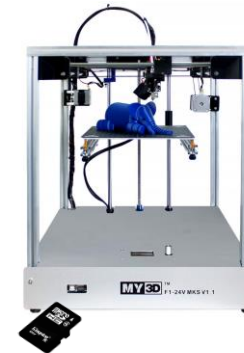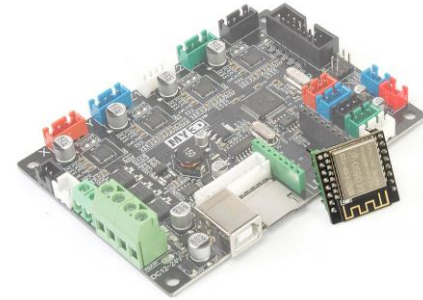# FOR F1 MKS V1.1 WIFI SETTING

Transfer files via WiFi and save in TF card

WIFI connection support Ultimaker_**Cura-4.2.0-BETA**

Computer and 3D printer connected via WiFi BY CURA 4.2。
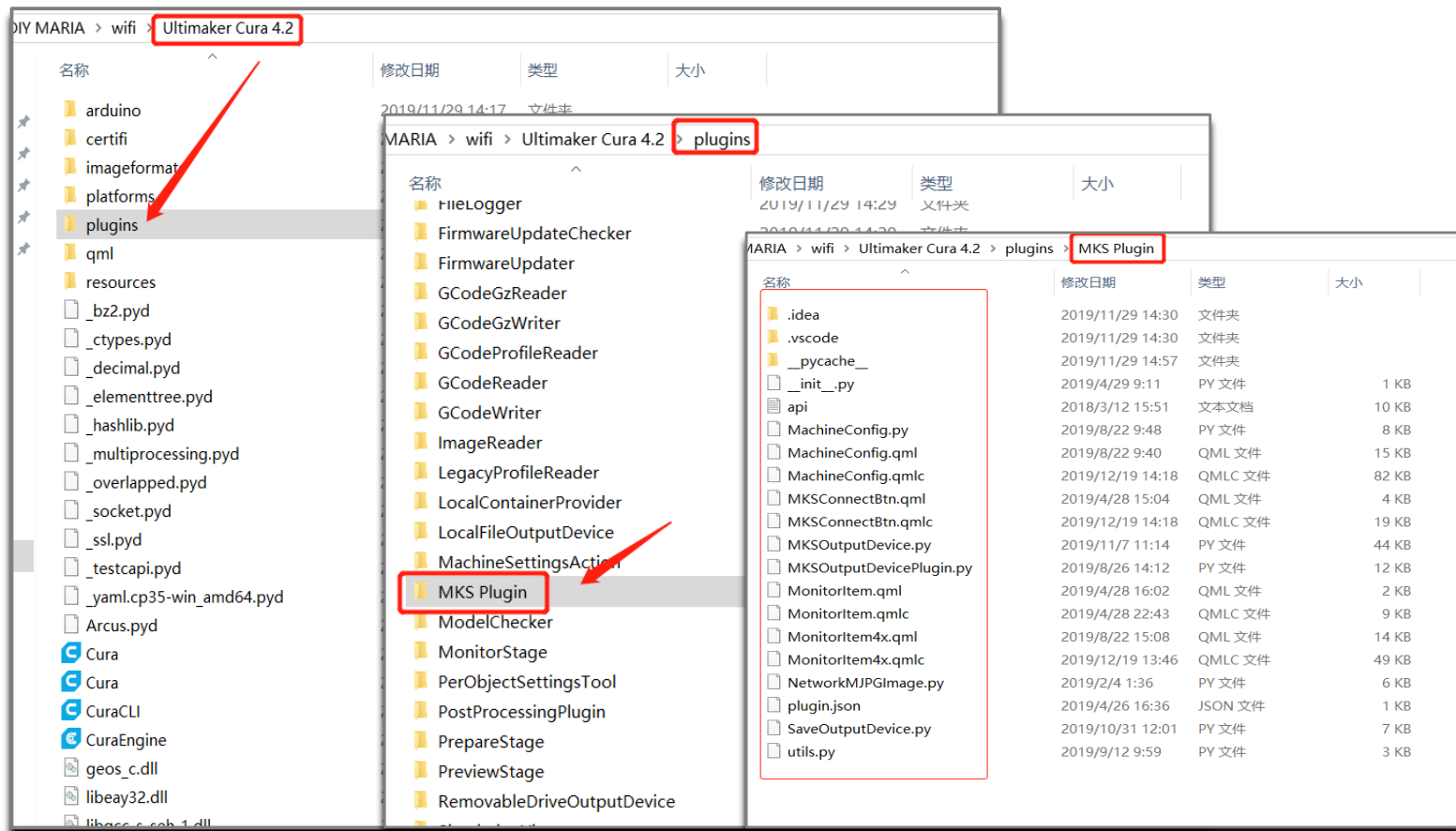Need TF card plug into the motherboard the all times.
Otherwise, will report an error.

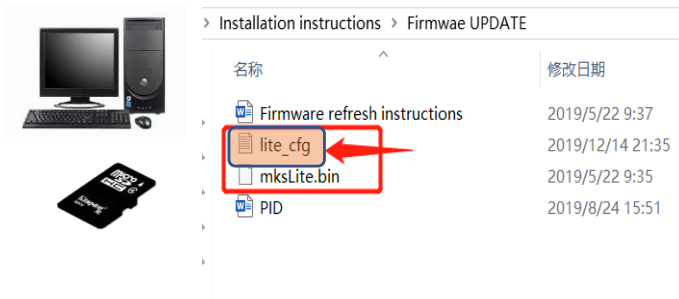# 1 Download and install <CURA> sectioning software

cura4.2 https://github.com/Ultimaker/Cura/releases/tag/4.2-beta

2 Download <MKS plugin> Copy the file to the CURA installation directory plugins directory.

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

- Modify: WiFi username password--connection

1 Open the **lite_cfg** file with Notepad

Download the latest firmware
https://github.com/my3dltd/F1-MKS-V1.1-Firmware
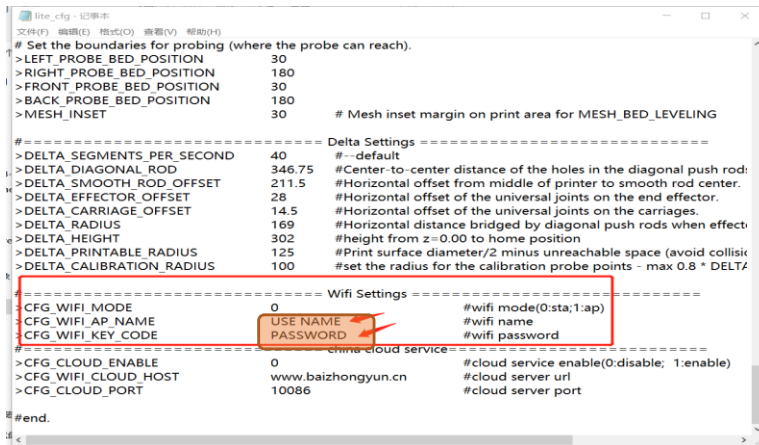
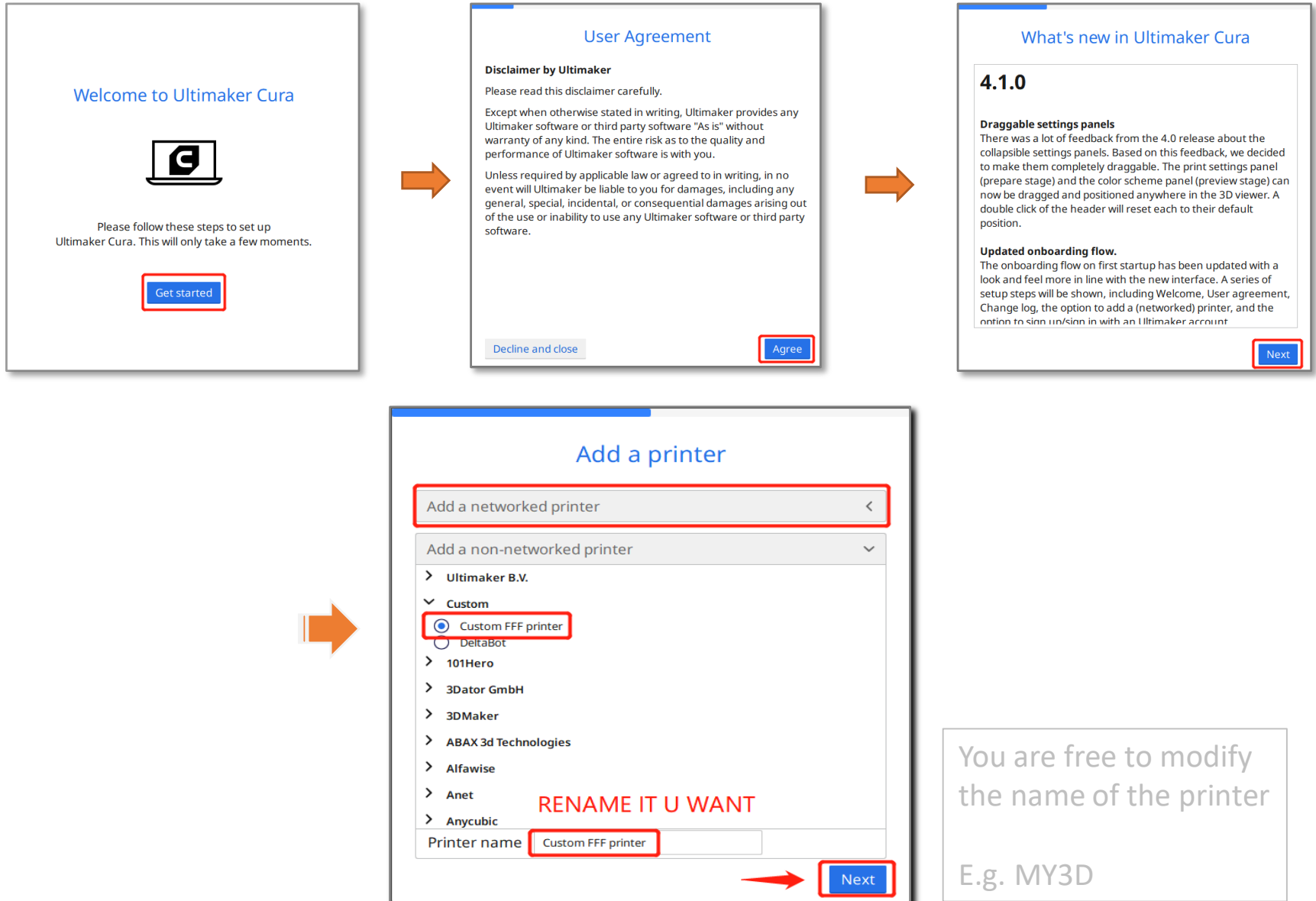**2** WIFI SETTING
username and password

3 Copy the modified **lite_cfg** file and **mkslite.bin** to the TF card,
insert the 3D printer,
and then turn on the power switch again.
Will update automatically.

After the update, the files in the TF card are automatically invalidated (can be deleted) and can only be updated once.
If you need to update again. Need to re-copy the file into the TF card.

Set up CURA for first time installation

Welcome to Ultimaker Cura

Please follow these steps to set up Ultimaker Cura. This will only take a few moments.

[Get started]

User Agreement

Disclaimer by Ultimaker

Please read this disclaimer carefully.

Except when otherwise stated in writing, Ultimaker provides any Ultimaker software or third party software "As is" without warranty of any kind. The entire risk as to the quality and performance of Ultimaker software is with you.

Unless required by applicable law or agreed to in writing, in no event will Ultimaker be liable to you for damages, including any general, special, incidental, or consequential damages arising out of the use or inability to use any Ultimaker software or third party software.

[Decline and close]   [Agree]

What's new in Ultimaker Cura

4.1.0

Draggable settings panels
There was a lot of feedback from the 4.0 release about the collapsible settings panels. Based on this feedback, we decided to make them completely draggable. The print settings panel (prepare stage) and the color scheme panel (preview stage) can now be dragged and positioned anywhere in the 3D viewer. A double click of the header will reset each to their default position.

Updated onboarding flow.
The onboarding flow on first startup has been updated with a look and feel more in line with the new interface. A series of setup steps will be shown, including Welcome, User agreement, Change log, the option to add a (networked) printer, and the option to sign up/sign in with an Ultimaker account.

[Next]

Add a printer

Add a networked printer   <

Add a non-networked printer   ∨

> Ultimaker B.V.
∨ Custom
  ⦿ Custom FFF printer
  ○ DeltaBot
> 101Hero
> 3Dator GmbH
> 3DMaker
> ABAX 3d Technologies
> Alfawise
> Anet
> Anycubic

RENAME IT U WANT

Printer name   Custom FFF printer

[Next]

You are free to modify the name of the printer

E.g. MY3D

Machine Settings

Printer tab

Printer Settings

			Printhead Settings		
X (Width)	210	mm	X min	20	mm
Y (Depth)	210	mm	Y min	10	mm
Z (Height)	240	mm	X max	10	mm
Build plate shape	Rectang... ▾		Y max	10	mm
Origin at center	☐		Gantry Height	240	mm
Heated bed	☑		Number of Extruders	1 ▾	
G-code flavor	Marlin ▾				

Start G-code

```
G21      ;metric values
G90      ;absolute positioning
M82      ;set extruder to absolu     A
M107     ;start with the fan off
```

End G-code

```
M104 S0                 ;extru
M140 S0                 ;heate     B
G91
G1 E-1 F300             ;retract
```

Close

Extruder 1 tab

Nozzle Settings

Nozzle size	0.4	mm
Compatible material diameter	1.75	mm
Nozzle offset X	0	mm
Nozzle offset Y	0	mm
Cooling Fan Number	0	

Extruder Start G-code — C

Extruder End G-code — D

Next

A

```
G21        ;metric values
G90        ;absolute positioning
M82        ;set extruder to absolute mode
M107       ;start with the fan off
G28 X0 Y0  ;move X/Y to min endstops
G28 Z0     ;move Z to min endstops
G1 Z15.0 F{travel_speed} ;move the platform down 15mm
G92 E0              ;zero the extruded length
G1 F200 E3          ;extrude 3mm of feed stock
G92 E0              ;zero the extruded length again
G1 F{travel_speed};Put printing message on LCD screen
M117 Printing...
```

B

```
M104 S0                 ;extruder heater off
M140 S0                 ;heated bed heater off
G91                     ;relative positioning
G1 E-1 F300             ;retract the filament a bit before lifting the nozzle,
                        ; to release some of the pressure
G1 Z+0.5 E-5 X-20 Y-20 F{travel_speed}
                        ; move Z up a bit and retract filament even more
G28 X0 Y0               ;move X/Y to min endstops,
                        ; so the head is out of the way the hot bed.
M84                     ;steppers off
G90                     ;absolute positioning
```

PS: copy and paste：Corresponds to A and B . You can also add C D modifications yourself

- **Setting up CURA with IP ADD**

Update configuration file
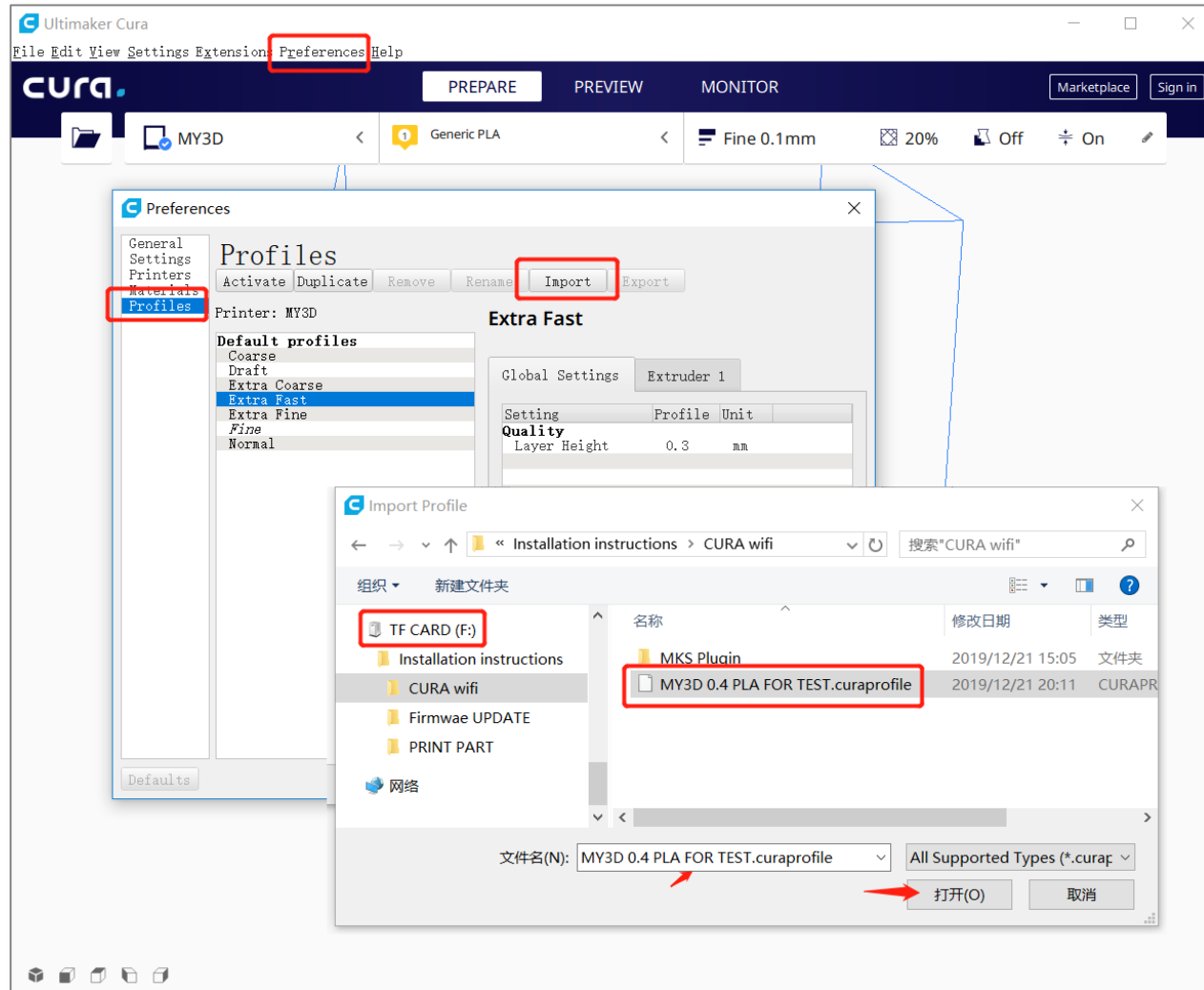
Can view the latest optimized profile

https://github.com/my3dltd/Profiles-for-CURE

Detection settings

Click on the XY HOME icon
Click on the Z home icon

the printer Limit switch
(green light on)

If the icon is gray,
Please restart CURA.
And check the IP
settings.
Activate the printer,

Work with a printer using a CRUA wireless connection
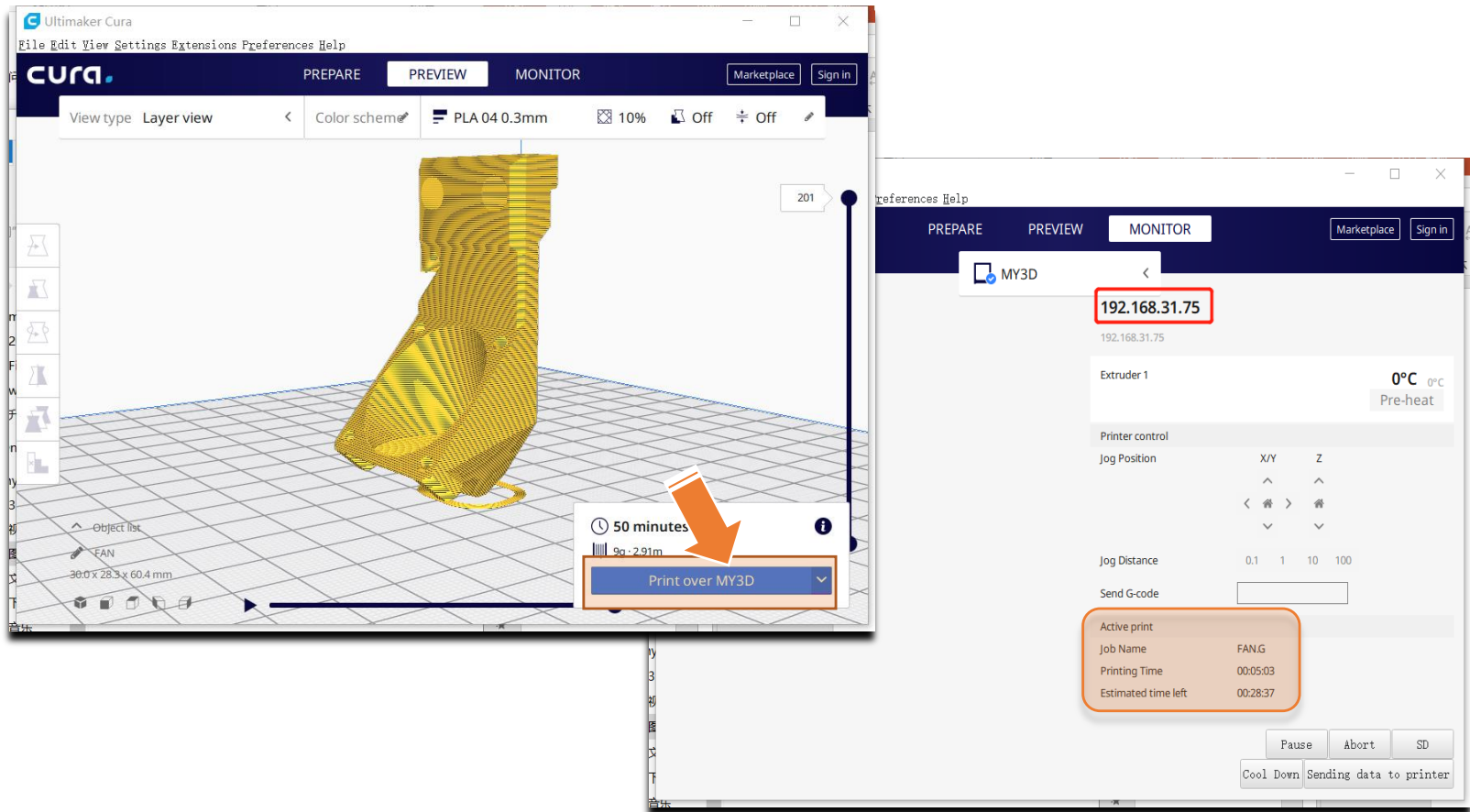
Congratulations
Set up successfully