

This upgrading method used for below situations:

1. Cannot upgrade by SD Card.
2. The device cannot go to main desktop, and repeat in "Loading" or start up "Logo"
3. The process often terminated unexpectedly

Note:

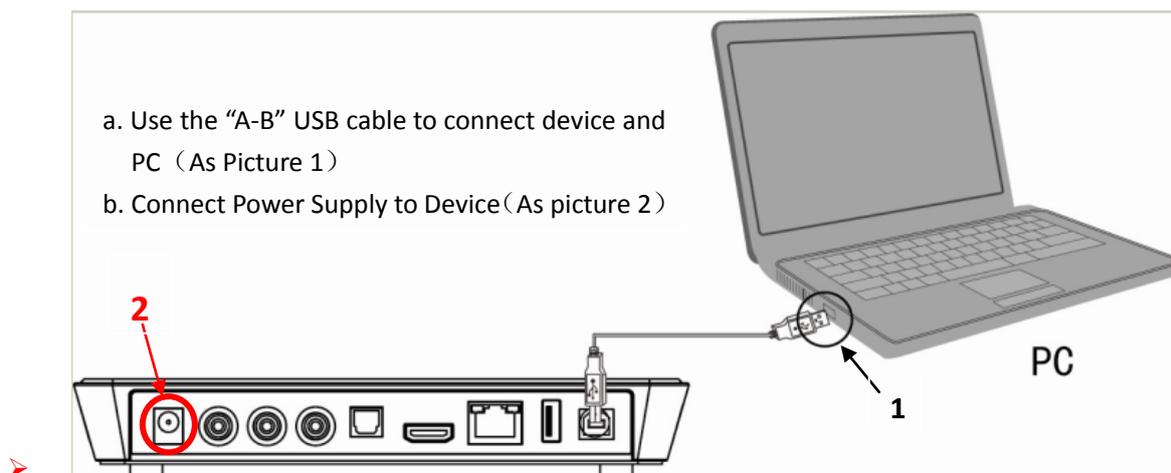
- Close the antivirus on PC, before you upgrade
- Back up your data in device, before upgrading, they will be deleted after upgrading
- If your windows system is not Chinese, please make sure the "Tool" is in the English directory.
- In Win7 and Vista system, you need to use the "Administrator" to run the "Tool"

Upgrading Guide

- **step one _Install the driver**
- **step two _Erase firmware**
- **step three _Erase IDB**
- **step four _Firmware burn**
- **step five _Release**

step one _Install the driver

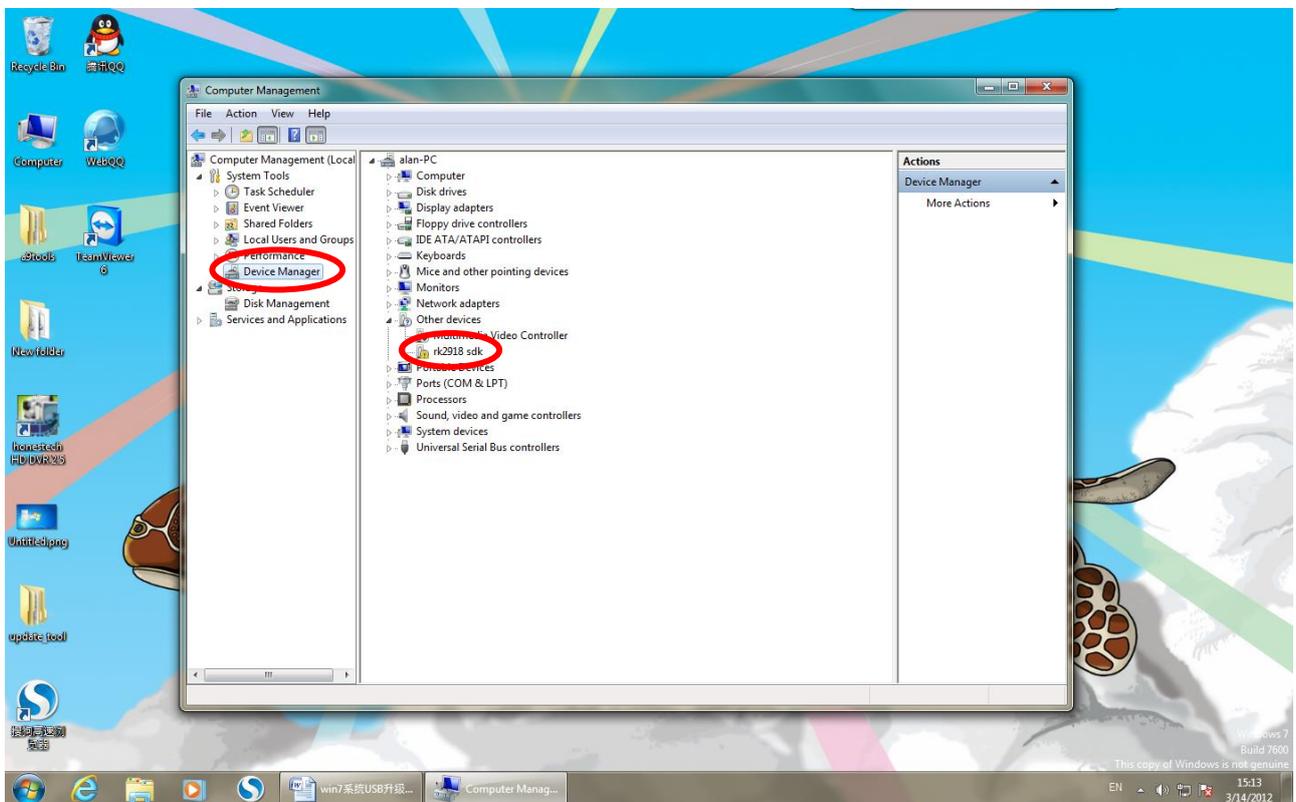
1、Install USB Driver 【If you have installed it before, you can start "step two"】



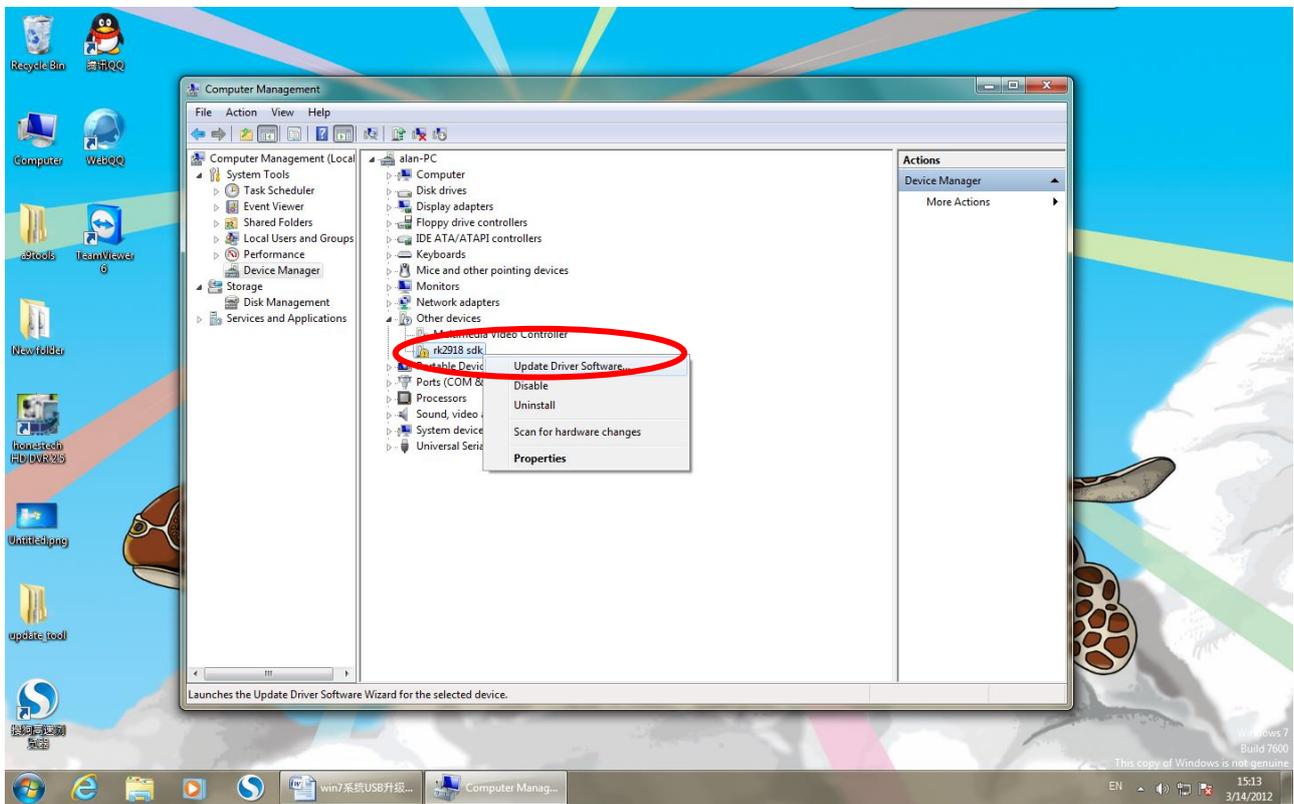
2. Right Click on “my computer” icon and Choose “manage”.



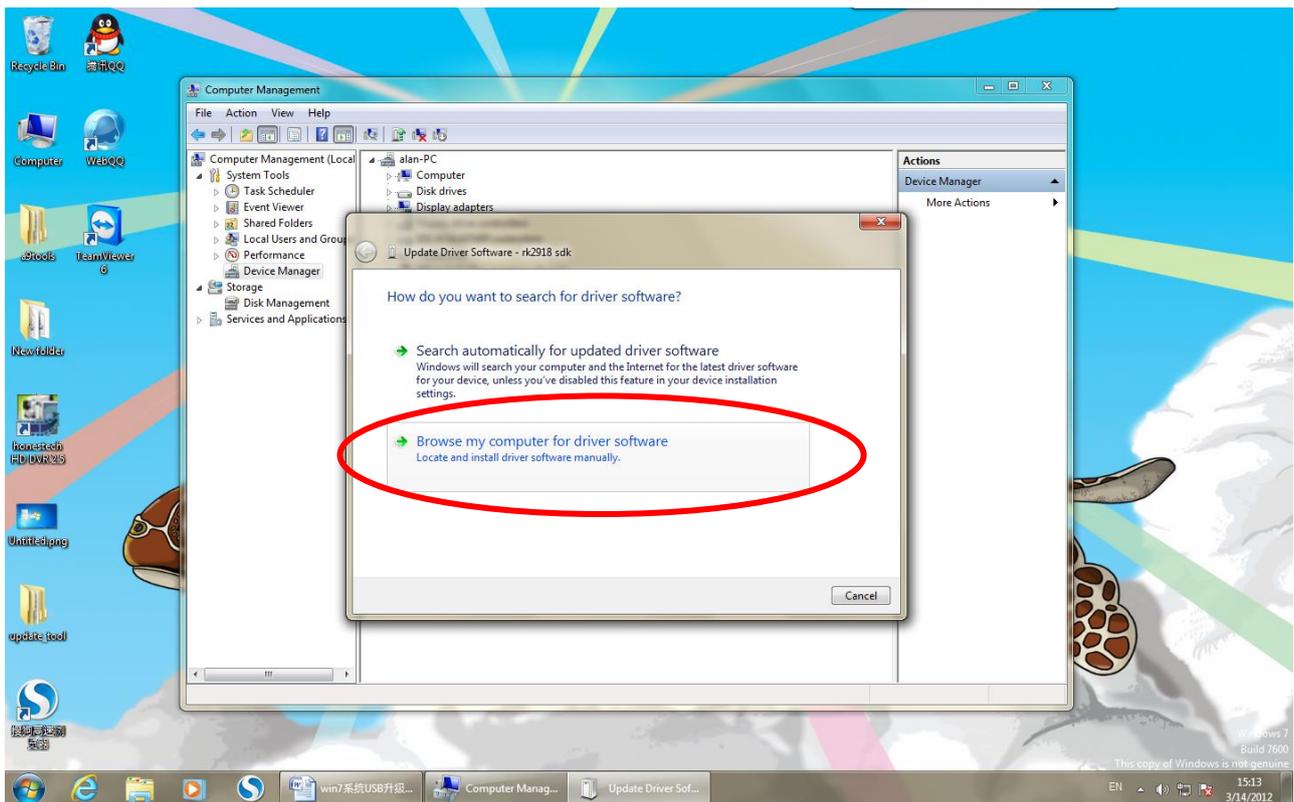
3. Choose Device Manager, and find “rk2918 sdk”



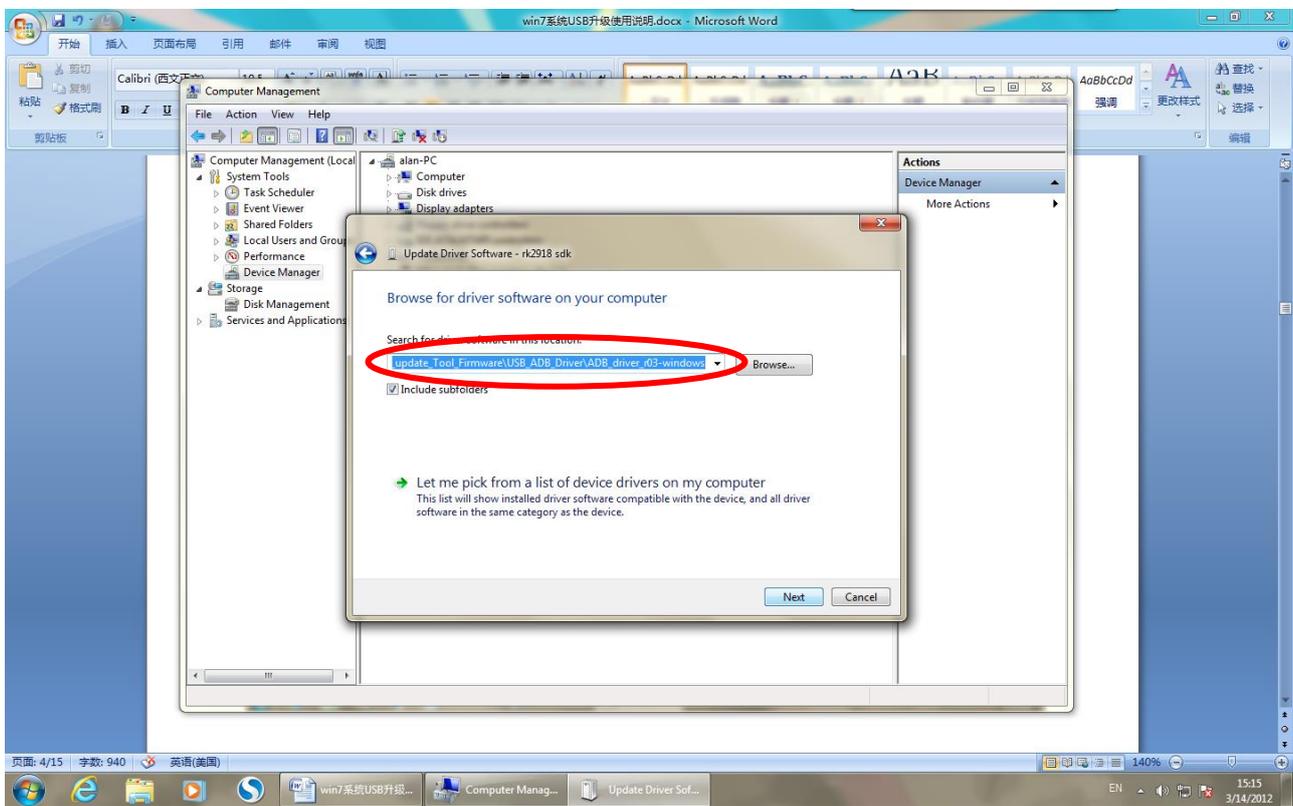
4. Right Click on “rk2918 sdk” and Choose “update driver software”



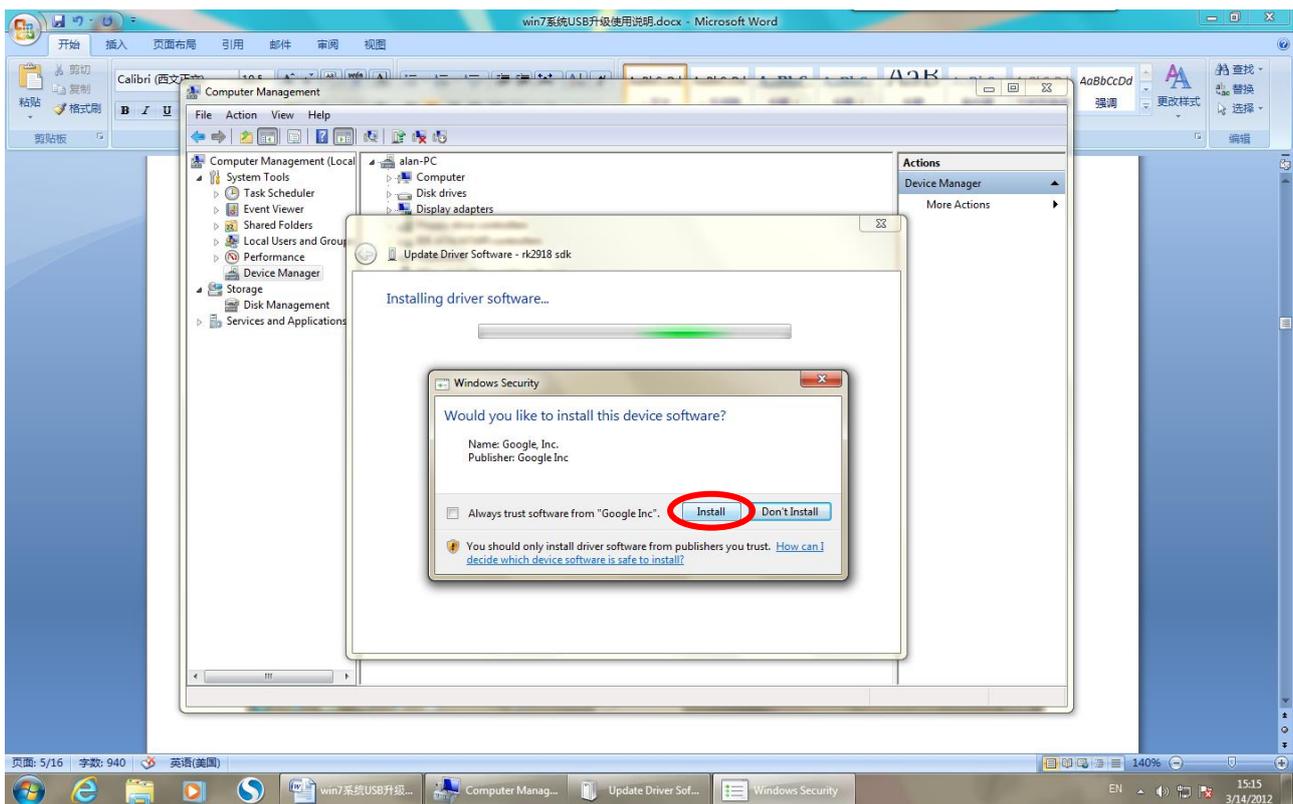
5. Choose "Browse my computer for driver software locate and install driver software manually."



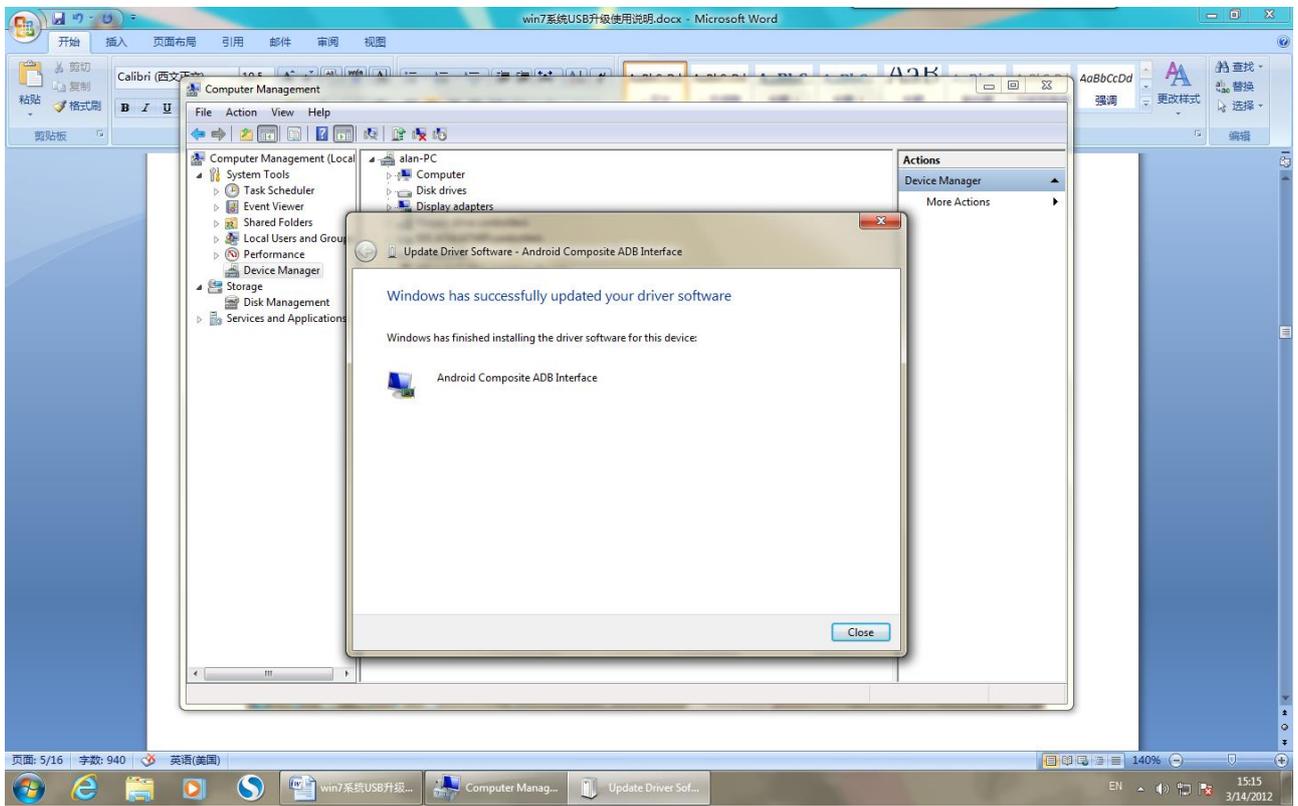
6. Choose the directory of the driver. Such as: "step one _Install the driver\ADB_driver_r03-windows"



7. Press "install"

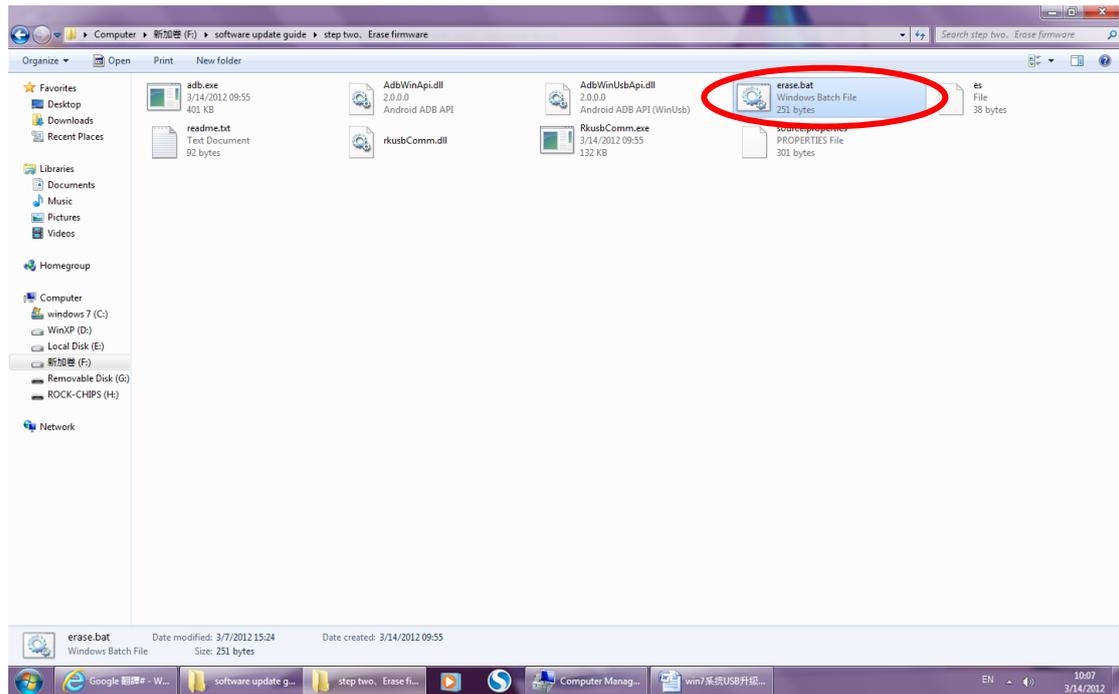


8. Finish installing driver, and start "step two"

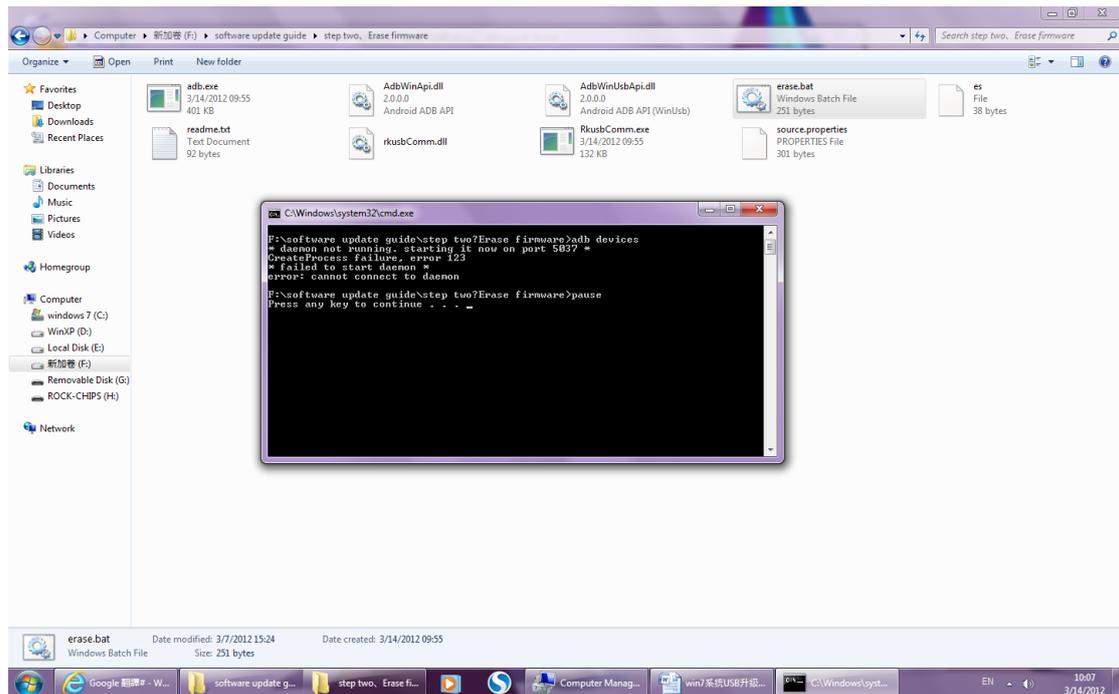


Step two、Erase firmware

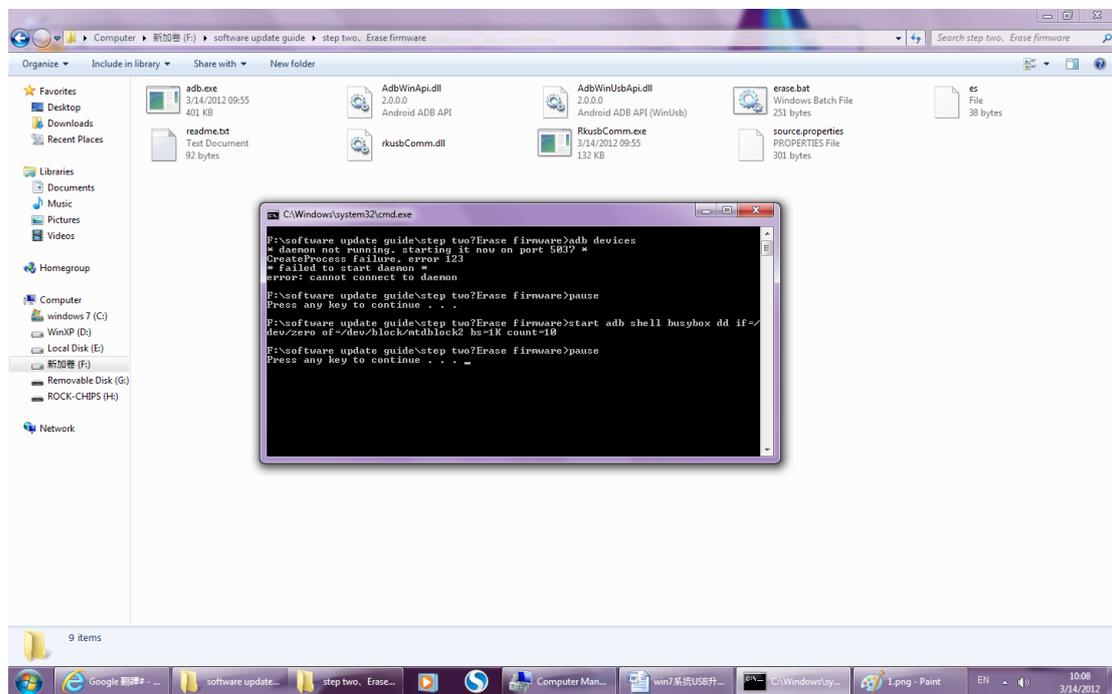
1. Run “erase.bat” in file 【step two_Erase firmware】



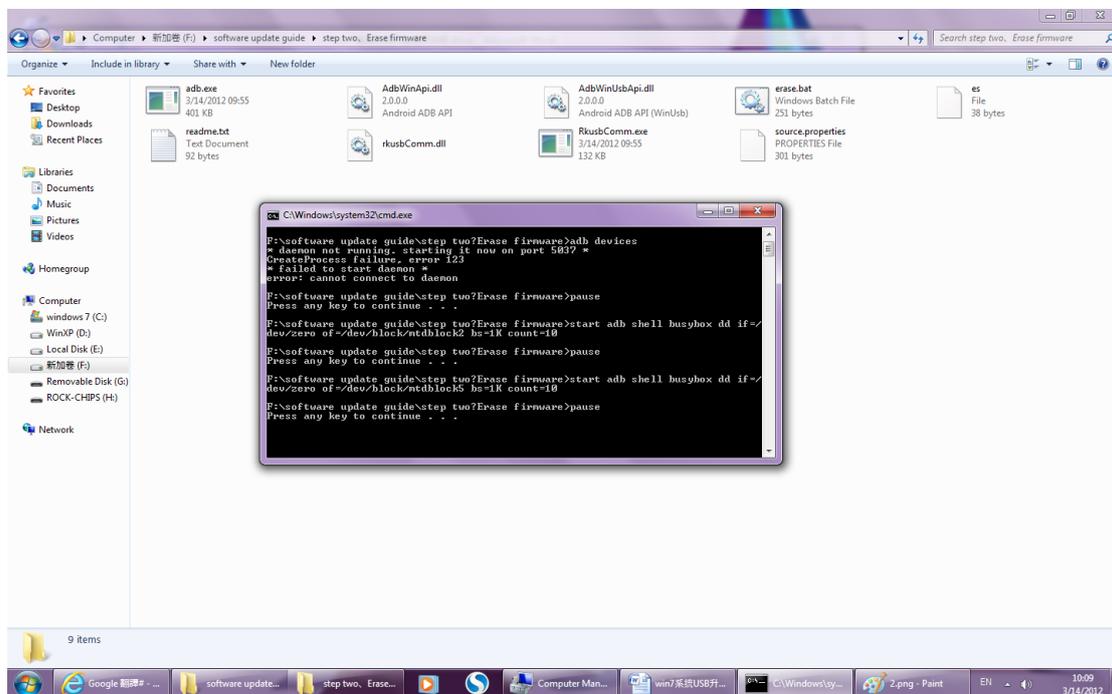
2. After Running, it likes the below picture:



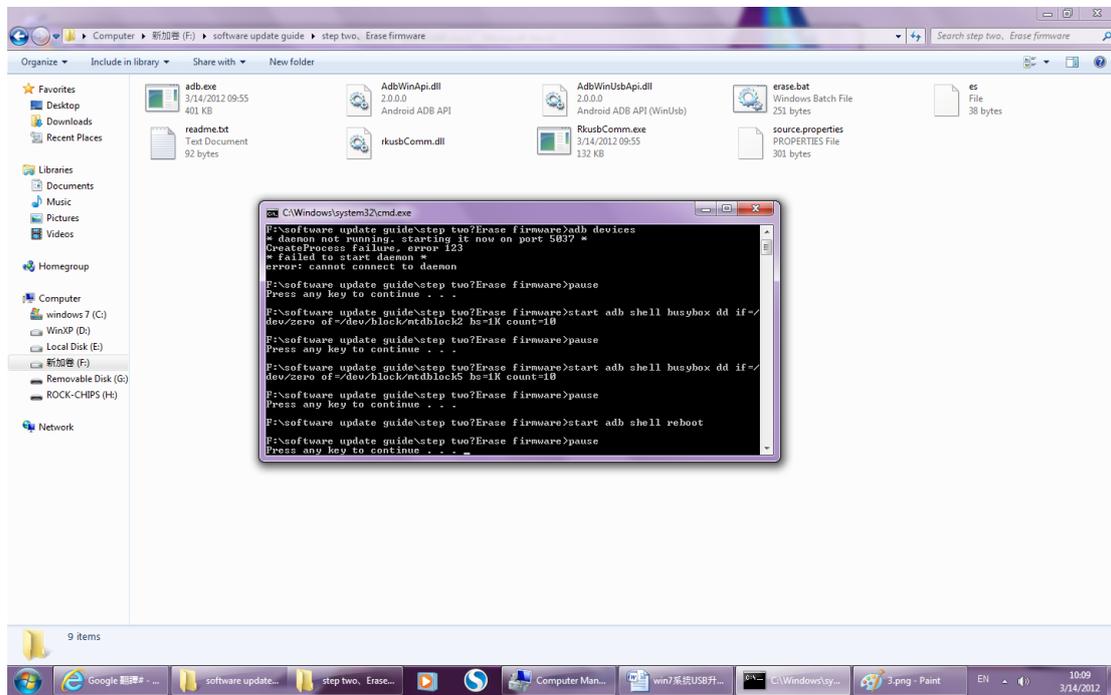
3. Press “Enter” once, it likes below picture(need to press 4 times):



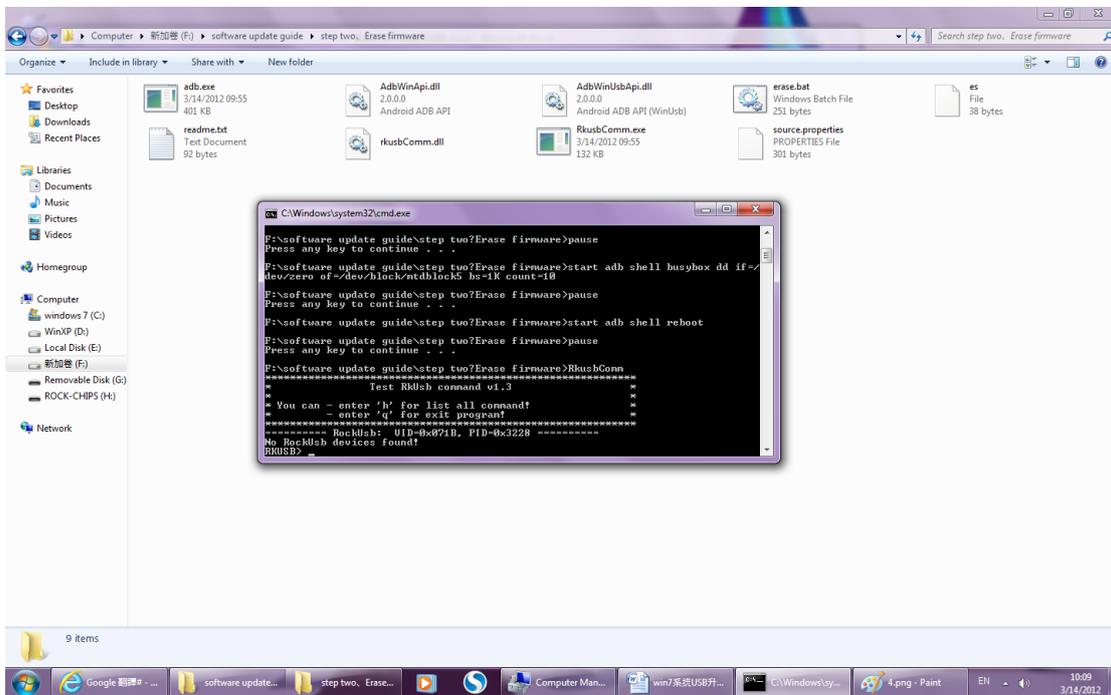
4. Press “Enter” again, it likes below picture:



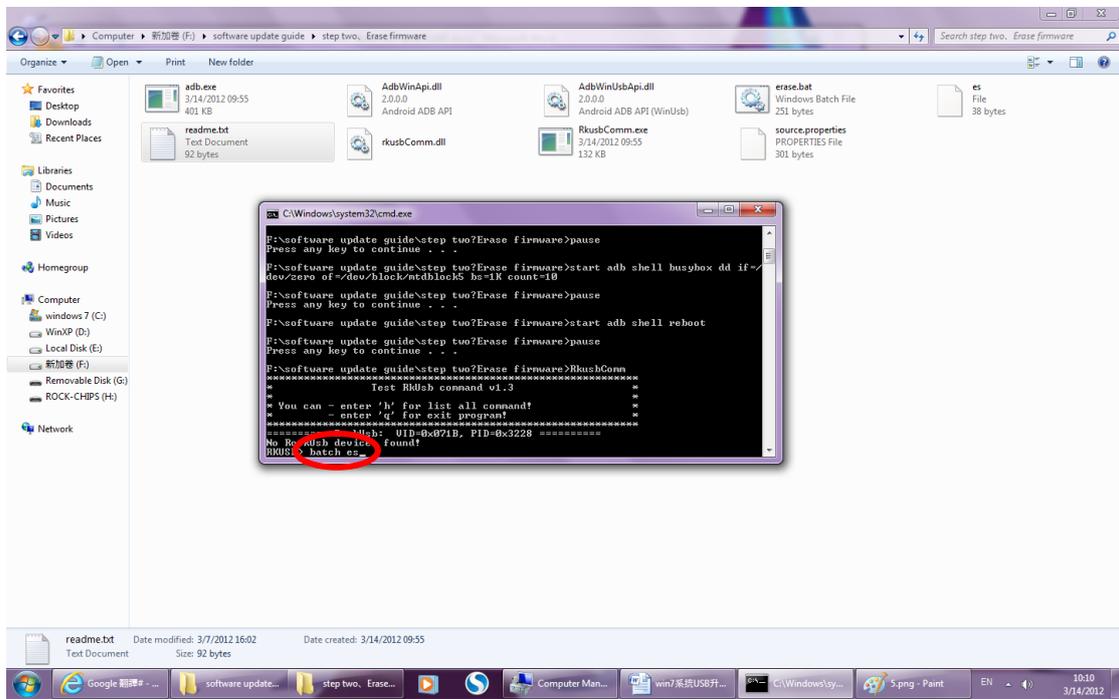
5. Press “Enter” thirdly:



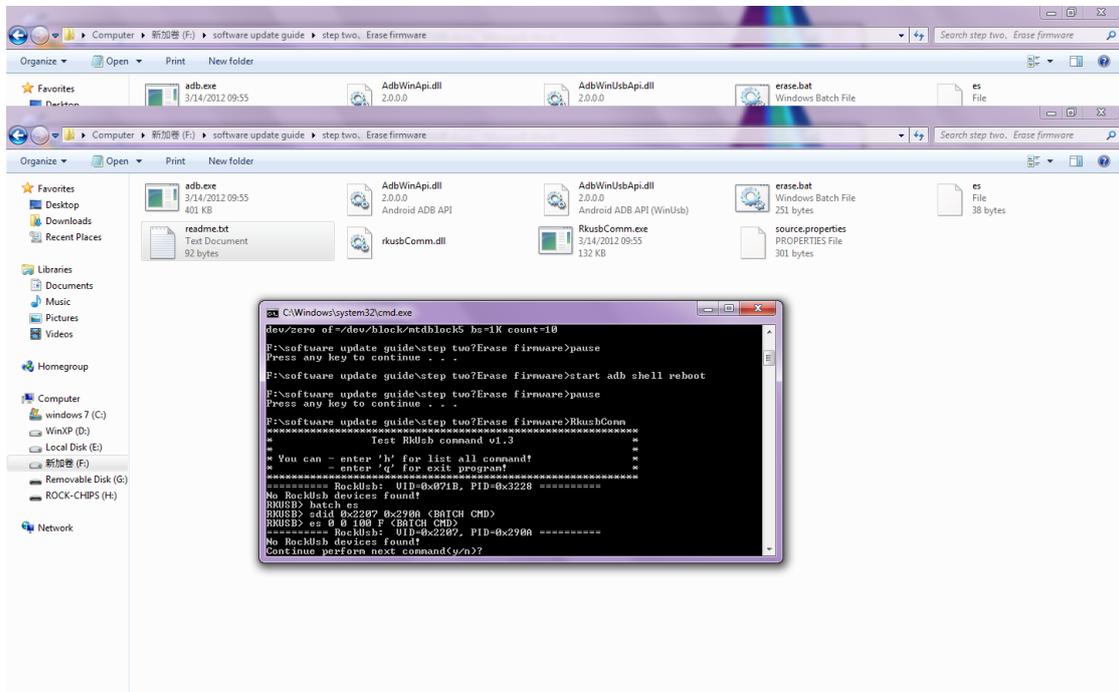
6. Press “Enter” fourthly:



7. Input “batch es” and Press “Enter”, it likes below picture:

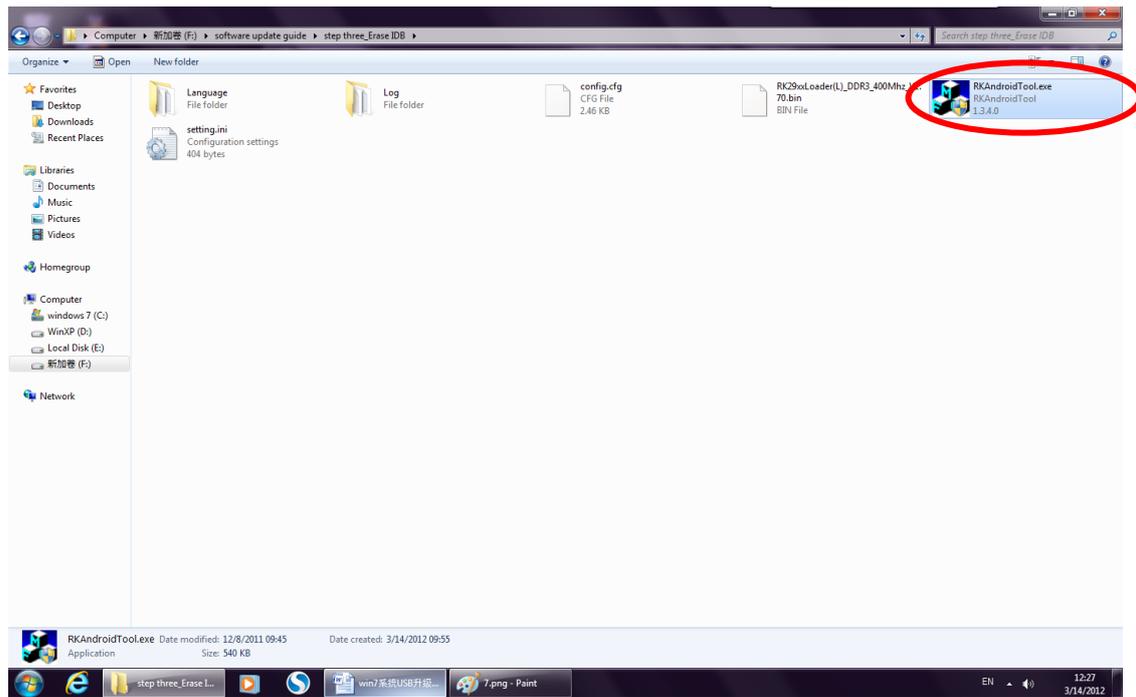


8. After above steps, you can close the window, and go to file: **【step three_Erase IDB】**



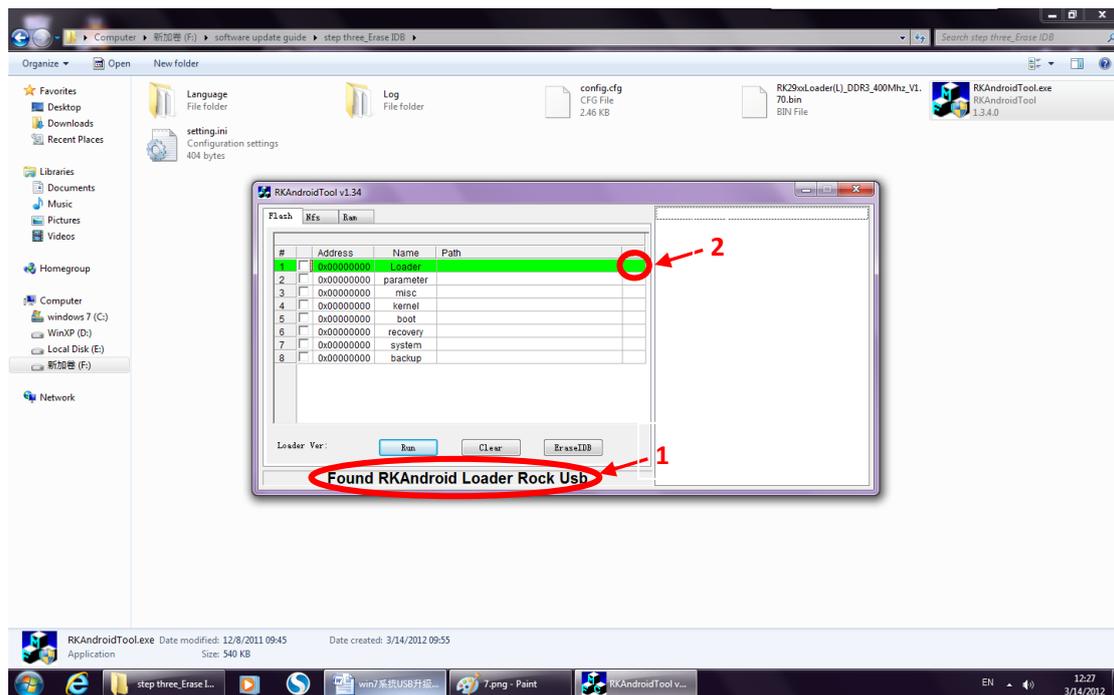
Step Three、Erase IDB

1. Go to file: **【step three_Erase IDB】** , and Run “RKAndroidTool.exe”

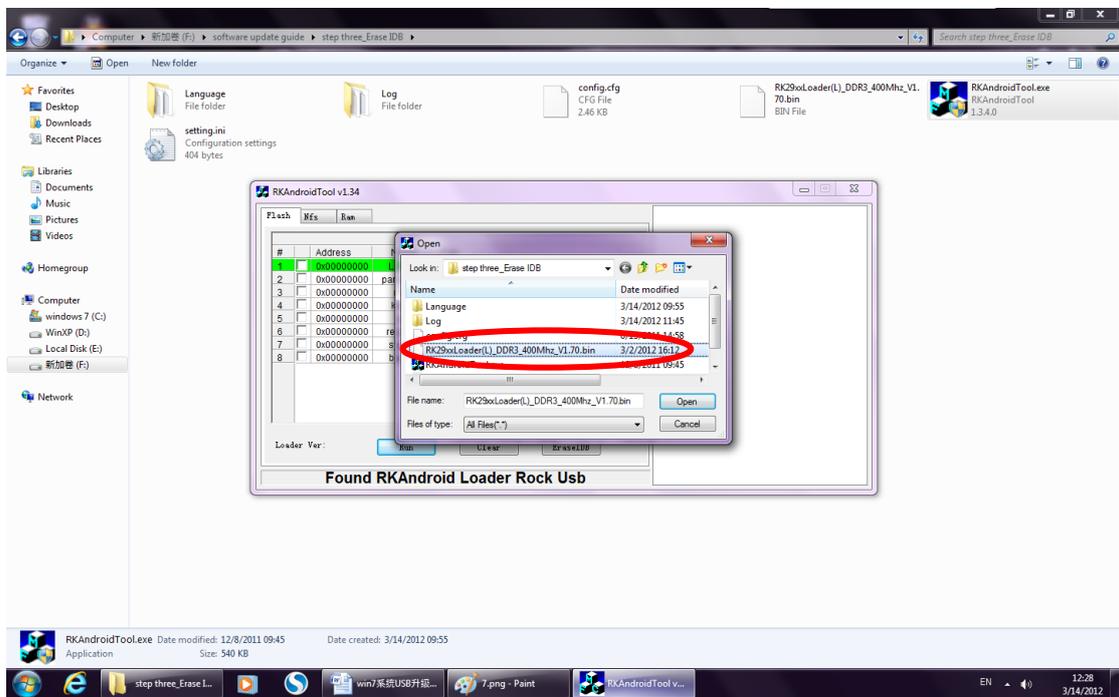


2. After Running, it likes below picture:

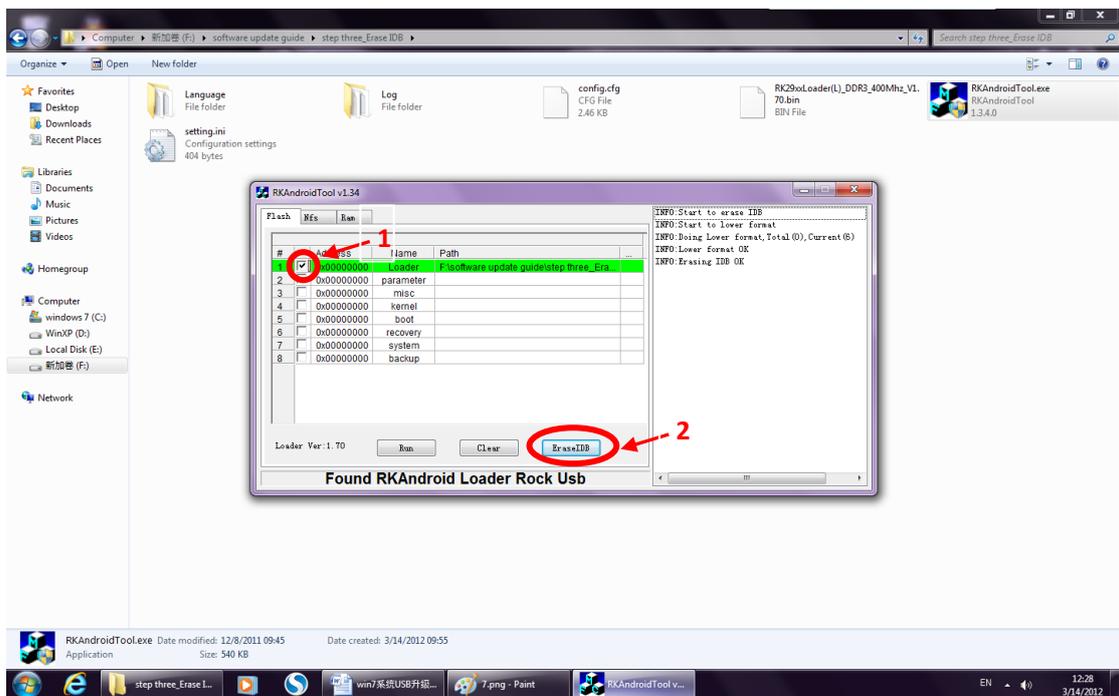
When you see “Found RKAndroid Loader Rock Usb”, please choose the first item in below picture.(there is a circle marked with number 2)



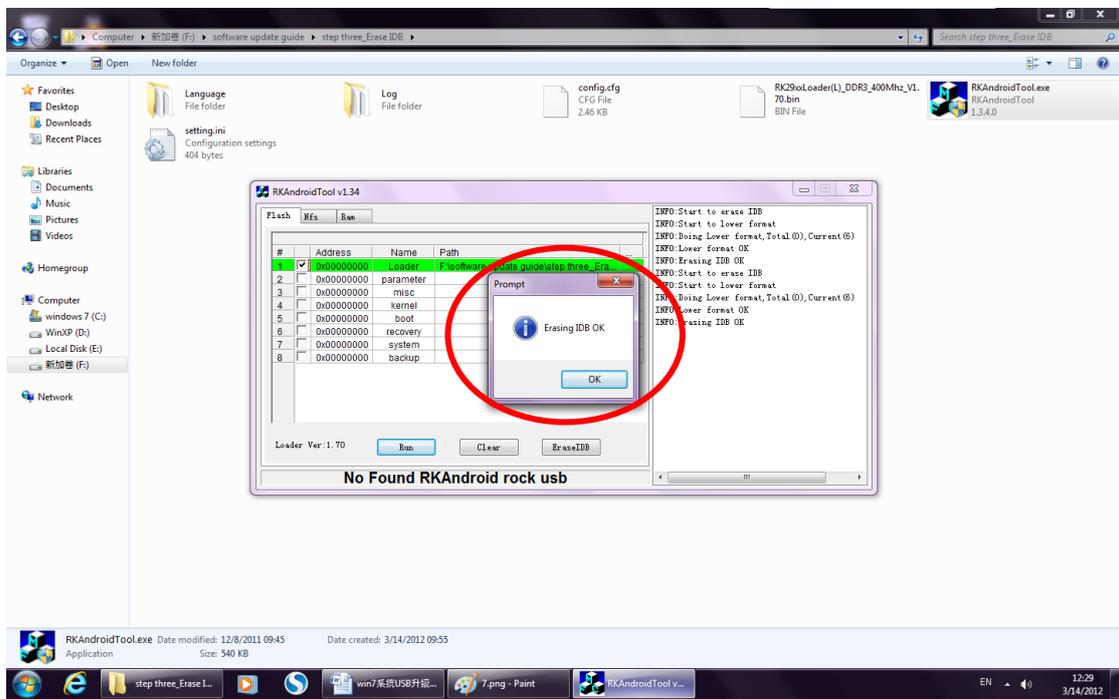
3. After you choose first item, you can see below picture and load the file: “RK29xxLoader(L)_DDR3_400Mhz_V1.70.bin”



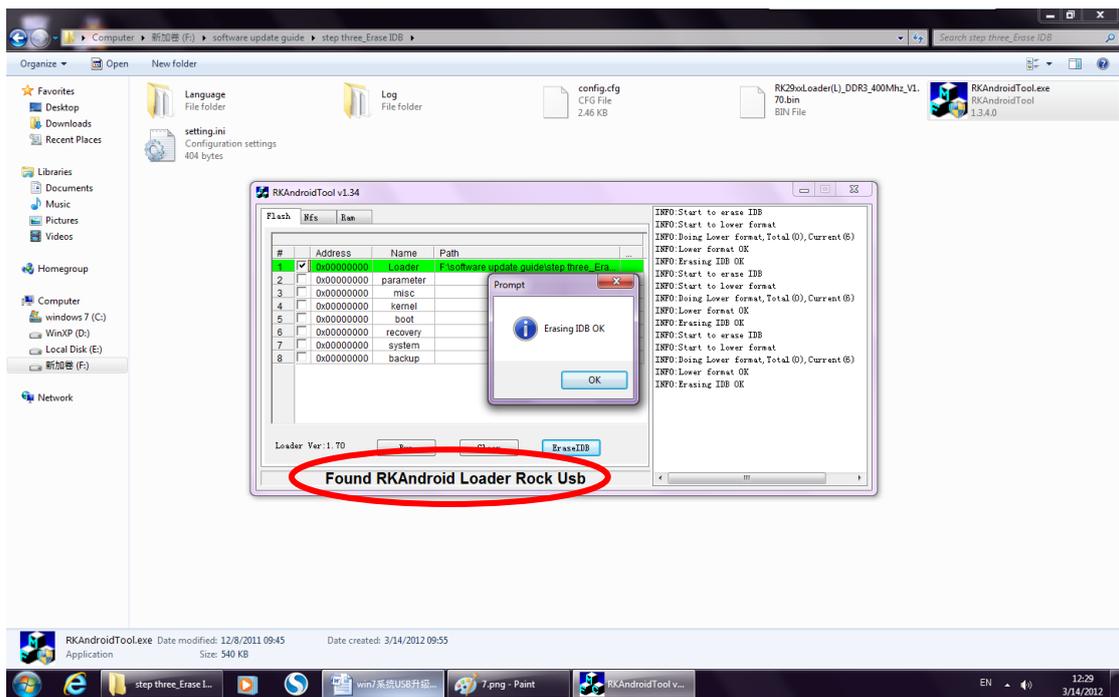
4. After you load the file: "RK29xxLoader(L)_DDR3_400Mhz_V1.70.bin", please choose the first item again(there is a circle marked with number 1), then please press "EraseIDB"



5. If you finish erasing IDB, it likes below picture(also you can see "Not found RKAndroid Loader Rock Usb"):

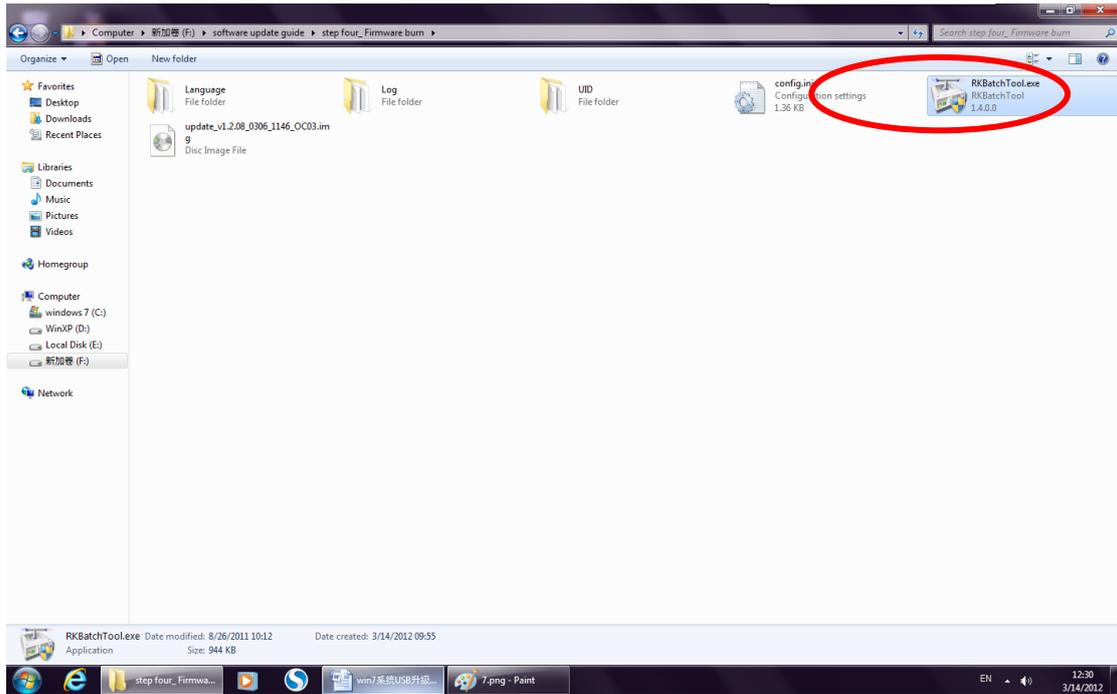


6. When "Not found RKAndroid Loader Rock Usb" changes to "Found RKAndroid Loader Rock Usb", please press "EraseIDB" one time again.



Step Four、Firmware burn

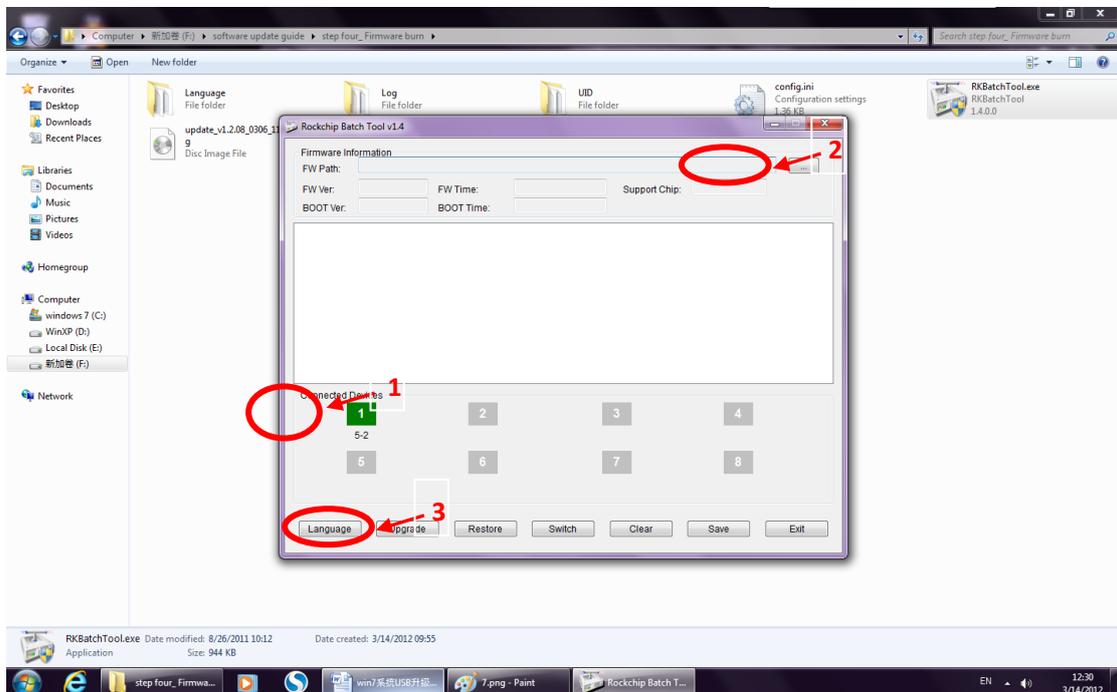
1. Run the tool "RKBatchTool.exe" in file 【step four_ Firmware burn】



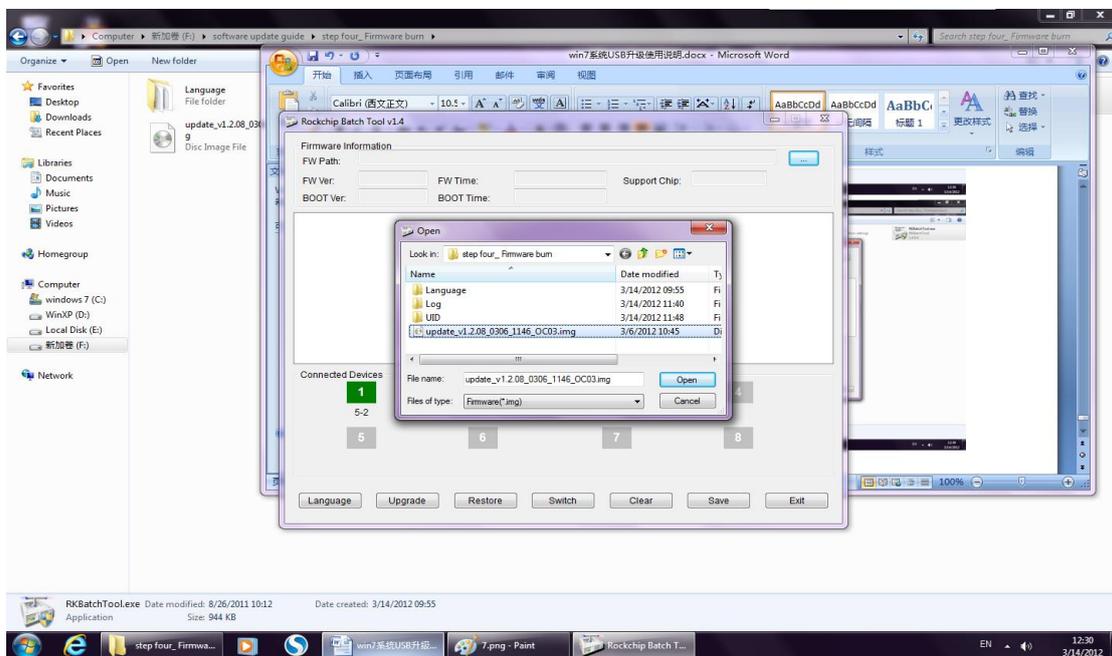
2. After you Run the tool, it likes below picture:

Note:

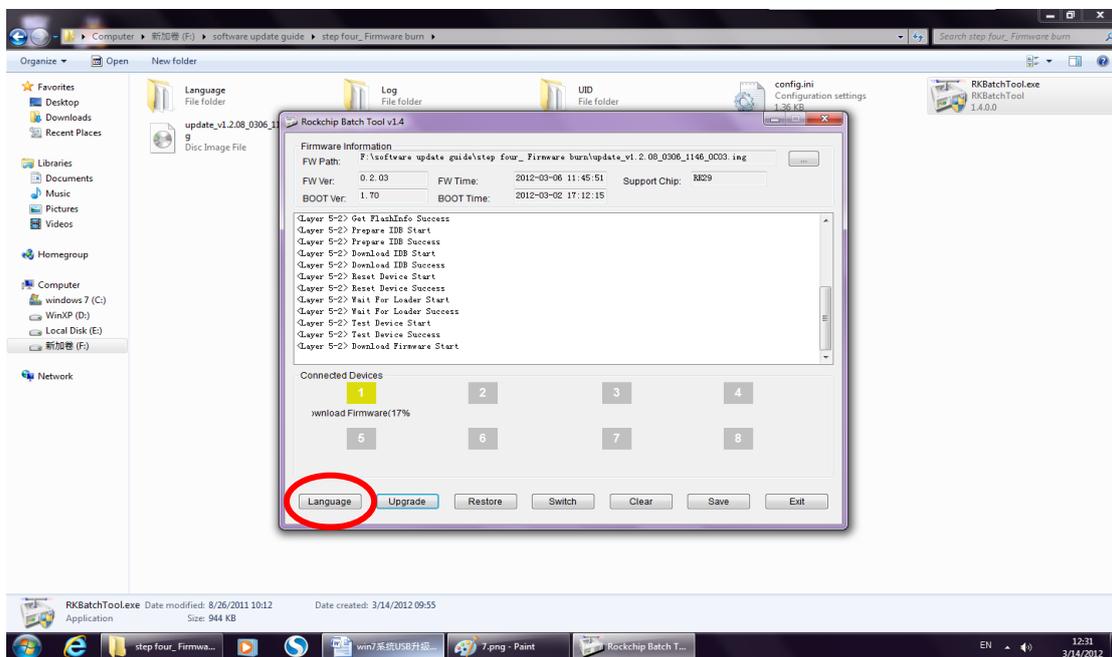
- a. If the device connected with PC, the position in circle 1 is Green Color
- b. you can press Circle 2 to Browse the firmware
- c. When the device is upgrading, the circle 1 changes to Yellow and flash



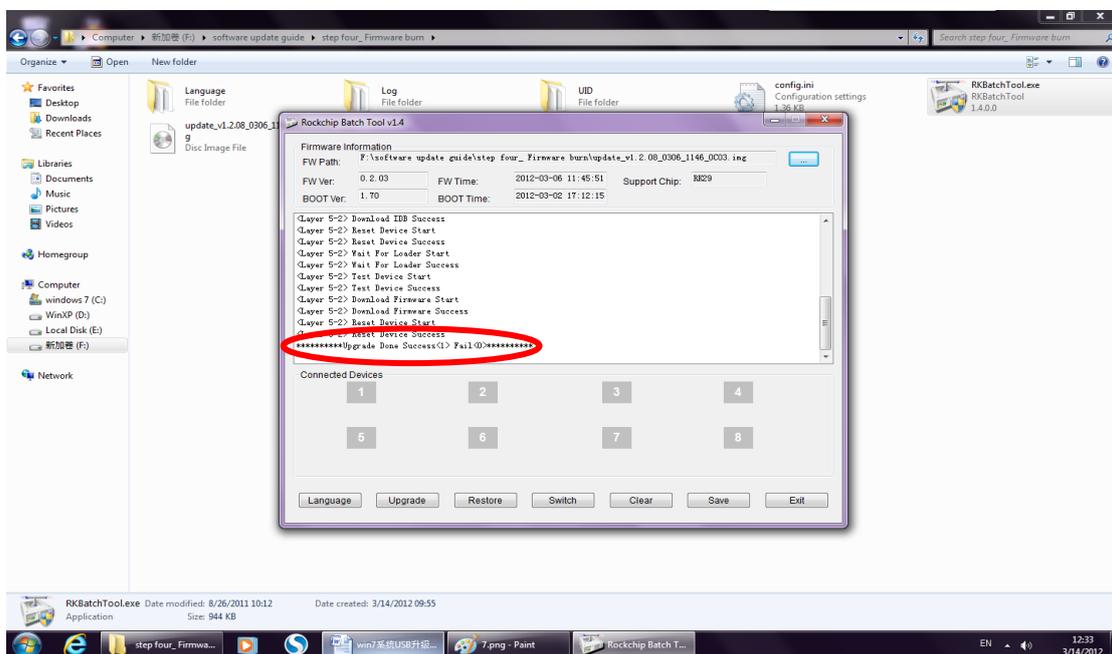
3. Please Circle 2 to Browse the firmware, the firmware is in file: 【step four_ Install Firmware】 , named "update_v1.2.08_0302_1817_EU75_DDR433.img"



4. After you load the firmware, you can press “upgrade” to start upgrading.

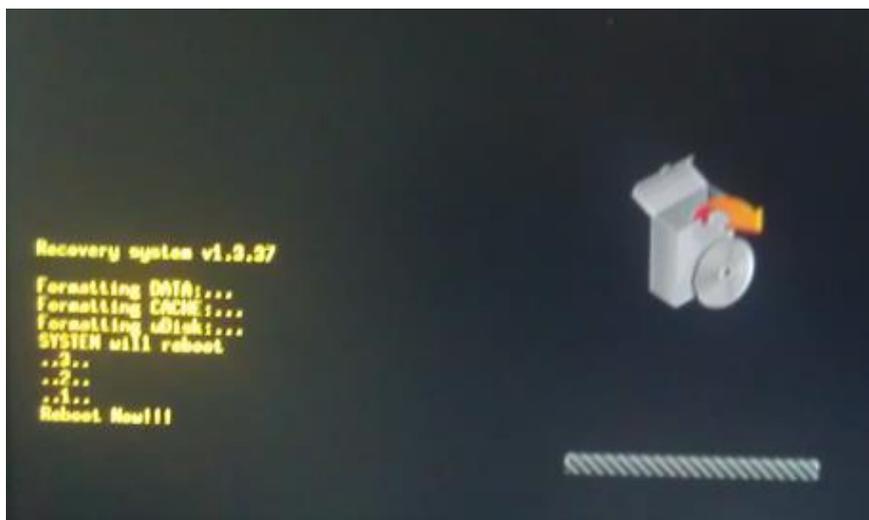


5. In process of upgrading, the Yellow light is flashing, it likes below picture:



Step Five、Release Firmware

1. After you finish upgrading, please connect the device with TV set to release firmware. (After upgrading, you also can wait 2 to 3 minutes to release firmware then connect to TV to check)
Below is the picture of releasing firmware, then it will reboot:



2. Reboot and go to main desktop:



Upgrading Finish!