

WIN7 Cypress USB driver installation instructions

Version Record

| Version | Date | Release By | Description |
|---------|------------|-------------|---------------|
| Rev 1.0 | 2022-05-15 | Rachel Zhou | First Release |

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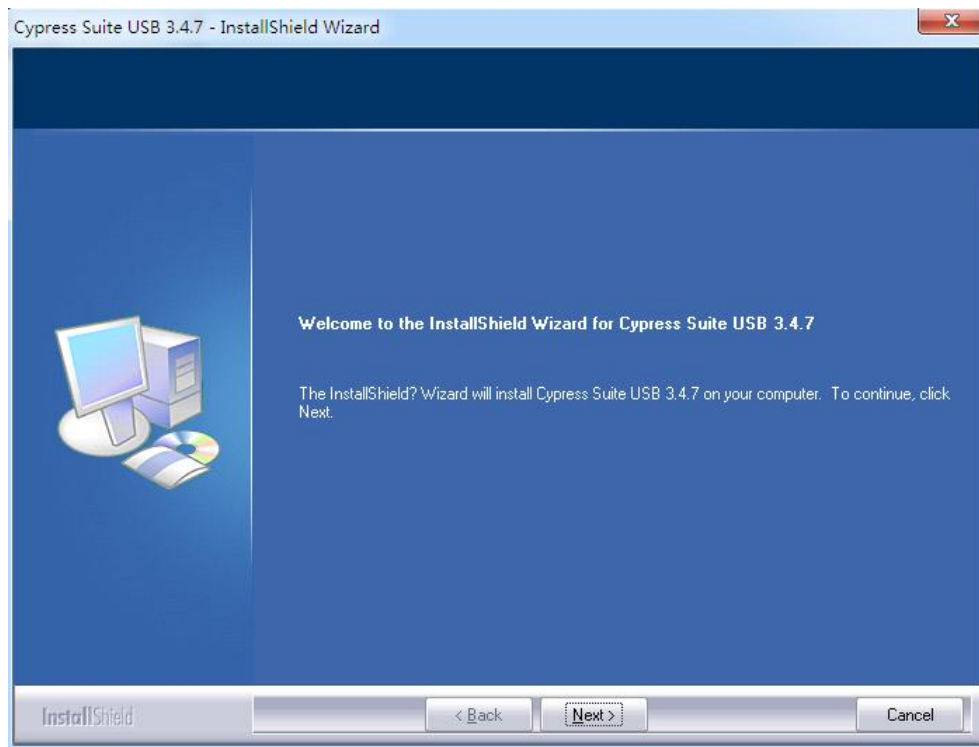
Email: support@aithtech.com and rachehust@163.com

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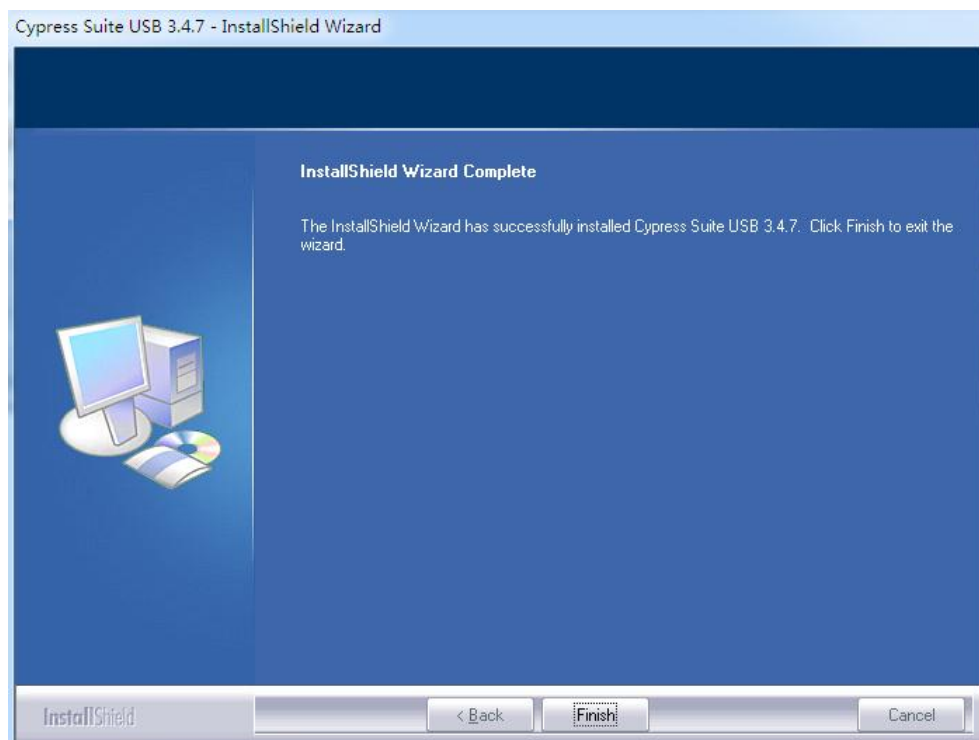
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Part 1: Install Software CySuiteUSB_3_4_7_B204

--Double-click the installation file CySuiteUSB_3_4_7_B204.exe



--Always click Next until the installation is complete



Part 2: Modify the cyusb.inf file

- 1) If the computer WIN7 system is a 64-bit system, open “cyusb.inf” file in the directory of “C:\Cypress\Cypress Suite USB 3.4.7\Driver\bin\wlh\x64”



If the computer WIN7 system is a 32-bit system, open the “cyusb.inf” file in the “C:\Cypress\Cypress Suite USB 3.4.7\Driver\bin\wlh\x86 directory”.



- 2) Any “VID_XXXX&PID_XXXX” in the “cyusb.inf” file should be changed to “VID_04B4&PID_1004”. The value of this “VID”, “PID” should be in the device manager, select the “Cypress USB Generic Driver” device, right click --- Properties --- Details Hardware ID



If it is a 64-bit system, the first ";" on the third line of the following code is to be removed. This is the role of annotations, can't use this sentence as an annotation.

```
;for x64 platforms
[Device.NTamd64]
;%VID_04B4&PID_1004.DeviceDesc%=CyUsb, USB\VID_04B4&PID_1004
```

If it is a 32-bit system, the first ";" on the third line of the following code is to be removed. This is the role of annotations, can't use this sentence as an annotation.

```
;for x86 platforms
[Device.NTx86]
;%VID_04B4&PID_1004.DeviceDesc%=CyUsb, USB\VID_04B4&PID_1004
```

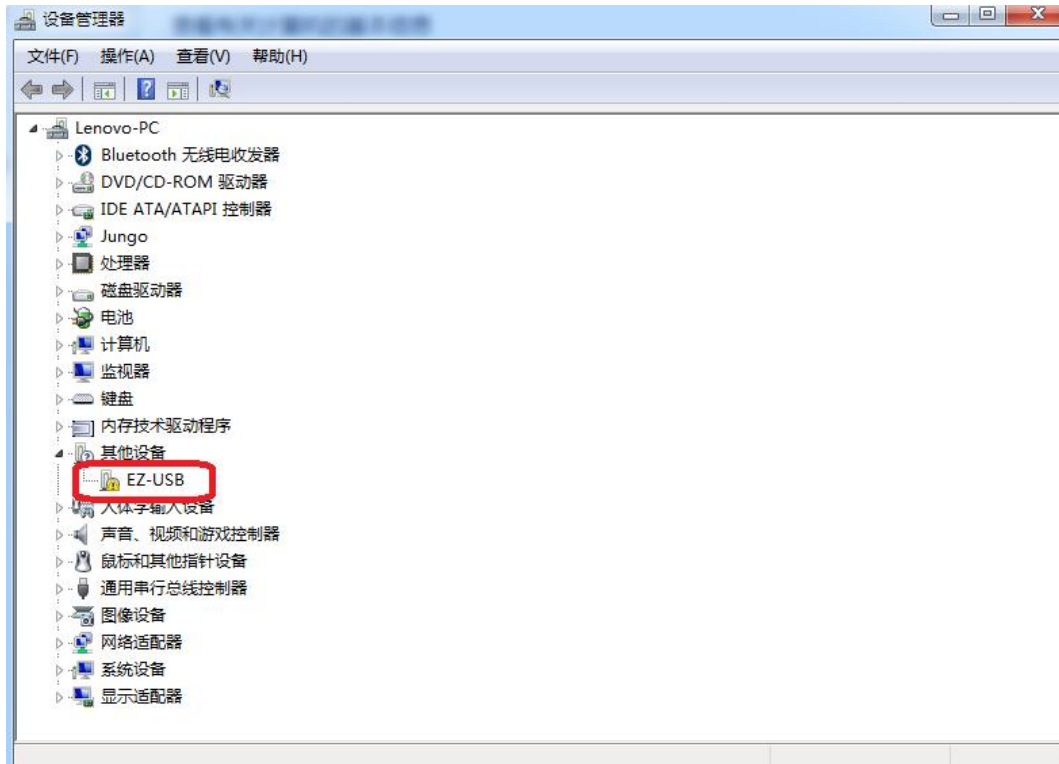
After modifying, save the cyusb.inf file, and then copy the 3 files in this directory (the 64-bit system is the x64 directory and the 32-bit system is the x86 directory) to the C:\Windows\System32\drivers directory.

| 名称 | 修改日期 | 类型 | 大小 |
|-----------|------------------|--------|--------|
| cyusb | 2015/2/11 14:22 | 安装信息 | 3 KB |
| cyusb.pdb | 2011/10/18 12:03 | PDB 文件 | 387 KB |
| cyusb.sys | 2015/2/11 14:42 | 系统文件 | 48 KB |

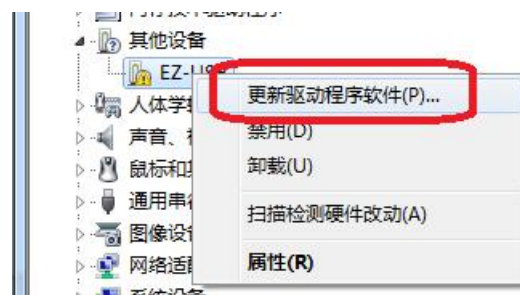
Part 3: Driver Installation

Connect the USB port of the development board to the USB interface of the PC and power on the development board.

- ✓ Open the Device Manager and you will find the Cypress USB device with an exclamation point in front of it indicating a problem with the device.



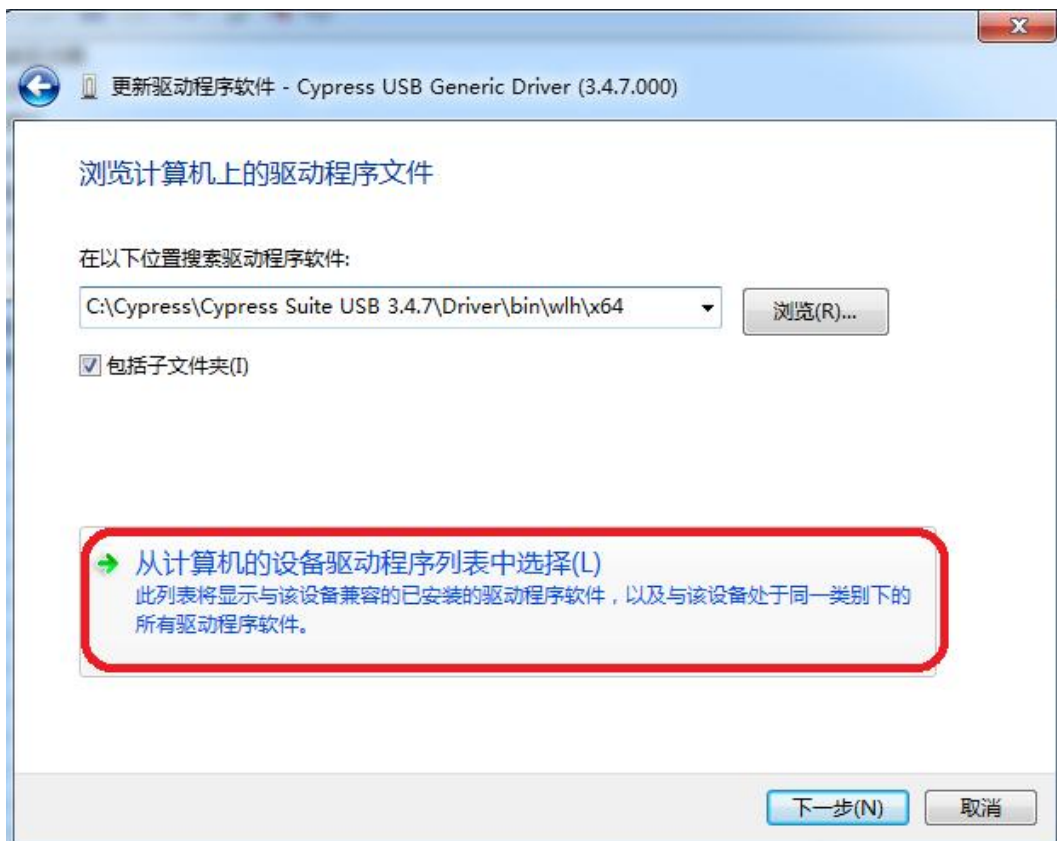
- ✓ Right click Update driver software “更新驱动程序软件”



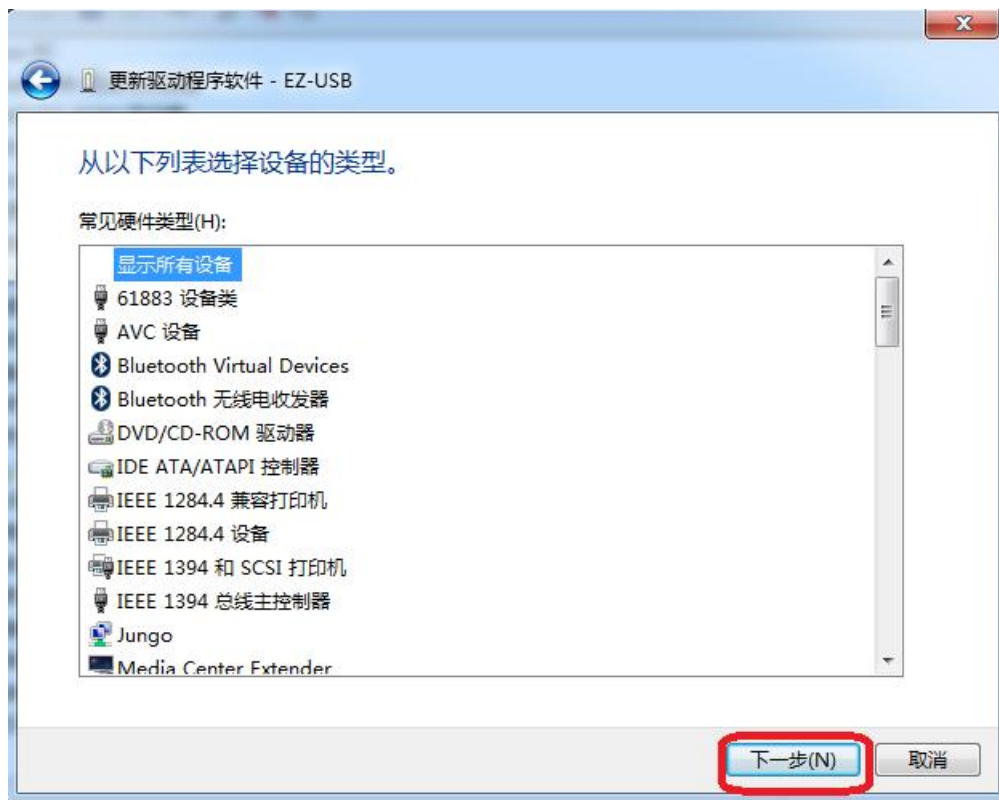
- ✓ Choose to find the driver manually



- ✓ Select from the device driver list of the computer, “计算机的设备驱动列表中
选择”



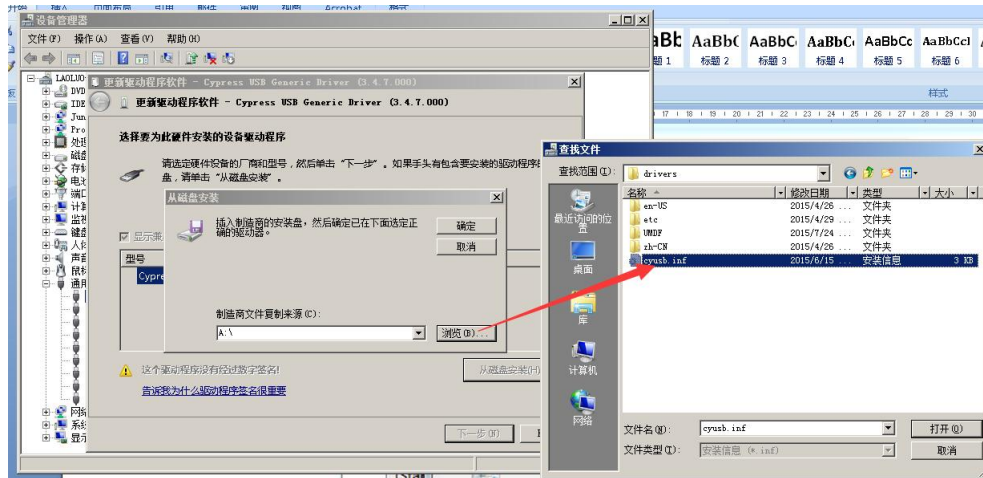
- ✓ Click Next “下一步”



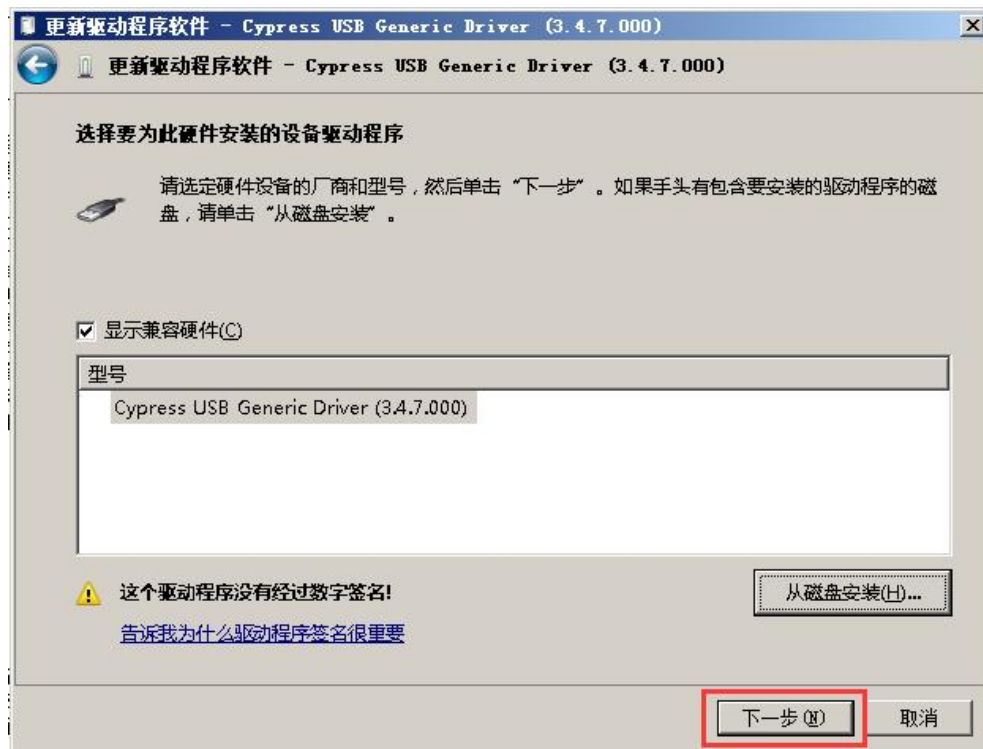
- ✓ Choose Install from disk “从磁盘中安装”



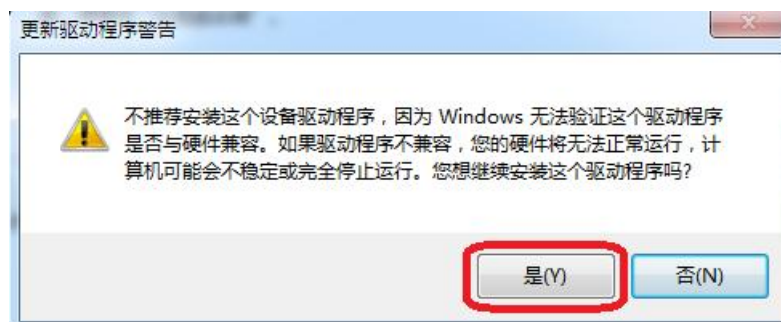
- ✓ Select Browse and select the “cyusb.inf” file in the “C:\Windows\System32\drivers” directory.



- ✓ Select Next “下一步”



- ✓ Ignore this warning and choose Yes



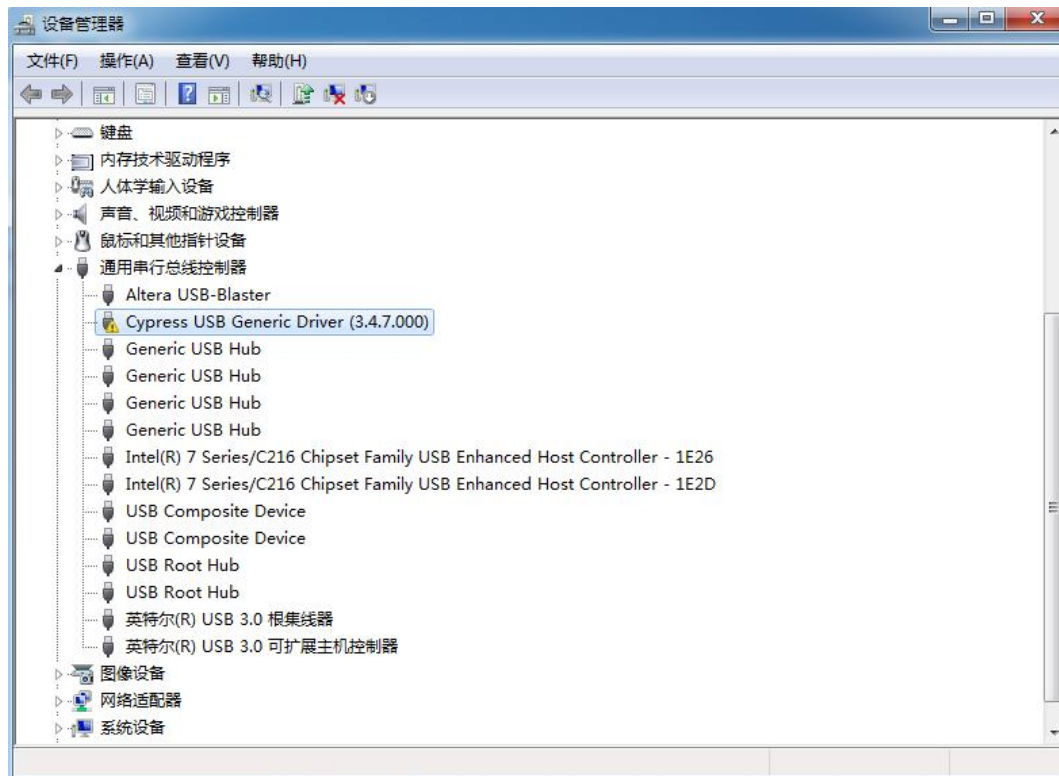
- ✓ Select “始终安装此驱动程序软件” to always install this driver software



- ✓ Here Windows will prompt a problem with the driver installation because there is no digital signature



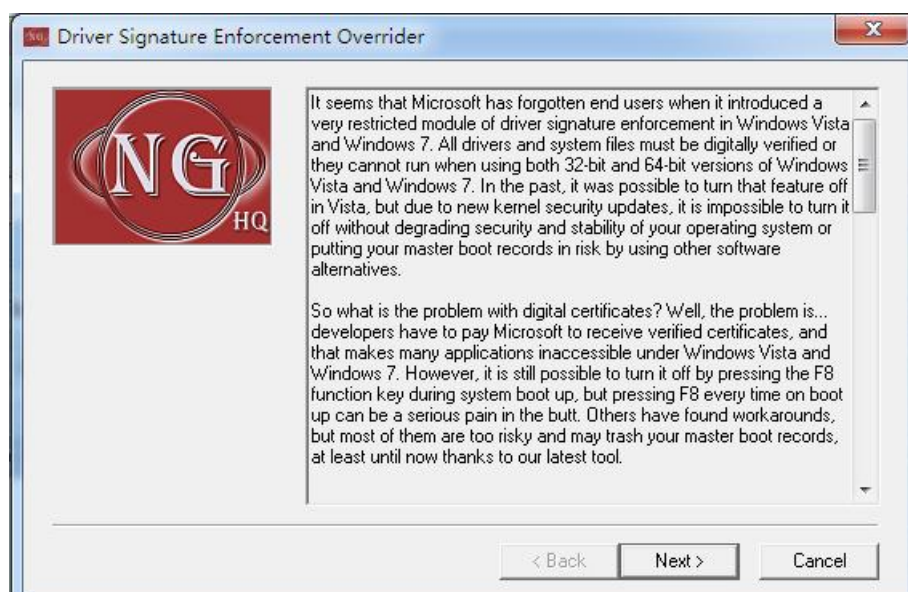
- ✓ There is an exclamation mark in front of the Cypress USB Generic Driver in the Device Manager, indicating that there is still a problem with the driver



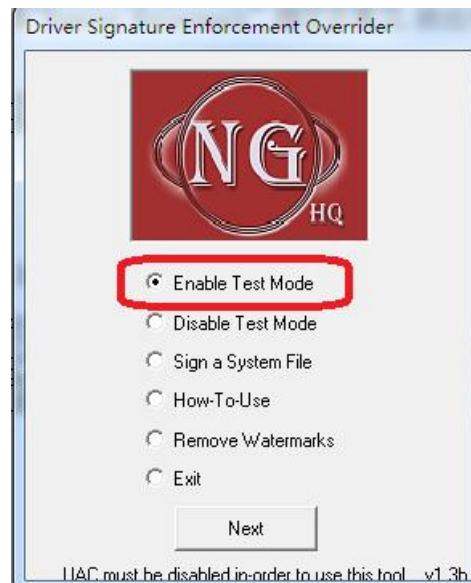
Part 4: Prohibit digital signature

Based on the win7 system requires digital signature, this mode must be disabled to properly install the driver, otherwise you need to press F8 to enter the boot option each time you start the computer, choose to disable the drive digital signature.

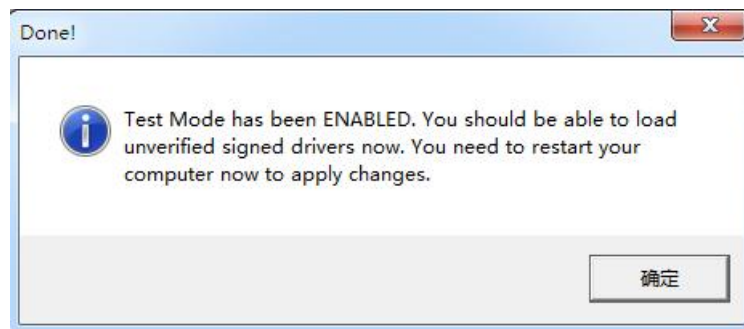
- ✓ Run “dseo13b.exe” file



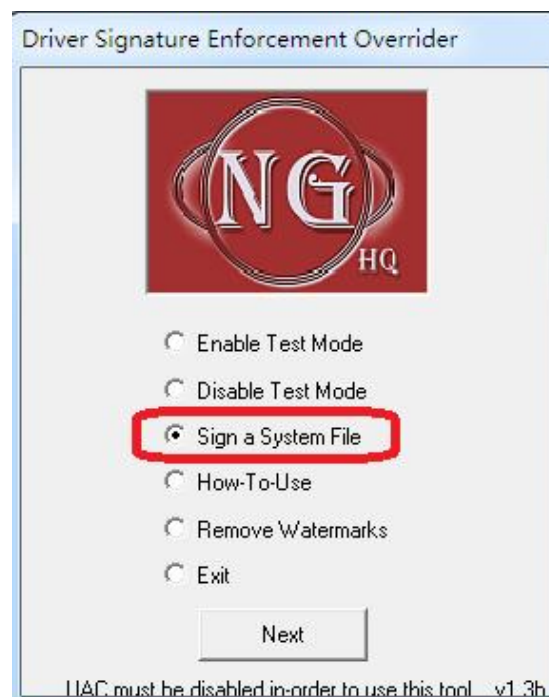
- ✓ Always click “Next” until the following interface, select “Enable Test Mode”



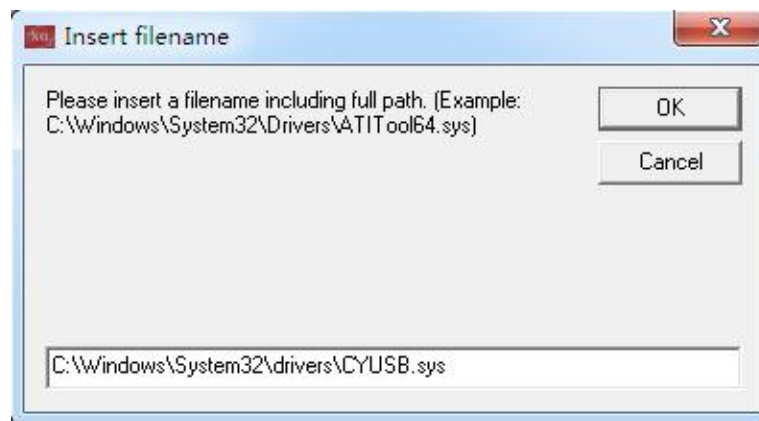
- ✓ Click “确定” to confirm



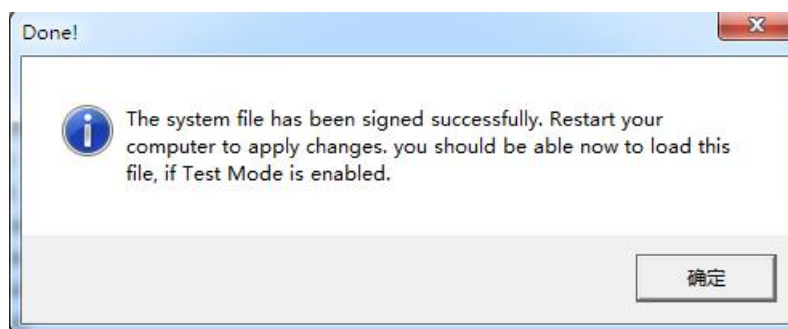
- ✓ Then select “Sign a System File” and click Next



- ✓ Enter the full path of the unsigned driver file in the dialog



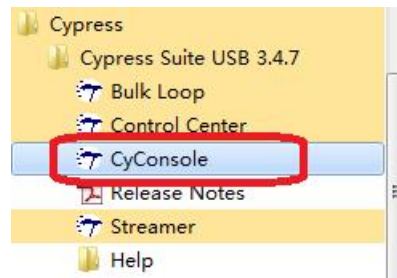
- ✓ Waiting for the following dialog to restart the computer



- ✓ After restarting windows, we can see that the exclamation mark in front of the Cypress USB Generic Driver is gone



- ✓ At this point we can open the installed CyConsole to debug USB communication.



- ✓ Open the EZ-USB Interface interface to find the EZ-USB device

