djusting the PID

Command head heating target: M303 E0 S260
(S260 is the head heating target temperature of 260°C. It can be set according to the printing materials. Reference value: PLA- 195 °C ABS-250 °C)
Command hot bed : M303 B S50
(S50 is the target temperature of the hot bed, which can be set freely according to the needs of the printed materials. Reference value: PLA- 50 °C ABS-100 °C)
If the printer does not work for a long time or the screen displays an error
Please adjust the PID value
PLA heating head 195 ° C hot bed 50 ° C usually starts printing for 3-5 minutes
ABS heating head 260 ° C hot bed 100 ° C usually start printing 7-10 minutes
F1-A F1-B (24v 350w 110/220v)

Pronterfac (http://www.pronterface.com/index.html#download) or Repetier-Host (https://www.repetier.com/)

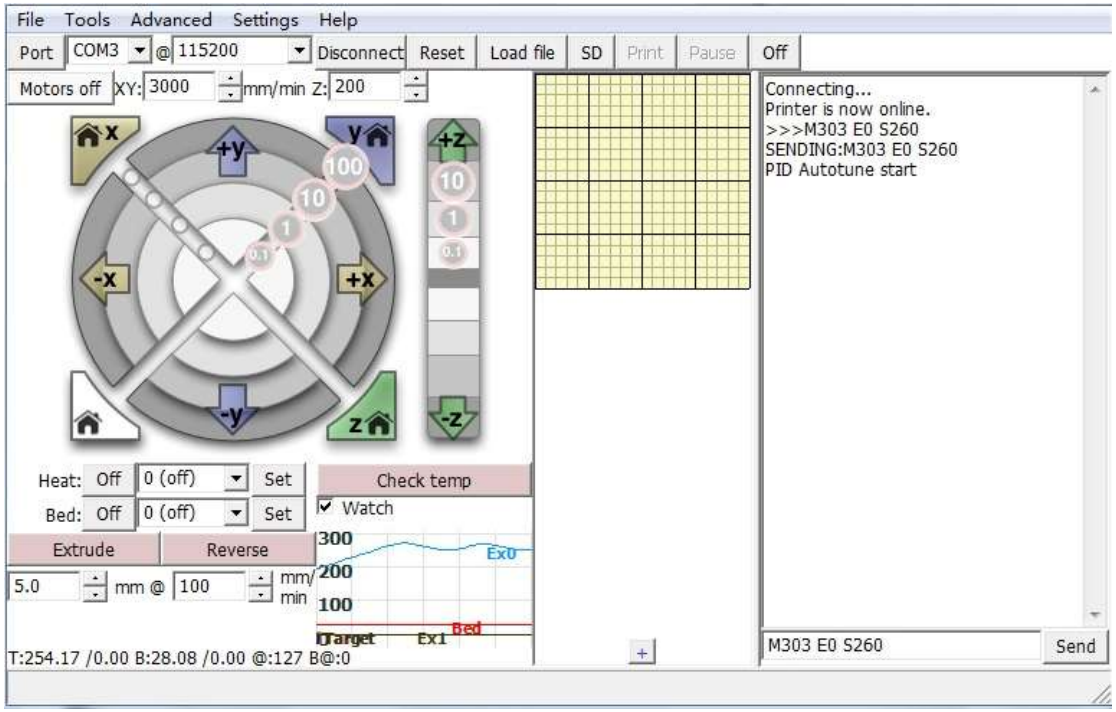
- First connect the pc and printer with usb cable

- PC computer to open the host computer software (repetierHost or Pronterface, etc.) to connect to the printer .

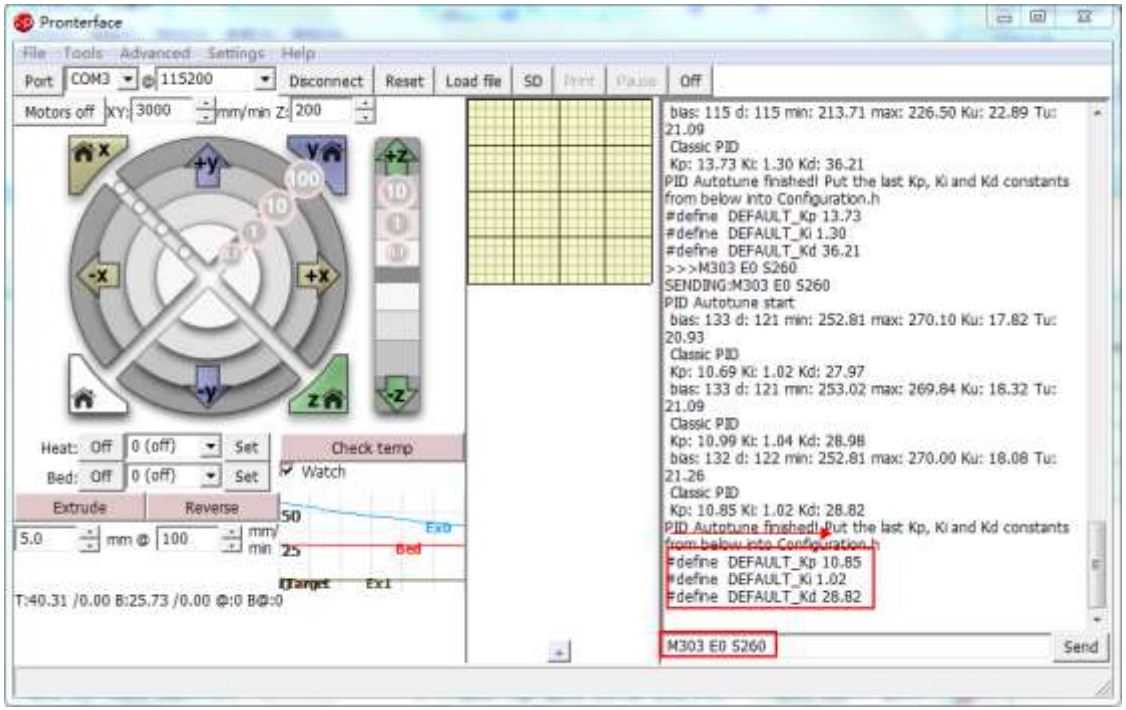
Heating head

Send the "M303 E0 S260" to the printer in the host computer software,

(260 is the heating head temperature, Example PLA heating head 195 ° C ABS heating head 260 ° C)

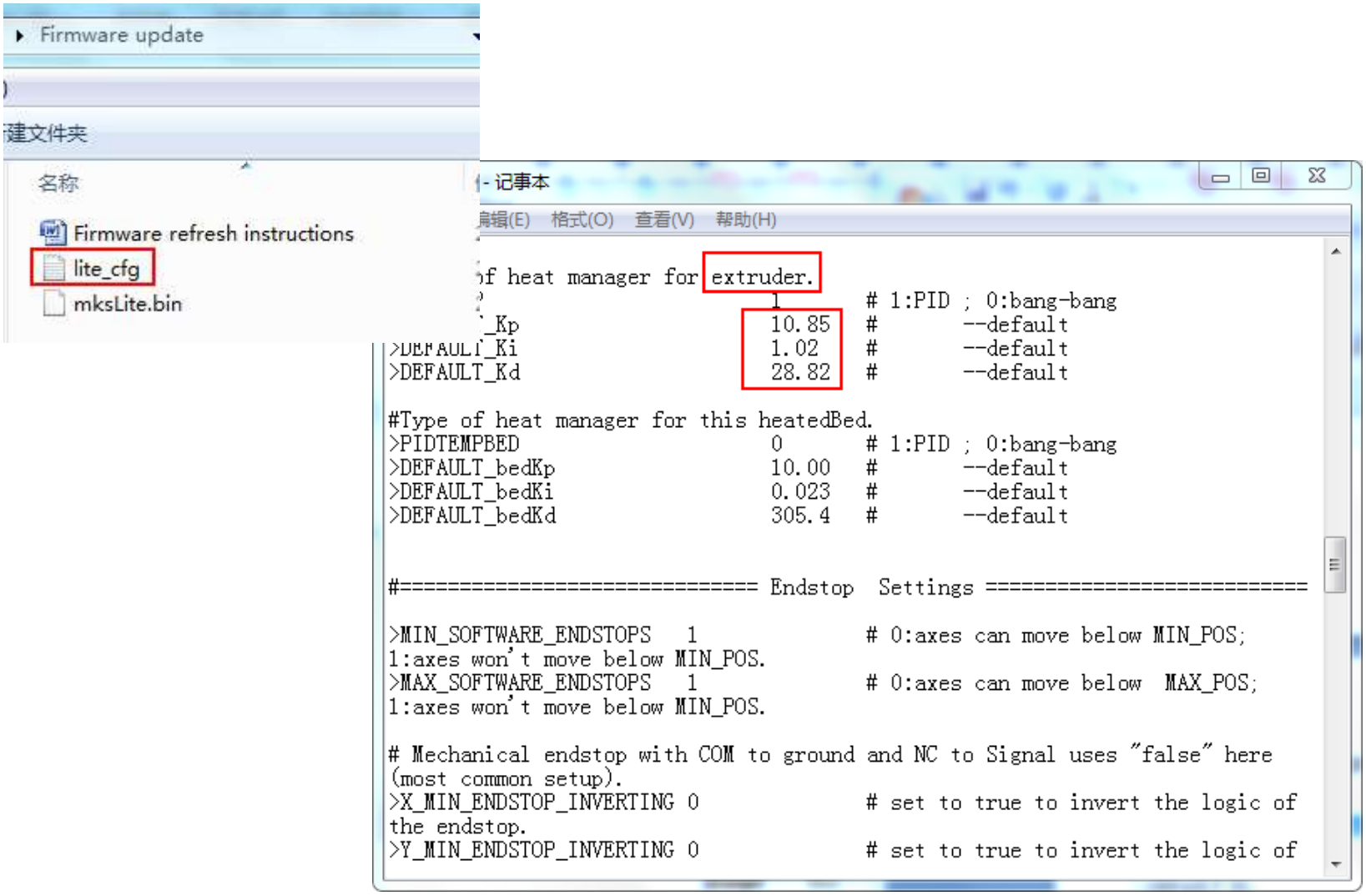


The waiting time usually takes a few minutes:



Then the calculation is completed.

Write the **Extruder PID** parameter to the following part of the "lite_cfg.txt" file.



File update save with lite_cfg .

Copy the re-saved "lite_cfg.txt" file and "mksLite.bin" to the TF card, and restart the power update firmware.

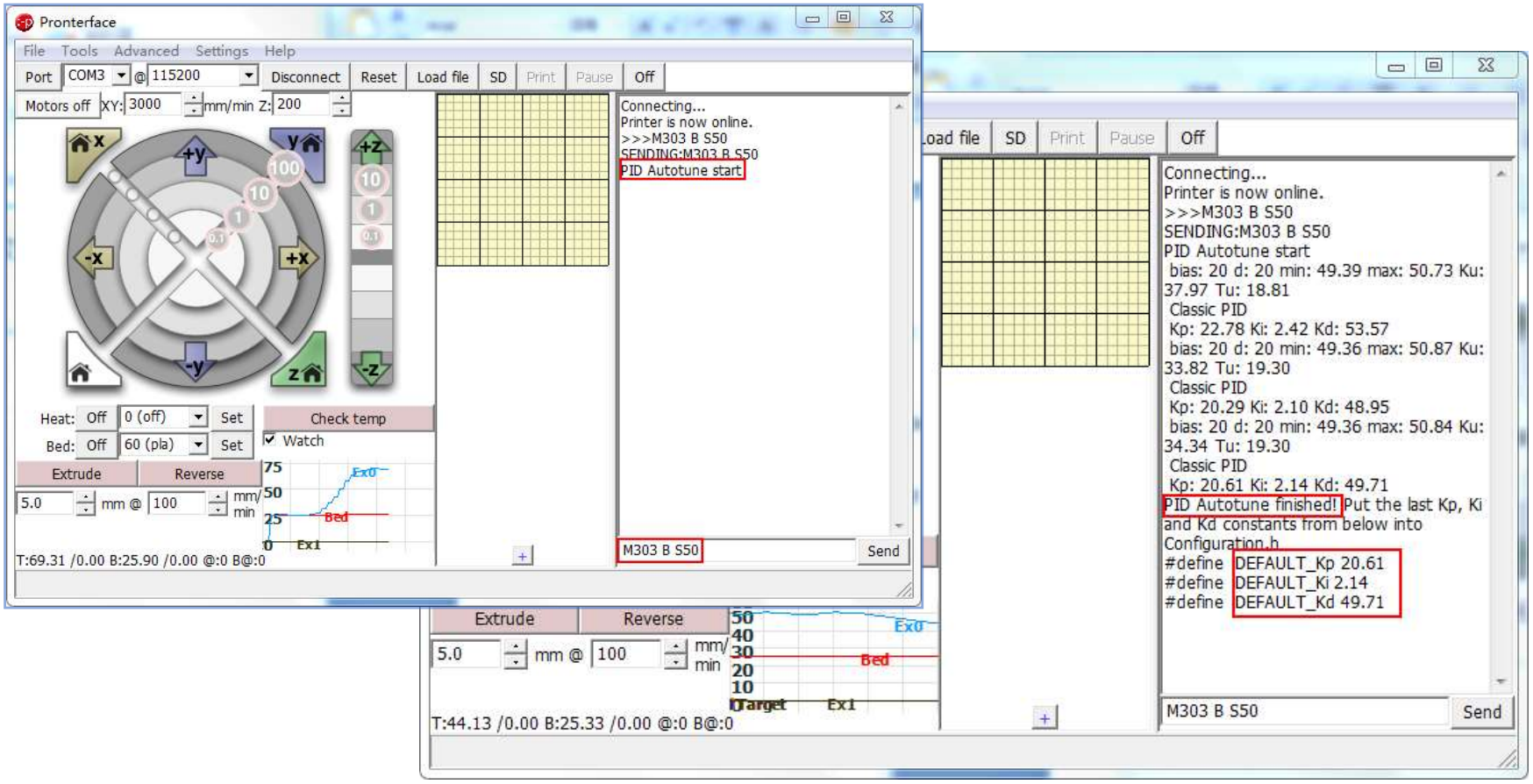
- Unplug the USB computer and the 3D printer
- Turn off the 3D Printer power
- Insert TF card
- Turn on the power
- The system will update automatically

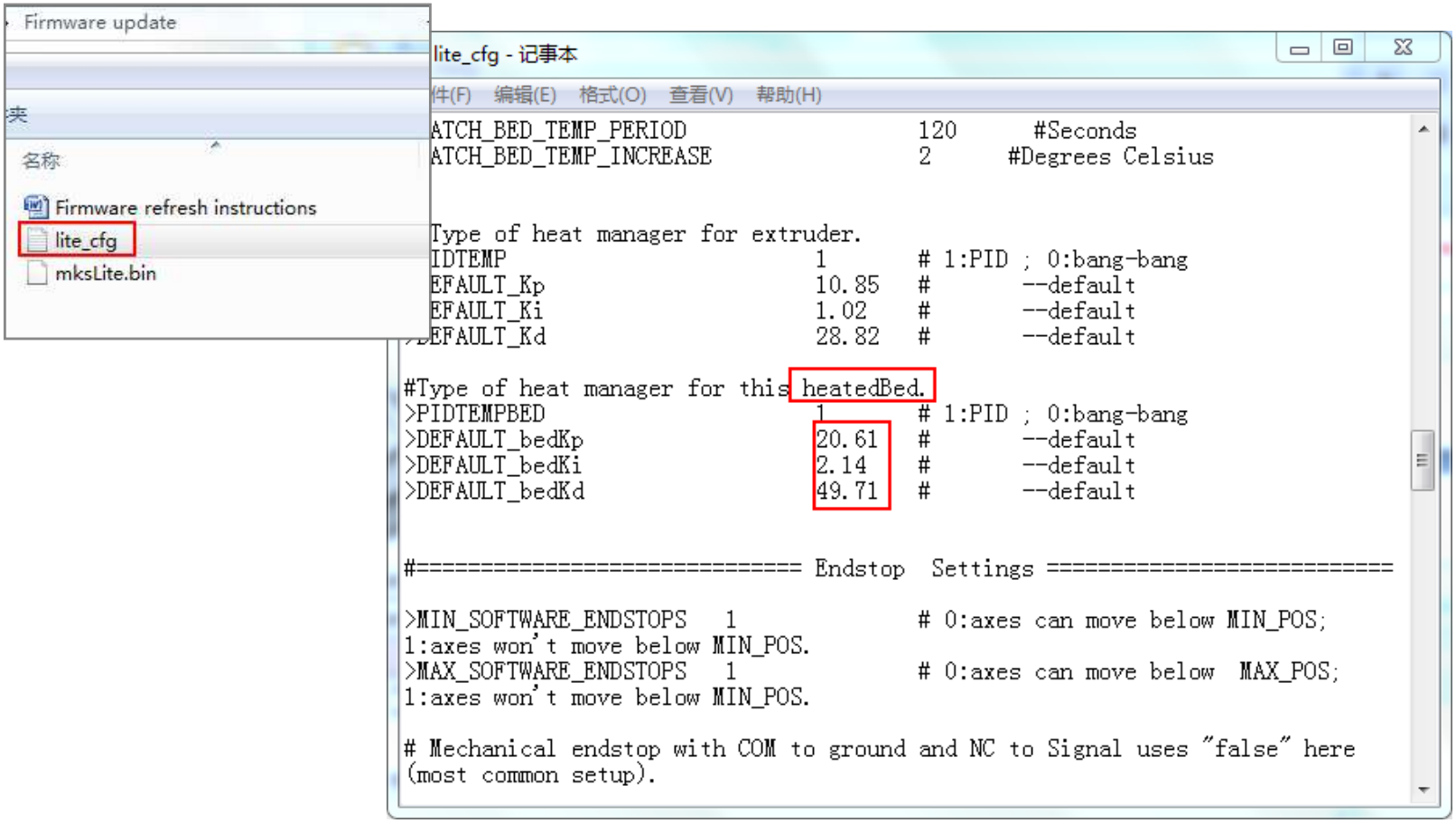
Hot bed PID adjustment method:

1. Send the command : M303 B S50

(50 is the hot bed temperature, Example:

PLA hot bed 50 ° C ABS hot bed 100 ° C)




Firmware update
名称
Firmware refresh instructions
lite_cfg
mksLite.bin
lite_cfg - 记事本
件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)
ATCH_BED_TEMP_PERIOD 120 #Seconds
ATCH_BED_TEMP_INCREASE 2 #Degrees Celsius
Type of heat manager for extruder.
IDTEMP 1 # 1:PID ; 0:bang-bang
EFAULT_Kp 10.85 # --default
EFAULT_Ki 1.02 # --default
EFAULT_Kd 28.82 # --default
#Type of heat manager for this heatedBed.
>PIDTEMPBED 1 # 1:PID ; 0:bang-bang
>DEFAULT_bedKp 20.61 # --default
>DEFAULT_bedKi 2.14 # --default
>DEFAULT_bedKd 49.71 # --default
#============================== Endstop Settings ==============================
>MIN_SOFTWARE_ENDSTOPS 1 # 0:axes can move below MIN_POS;
1:axes won't move below MIN_POS.
>MAX_SOFTWARE_ENDSTOPS 1 # 0:axes can move below MAX_POS;
1:axes won't move below MIN_POS.
Mechanical endstop with COM to ground and NC to Signal uses "false" here
(most common setup).

File update save with lite_cfg .

Copy the re-saved "lite_cfg.txt" file and "mksLite.bin" to the TF card, and restart the power update firmware.

- Unplug the USB computer and the 3D printer
- Turn off the 3D Printer power
- Insert TF card
- Turn on the power
- The system will update automatically

Congratulations
Set up successfully

Any questions please contact us

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https://github.com/my3dltd/F1-MSK-V1.1-WIFI

https://diymaria.aliexpress.com/store/2092087