SMT-C1 Firmware Update

Notice: Before updating, if you need to store the tightening program of the controller in a mini-SD card, please refer to "**Save and Export Program Setting**".

Require tool and software:

1. Please install "NuMicro ICP Programming Tool 3.01.6951".
2. Prepare update tools: **Nu-Link Programmer and Programmer cable** (as shown below)
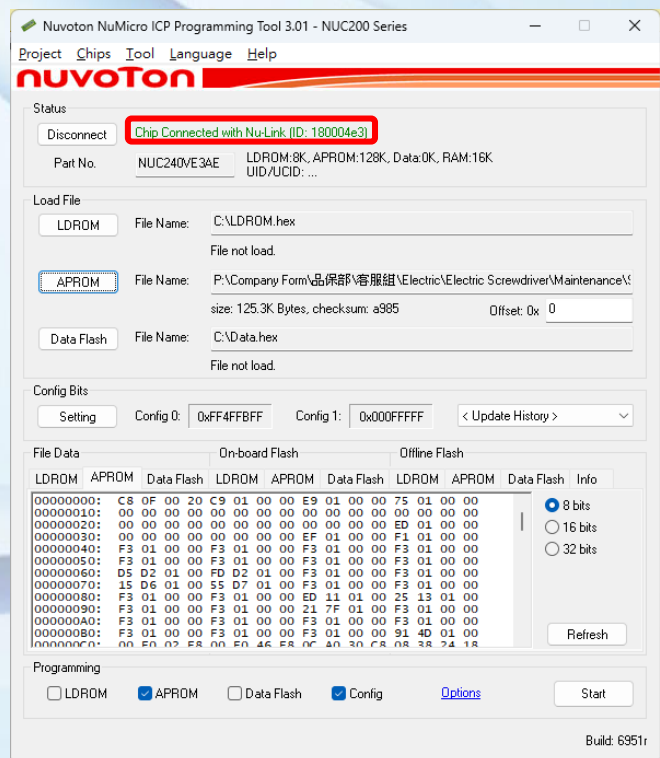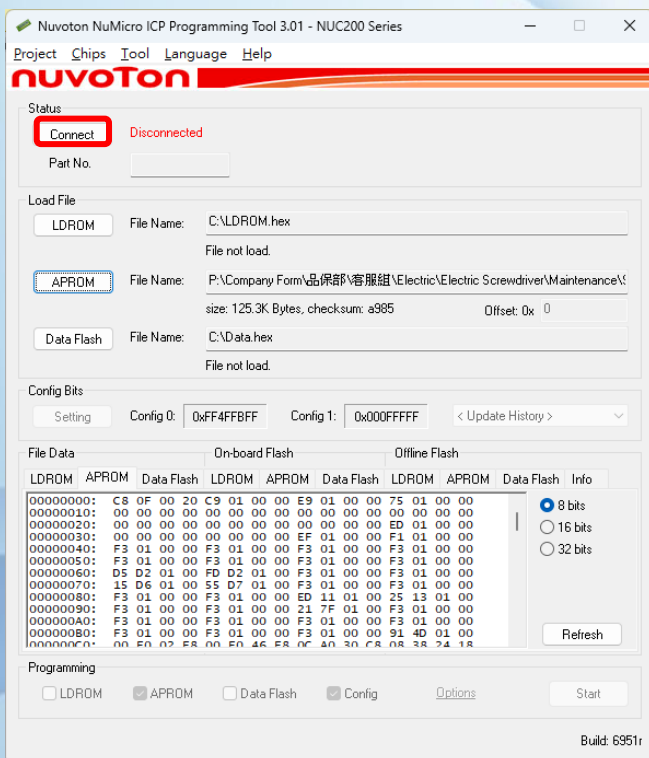
Step 1:

Connect the SMT-C1 to the computer, open the ICP software, and select the language and Target Chip (NUC200 Series).
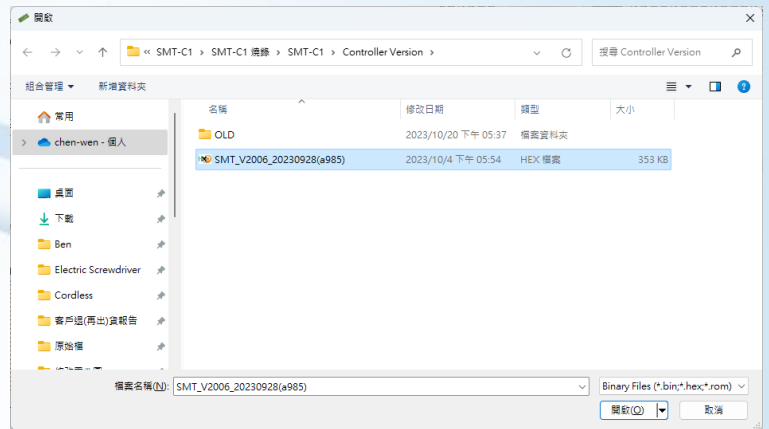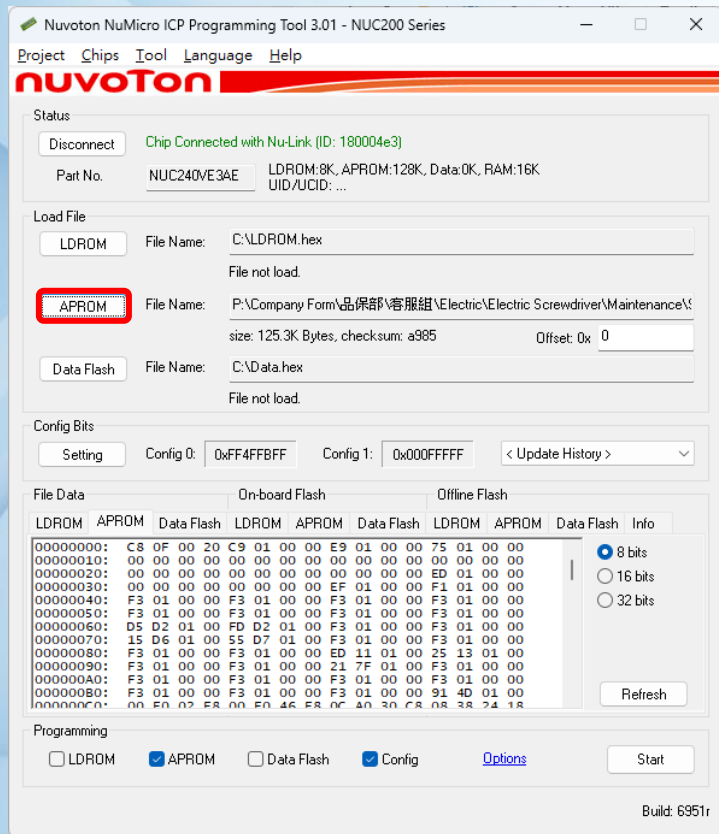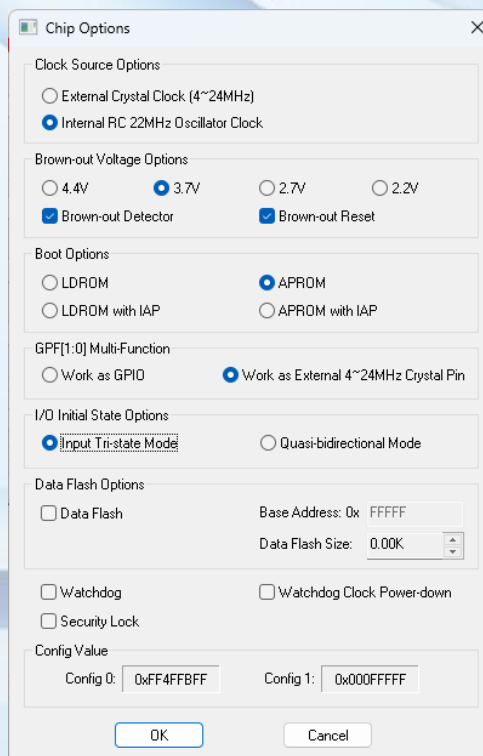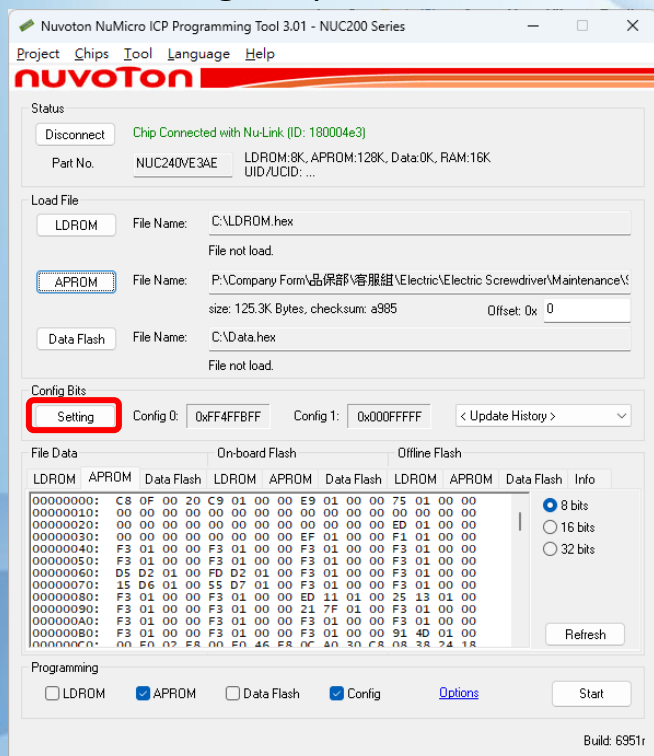

Step 2:

Click "Connect".

Step 3:

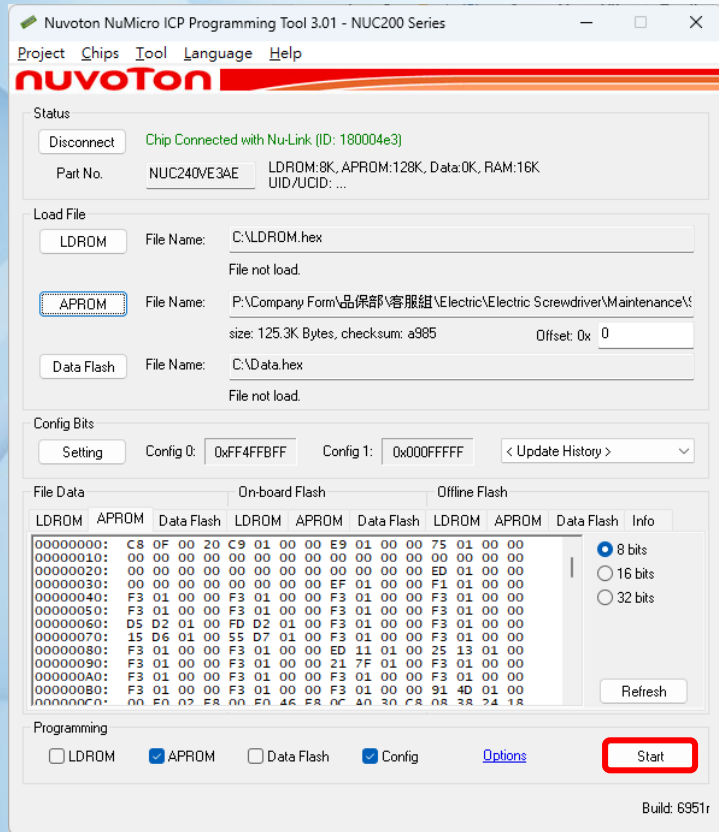Click "APROM" and load the file of SMT-C1.
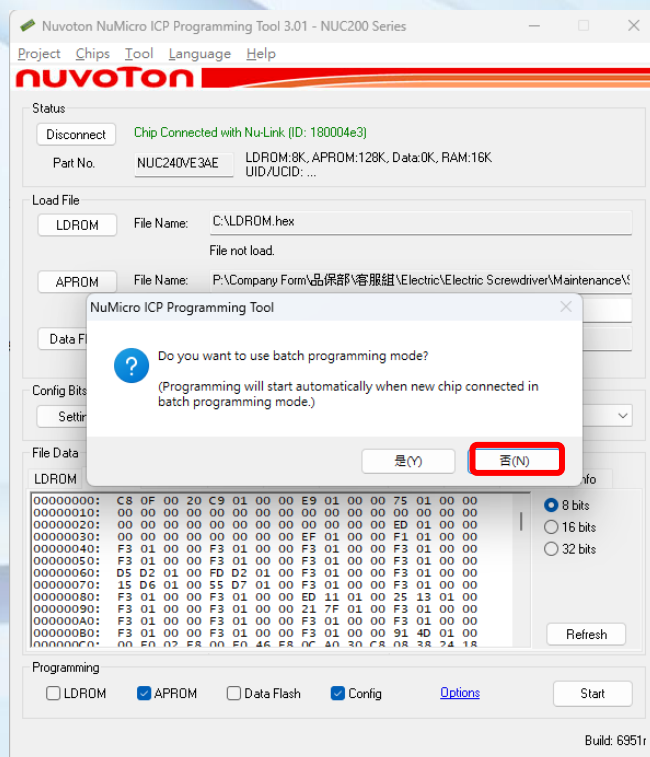

Step 4:
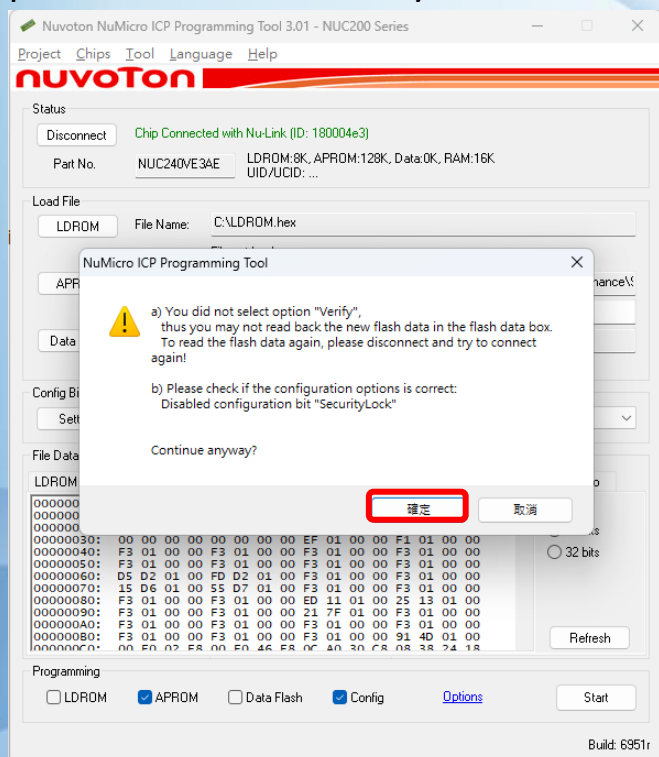
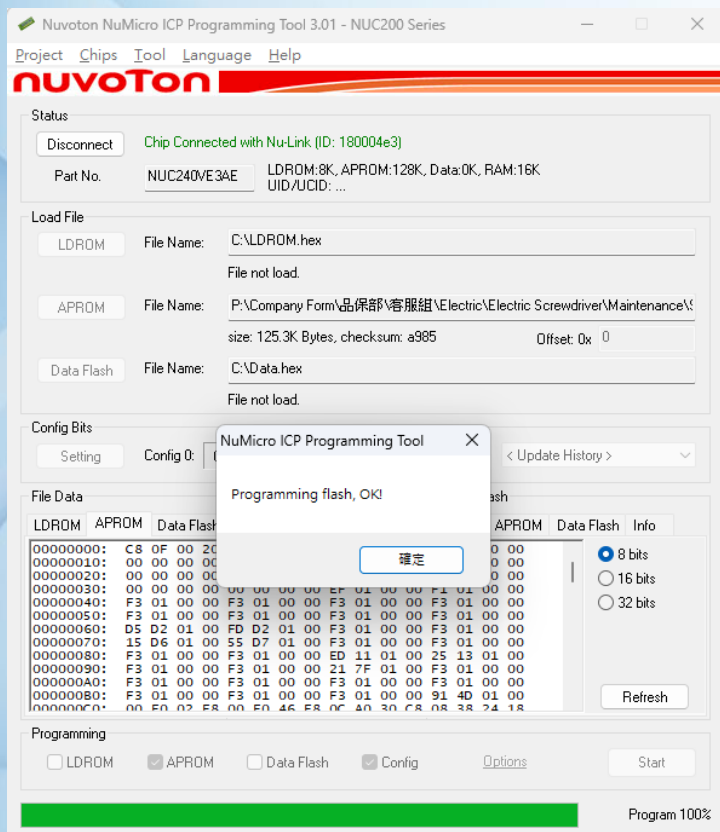Click "Setting" to proceed to set.

Step 5:

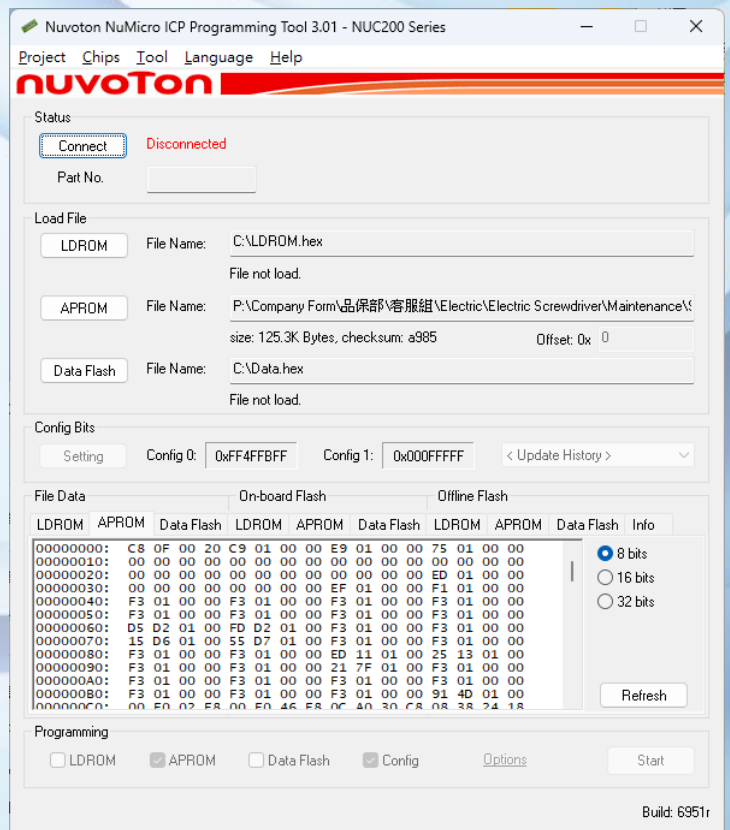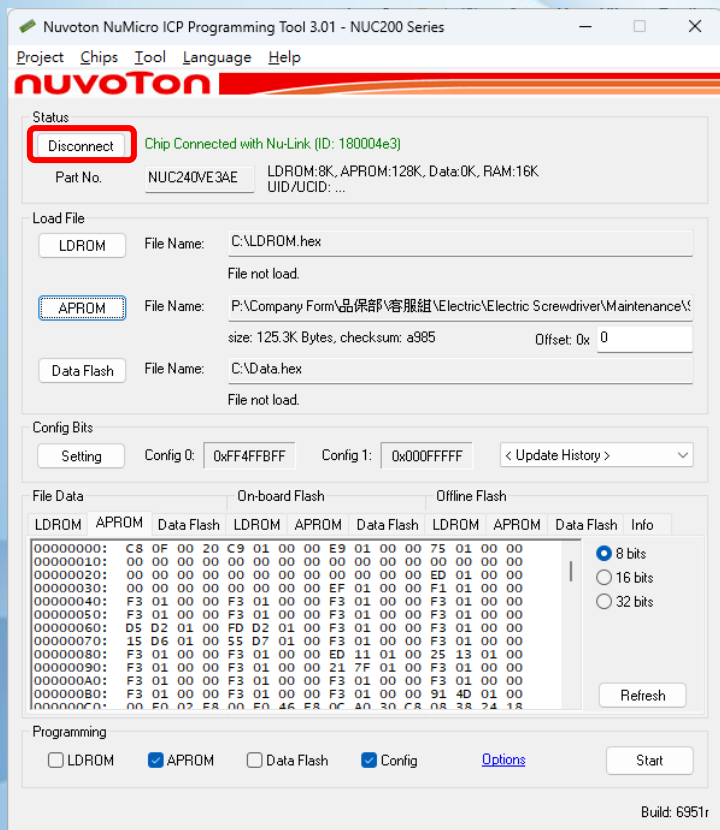After finishing setting, please click 'Start' to proceed.

It will display a window asking if you want to delete flash information during the process. Please select "yes"

Step 6:

After updating the firmware, please click "Disconnect".

Step 7:

turn on the SMT-C1 to check its latest version.

SMT-C1 Firmware Update Completed.

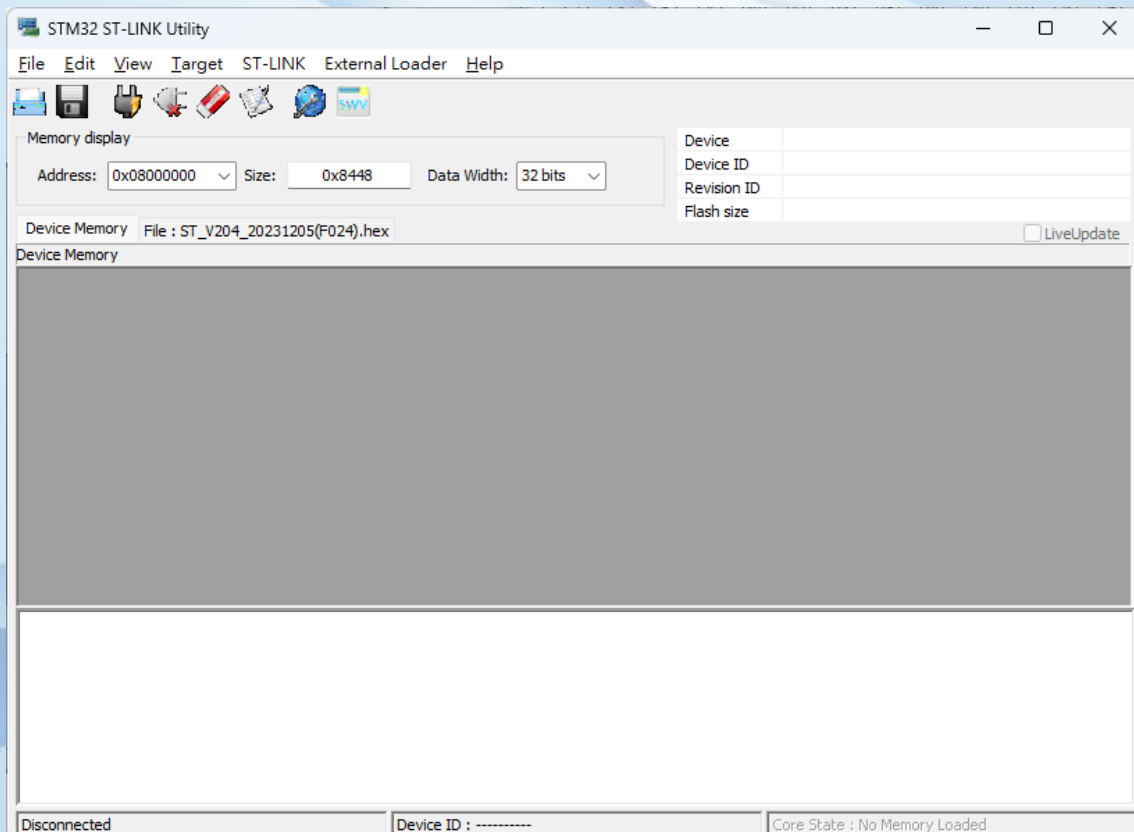# SMT-C1 ST Firmware Update

Require tool and software:

1. Please install **STM32 ST-LINK Utility v3.9.0**
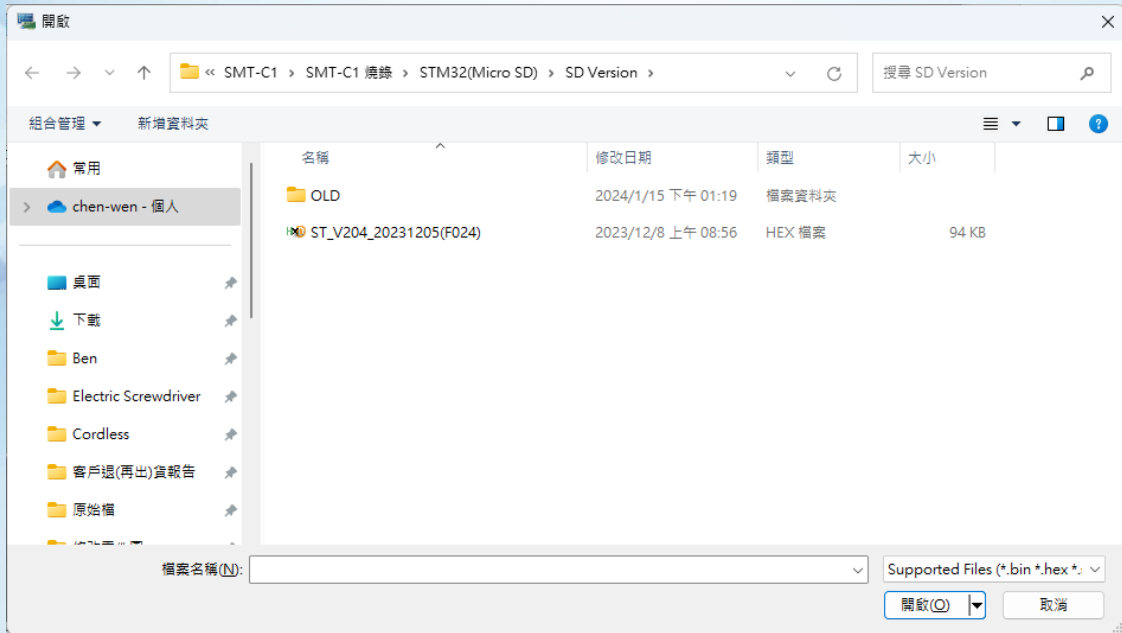2. Prepare update tools: **Programmer and Programmer cable** (as shown below)

Step 1:

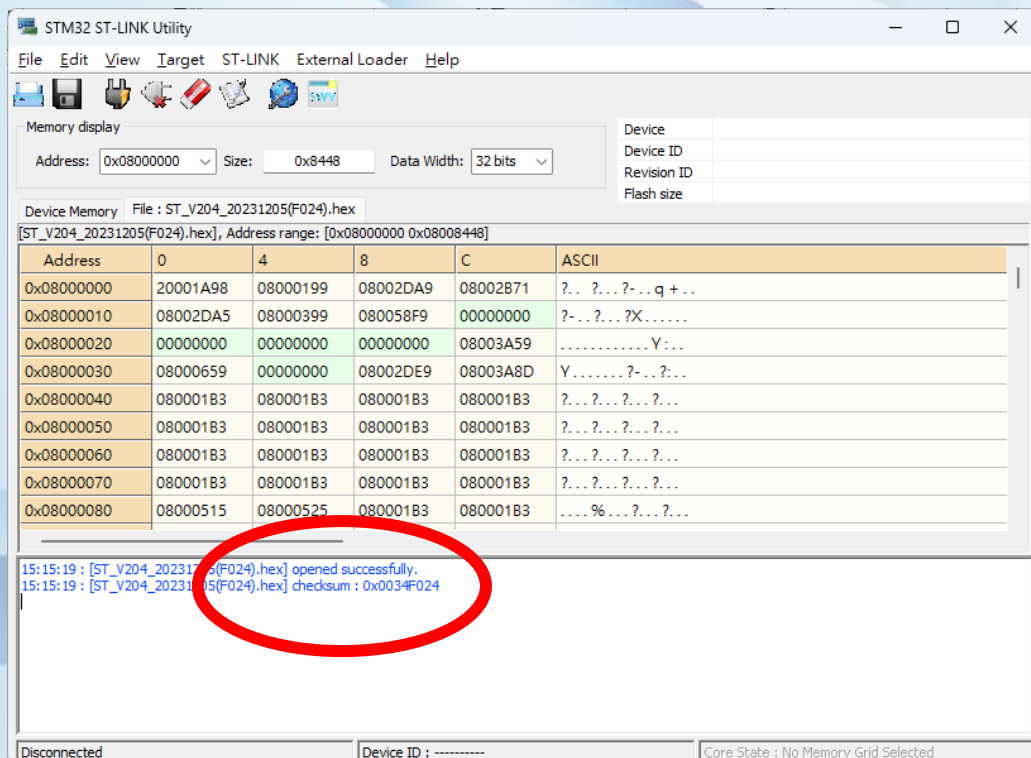Connect the SMT-C1 to the computer, open the STM32 software.

Step 2:

Click [File] and select "Open file..." Load burning program "ST_Vxxx_xxxxxxxx.hex"
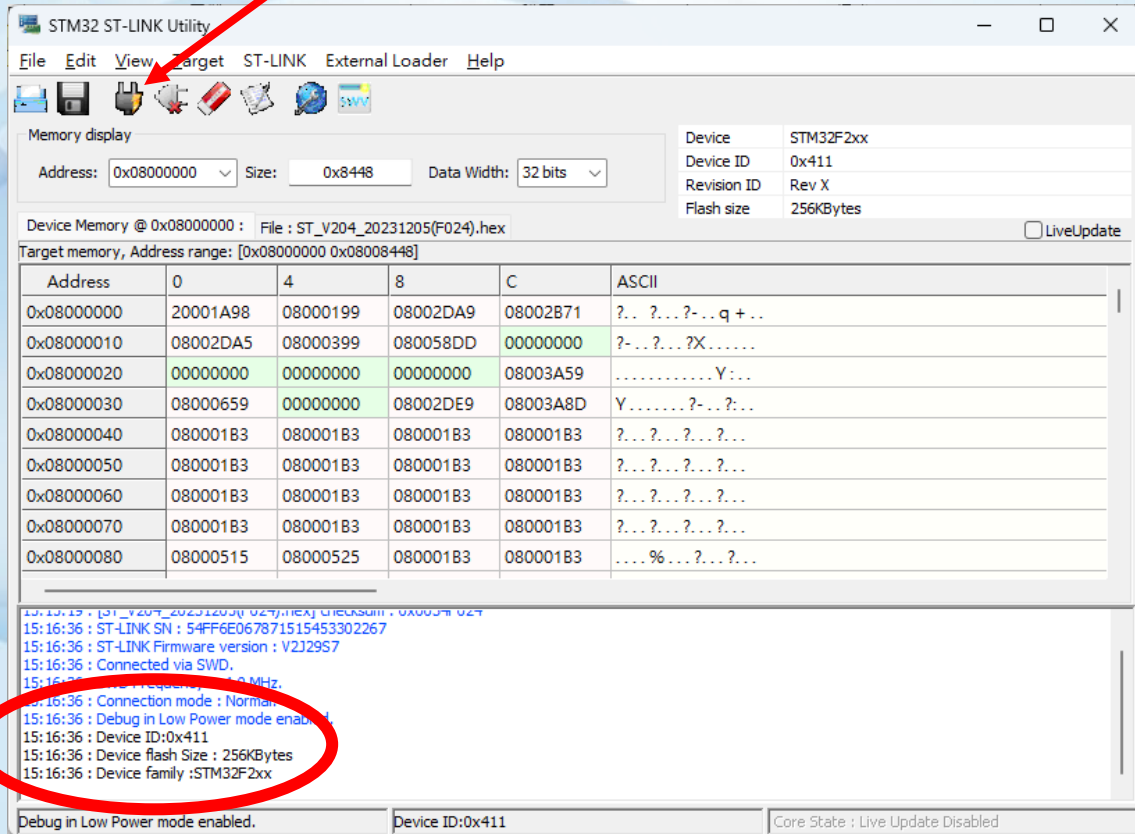

Please check the following text, "opened successfully", indicating that the loading is successful.
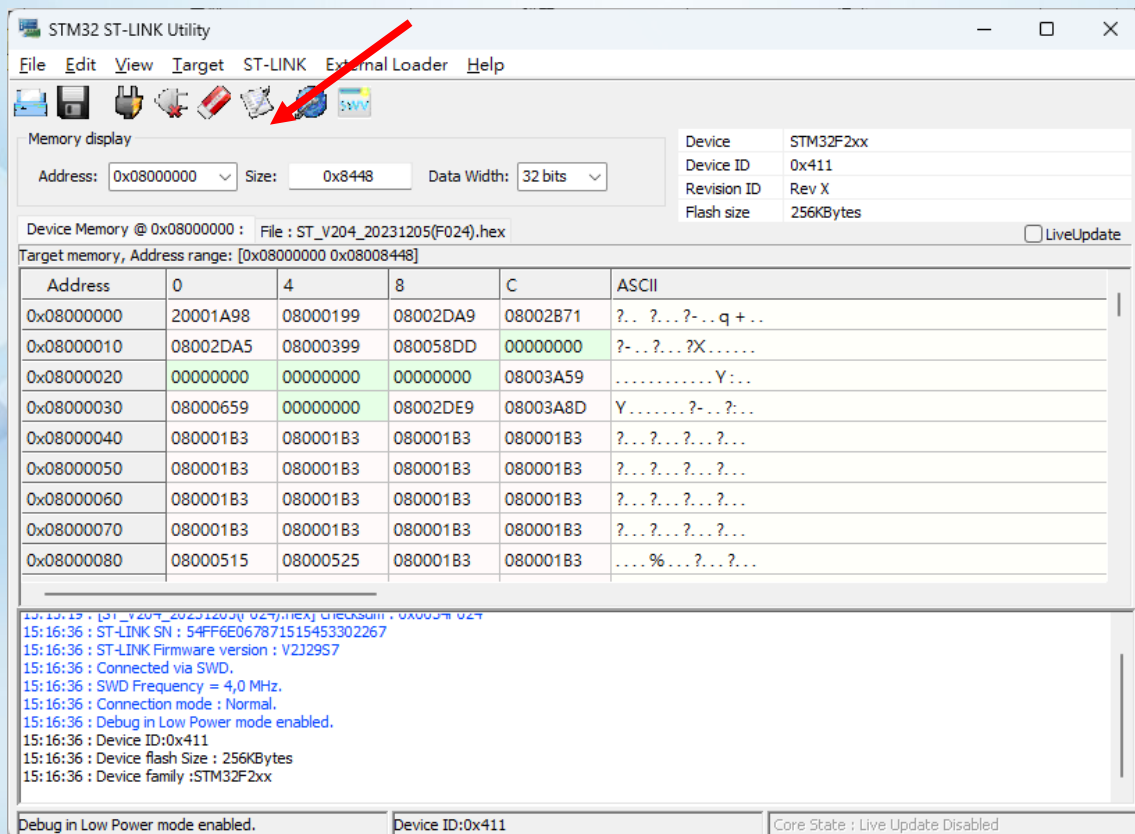
Step 3:

Click on the connection and check if the IC model is identified as 'Device family STM32F2xx'. Please note that the display format of the burning software may vary depending on the computer, so the screen might need to be adjusted for visibility.
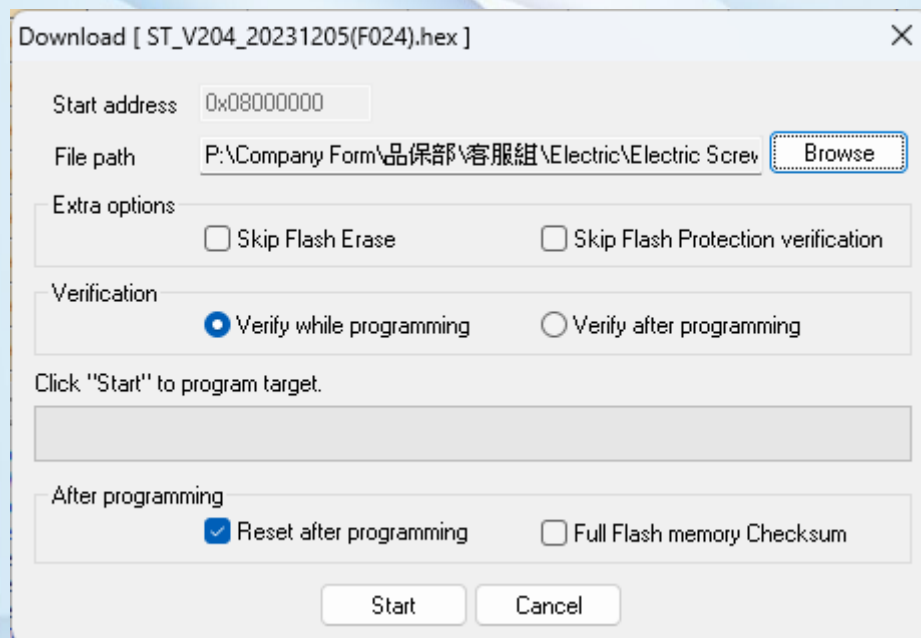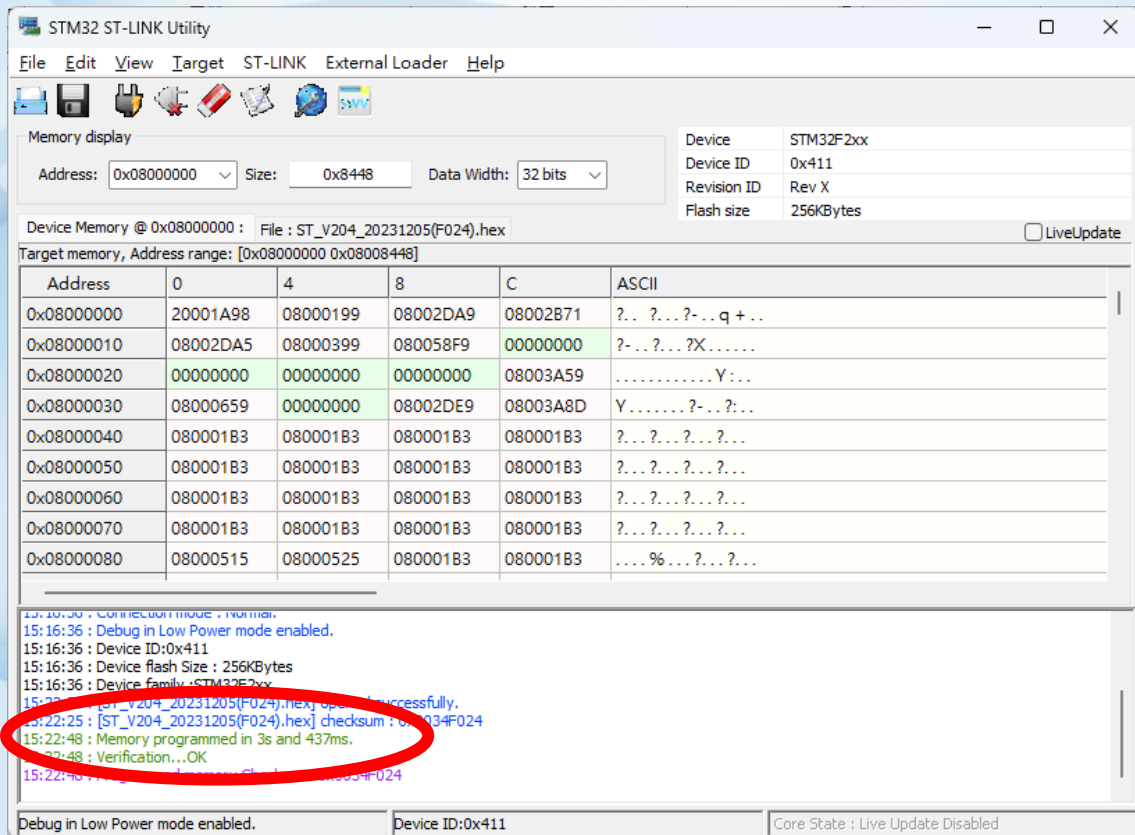

Step 4:

Click "Program verify" to execute the programming.

Click "Start" to update the program.

After completing the programing, please confirm whether the text is:

Programmed memory Checksum "Purple color text"

If yes, which is indicates programmed successfully, click "Disconnect from the target", and then close the program.