

## Easy-to-understand offline steps:

A: The way the master reads data and writes it to the blank chip:

1, select the chip type (FN key – F1 chip set – OK – select chip type, chip manufacturer, chip model – OK confirmation)

2, the master reads data function steps are: select the chip model – place the chip – FN key – F3 file settings – read the file.

At this time, the selection box of numbers and English letters will pop up. Please specify the name of the master file, for example, “11.BIN” and press the enter key in the lower right corner to complete reading and saving.

3, remove the mother slice, FN key – F3 file setting – open the file, find the master file (example named 11.bin file), press OK.

4. Place a blank chip and press OK.

5, pay attention to the bottom of the screen to see the success, failure figures. Cumulative +1 for each operation.

B: There is a master file (BIN or HEX format), to write the file to a blank chip:

1. First copy the files on your computer to the writer.

**Special Note:** Please do not remove the memory card from the writer! Please find F7, card reader in FN key. At this time, the computer will appear with a new access to the mobile device. When the driver is successfully installed, you can see the memory card of the writer in “My Computer”. Afterwards, copy and paste the master file into the writer memory card.

Before exiting, be sure to exit using “Safe Exit Mode” and unplug the USB cable. Then connect the USB cable and restart the writer. After restarting the writer, press FN – F3 – Open File – find the master data file copied to the writer, press OK

- 2, place a blank chip, select the chip model (FN key - F1 chip set - OK - select the chip type, chip manufacturer, chip model - OK confirmation)
- 3, press OK again to start programming.
- 4, pay attention to the bottom of the screen to see the success, failure figures. Cumulative +1 for each operation.

Tip: CH2016 can be connected to a computer or offline.  
Connecting to a computer is easier.

#### **Introduction to Function Keys of CH2016 Multi - function High Speed Programmer**

Connect the USB power cord (USB cable connected to the computer USB port or charging Po), boot, see CH2016 welcome interface.

Press FN to display the menu: F1 chip setting; F2 operation setting; F3 file setting; F4 serial number setting; F5 project setting; F6 chip copy; F7 card reader; F8 virtual serial port; F9 language; F11 file browsing ; F12 other options; F13 on

## F1. Chip setting

Enter the F1 submenu: chip selection, chip recognition, mandatory identification.

Under normal circumstances, SPI FLASH chip can be used [chip recognition] to automatically identify the chip model.

If you know the chip model or 24 \ 93 EEPROM chip, you can use the [chip select] to choose.

**【Chip select】** : 1 type - select the type of chip, such as 24 EEPROM \ 25EEPROM \ 93EEPROM \ SPI FLASH \ DATA FLASH \ STM32 \

AVR and so on.

◀ Symbol Select to the left.

▶ The symbol is to the right.

▲ symbol to select up.

▼ symbol to select.

Select the chip model information, press OK to confirm, the pin configuration diagram appears, press OK. In the upper left corner of the display, there are text items that are in operation. Successful programming, the success of the number in the lower left corner will +1.

## F2: Operation setting

I represents the ID

check E for erase

W for writing

V stands for

parity L stands

for lock

The default procedure is for the I-E-W-V-L user to set the operating procedure. For example, without ID verification, direct erase - write - verify, that is, E-W-V.

Subtract the operation of the step: Select I, press ▲ or ▼, and when the I symbol becomes - is free. If you want to replace I with erase, it is E.

### F3. File settings

Press OK to enter the submenu: open file, read file, delete file.

Motherboard read data function steps are: select the chip model – place the chip – FN key – F3 file settings – read the file.

At this time, the selection box of numbers and English letters will pop up. Please specify the name of the master file, for example, “11.BIN” and press the enter key in the lower right corner to complete reading and saving.

### F4. Serial number setting

Status OFF, turn off the serial number. You can press ► to open, the status display is ON, you can set the number of bytes, size, address, value.

### F5. Project settings

Press OK to enter the submenu: open the project, save the project, save as, delete the project.

### F6. Chip duplication

Master copy: the master chip chip in the green lock seat of the next 8 position. The empty sheet is placed in the upper 8 position of the green locking seat.

Successful programming, the success of the number in the