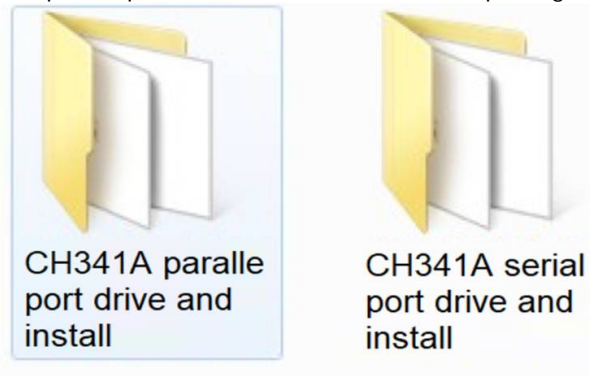


New Cisco Electronics
CH341A programmer instruction

NOTE: To ensure that you use this programmer correctly, please read carefully

1. Driver installation:

Open the driver folder "CH341A parallel port drive and install" in the data package, there are two drivers in the folder

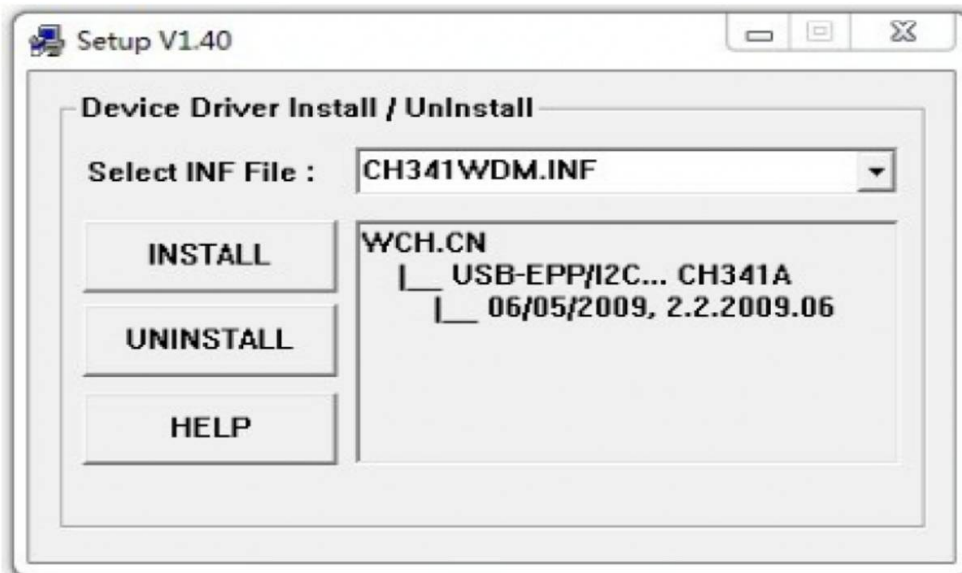


Install the parallel port driver for programming and burning

Install the serial port driver TTL line to use the P/S selection port short connector

1. Programmer mode driver installation

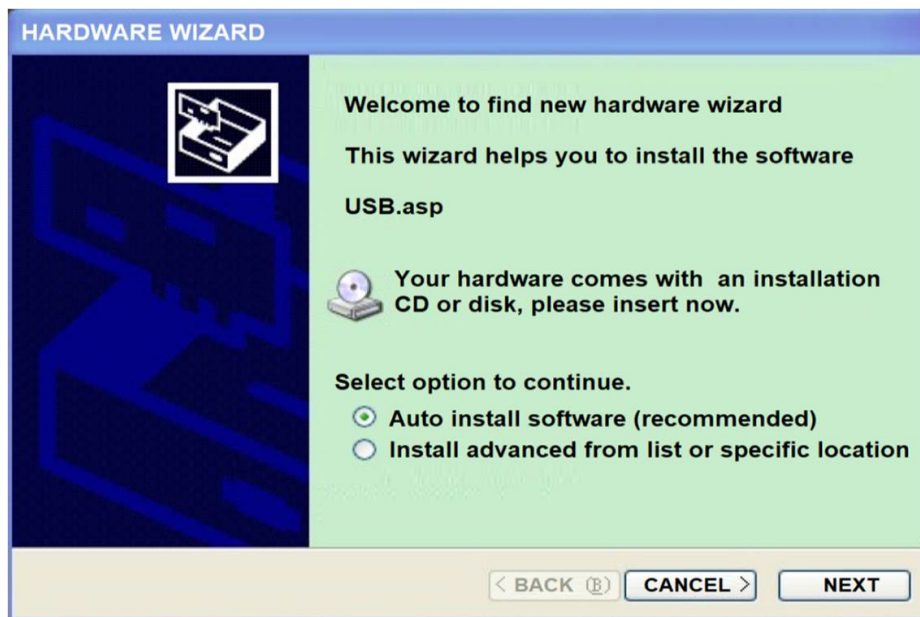
Double-click the "24 25 series chip programming driver" file with the mouse, and the following dialog box will pop up



Select **INSTALL** on the interface to install the driver. The installation process may last about 30 seconds. When the following dialog box pops up, it means that the driver is installed successfully.

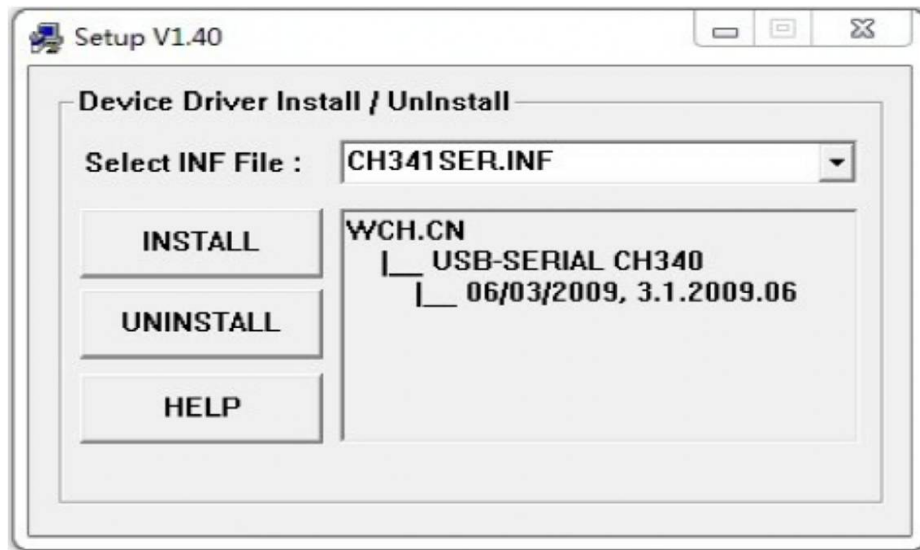


Connect the programmer to the USB port of the computer, the computer will pop up the In the dialog box, select automatic installation.



2. TTL flash mode driver installation

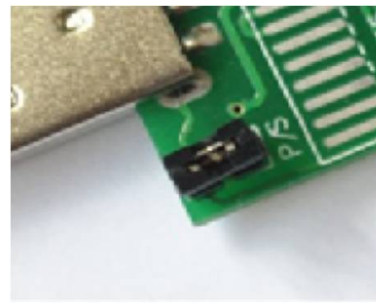
Double click the "TTL Flash Driver" file with the mouse, and the following dialog box will pop up selected



Select INSTALL on the interface to install the driver. The installation process may last about 30 seconds. When the following dialog box pops up, it means that the driver is installed successfully.




Pull out the SHUNT jumper on the programmer



2. Programming software operation

1. 25 series BIOS chip programming

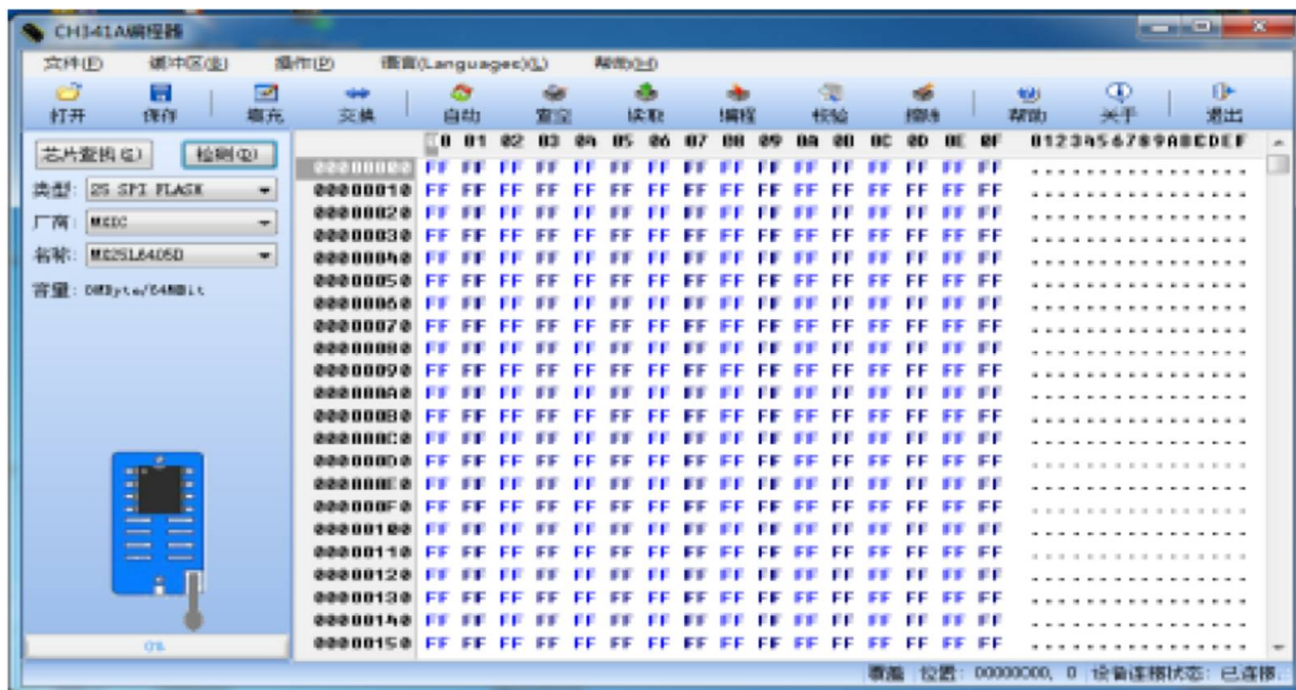
Connect the programmer to the computer, open the programmer software, and double-click CH341A.exe to open.



**CH341A
Programer1.17**

Languages	2014/09/05 11:07	File folder	
+n---!+.txt	2012/04/08 06:58	Text Document	4 KB
CH341A.DLL	2012/04/18 19:31	Application exten...	3 KB
CH341A.exe	2012/04/18 19:00	Application	652 KB
Config.ini	2013/08/26 10:20	Configuration sett...	1 KB
DataBase.Dat	2012/04/18 19:00	DAT File	567 KB
USBIOX.DLL	2008/10/14 18:00	Application exten...	31 KB
Zlib1.dll	2009/03/17 10:20	Application exten...	88 KB

The following programming interface will appear

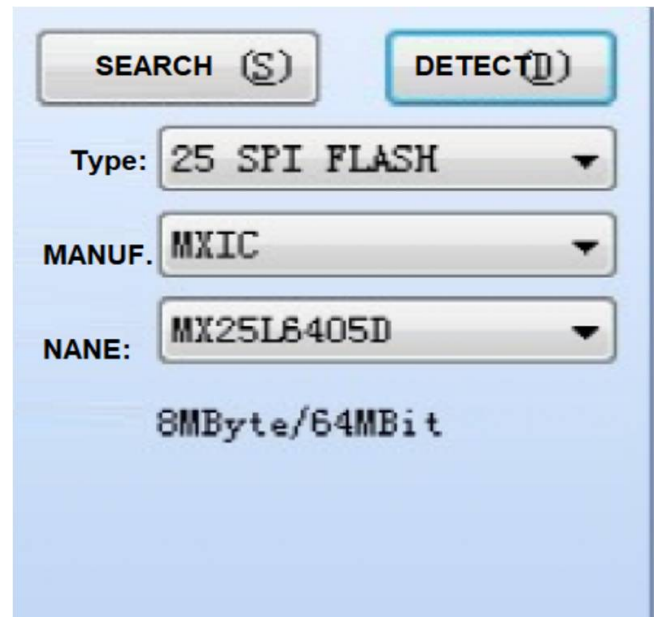


At this time, the device connection status in the lower right corner of the programming interface should display "Connected".



Now you can officially start writing programs! !!! The steps are as follows:

1. According to your chip type and model, select the chip you want to write in the following position
2. Place your chip to be written in the following position of the programmer:
24 series

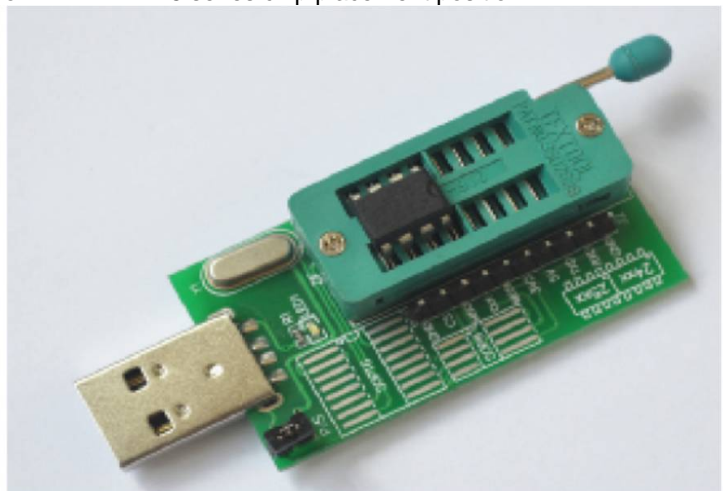
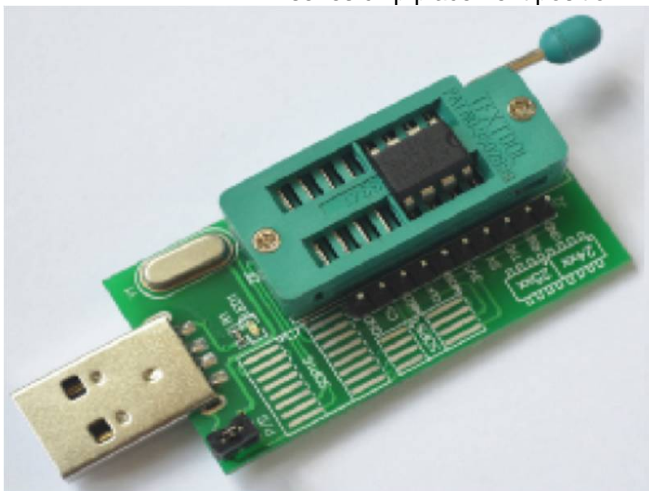


3. Place your chip to be written in the following position of the programmer:

24 series chip placement position

or

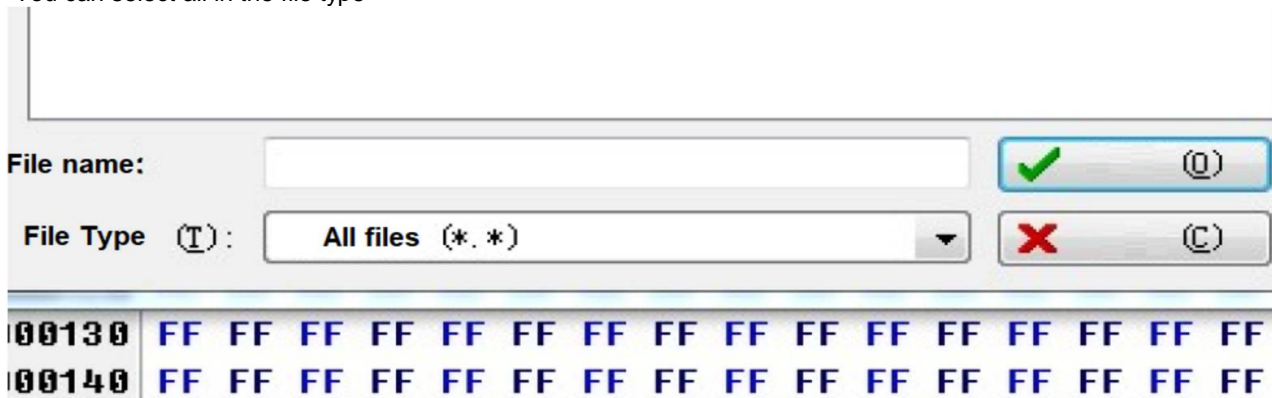
25 series chip placement position



4. Click the Search button on the toolbar of the programming software interface



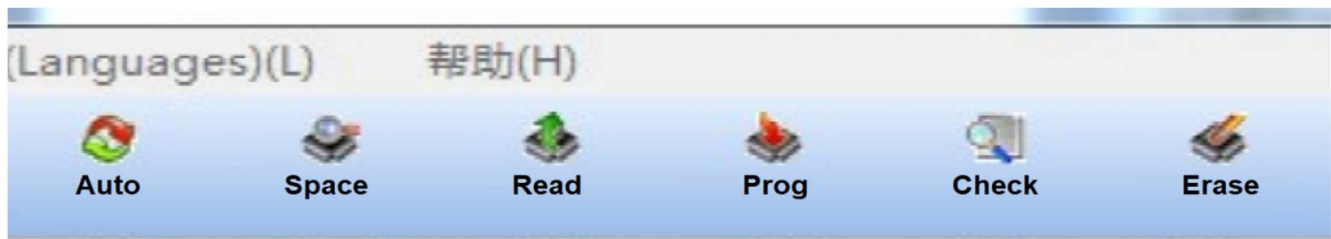
The following dialog box appears, find the data you want to write in the dialog box, here is the default data
The type is .BIN or .HEX file, if your file is of other type, such as .ROM, etc.,
You can select all in the file type



After finding the corresponding data file, click the Open button in the dialog box, and the data editing area of the programmer can be In order to see the content of the file you want to write, pay special attention, please do not modify the data in the data editing area at will,

Avoid causing data errors and the chip cannot be used.

5. Select the function you want to operate on the toolbar of the programming interface. Generally, if you choose to write the chip, you can select Auto.



6. After starting programming, the current operation progress will be displayed in the lower left corner of the programming interface.
When the empty waiting step is completed, the programming is completed at this time, and your chip is ready for use!

Precautions for software operation:

1. In the **CH341A.EXE 24\25** programmer software, the detection function is only an auxiliary function, due to the data manual of some chips
Not found,
It is impossible to obtain the information of the identification manufacturer\chip **ID** of the corresponding chip, and this function is not perfect, so some chips are
Undetectable,
Therefore, the accuracy of the detection function is not 100%.
2. Regarding detection and identification errors (referring to **MX25L6445** being recognized as **MX25L6405** or the like), such as **MX25L6406, MX25L6445**,
The chip device numbers of the three models are the same, so it leads to misidentification.
3. When the detected target chip is "**Unknown**", it does not mean that the programmer cannot be programmed. You can select the chip manually
Programming operation.
If there is no corresponding model in the chip list, you can directly select the close model\brand, that is, select the same capacity.
Among the manufacturers, there is "**COMMON**", which stands for universal. The programming instructions of various brands of chips are the same (SST And ESMT).
So the model\brand can only be regarded as a name in the software, as long as the chip capacity is selected, you can directly burn and write.
(Except **SST** and **ESMT**).
4. If there is no model you need in the chip list, you can select **COMMON** in the manufacturer, and then select your
The capacity of the corresponding chip is enough.

5. When the last four lines of the detection information content all display **\$FF** or **\$00**, it means that the chip pins are not properly connected to the test socket.
Touch, please check whether the chip is reversed or soldered, etc.
At the same time, it is also very possible that the chip is broken and the chip information cannot be read. A few special chips that are not commonly used cannot be detected.
Still **\$FF** or **\$00**,
Because it does not support reading the chip device number information.
6. If the "Auto" button is used to program the chip, the error message "Write operation timeout failed!" appears. You should change it now
With manual operation,
After clicking "Erase" to complete, you need to wait more than ten seconds, and then click "Program". (Reason 1 may be a compatibility problem of individual chips, read
Write to wait for the interval time;
Cause 2 The chip pins are not in good contact with the programmer test socket, which causes the chip to not respond to instructions sent by the computer).
7. In the process of reading and writing operations, it is not recommended that you perform other operations (such as browsing the web \QQ\download, etc.), which may cause software
The software stops responding\read and write data error\data verification failed.
8. Since the **SST** and **ESMT** chips do not support page data write operation, so when programming these two chips
The speed is very slow. (Individual users think the software is dead)
9. To program **AT26** series chips, it is required to turn on "Use block/sector erase mode" in the options, and turn off "AAI programming mode" formula".
Note: The old version of the core **AT26** chip may have problems such as read and write failure; the software is based on the new version of the core **AT26** chip
Programming method, read and write speed is not much different from common **25** chips.
10. If the erasing is unsuccessful, you can switch the "Use block/sector erasing mode" function in "Operation options" to try again.
- 11.

After running the software, if an error message appears indicating that the driver is not installed correctly, please install it.
Solution:

- (1). Please confirm whether the driver is installed, and check it in the device manager.
 - (2) If you can use the normal programming chip, you can ignore this prompt.
 - (3). If you don't want to have this prompt again, uninstall the driver, restart the computer, and install the driver again.
12. If you need to program the OTP area, please go to the options and select the program area. By default, only the Main Memory area is written.