



CloudDrive

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# MANUAL

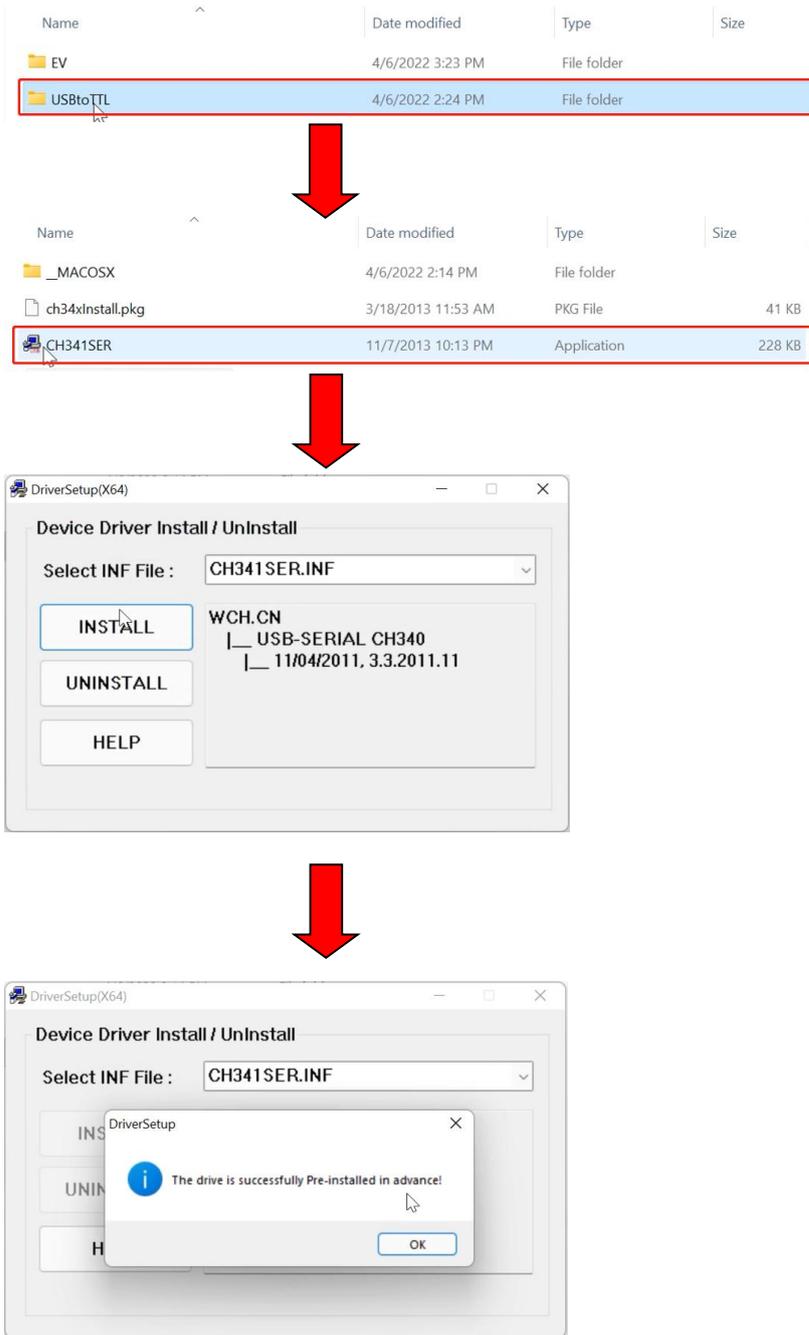
For STC Display Programming

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# 1. CH340 Driver Setup

Find the “USB to TTL” file folder in computer, double click to open this file folder, click the “CH341SER” driver application and click INSTALL. (Please refer to following operation process, if the computer had installed the CH340 driver application, please ignore this step.)



## 2. Connection

Connect the programmer to computer by USB cable, connect the display with the programmer.



## 3. Open The STC Programming Software

Double click the “**stc-isp-15xx-v6.87p**” to open the STC programming application. (Please refer to following figure)

 stc-isp-15xx-v6.87P

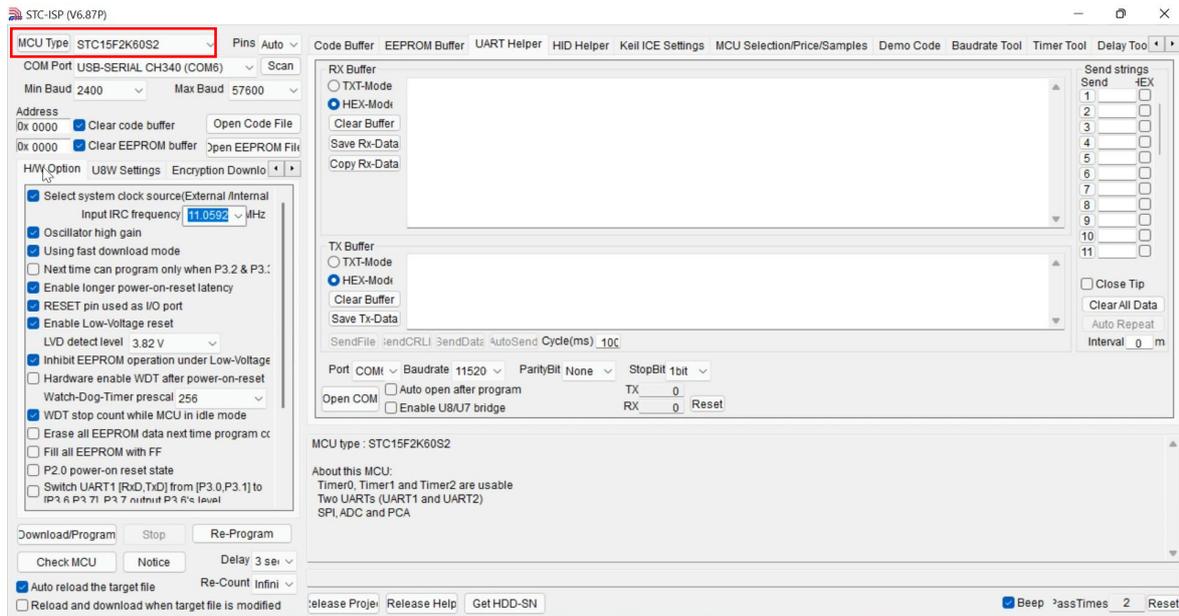
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Application

1,614 KB

## 4. Program Download

### 4.1. MCU Type: STC15F2K60S2

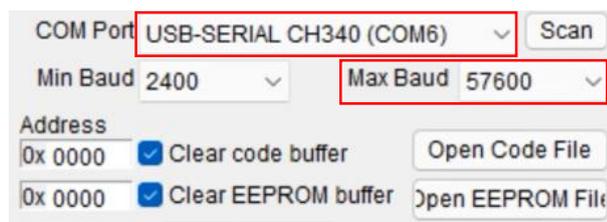


## 4.2. The selection of COM port and baud

Click **Windows** and **X** buttons on keyboard, then left click the **Device Manager** by mouse, check the COM ports, the serial port number is the COM port with CH340, the maximum baud is 57600. (Please check following figures for operation process)



Click **Windows** and **X** buttons



### 4.3. Setting of other options

The screenshot shows a configuration window with various options. Red boxes highlight the following options:

- Input IRC frequency | 22.1184 MHz (Callout: IRC frequency: 22.1184MHz)
- Enable longer power-on-reset latency (Callout: Uncheck this options)
- Erase all EEPROM data next time program cc (Callout: Check this options)
- Fill all EEPROM with FF (Callout: Check this options)

### 4.4. Load the program file to upgrade

The screenshot shows the 'Address' section of the programmer's interface. The 'Open Code File' button is highlighted with a red box. A callout box points to it with the text: "Click 'Open Code File', select the code file need to program."

### 4.5. Click "Download/Program"

The screenshot shows the programmer's interface with the 'Download/Program' button highlighted with a red box. Other buttons visible include 'Stop', 'Re-Program', 'Check MCU', 'Notice', and 'Delay 3 sec'.

### 4.6. Turn on the programmer's switch, upgrade program.

If the programmer's switch is under power-on condition, click download program, you need to manually turn on the programmer's switch. If turn on the programmer's switch once and the programming software has no response, that needs to turn on the switch more times until the programming software responds.



Turn the programmer's switch to ON(The position where has three vertical bars).



If you still have queries after reading this manual, please contact us for technical support.

Support@clouddrive.tech

If you have business cooperation intention, welcome to contact us.

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