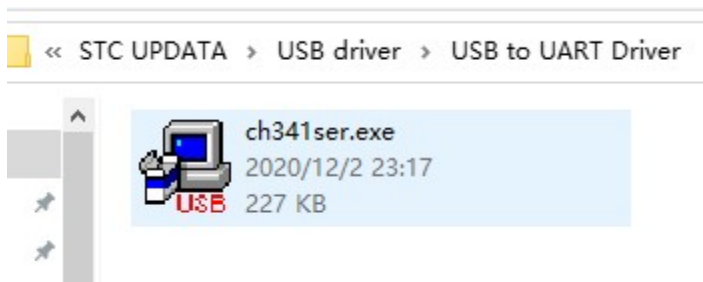First step:

Install driver

1. Connect the programmer to the computer, as shown in the figure (the color of the housing is not fixed):
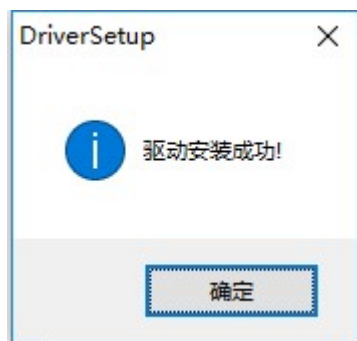

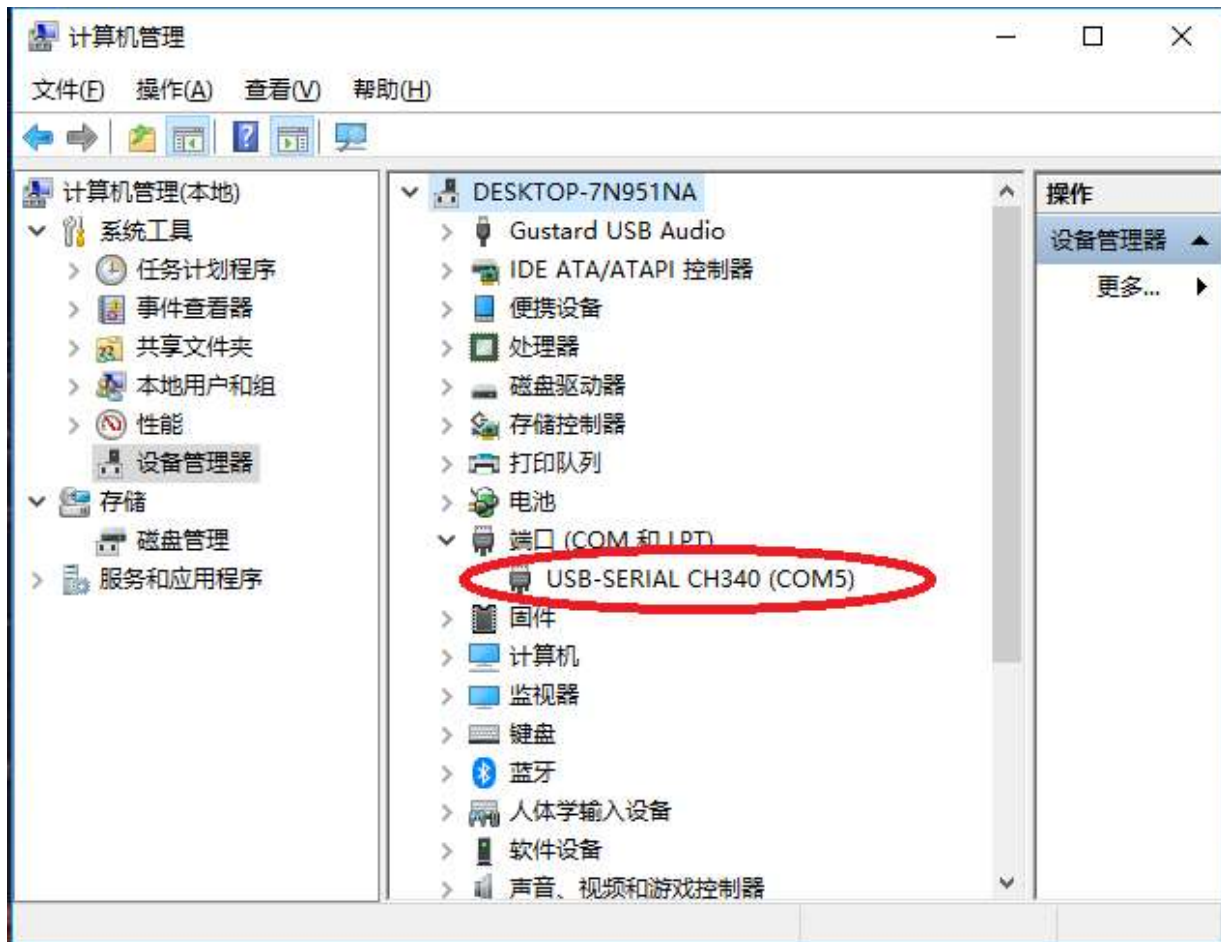2. Run ch341ser in the driver folder:

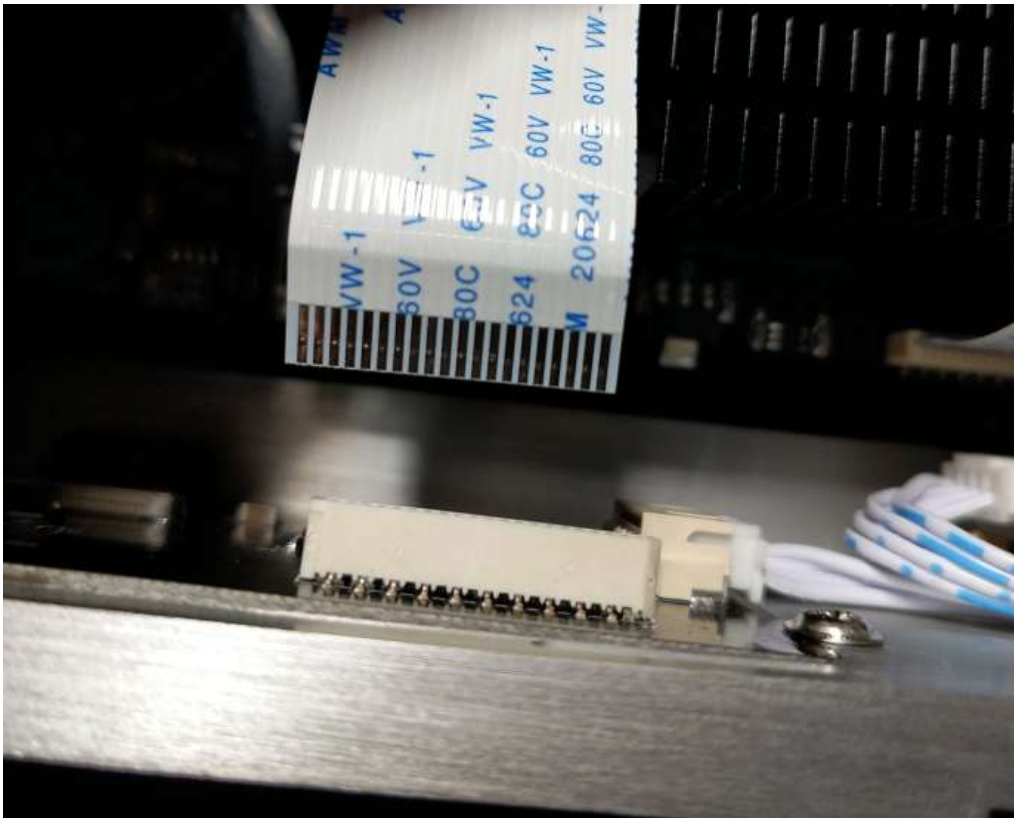3. Click install

4. Successful installation

5. Check whether the programmer already exists on the computer, please remember the number after "COM", the number is random, not necessarily the same as the picture.
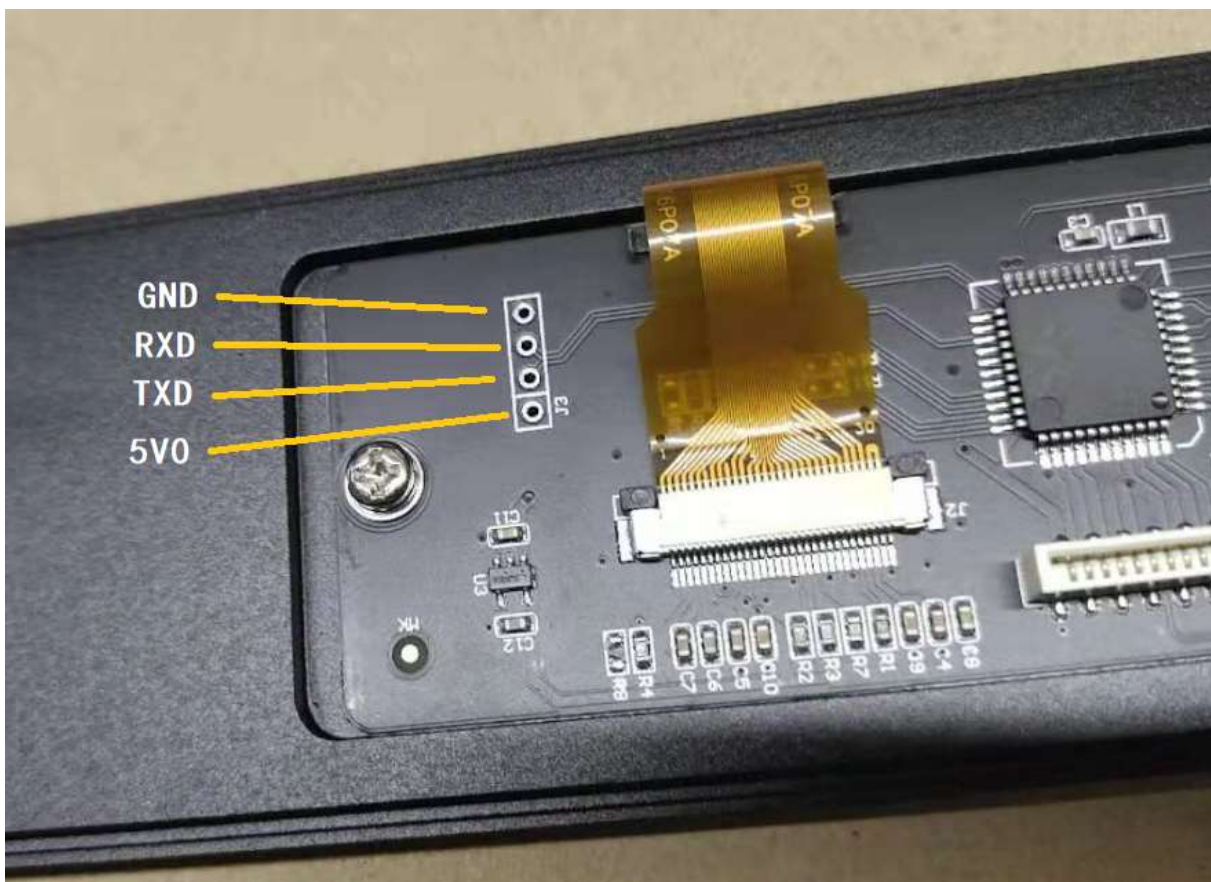
The second step:

Programmer connection A18 display board
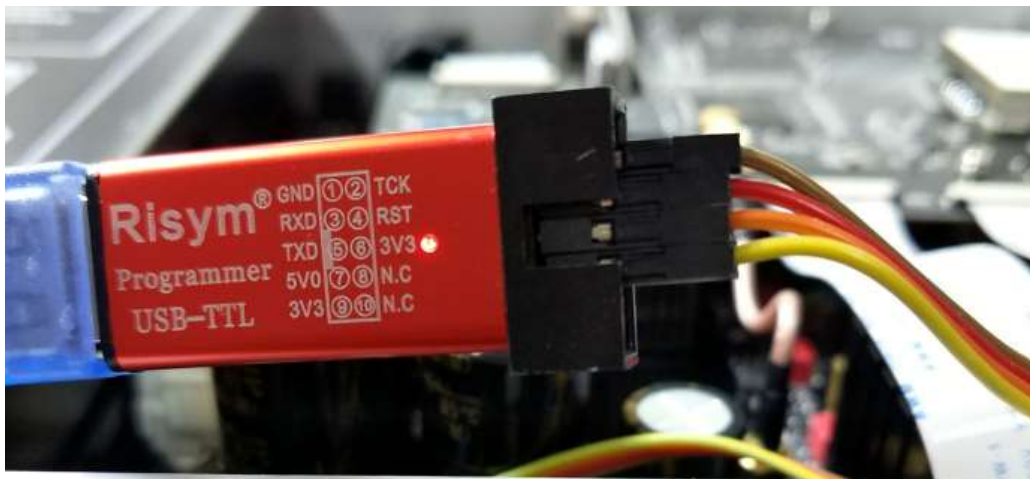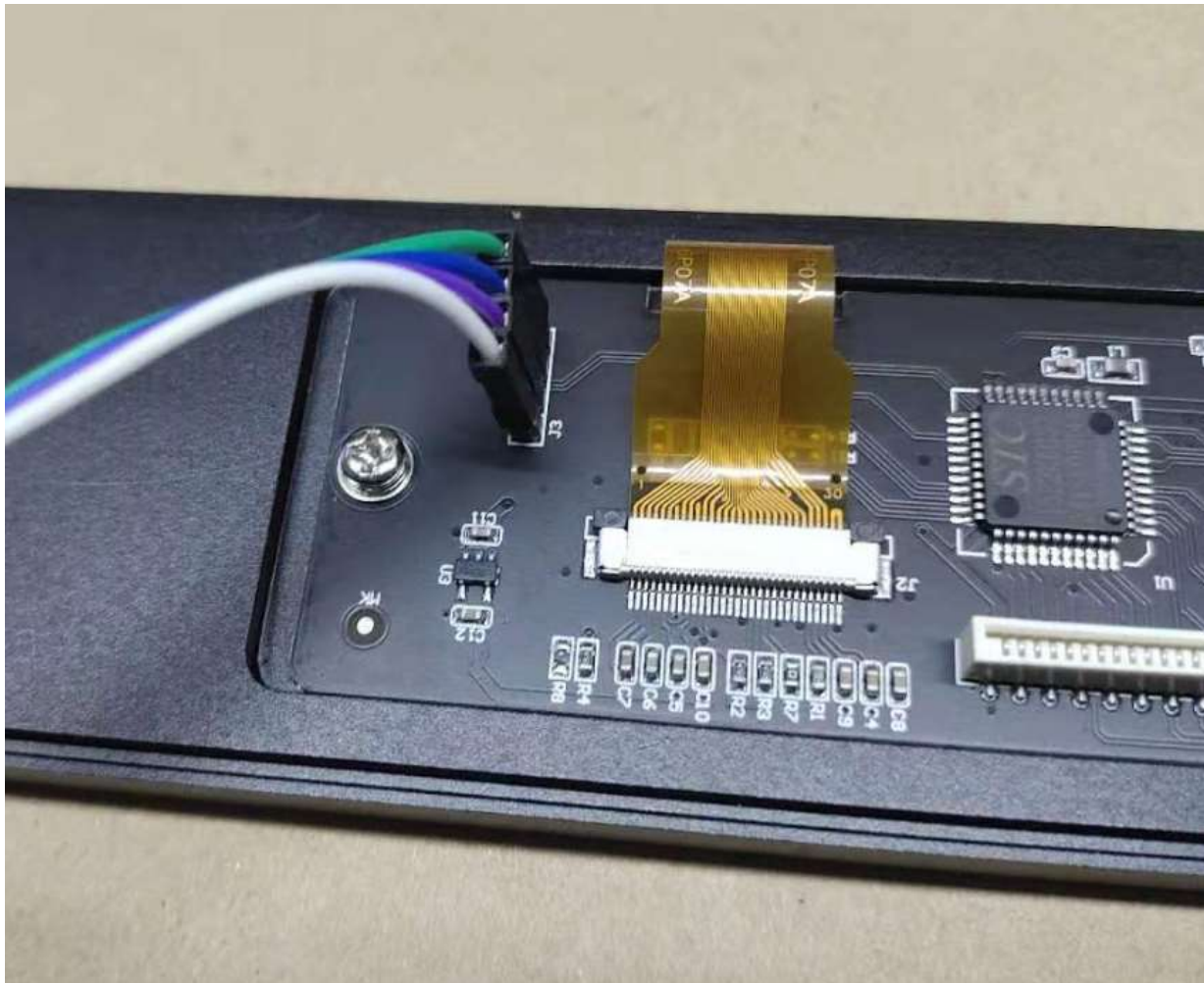
1. First   unplug the display board cable

2. Connect the programmer and display board:
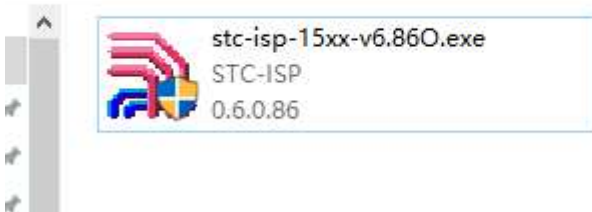

After connecting, the programmer is also connected to the computer USB. The screen can be run.

Risym® GND ①② TCK
RXD ③④ RST
TXD ⑤⑥ 3V3
Programmer 5V0 ⑦⑧ N.C
USB—TTL 3V3 ⑨⑩ N.C

IIS IN

UNLOCK

VOLUME 00dB

3. Run the upgrade program:

STC UPDATA › Upgrade program › stc-isp-15xx-v6.86O

stc-isp-15xx-v6.86O.exe
STC-ISP
0.6.0.86

Close the notification of the software, and confirm any prompt points. COM number select the number displayed when the driver is just installed.
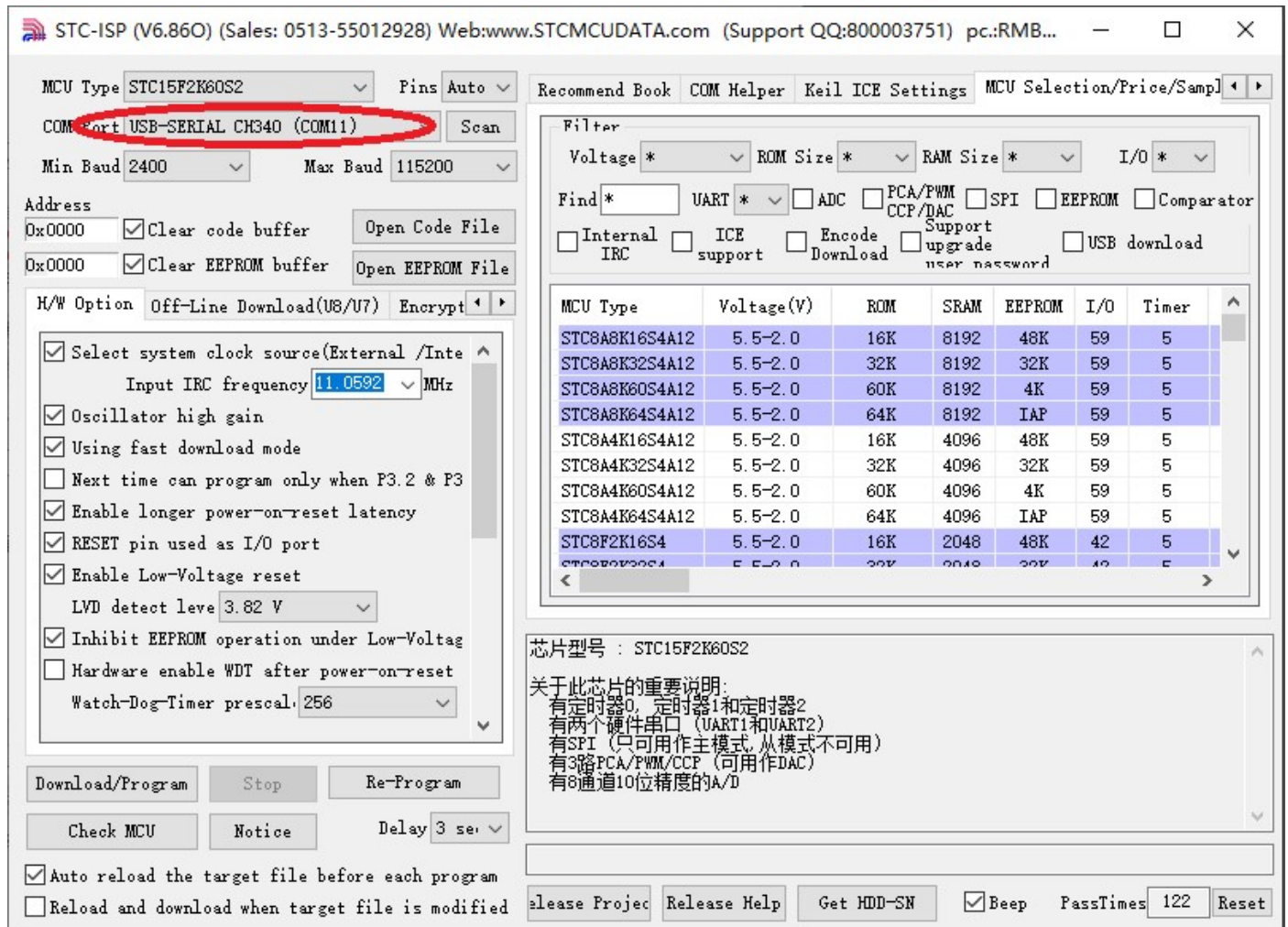
4. Click on the Check MCU option, the program will automatically detect the correct MCU model, and confirm with any prompt.

5. Open the upgrade program file, STC_UPDATA_V2.0.
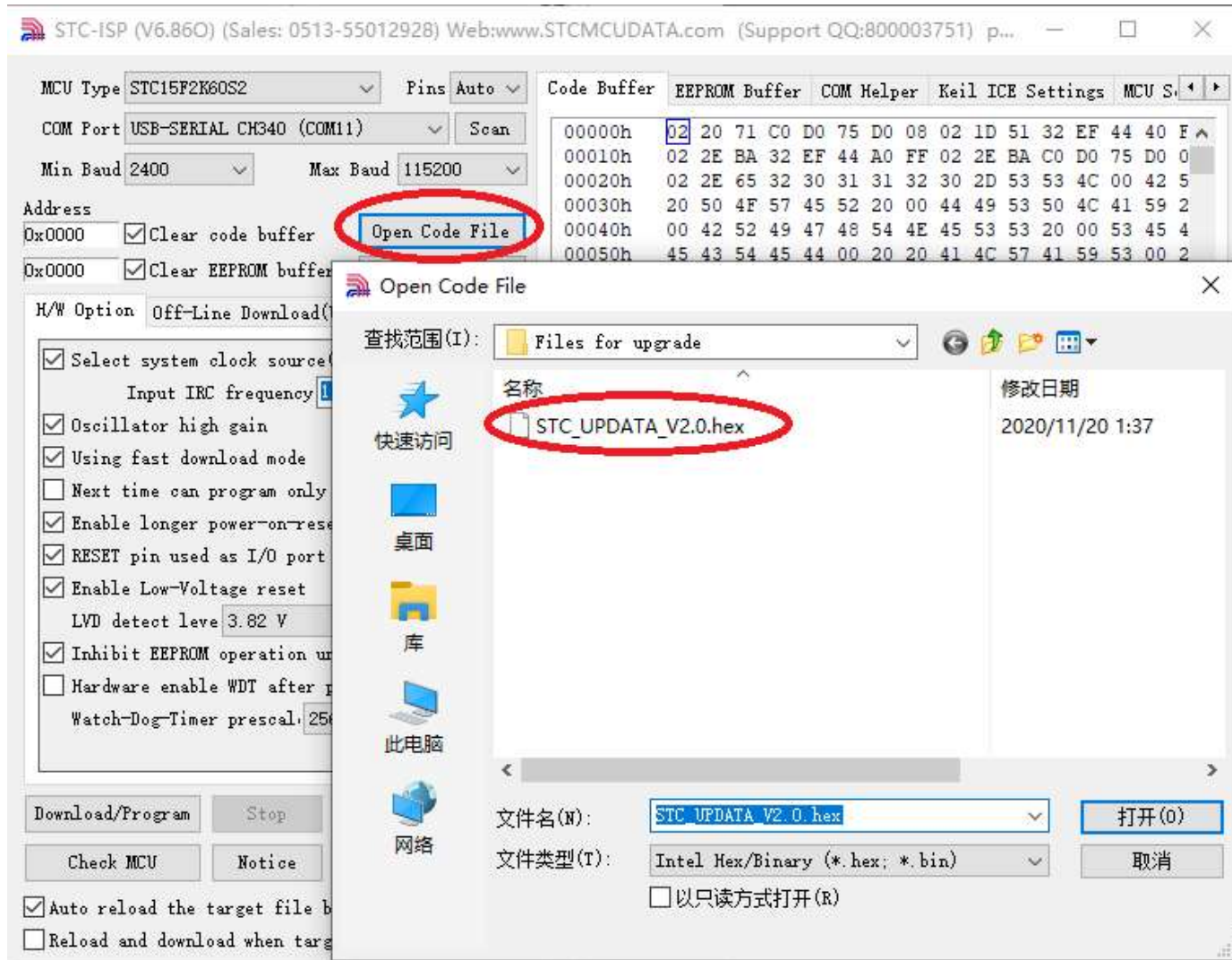
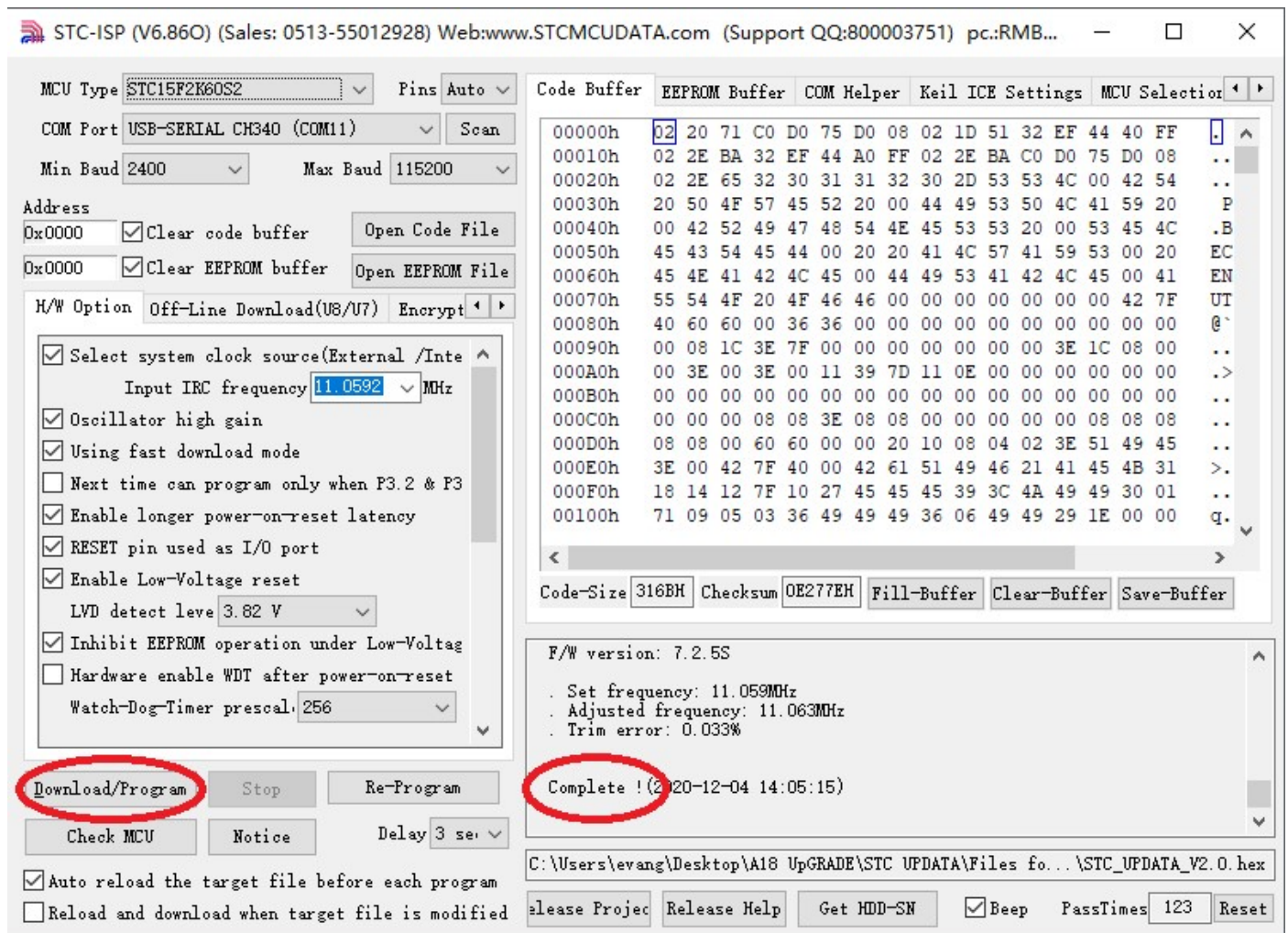6. Click "Download/Program" to start programming, there is a progress bar indicating. The word "Complete" will be

displayed after the download is complete

7. Unplug the programmer after successful operation.
   And plug the A18 motherboard cable back into the display board.