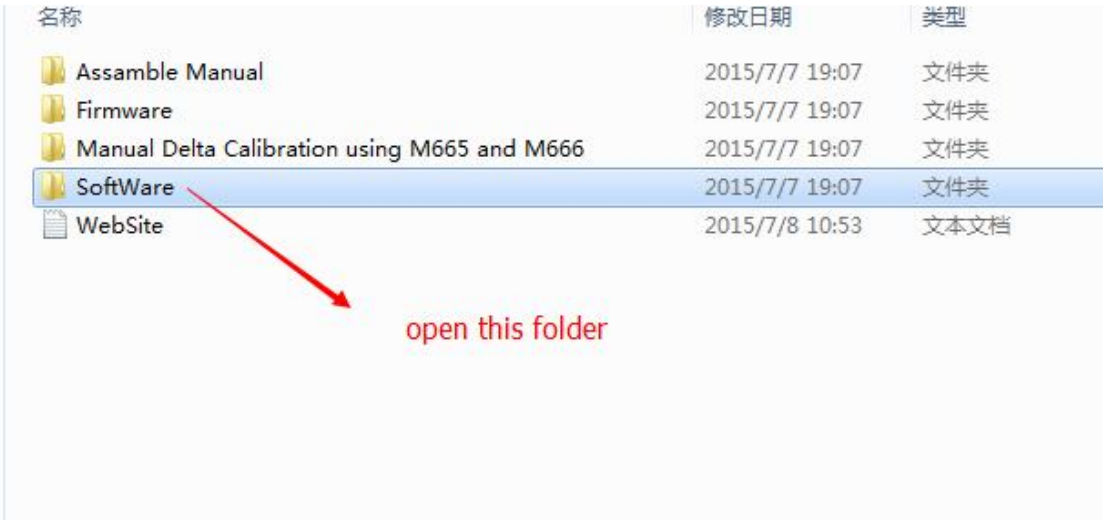
ShenZhen 3KU Technology Co.Ltd

Manual for Uploading Firmware

1. Install the software

Open the manual folder

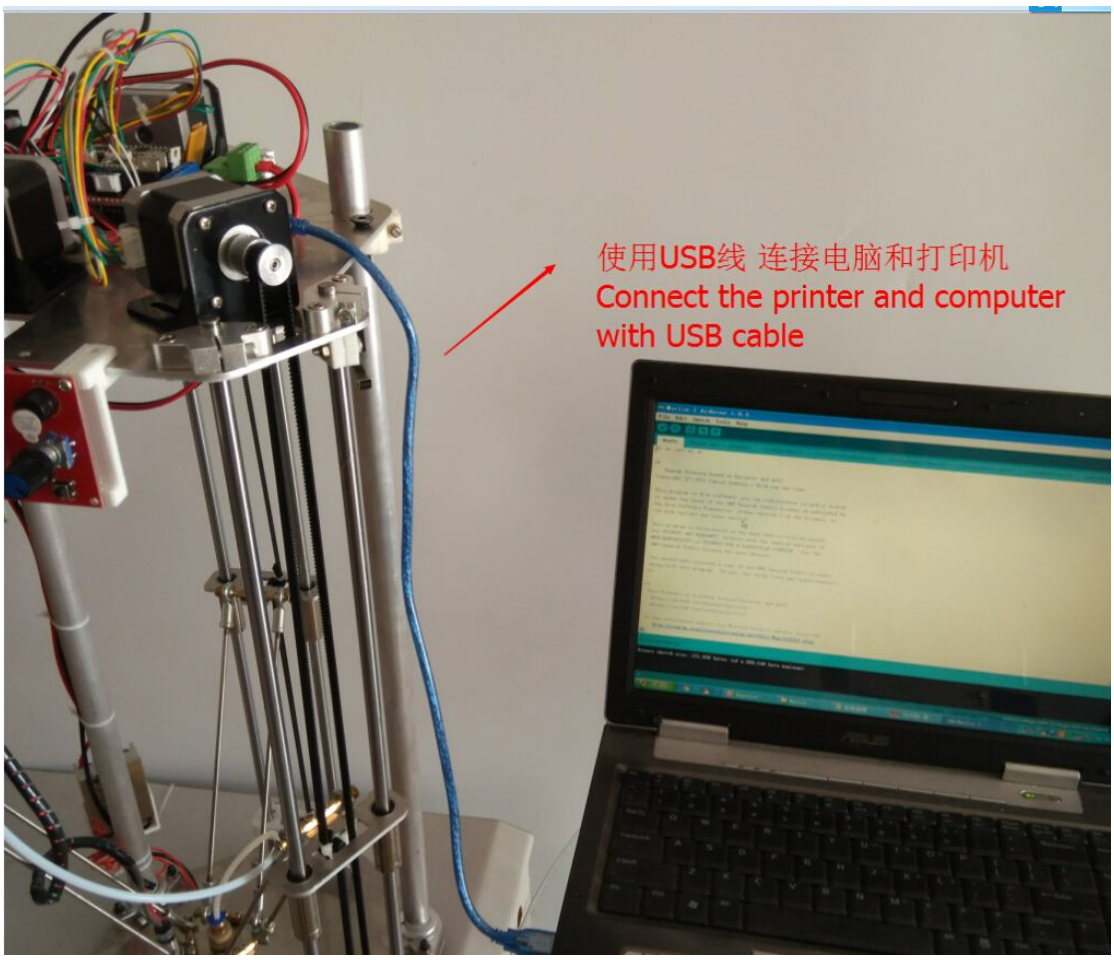


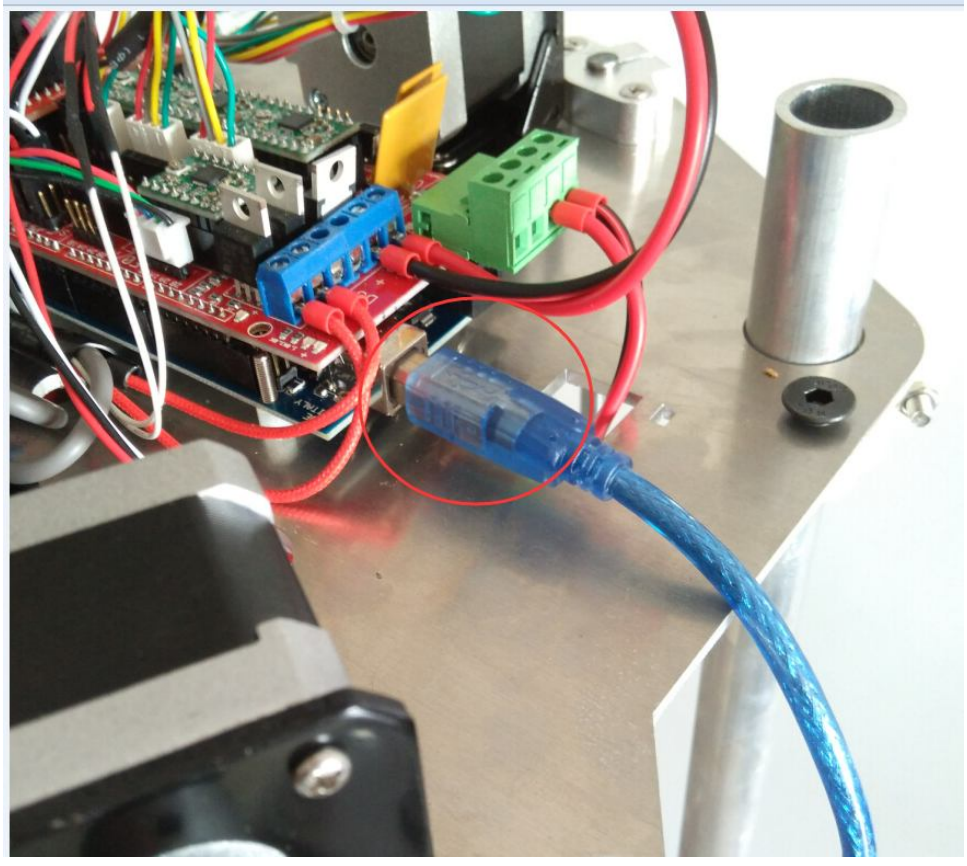
For other OS ,like MAC ,you can download from this site

http://arduino.org/

, If you want use our firmware ,you must use the version 1.0.5 ,you can find by this Link : http://www.arduino.org/downloads/previous-releases

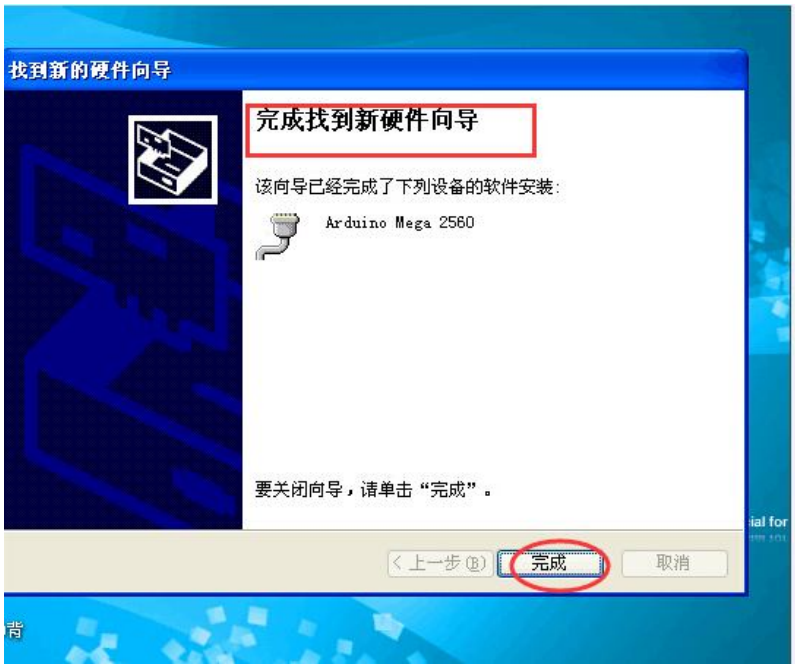
2. Connect computer and Mega 2560 with usb cable

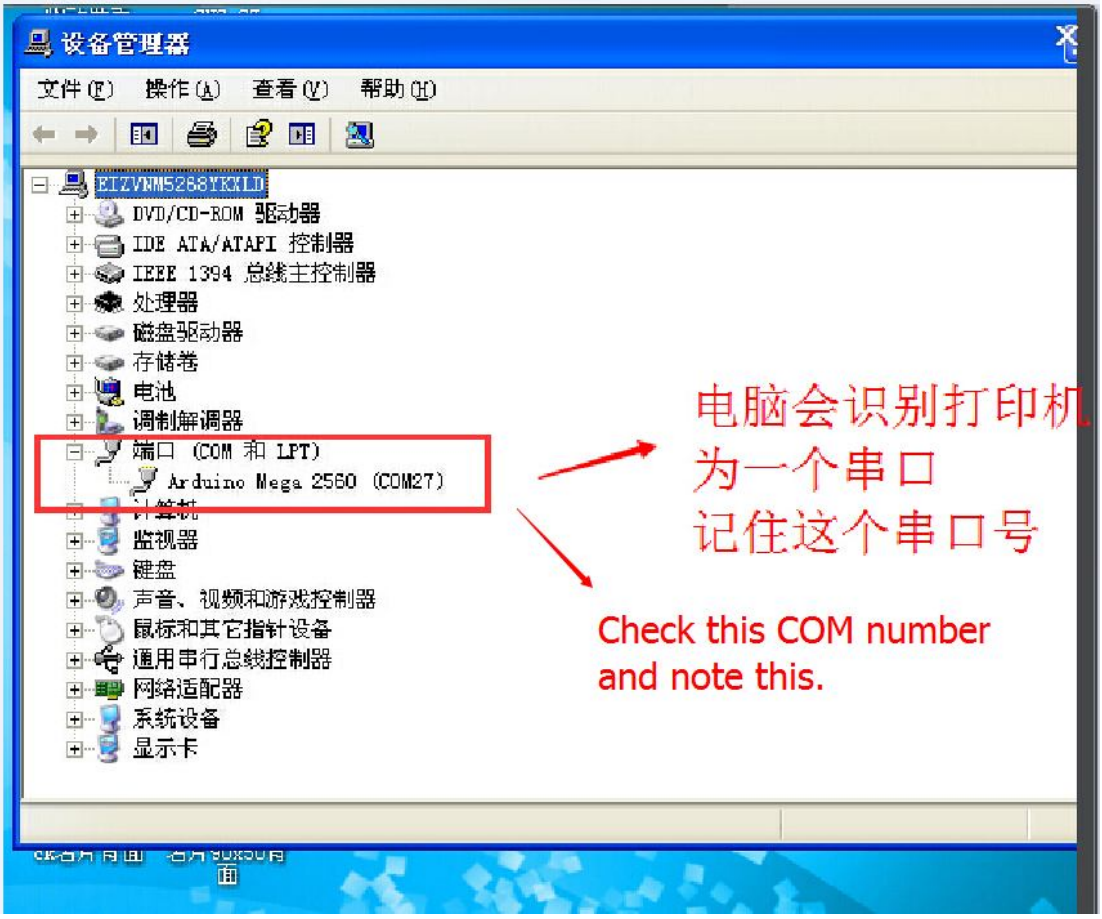

使用USB线 连接电脑和打印机
Connect the printer and computer
with USB cable



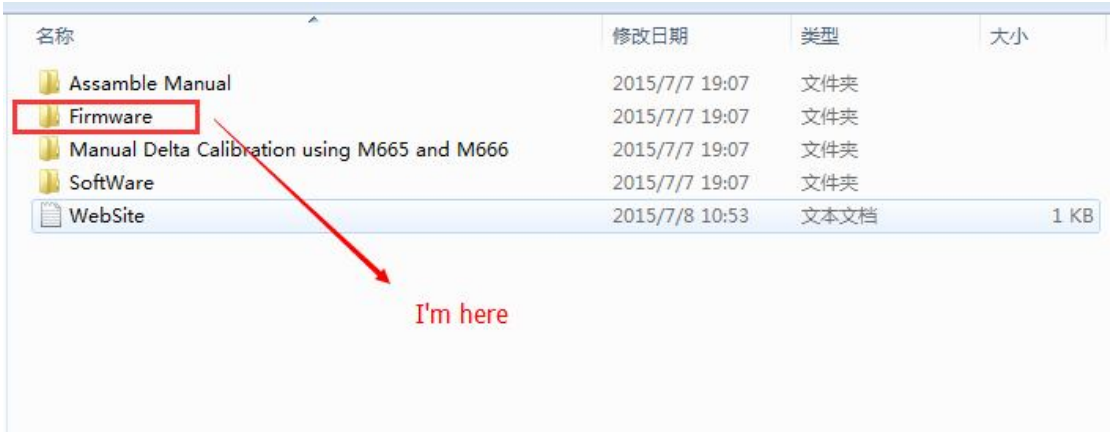
The system will find the driver and recognize it as a serial port .

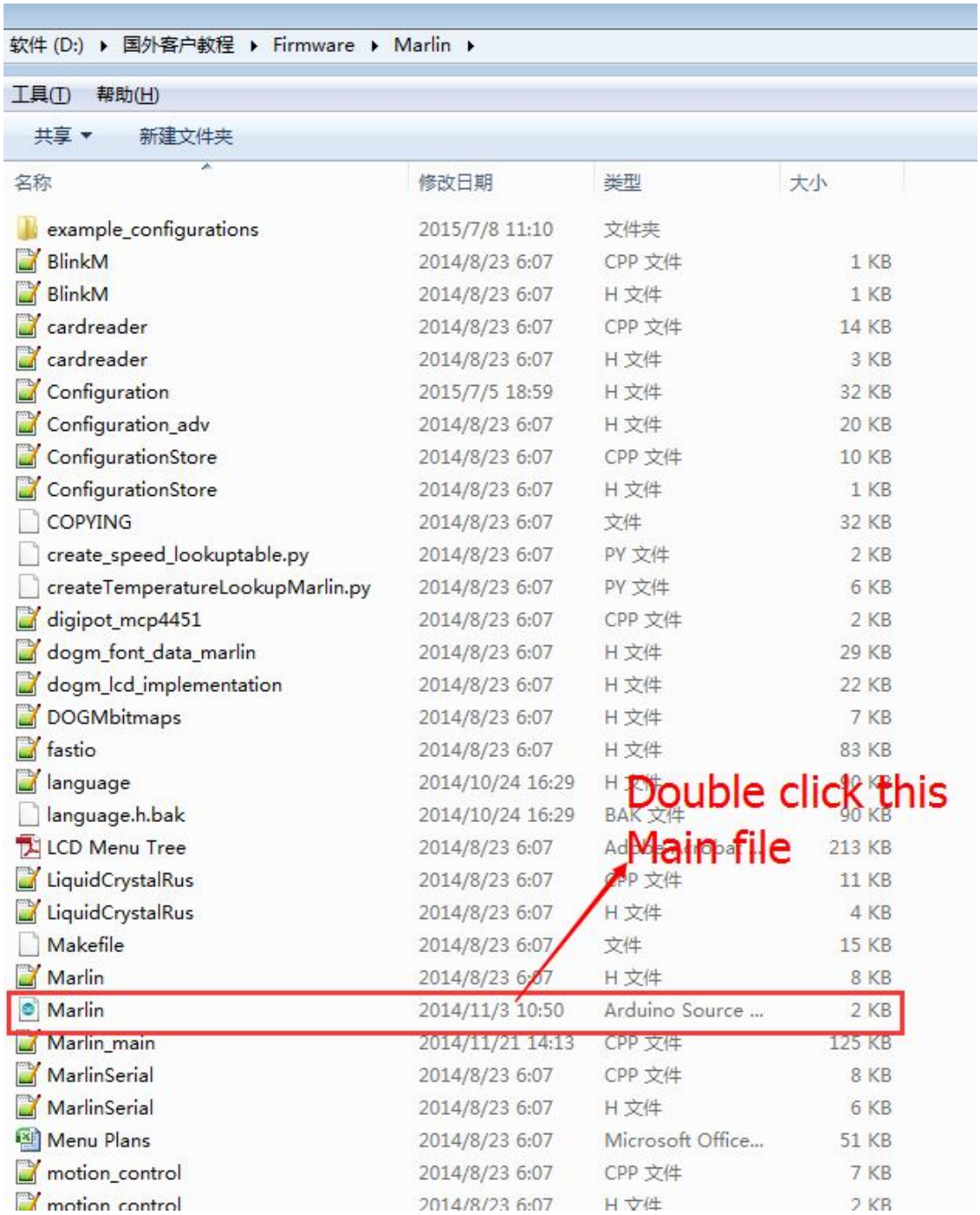
(If not success , find in google: Mega2560 driver)

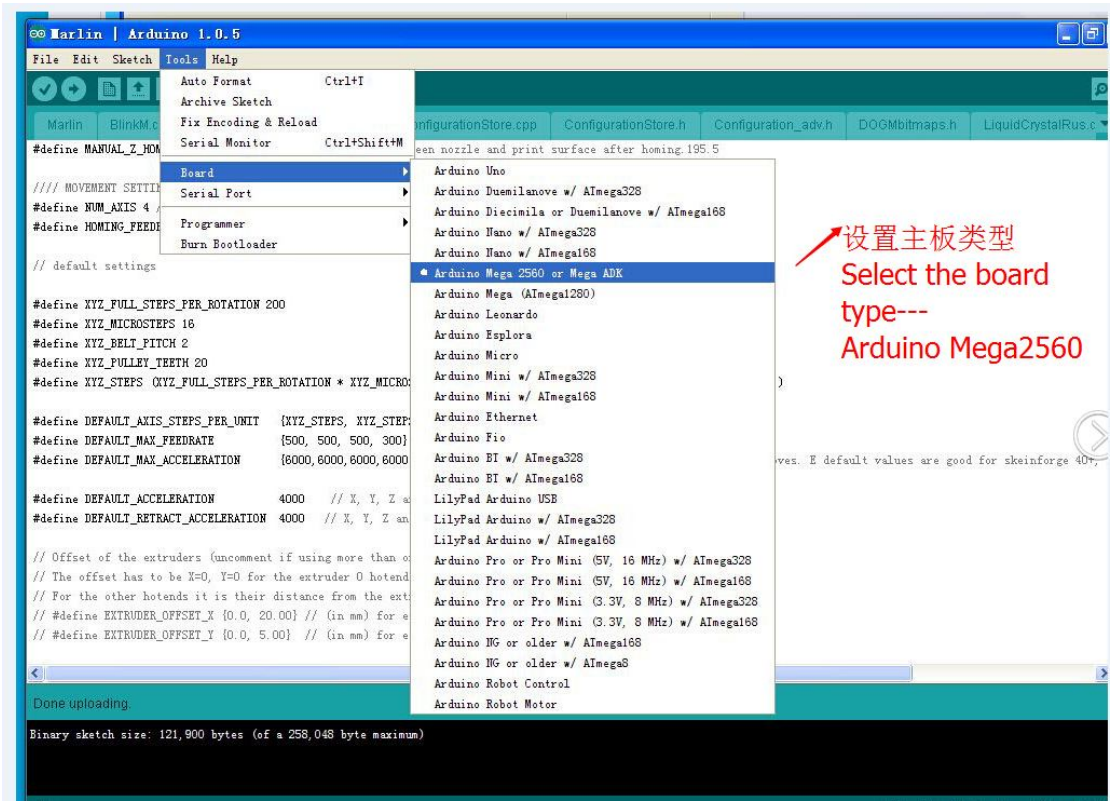


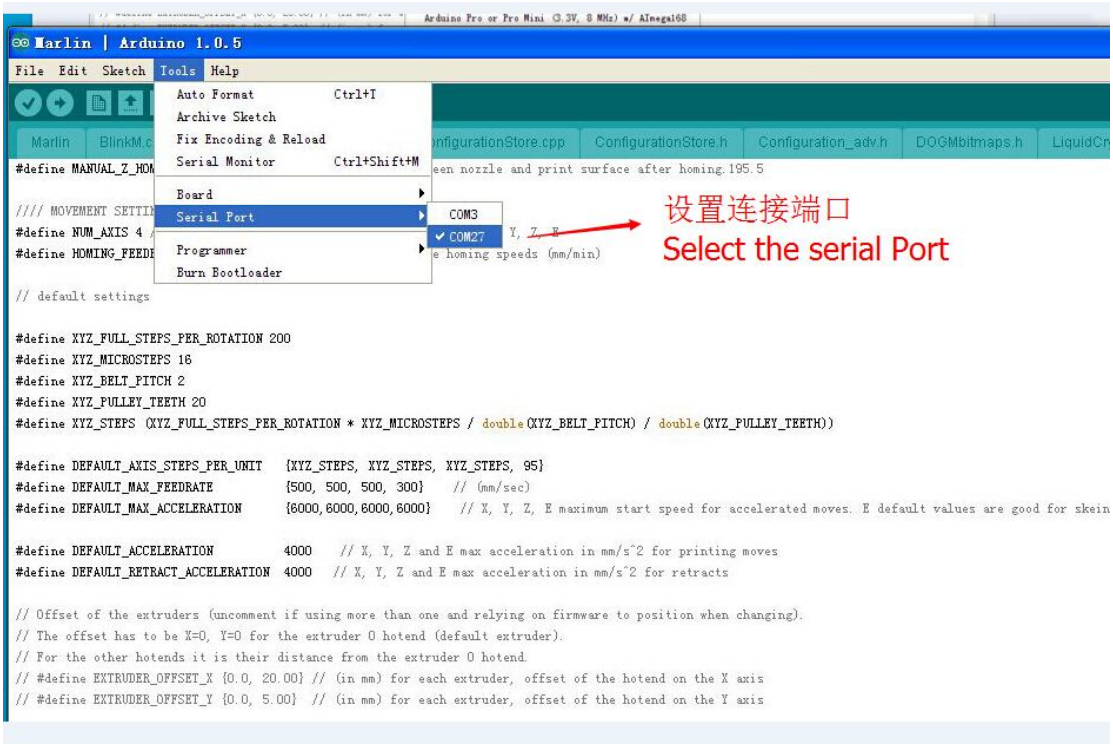


3. Open the firmware



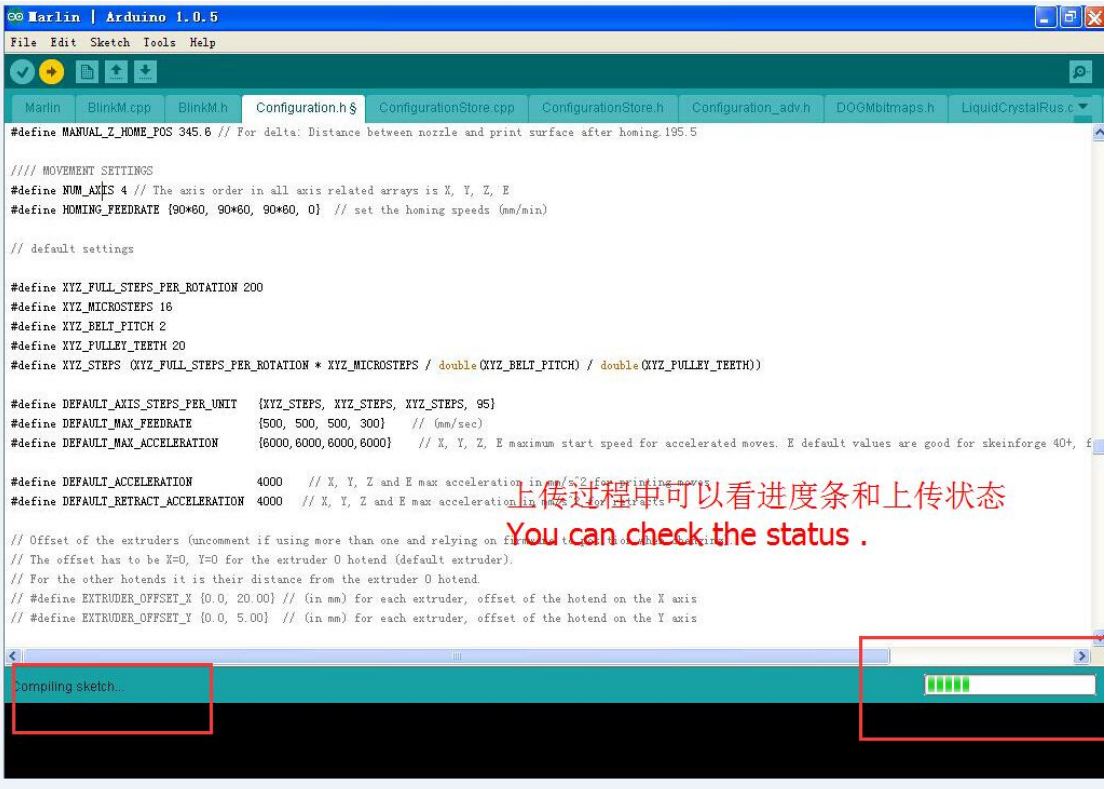

软件 (D:) ▸ 国外客户教程 ▸ Firmware ▸ Marlin ▸
工具(T) 帮助(H)
共享 新建文件夹
名称 修改日期 类型 大小
example_configurations 2015/7/8 11:10 文件夹
BlinkM 2014/8/23 6:07 CPP 文件 1 KB
BlinkM 2014/8/23 6:07 H 文件 1 KB
cardreader 2014/8/23 6:07 CPP 文件 14 KB
cardreader 2014/8/23 6:07 H 文件 3 KB
Configuration 2015/7/5 18:59 H 文件 32 KB
Configuration_adv 2014/8/23 6:07 H 文件 20 KB
ConfigurationStore 2014/8/23 6:07 CPP 文件 10 KB
ConfigurationStore 2014/8/23 6:07 H 文件 1 KB
COPYING 2014/8/23 6:07 文件 32 KB
create_speed_lookuptable.py 2014/8/23 6:07 PY 文件 2 KB
createTemperatureLookupMarlin.py 2014/8/23 6:07 PY 文件 6 KB
digipot_mcp4451 2014/8/23 6:07 CPP 文件 2 KB
dogm_font_data_marlin 2014/8/23 6:07 H 文件 29 KB
dogm_lcd_implementation 2014/8/23 6:07 H 文件 22 KB
DOGMbitmaps 2014/8/23 6:07 H 文件 7 KB
fastio 2014/8/23 6:07 H 文件 83 KB
language 2014/10/24 16:29 H 文件 90 KB
language.h.bak 2014/10/24 16:29 BAK 文件 90 KB
LCD Menu Tree 2014/8/23 6:07 Adobe Acrobat... 213 KB
LiquidCrystalRus 2014/8/23 6:07 CPP 文件 11 KB
LiquidCrystalRus 2014/8/23 6:07 H 文件 4 KB
Makefile 2014/8/23 6:07 文件 15 KB
Marlin 2014/8/23 6:07 H 文件 8 KB
Marlin 2014/11/3 10:50 Arduino Source ... 2 KB
Marlin_main 2014/11/21 14:13 CPP 文件 125 KB
MarlinSerial 2014/8/23 6:07 CPP 文件 8 KB
MarlinSerial 2014/8/23 6:07 H 文件 6 KB
Menu Plans 2014/8/23 6:07 Microsoft Office... 51 KB
motion_control 2014/8/23 6:07 CPP 文件 7 KB
motion_control 2014/8/23 6:07 H 文件 2 KB
Double click this Main file

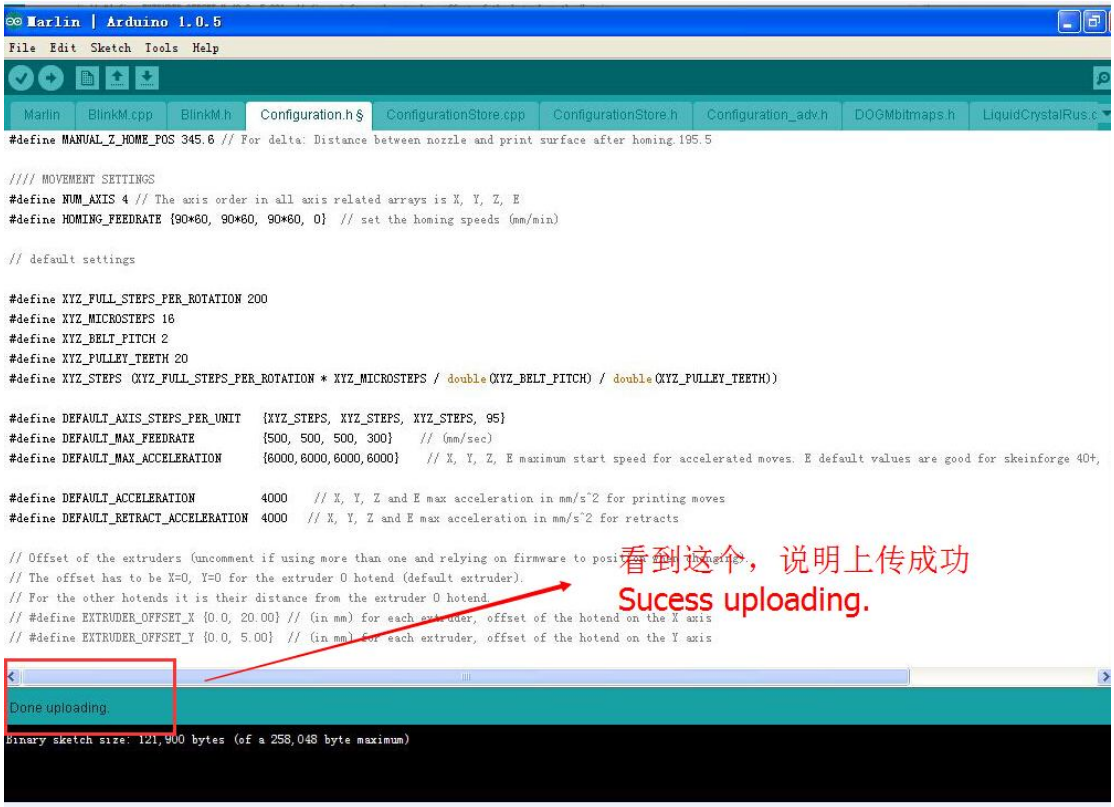


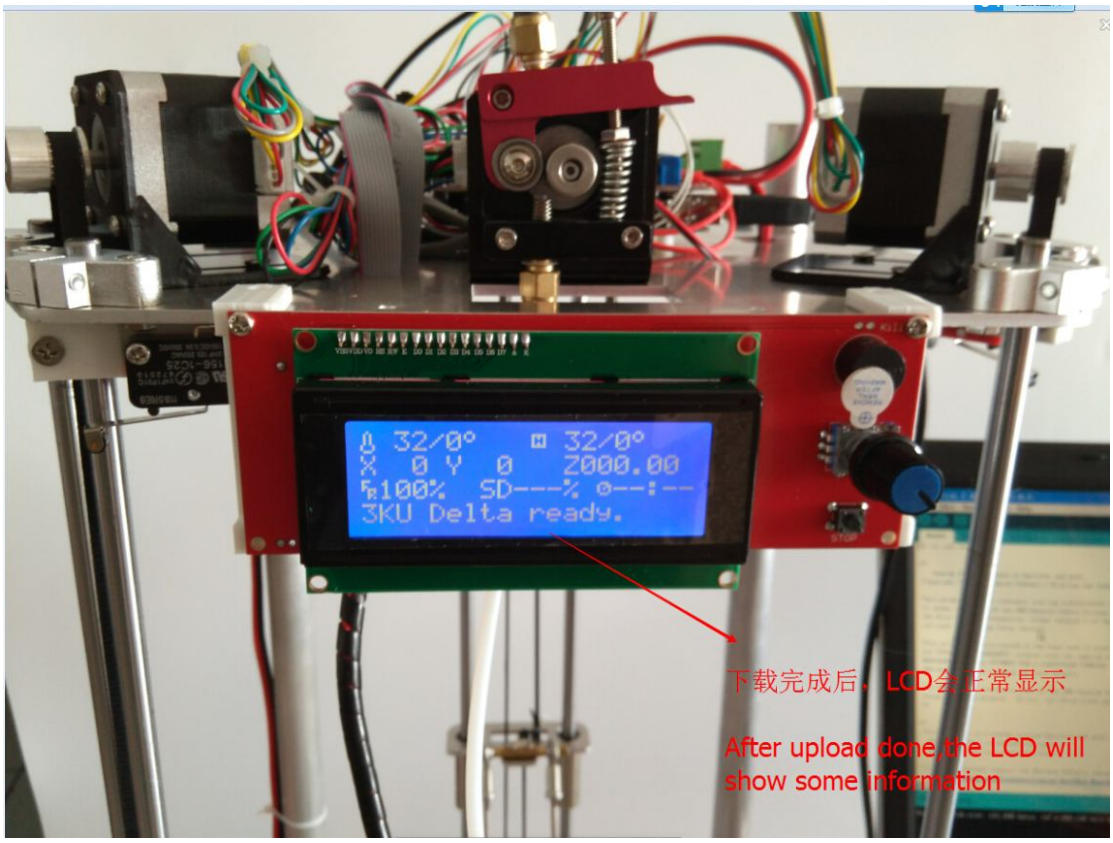



```
// default settings

#define XYZ_FULL_STEPS_PER_ROTATION 200
#define XYZ_MICROSTEPS 16
#define XYZ_BELT_PITCH 2
#define XYZ_PULLEY_TEETH 20
#define XYZ_STEPS (XYZ_FULL_STEPS_PER_ROTATION * XYZ_MICROSTEPS / double(XYZ_BELT_PITCH) / double(XYZ_PULLEY_TEETH))

#define DEFAULT_AXIS_STEPS_PER_UNIT   {XYZ_STEPS, XYZ_STEPS, XYZ_STEPS, 95}
#define DEFAULT_MAX_FEEDRATE          {500, 500, 500, 300}    // (mm/sec)
#define DEFAULT_MAX_ACCELERATION      {6000,6000,6000,6000}    // X, Y, Z, E maximum start speed for accelerated moves. E default values are good for skein

#define DEFAULT_ACCELERATION          4000    // X, Y, Z and E max acceleration in mm/s^2 for printing moves
#define DEFAULT_RETRACT_ACCELERATION  4000    // X, Y, Z and E max acceleration in mm/s^2 for retracts

// Offset of the extruders (uncomment if using more than one and relying on firmware to position when changing).
// The offset has to be X=0, Y=0 for the extruder 0 hotend (default extruder).
// For the other hotends it is their distance from the extruder 0 hotend.
// #define EXTRUDER_OFFSET_X {0.0, 20.00} // (in mm) for each extruder, offset of the hotend on the X axis
// #define EXTRUDER_OFFSET_Y {0.0, 5.00}  // (in mm) for each extruder, offset of the hotend on the Y axis
```


Marlin | Arduino 1.0.5
File Edit Sketch Tools Help
Upload
Marlin BlinkM.cpp BlinkM.h Configuration.h § ConfigurationStore.cpp ConfigurationStore.h Configuration_adv.h DOGMbitmaps.h LiquidCrystalRus.c
点击这个按钮，开始上传固件
Click this button ,begin uploading


Marlin | Arduino 1.0.5
File Edit Sketch Tools Help
Marlin BlinkM.cpp BlinkM.h Configuration.h § ConfigurationStore.cpp ConfigurationStore.h Configuration_adv.h DOGMbitmaps.h LiquidCrystalRus.c
上传过程中可以看进度条和上传状态
You can check the status .
Compiling sketch...





If you can see these in your LCD ,then finished.