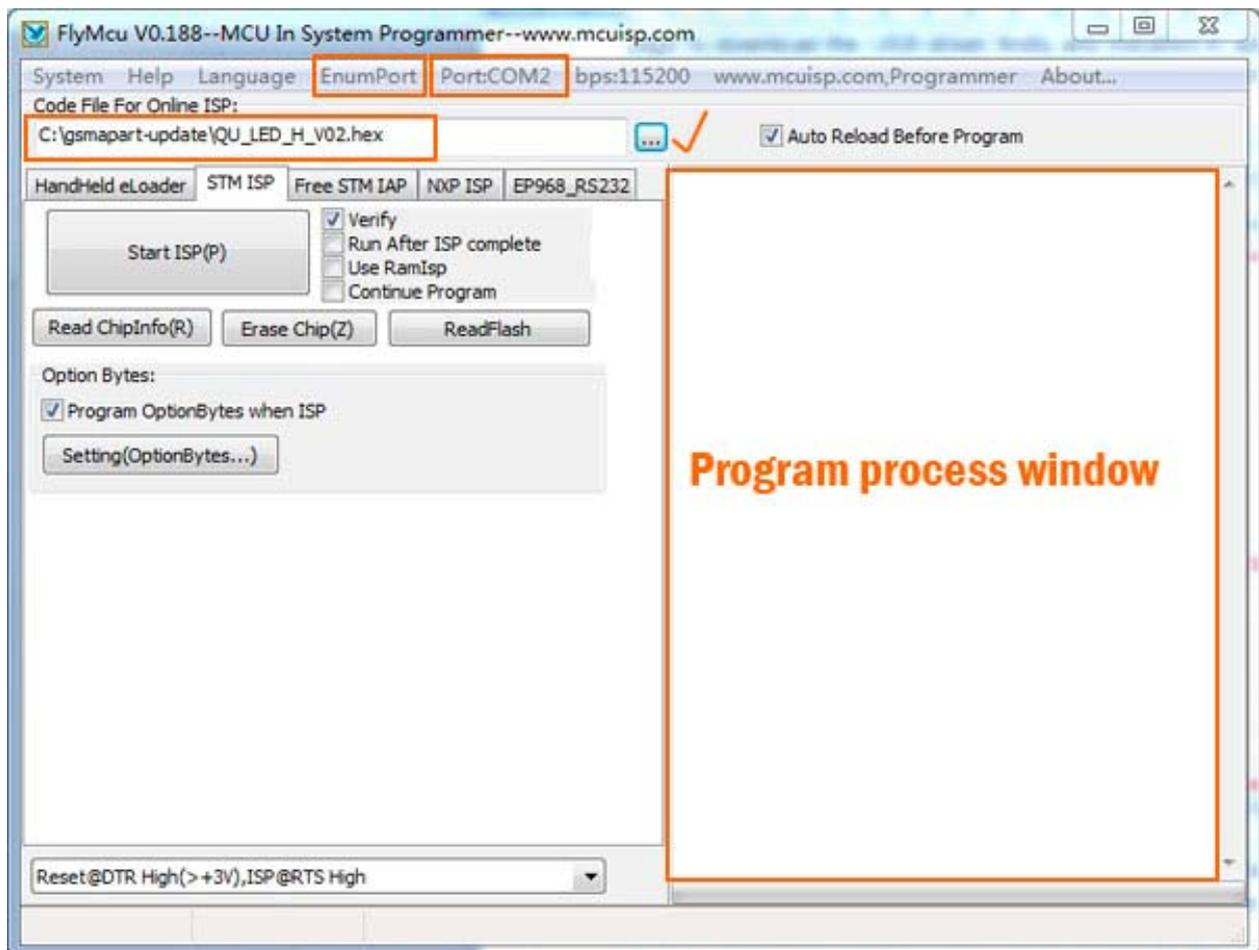


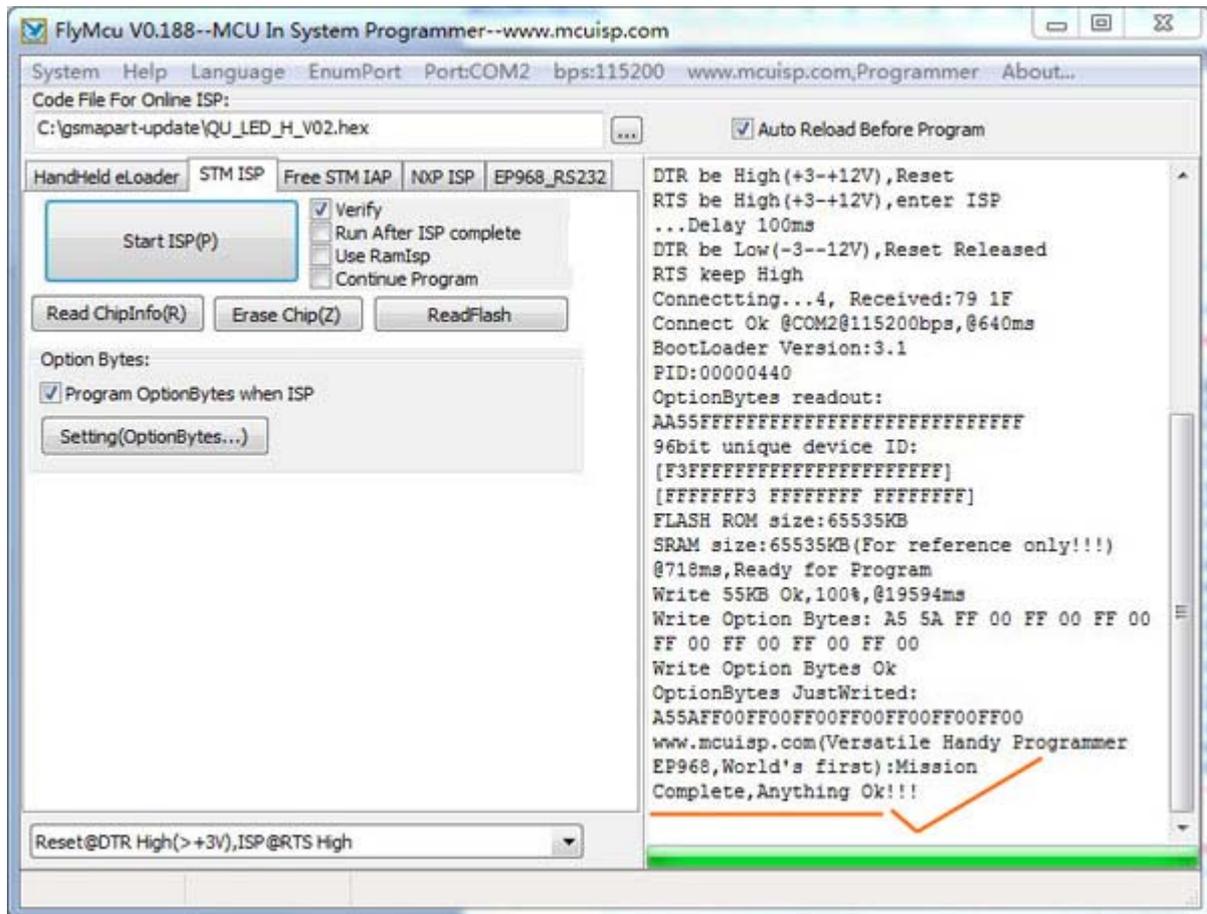
## Update the firmware of the Wafer 4G-HOUSE Device firmware

1. Power off the 4G-HOUSE
2. Connect the 4G-HOUSE to PC through WAFER USB programmer
3. Use a tweezers to short the J12 two pins (that is two holes near the push button).
4. Run FlyMCU software and then press the EnumPort to find the USB programmer Com port created. (if you still didn't install the USB driver ,then go to waferstar download page to download the USB driver firstly and installed in advance). After created the Port, then you can see the right PORT number in the "Port" and select it .
5. Select "STM ISP"



6. Press the button "..." at the end of the file text line to load the update file:  
For example, you want to program the firmware: "4G-HOUSE\_V02.hex", after selected, and the file name would be showed in the text box
7. Press the big button " Start ISP ( P ) " (under the Text box)
8. Power ON the 4G-HOUSE Controller  
and then at the right "Program process box" will show the programming and when it programmed ,it will show the "Mission Completed"  
If the programmer don't start to program, then please check:  
(1) If you have selected the right COM port for programming  
(2) Please check if the J12 Two pins are shorted well with the tweezers or wire

(3) please check if you have powered on the 4G-HOUSE Controller, especially the JP6 slide switch is at "ON" position)



9. Power off the 4G-HOUSE and Open the J12 shorted pins

10. Power on again ,then 4G-HOUSE box will run with the new updated firmware.