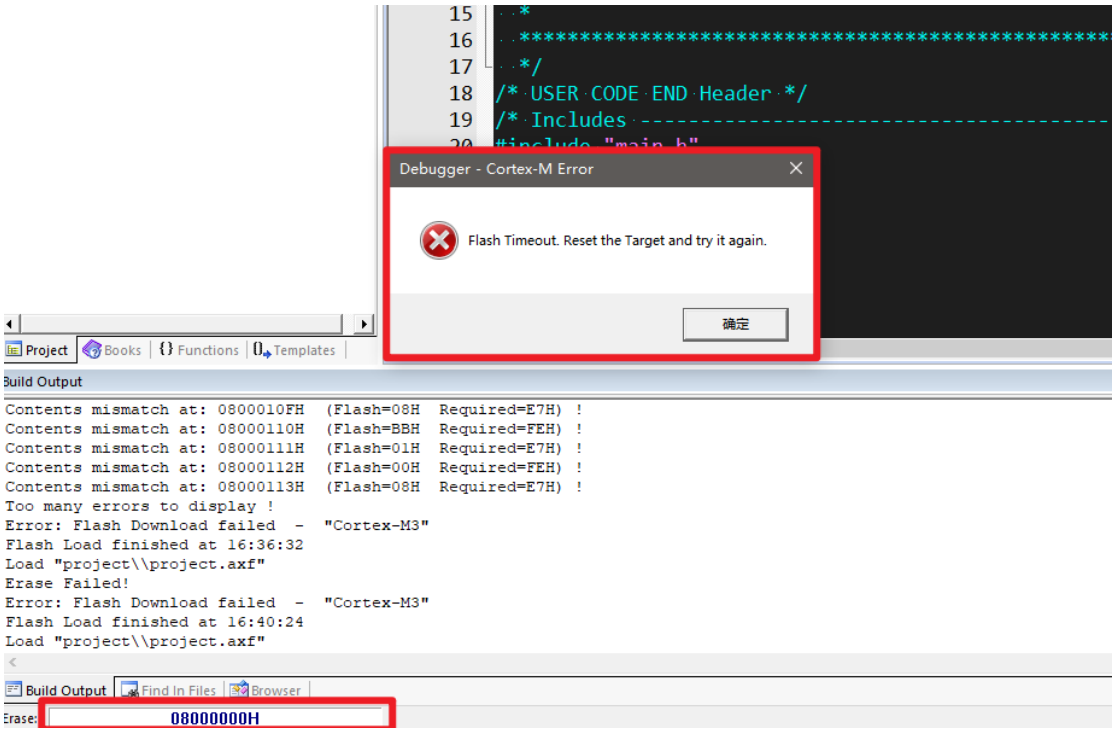
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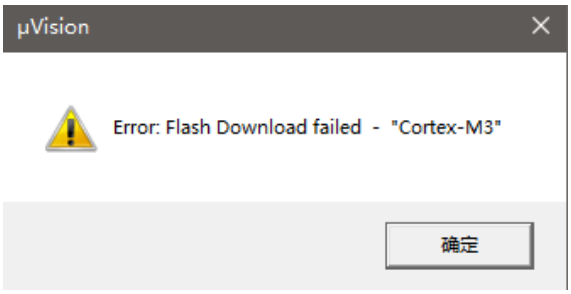
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1. Chip locked status

1.1 Error display

Use ST-Link to connect the chip and burn the program. If the two situations shown in Figure 1 appear first, followed by the situation shown in Figure 2, it means that the chip is locked. Please follow the steps below to unlock it.





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2. Software Download

2.1 Installing the Software

The software download link:

https://www.st.com/en/development-tools/stsw-link004.html.

Follow the default steps to install it.

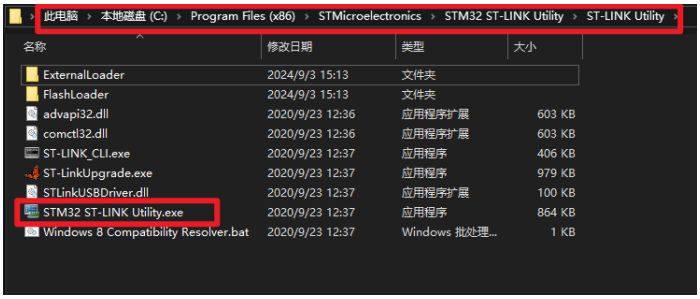
2.2 Open the program

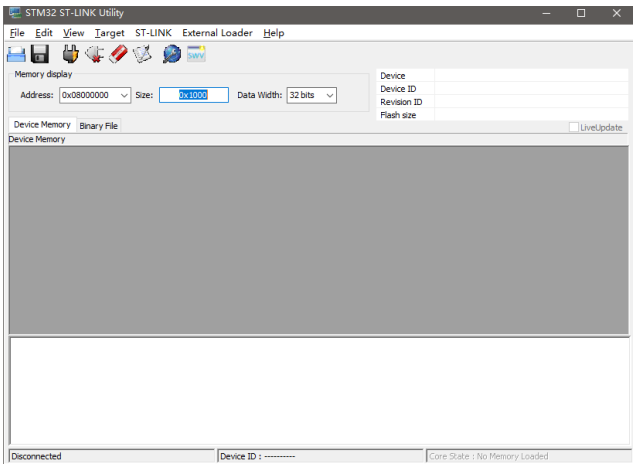
If the program is installed in the default path, the program location should be

C:\Program Files (x86)\STMicroelectronics\STM32 ST-LINK Utility\ST-LINK Utility

The steps to open the program are:

1. Open the computer file, enter the address C:\Program Files (x86)\STMicroelectronics\STM32 ST-LINK Utility\ST-LINK Utility in the search box , and press Enter to enter this folder, as shown in Figure 3. Double-click the " STM32 ST-LINK Utility.exe " program to enter the program page, as shown in Figure 4.





3. Unlocking steps

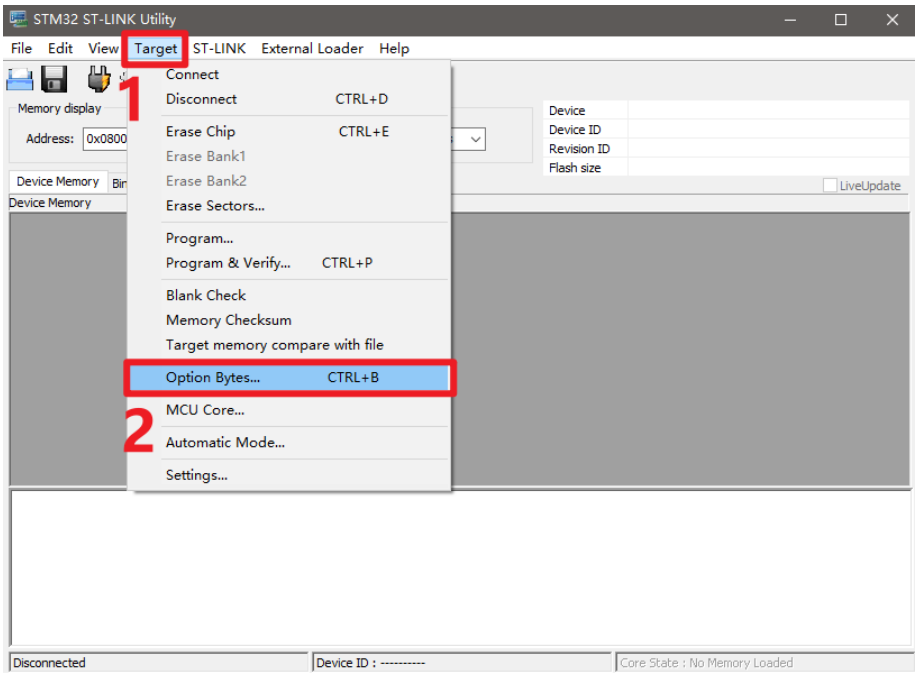
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3.1 Detailed steps

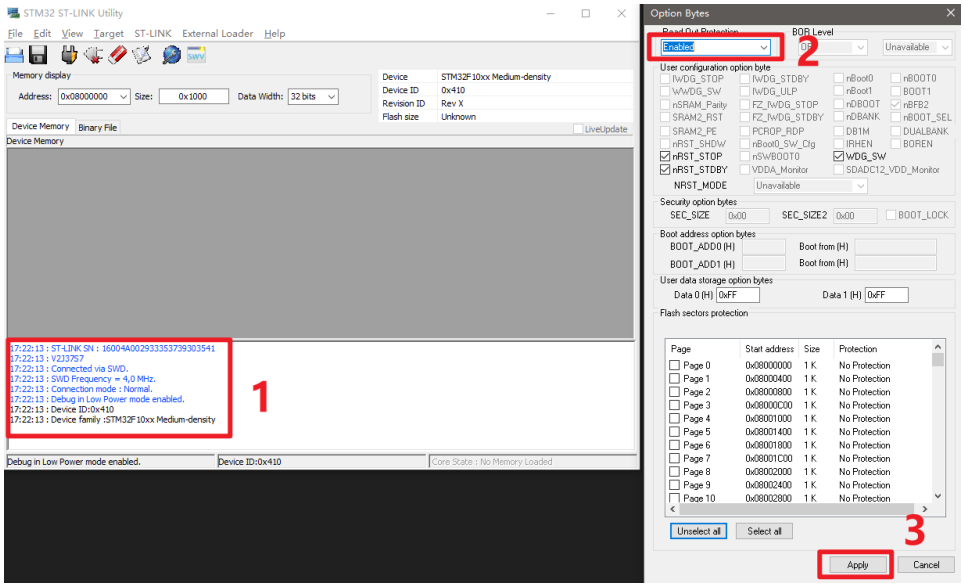
In the software, follow the steps shown in Figure 5, first click Step 1, then click Step 2.

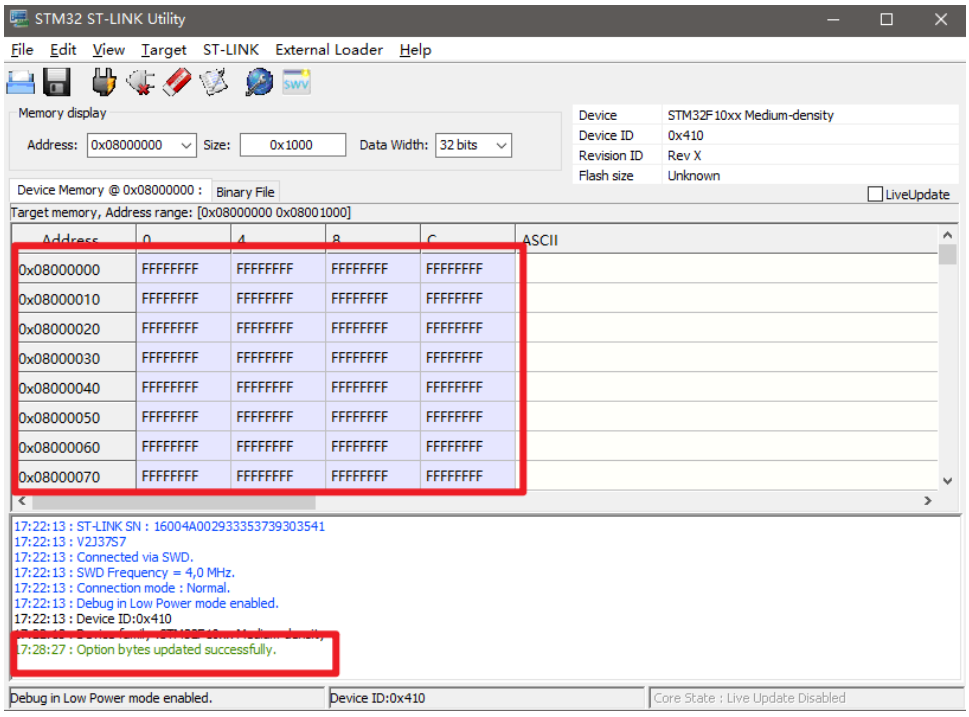
After entering, the page shown in Figure 6 appears. Step 1 displays the information of the MCU. Make sure it can be displayed normally. Step 2 changes "Enabled" to " Disabled ", then follow step 3 and click "Apply".

Finally, it will appear as shown in Figure 7, indicating that the unlocking is successful, and then the burning can be carried out normally.



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