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 .

de File For Online	Language ISP:	e EnumPor	t Port:CO	DM2 bps:11	200 www.mcuisp.com,Programmer About
:\gsmapart-updat	e\QU_LED	H_V02.hex	ð	0	. V Auto Reload Before Program
IndHeld eLoader Start IS Read ChipInfo(R) Iption Bytes:	STM ISP P(P) Erase	Free STM IAP	NXP ISP er ISP comp nIsp e Program ReadFla	EP968_RS232	
Setting(OptionB	ytes)	n ISP			Program process window

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, expecially the JP6 slide switch is at "ON" position)

ode File For Online	Language ISP:	e EnumPort	Port:C	OM2 bps	115	200 www.mcuisp.com,Programmer About	
C:\gsmapart-updat	e QU_LED	_H_V02.hex				Auto Reload Before Program	
IandHeld eLoader Start ISI Read ChipInfo(R) Option Bytes: Program Option Setting(OptionB	STM ISP P(P) Erase Bytes when ytes)	Free STM IAP	NXP ISP er ISP com nIsp e Program ReadFl	EP968_RS23	32	DTR be High (+3-+12V), Reset RTS be High (+3-+12V), enter ISP Delay 100ms DTR be Low(-312V), Reset Released RTS keep High Connectting4, Received:79 1F Connect Ok @COM2@115200bps,@640ms BootLoader Version:3.1 PID:00000440 OptionBytes readout: AA55FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	-
Reset BOTR High()	+31/1158/8	NDTS High		•		EP968, World's first): Mission Complete, Anything Ok!!!	100

- 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.