

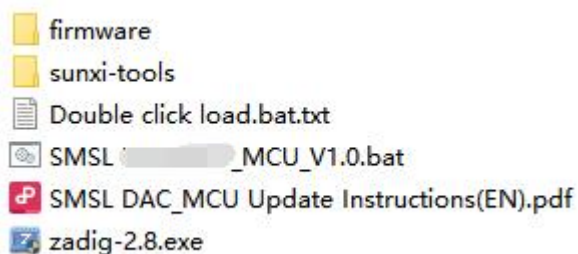
# Update the SMSL HPA MCU firmware

## Brief:

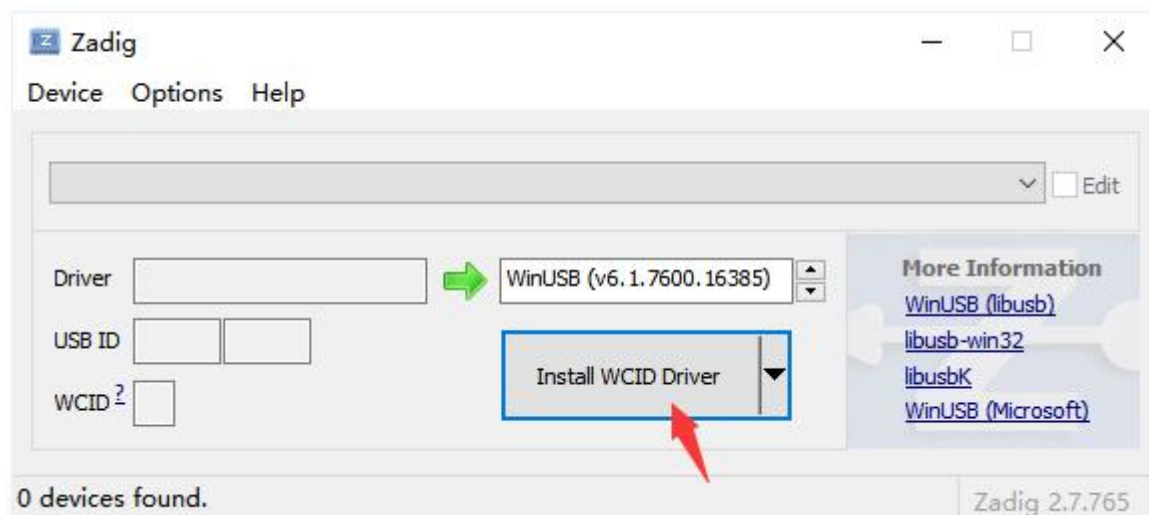
This document describes the program to upgrade the HPA main CPU, not the USB program. The upgrade method is to connect the windows PC via USB to upgrade. Please be careful not to turn off the power during the upgrade!

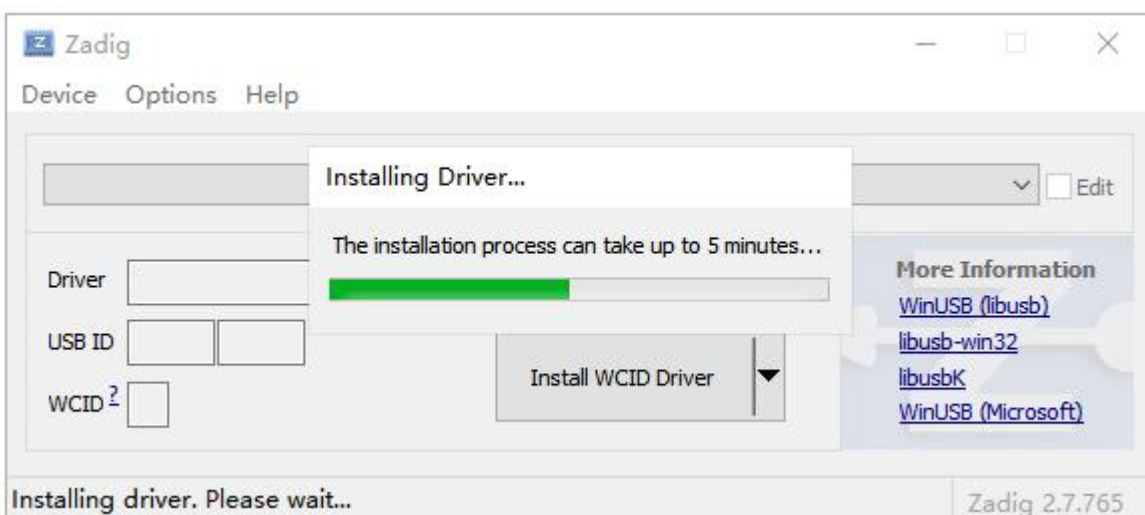
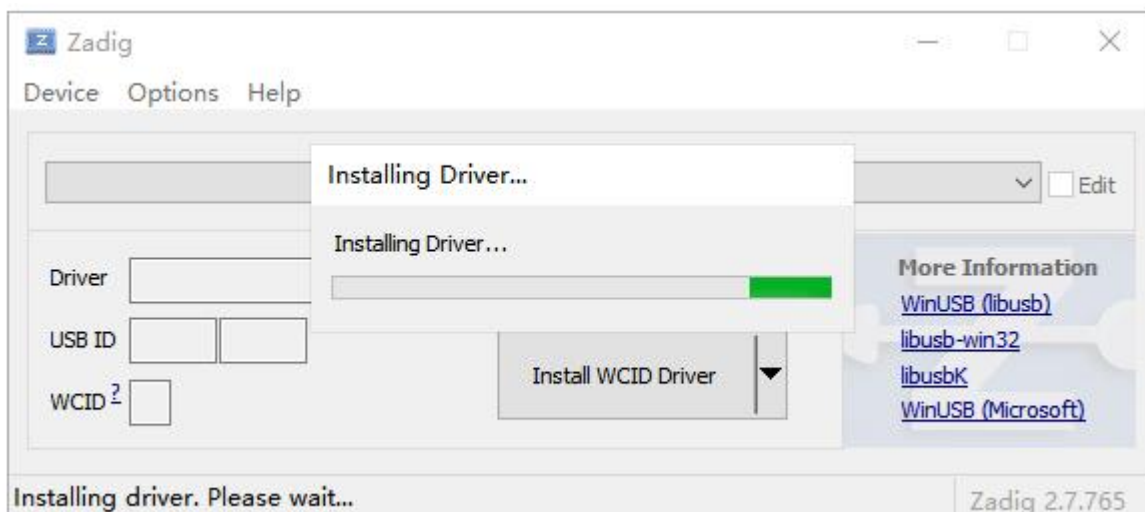
## Steps:

- 1) Don't supply power to HPA first.
- 2) Unzip files,the firmware ordinarily packed in Zip file, and the file name, for example, is "XX\_MCU\_FW.zip".
- 3) After unzip, the file is like:

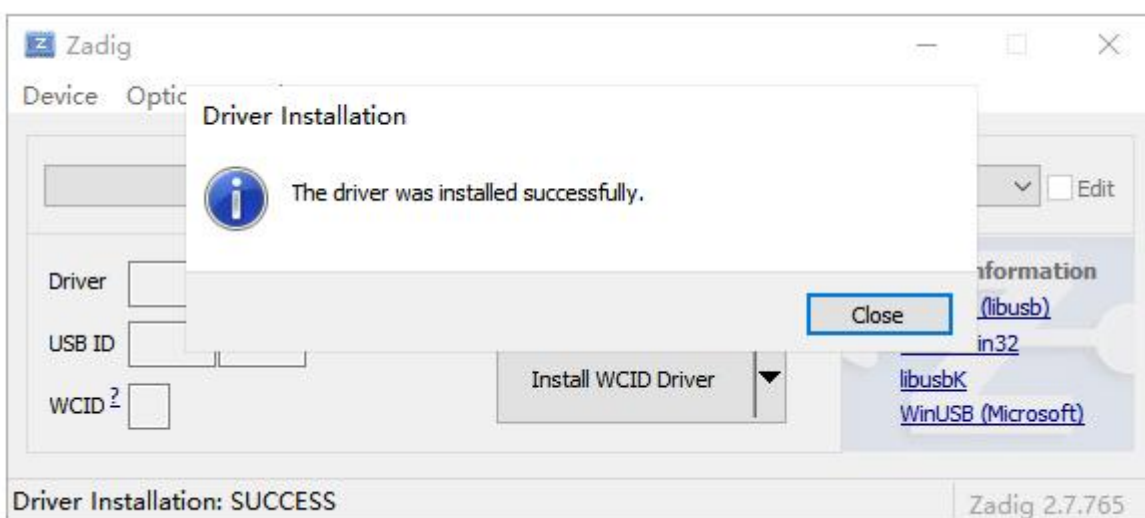


- 4) Unzip the file;open the file"zadig-2.8.exe".( This software needs to be installed first).



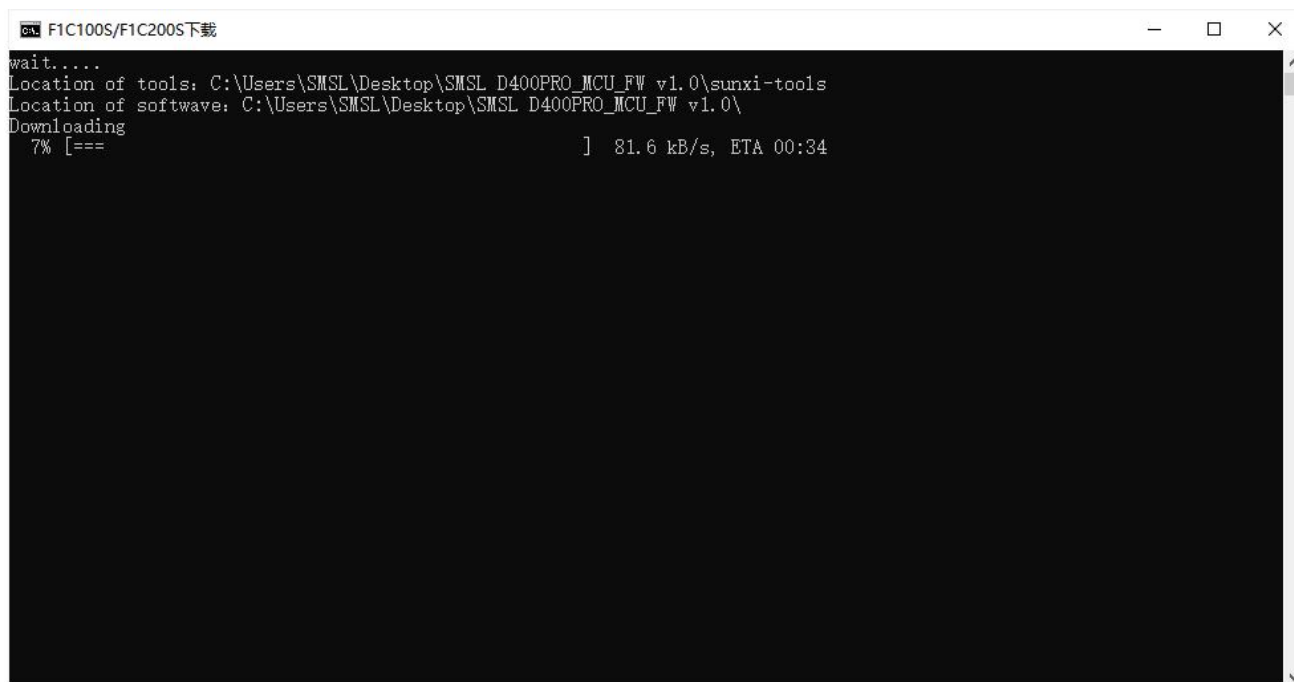


5 ) Wait for the finish;If the window shows like this, it is done!



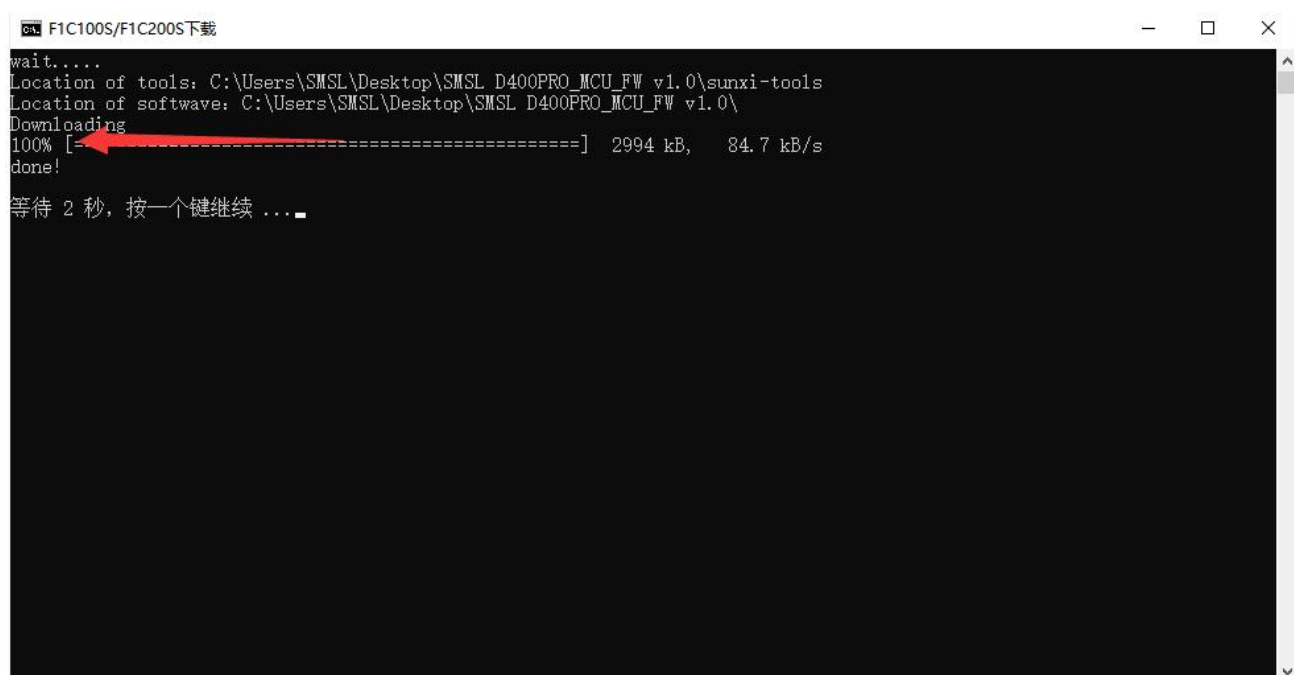
6 ) Connect the HPA service interface to the computer via micro USB cable. Press and hold the knob, then turn on the power, and release the key after 5 seconds. If you see the HPA starts normally, you need to repeat this operation (when entering the upgrade mode, the HPA screen will not light up).

7 ) Open the “**SMSL XXXXX\_MCU\_XXX.bat**”.Wait for the finish(Do not turn off the power during upgrade).



```
wait.....
Location of tools: C:\Users\SMSL\Desktop\SMSL D400PRO_MCU_FW v1.0\sunxi-tools
Location of software: C:\Users\SMSL\Desktop\SMSL D400PRO_MCU_FW v1.0\
Downloading
7% [=== ] 81.6 kB/s, ETA 00:34
```

8 ) If the window shows like this, it is done!



```
wait.....
Location of tools: C:\Users\SMSL\Desktop\SMSL D400PRO_MCU_FW v1.0\sunxi-tools
Location of software: C:\Users\SMSL\Desktop\SMSL D400PRO_MCU_FW v1.0\
Downloading
100% [=====] 2994 kB, 84.7 kB/s
done!
等待 2 秒, 按一个键继续 ...
```