

Firmware Upgrade Instructions

Hardware Connection:

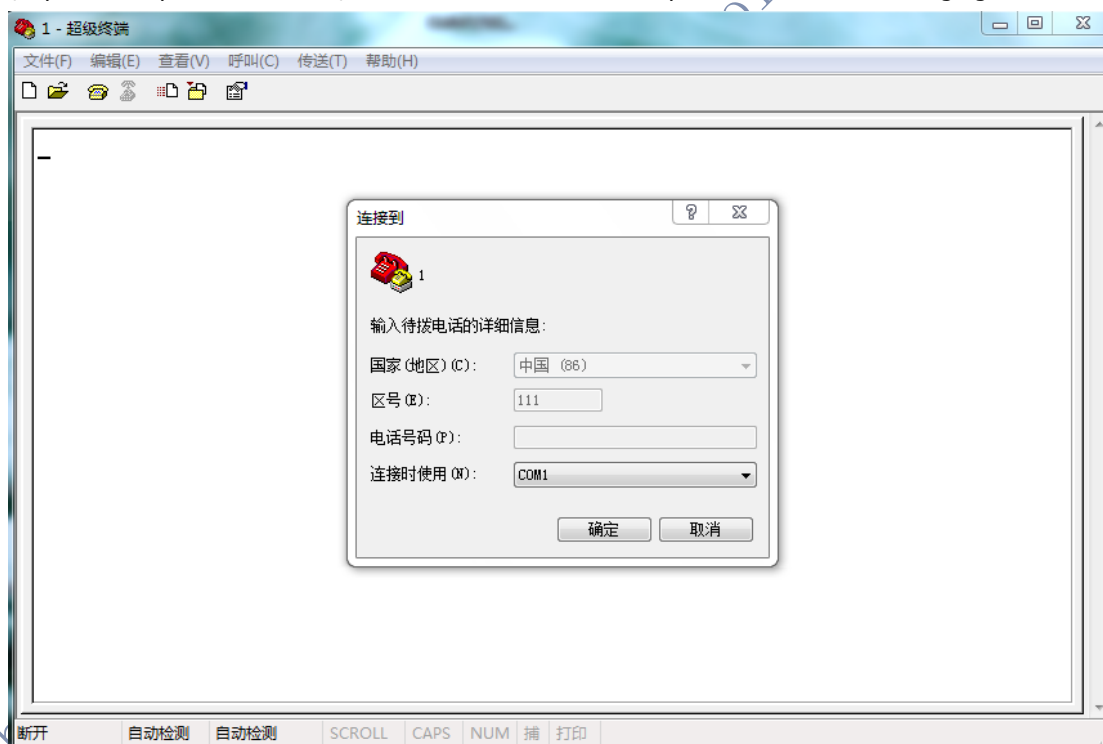
After power on the module, it will detect the boot and the status of current signal, based on the current signal into different working mode.

Boot	Status	Working mode
0	0	Production test mode(MFG)
0	1	firmware update mode
1	0	Command control mode(EMSP)
1	1	DTU mode

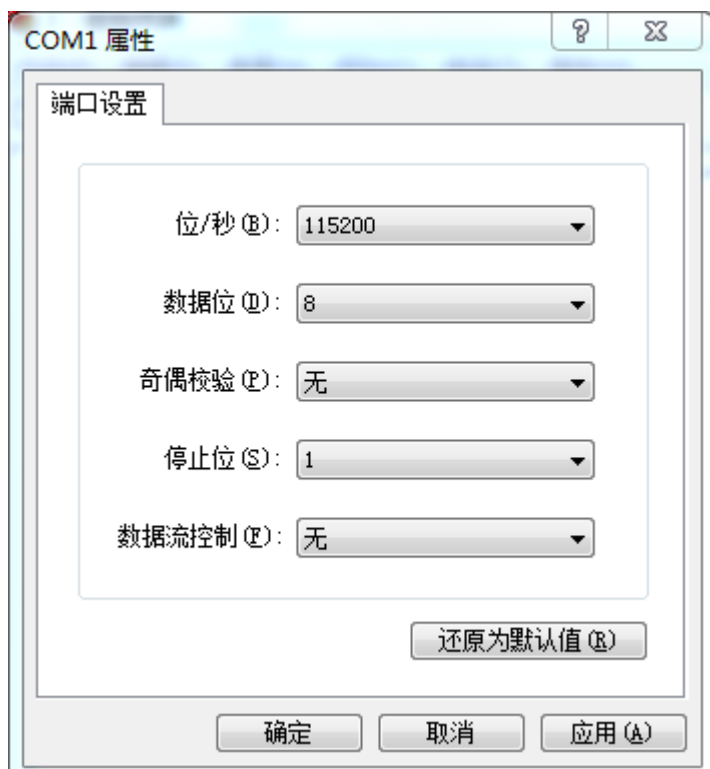
In the boot mode, need to pull the boot is low, the rest of the default high level switch, the module has the function of the firmware update.

Update steps are as follows:

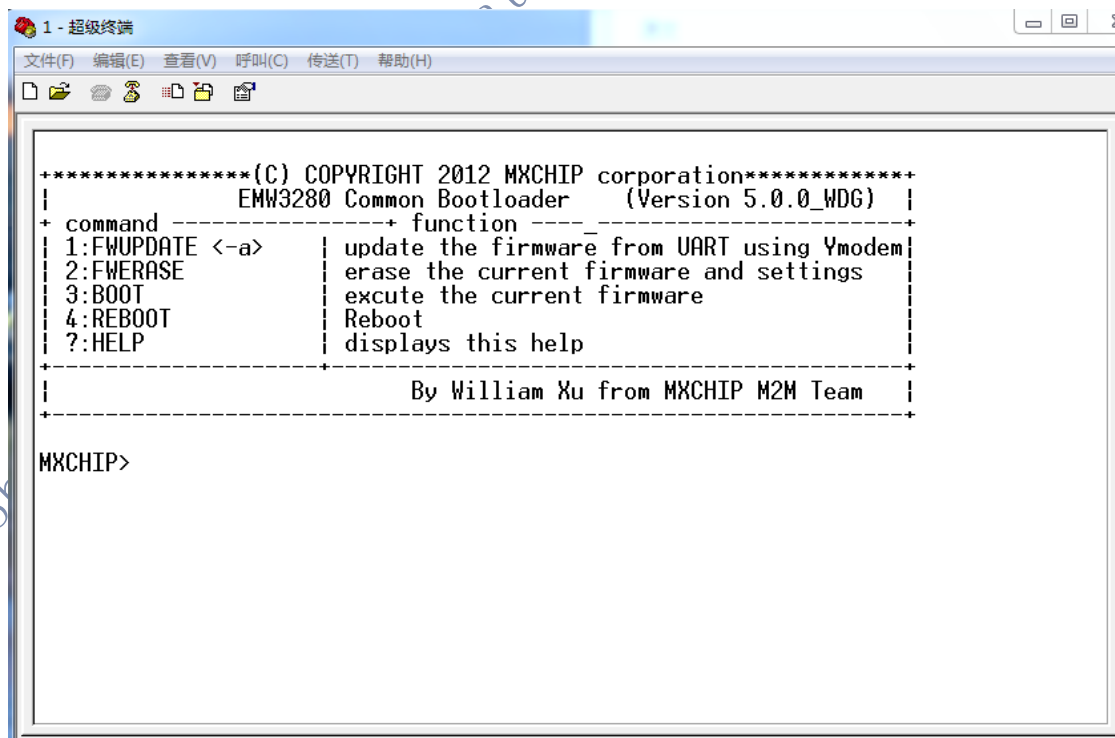
1, Open the Super Terminal tool, select the current connection port module. The following figure



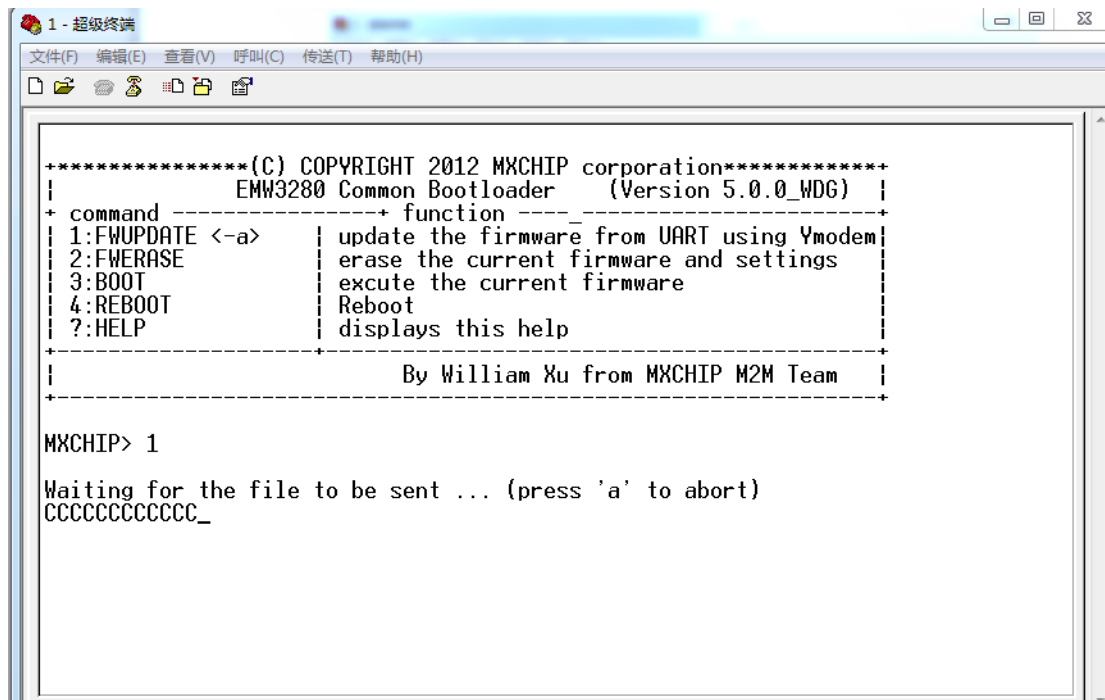
2, Set properties of PC COM port, include baudrate to 115200, data_length to 8 bits, no data flow control, as follows.



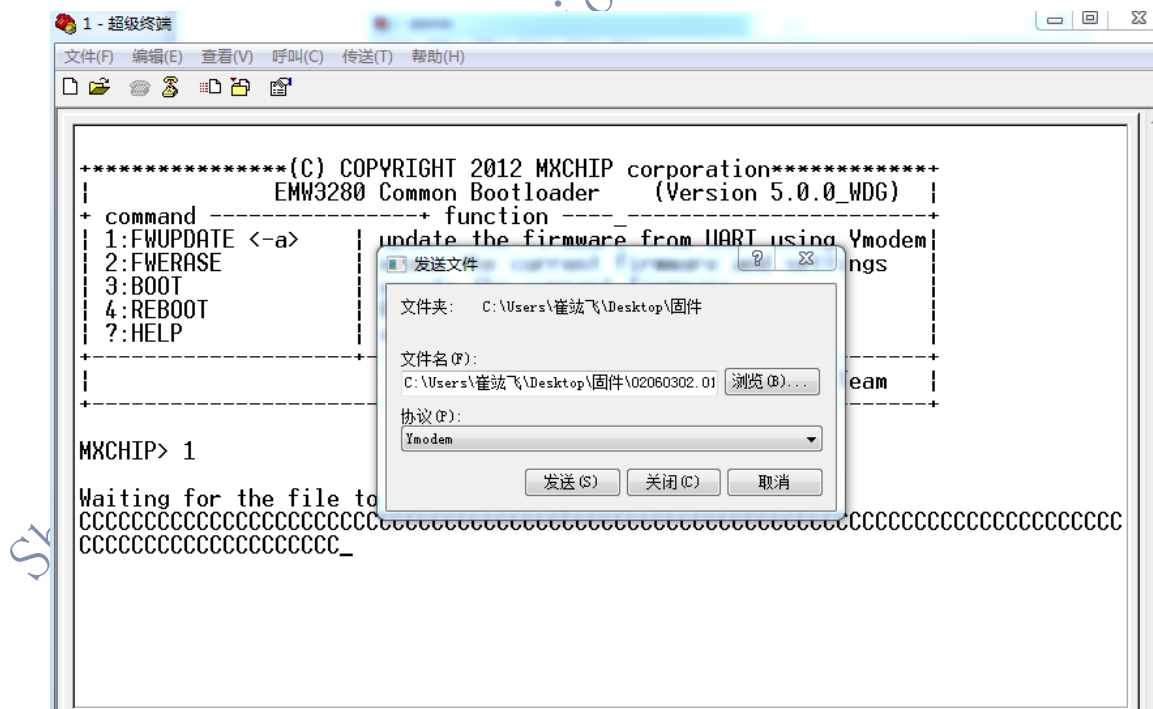
3, Click ok button, and click the development module reset button, you can see the module red LED lights up, the green LED lights flashing three times every 5 seconds, at the same time, the super terminal display as follows.



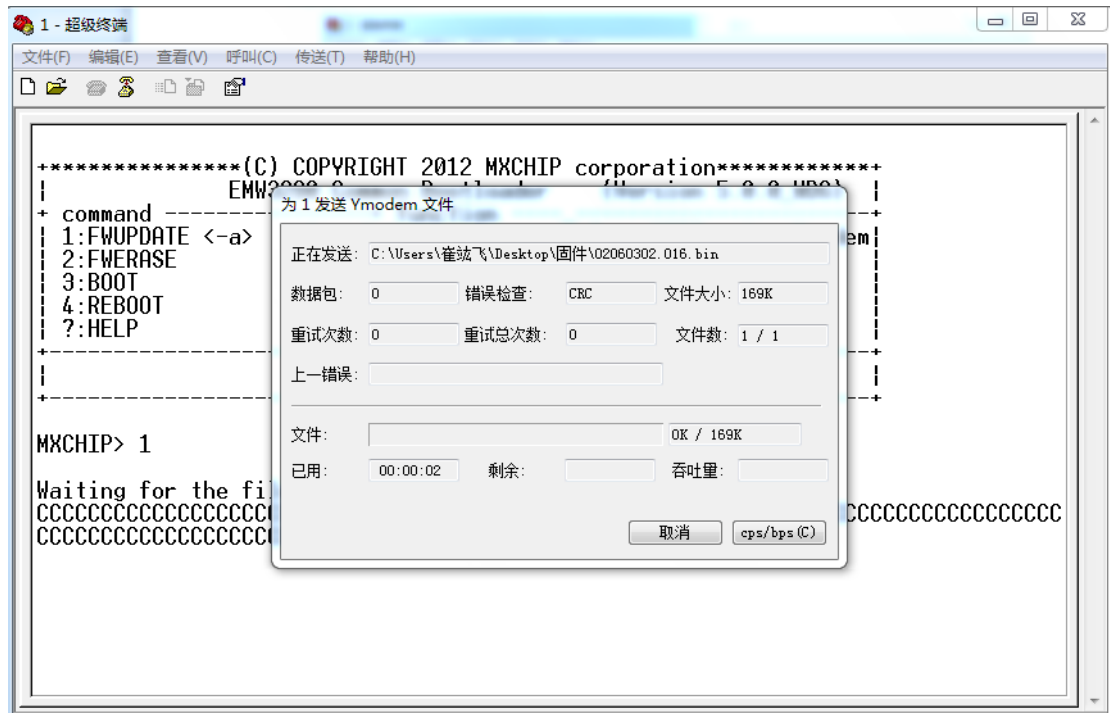
4, The input field to write the number 1, enter the FWUPDATE mode, can appear the following interface



5, Click the send button interface properties of upper column, enter the firmware transmission interface



6, Select the module firmware and will change for Ymedem agreement and click on the send button.



7, If firewame update success will appear the following interface, otherwise please test the steps above is correct

