How to upload firmware to control board from PC

Operation system: Windows 32 bit or 64 bit system
Tools: USB cable
Software : Arduloader1.0

Step 1. Install *USB to UART bridge* chip driver (CP2012).
Step 2. Download *Arduloader1.0* from cloud disk and store it to PC.
Step 3. Download firmware *HEX file* from cloud disk and store it to PC.
Step 4. Connect the control board to PC by USB cable.
Step 5. Copy the *HEX file* with *Arduloader1.0* to the same directory.
Step 6. Execute *Arduloader1.0*, choose *HEX file* which need to be uploaded,
   set com port and select the board type, *click upload button to go!!*.

Arduloader1.0 download link: https://www.jianguoyun.com/p/DXDxIRIQyoP1BxiaqqID

HEX file download link: https://www.jianguoyun.com/p/Dd00chMQyoP1BxiCo8IC

CP2102 driver download link: https://www.jianguoyun.com/p/DRBp2j8QyoP1BxijqqID

NOTE 1: Save the Arduloader to a simply directory in your PC
NOTE 2: We suggest to turn off AC power when upload firmware.
NOTE 3: If there are fails many times in uploading, please try to replug the USB cable or replace a new USB cable and try again.

1. Execute this file: \CP2102\windows\CP210x_Windows_Drivers\CP210xVCPInstaller_x64.exe

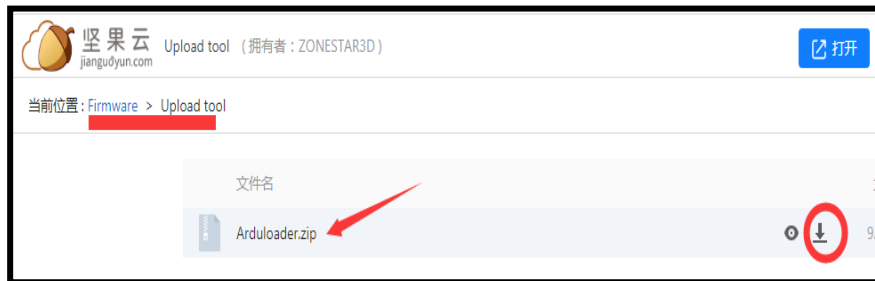Note: You may need to unzip the compressed file before installation.
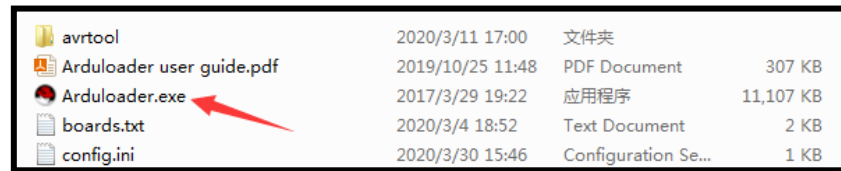

2. Connect the printer to the PC with a USB cable.
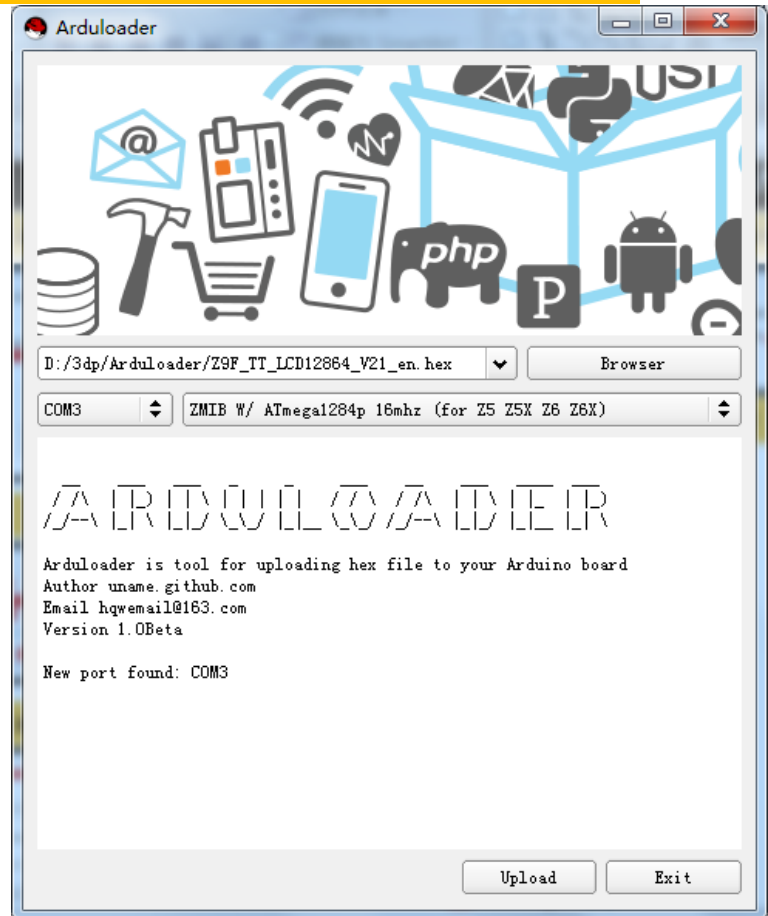
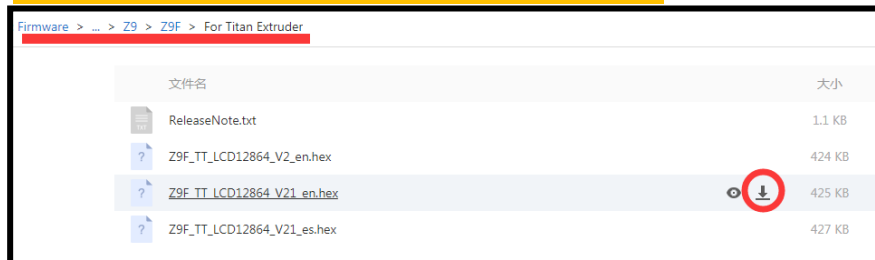# Download Arduloader1.0 and HEX file

Download Arduloader1.0

坚果云
jiangguoyun.com
Upload tool （拥有者：ZONESTAR3D）
打开

当前位置：Firmware > Upload tool

文件名

Arduloader.zip

Unzip it

名称	修改日期	类型	大小
Arduloader	2020/6/12 20:26	文件夹	
Arduloader.zip	2020/6/12 20:25	WinRAR ZIP 压缩...	10,175 KB

Download HEX file

Firmware > ... > Z9 > Z9F > For Titan Extruder

文件名	大小
ReleaseNote.txt	1.1 KB
Z9F_TT_LCD12864_V2_en.hex	424 KB
Z9F_TT_LCD12864_V21_en.hex	425 KB
Z9F_TT_LCD12864_V21_es.hex	427 KB

Store the HEX file to the same Directory

avrtool	2020/3/11 17:00	文件夹	
Arduloader user guide.pdf	2019/10/25 11:48	PDF Document	307 KB
Arduloader.exe	2017/3/29 19:22	应用程序	11,107 KB
boards.txt	2020/3/4 18:52	Text Document	2 KB
config.ini	2020/3/30 15:46	Configuration Se...	1 KB
Z9F_TT_LCD12864_V21_en.hex	2020/6/12 20:29	HEX 文件	426 KB

Execute Arduloader

avrtool	2020/3/11 17:00	文件夹	
Arduloader user guide.pdf	2019/10/25 11:48	PDF Document	307 KB
Arduloader.exe	2017/3/29 19:22	应用程序	11,107 KB
boards.txt	2020/3/4 18:52	Text Document	2 KB
config.ini	2020/3/30 15:46	Configuration Se...	1 KB

Tools GUI

Arduloader

D:/3dp/Arduloader/Z9F_TT_LCD12864_V21_en.hex   Browser

COM3   ZMIB W/ ATmega1284p 16mhz (for Z5 Z5X Z6 Z6X)

ARDULOADER

Arduloader is tool for uploading hex file to your Arduino board
Author uname.github.com
Email hqwemail@163.com
Version 1.0Beta

New port found: COM3

Upload   Exit

Upload frimware

Plug USB to PC, you can see the com port

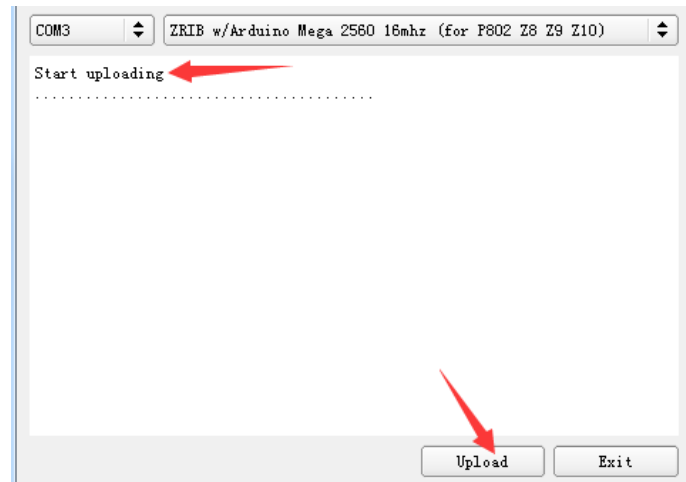

New port found: COM3
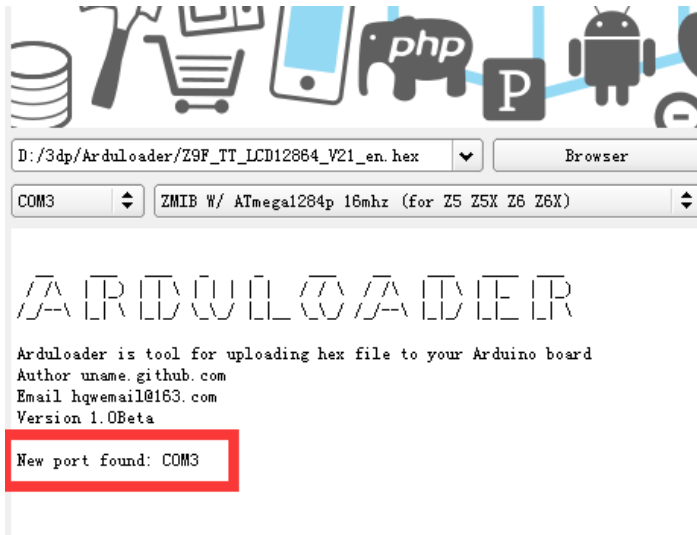
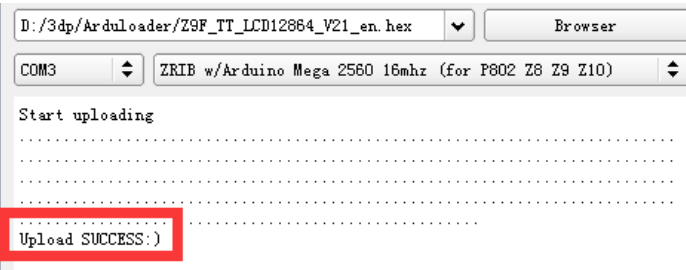## *Click browse and choose HEX file*

Set comport and control board
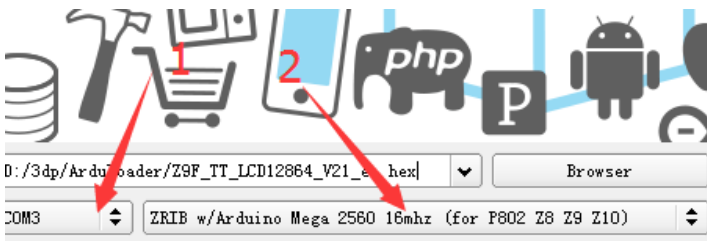
Click Upload bottom to start

Wait until it shows "SUCEESS"

Upload SUCCESS:)

DONE!

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