Code Any Write 1.0 User Guide

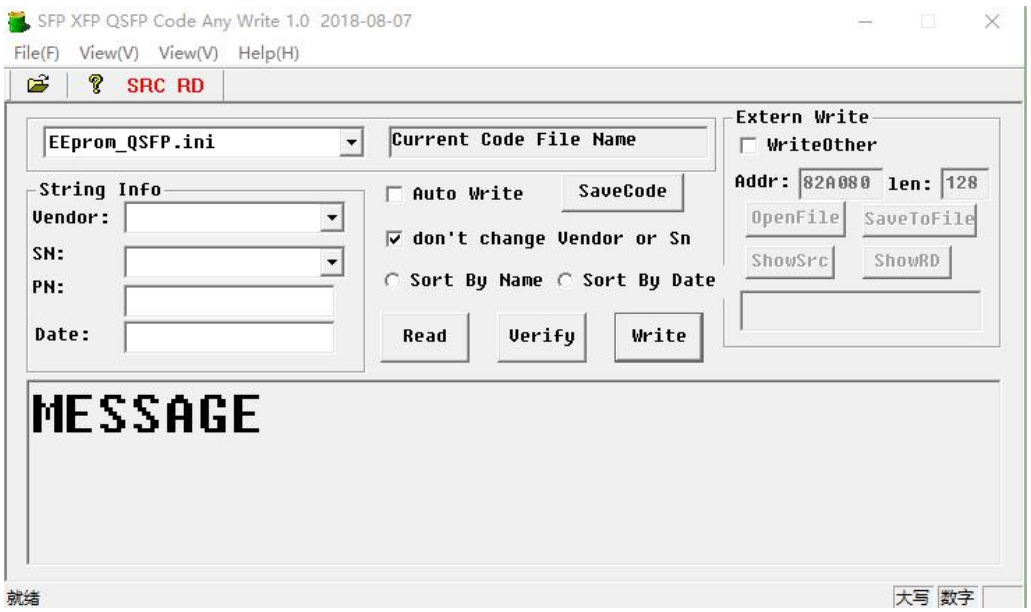
1. Connecting the devices

I. Connect the program board to the computer with the USB cables. The program board supports automatic identification of USB in system of Windows 7 / 10.

II. Plug the fiber optical modules into the program board housing socket.

2. Read/Write Code

I. Click Code Any Write 1.0.exe，See Below

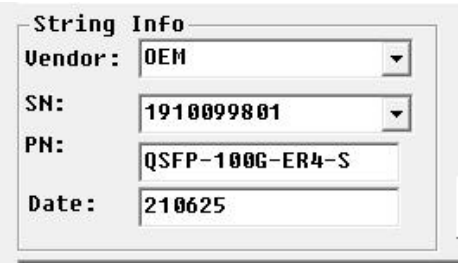


II. Select correct configuration file for different optical modules, See below.

EEprom_sfp.ini	Unlocked Eeprom	SFP/SFP+/SFP28
EEprom_QSFP.ini	Unlocked Eeprom	QSFP+/QSFP28
EEprom_XFP.ini	Unlocked Eeprom	XFP Table01
NoPassword_XFP_TABLE2.ini	Unlocked Eeprom	XFP Table02

III. Read the Code

When the optical modules are plugged in the program board, Click **Read**, could read the EEPROM codes of optical modules, the EEPROM information will display as below, including vendor name, SN, PN, Date, etc.

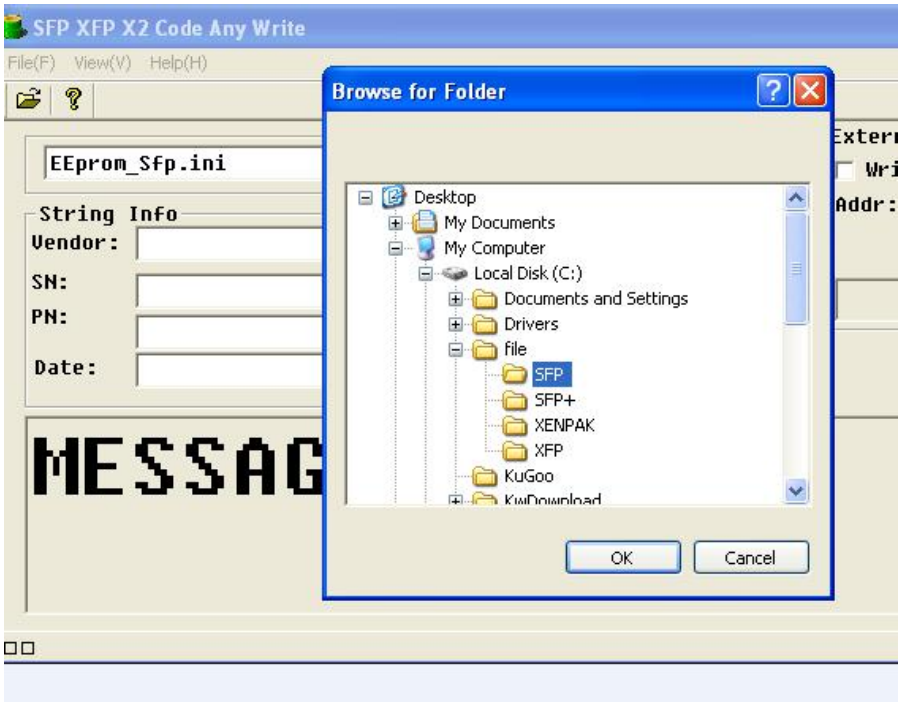


IV. Save the code

Click **"Save code",** then you could save the code which you just read from the modules.

V. Write the code

Import the source code first, Click  Or select the menu: File->Select Code Source folder, choose the folder where you saved the codes, Click OK (see below).



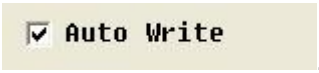
Click **Write,** then you could write the code which you just selected to the modules.

If there are many codes in the folder,you can choose the correct SN of code to write.

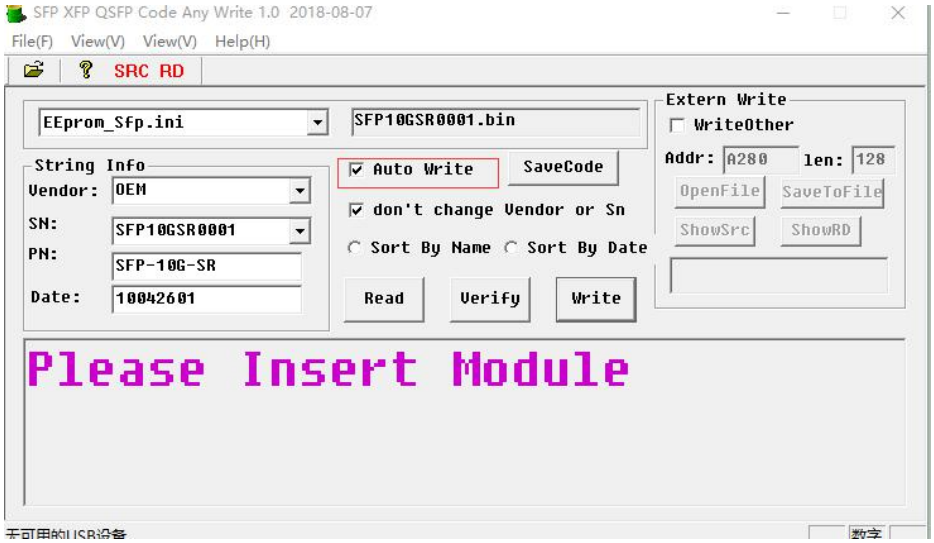
When you see the picture below, it means that you have write the code successfully.

VI. Auto Write

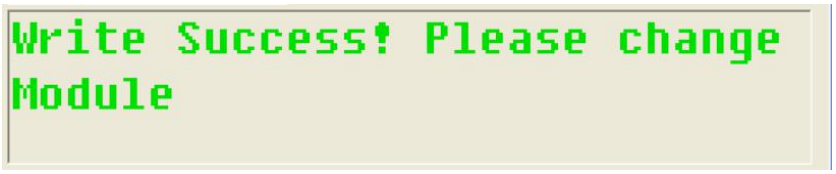
When you want to write many optical modules, you do not need to click the “write” bottom one by one, Using “Auto write” function could help you to write continuously, just need to change the new modules one by one.

Select 

, before you plug the modules, see below:



Plug the first module, then the software will begin to write code automatically, when you see the picture below, it means that the code are successfully wrote into the modules, you can change another module.



3. Write additional code into other address

For most optical modules, just follow the above steps to write the code to the standard position of the module, but some system compatibility codes need to write some additional information to other EEPROM addresses. In general, these address may need to write additional codes:

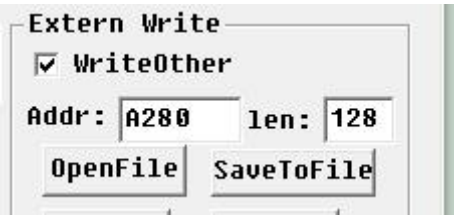
Optical modules	Additional Code Address
SFP/SFP+/SFP28	A2H
QSFP+/QSFP28	A0H Page02
XFP A0H	Table02

Generally speaking, this additional code, corresponding to a certain type of module, is a fixed code, so there is no need to switch the serial number, just need to write the same additional code information repeatedly.

I. There are different operation methods for different module additional codes

For the modules below

SFP/SFP+/SFP28	A2H
QSFP+/QSFP28	A0H Page02



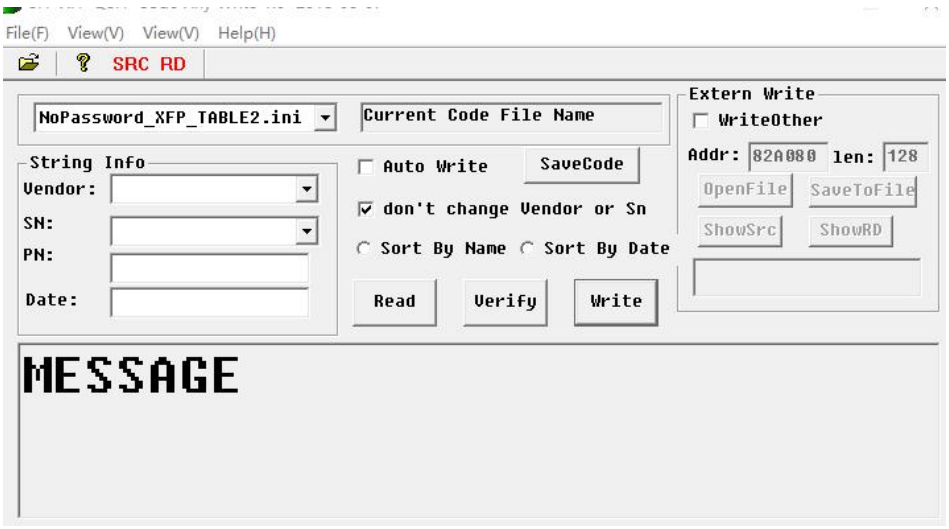
The A2H address code of SFP/SFP+/SFP28 and the page02 address code of QSFP+ / QSFP28, you only need to select "write other", and then click "open file" to select the additional code. When you click "write", the additional code will be written to corresponding address of the optical modules together with the main code .

II. Read/Write XFP Table02

Select “ No_password_SFP_A2_80toF8.ini”, see below figure file.

i. Read the XFP table02, plug the XFP modules into the XFP interface.

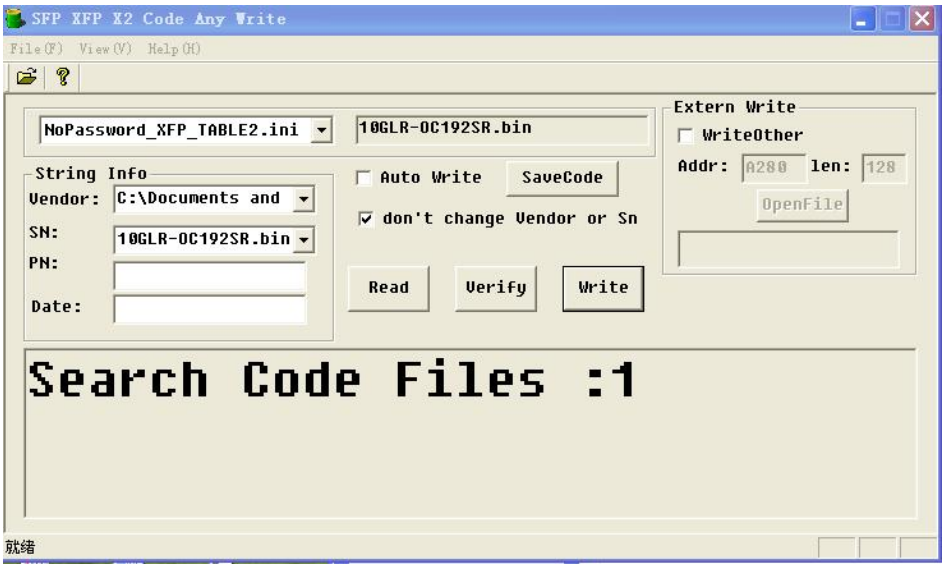
Click “**Read**” it shows below:



Note:This software can not show details of table02, just click Save code to a folder.

ii. **Write** table02 to XFP

Import codes of XFP table02 from the folder like steps above. See below:



iii. Click "**Write"**, you will see.