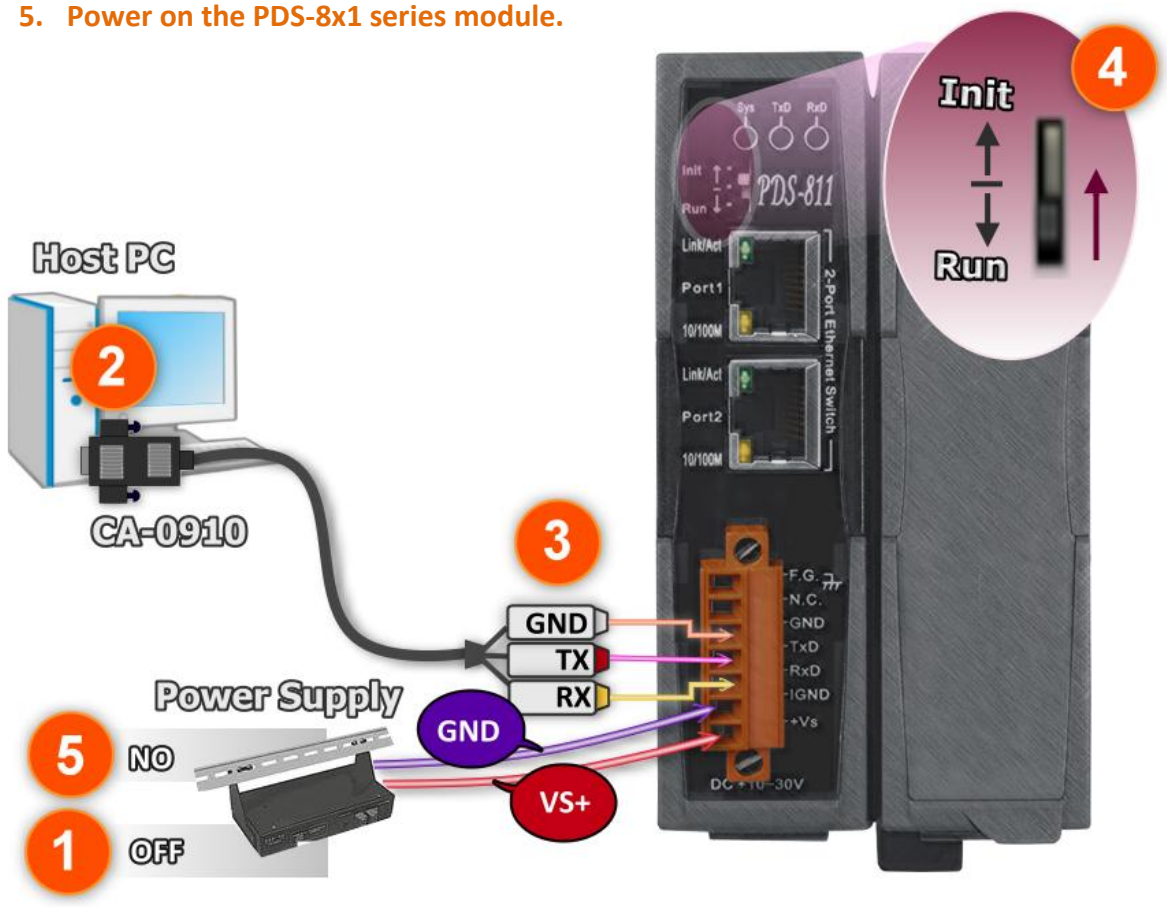
Q. How to Update the MiniOS7 and Firmware for PDS-8x1 Series Modules?

A: Follow the procedure described below to update the MiniOS7 and firmware for PDS-8x1 series modules:

Step 1: Before updating the firmware, please ensure that the PDS-8x1 series module is connected with your host computer. Refer to the following steps for the details.

1. **Power off the PDS-8x1 series module.**
2. **Connect the connector of CA-0910 download cable to your host computer.**
3. **Wire the CA-0910 to PDS-8x1 series module, as follows:**
   3-1: Connect the CA-0910.TX with PDS-8x1.TxD
   3-2: Connect the CA-0910.RX with PDS-8x1.RxD
   3-3: Connect the CA-0910.GND with PDS-8x1.GND
4. **Set the "Init/Run Switch" on the PDS-8x1 module to the in "Init Mode" position.**
5. **Power on the PDS-8x1 series module.**



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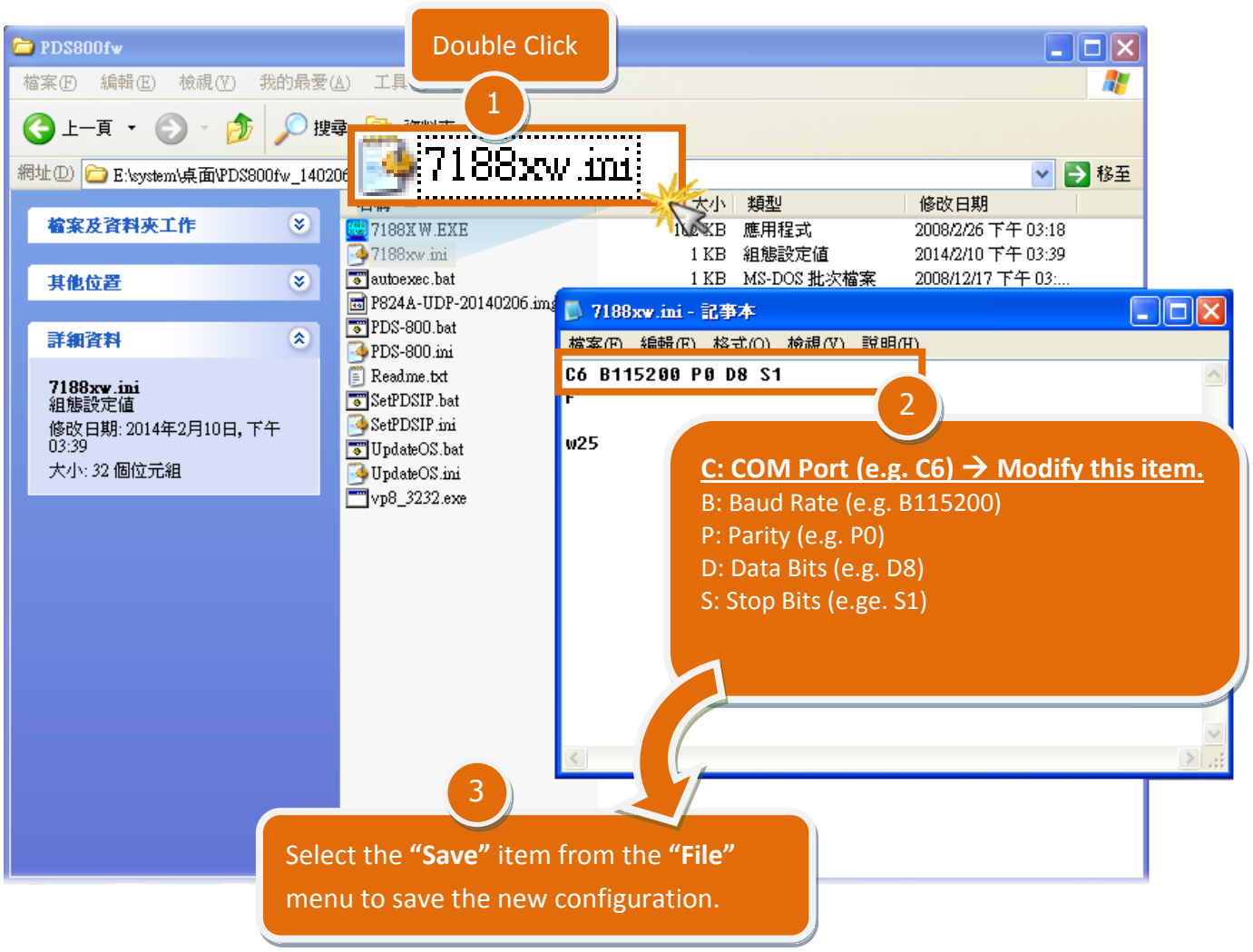
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Step 2: Download the Firmware File of PDS-8x1 series module and then decompress it to a temp folder, for example PDS800fw.

Download the Firmware File.

The PDS-8x1 MiniOS7 and firmware files are compressed in Zip format. You can decompress the zip file by 7-Zip, WinZip, WinRAR... utilities.

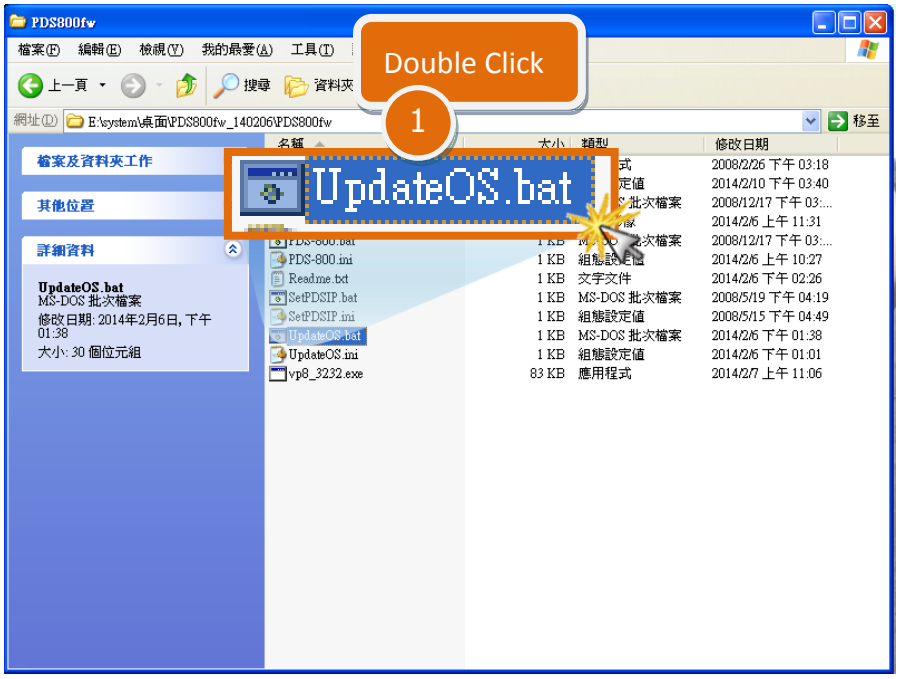
Step 3: Please modify COM Port number in **7188xw.ini** file, depend on your PC COM Port that connect to PDS-8x1 series module.
For example (first parameter of the line 1 in the 7188xw.ini):
COM1 ==> C1 B115200 P0 D8 S1
COM2 ==> C2 B115200 P0 D8 S1



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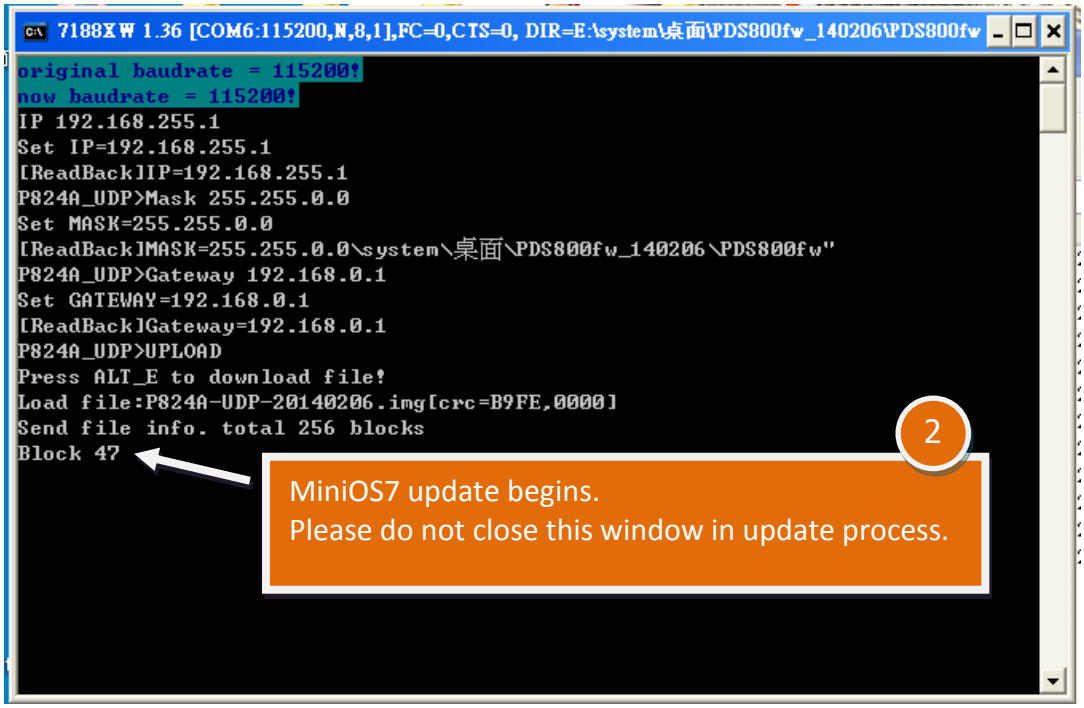
Step 4: Double click the **UpdateOS.bat** (on Windows XP/7/8) for starting **MiniOS7 update**.



Step 5: You are now ready to update the firmware. The **UpdateOS.bat** file will auto run the **7188XW.exe** utility program and shows the progress of the update.

Step 6: The **7188XW.exe** utility program will then upload the **MiniOS7 file (P824A-UDP-20140206.img)** into PDS-8x1 series module automatically.

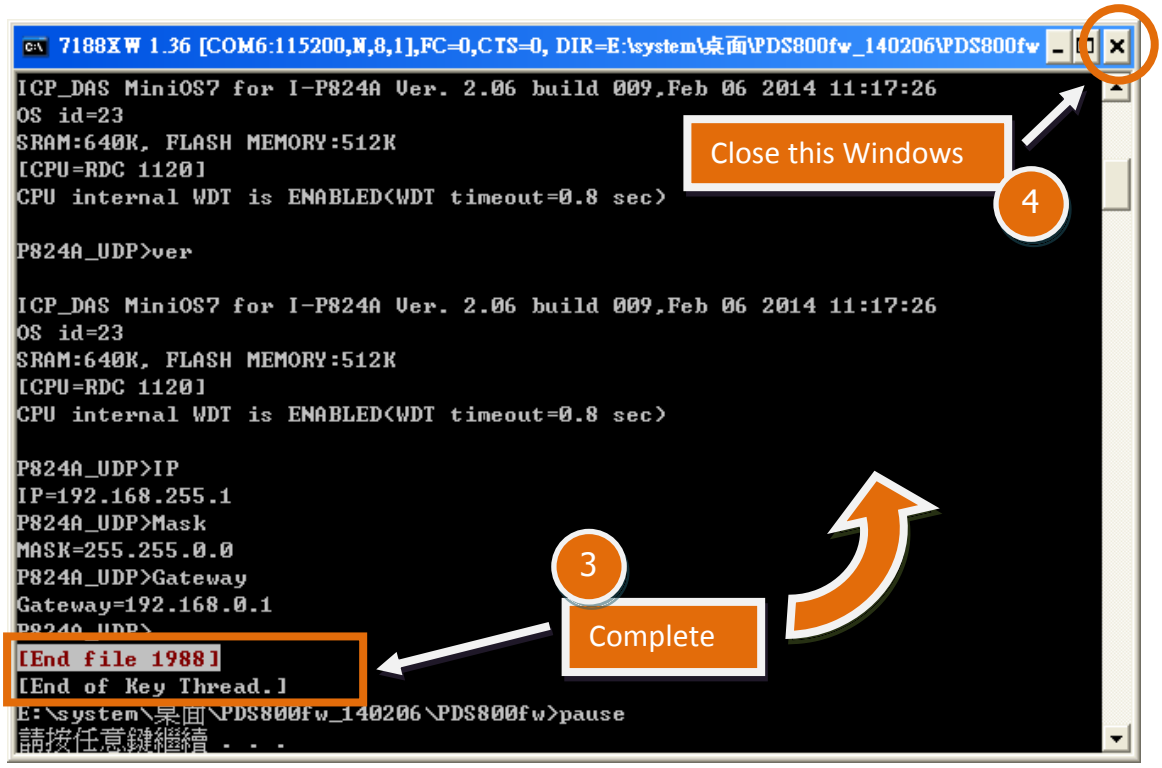
Note: Some more information are displayed out of the window, don't care.



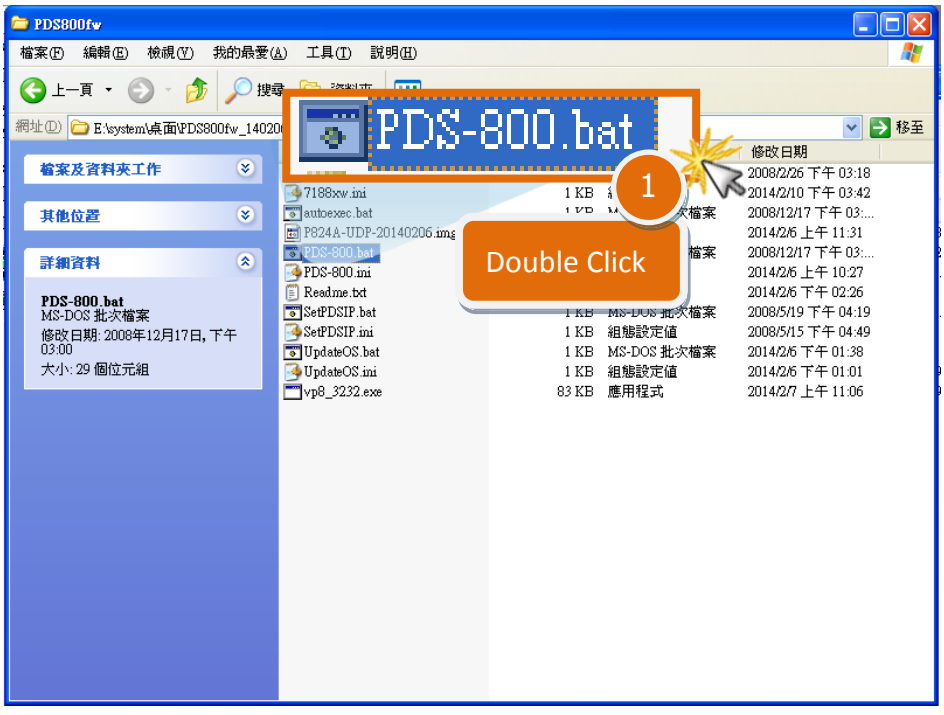
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Step 7: The MiniOS7 updated completed when display **[End file 1988]** and **[End of Key Thread.]** message. Then click the **"X"** icon on the right-top corner of the window to close it.



Step 8: Double click the **PDS-800.bat** (on Windows XP/7/8) for starting **firmware update**.



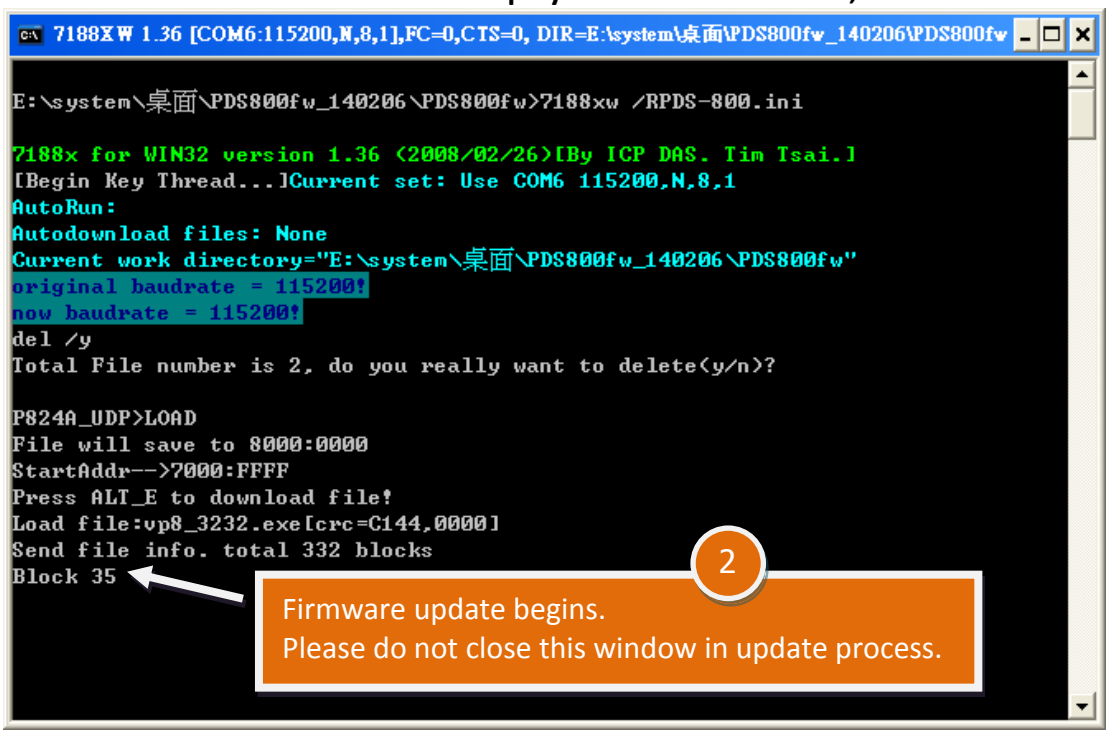
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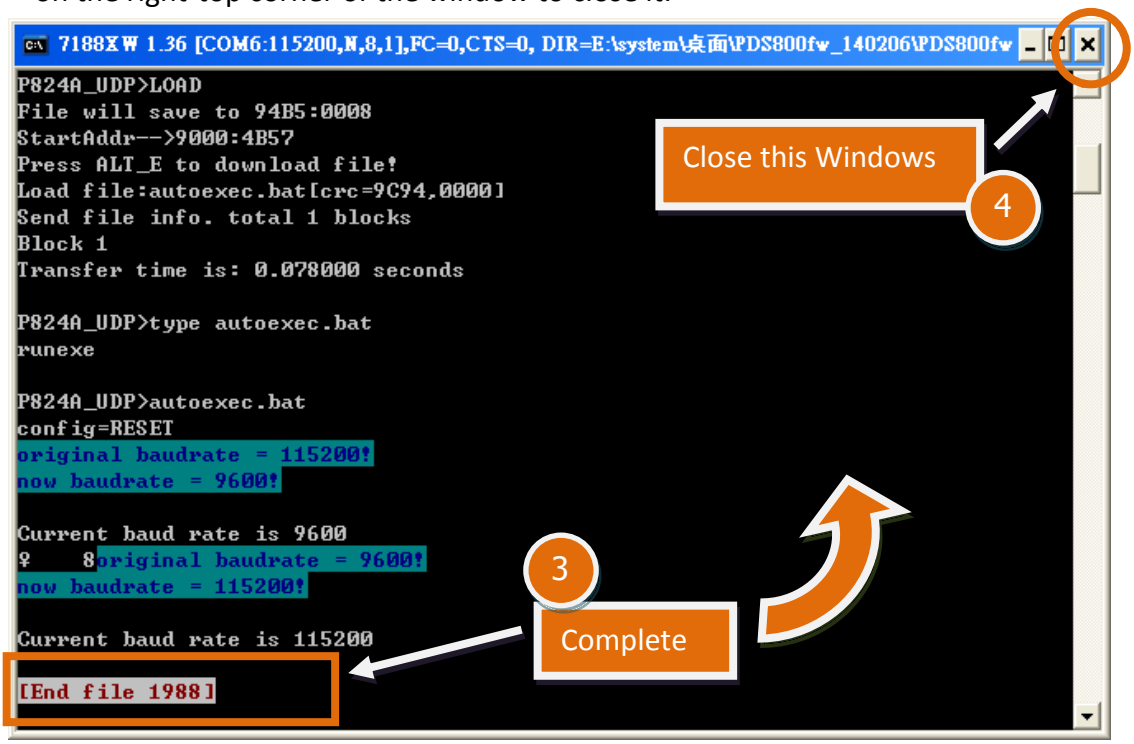
Step 9: You are now ready to update the firmware. The **PDS-800.bat** file will auto run the **7188XW.exe** utility program and shows the progress of the update.

Step 10: The **7188XW.exe** utility program will then upload the **firmware file (vp8_3232.exe)** into PDS-8x1 series module automatically.

Note: Some more information are displayed out of the window, don't care.



Step 11: The firmware updated completed when display **[End file 1988]** message. Then click the **"X"** icon on the right-top corner of the window to close it.



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Step 12: Set the **"Init/Run Switch"** of the PDS-8x1 module to the in **"Run Mode"** position.



Step 13: Reboot the PDS-8x1 module.

Complete

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