

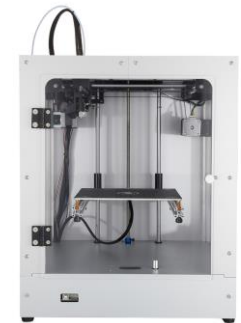
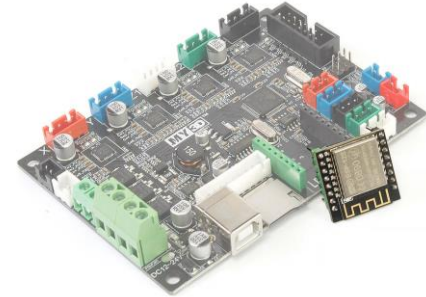
FOR FI-A F1-A V1.1 WIFI SETTING

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.

Transfer files via WiFi and save in TF card



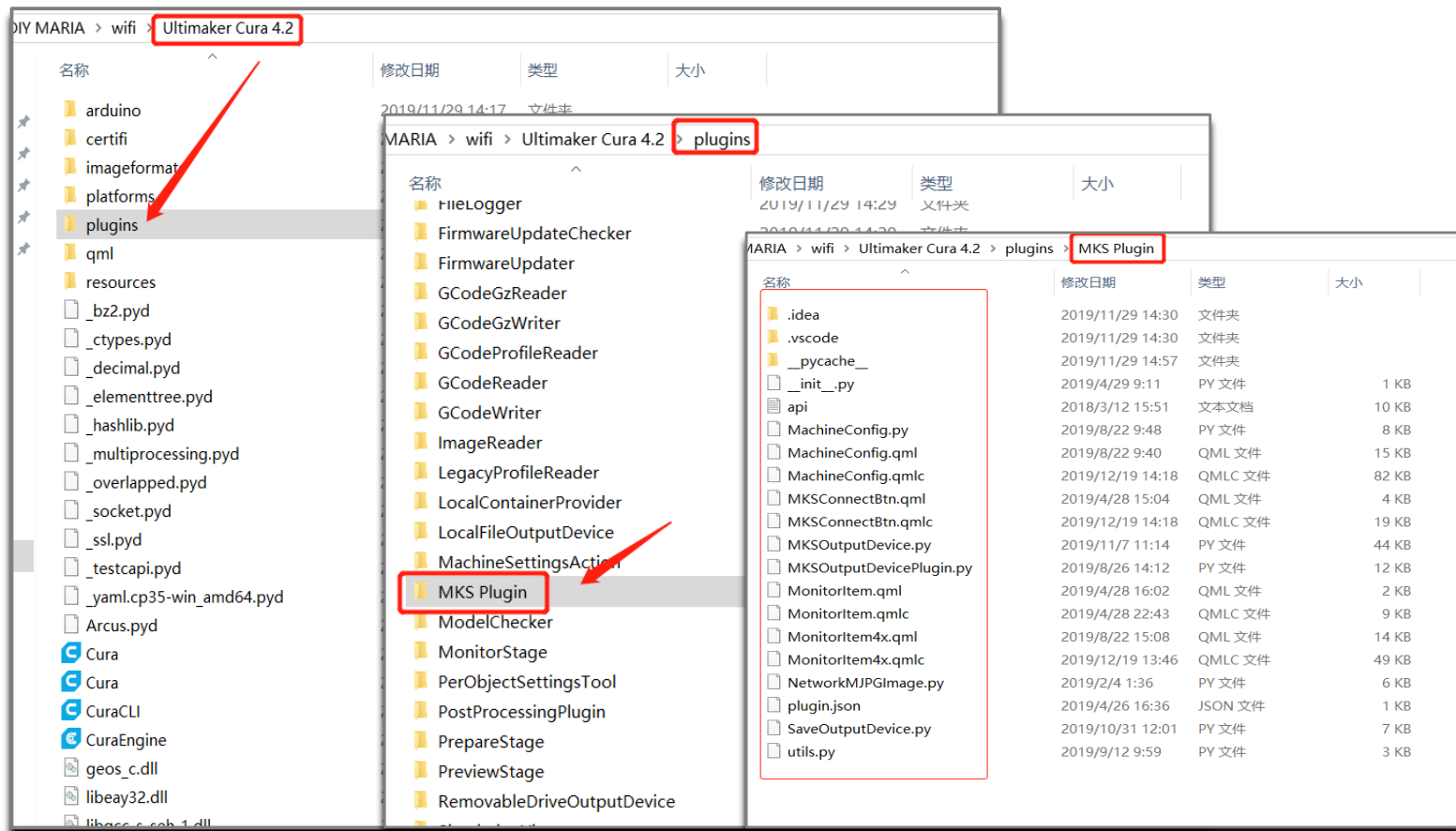
WiFi connection support Ultimaker **Cura-4.2.0-BETA**

1 Download and install <CURA> sectioning software

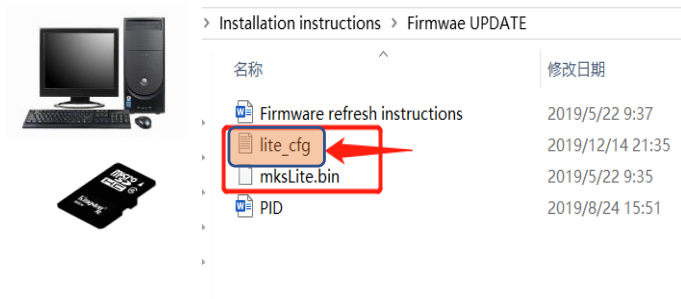
cura4.2 <https://github.com/Ultimaker/Cura/releases/tag/4.2-beta>

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

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



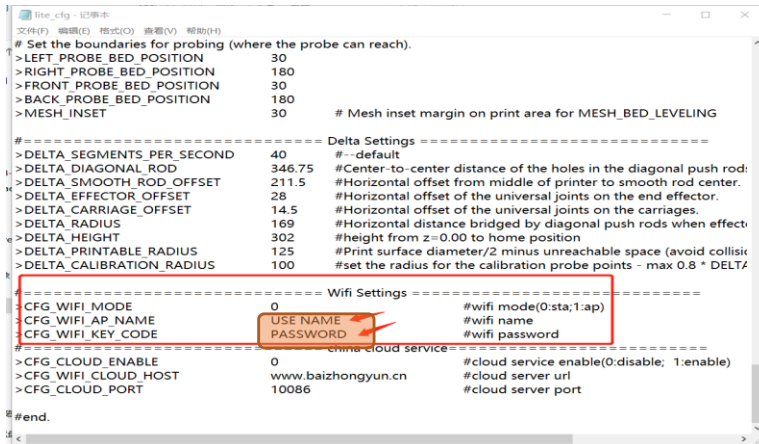
• Modify: WiFi username password--connection



1

Open the lite_cfg file with Notepad

Download the latest firmware
<https://github.com/my3dlttd/F1-MKS-V1.1-Firmware>



2

WIFI SETTING
username and password

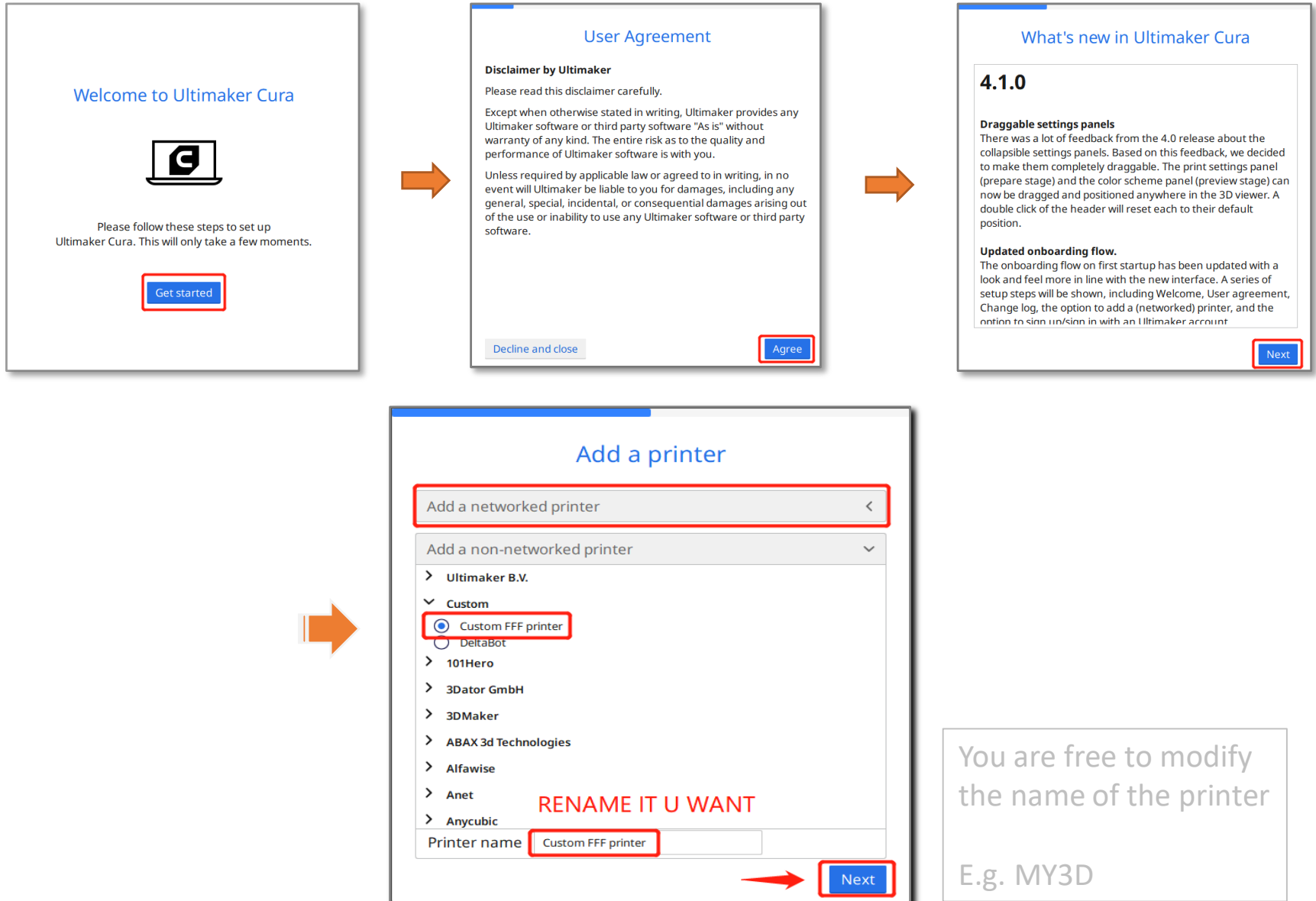


3

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



Machine Settings

Printer Extruder 1

Printer Settings

X (Width) 210 mm

Y (Depth) 210 mm

Z (Height) 240 mm

Build plate shape Rectang... ▾

Origin at center ☐

Heated bed ☒

G-code flavor Marlin ▾

Printhead Settings

X min 20 mm

Y min 10 mm

X max 10 mm

Y max 10 mm

Gantry Height 240 mm

Number of Extruders 1 ▾

Start G-code

G21 ;metric values

G90 ;absolute positioning

M82 ;set extruder to absolute mode

M107 ;start with the fan off

End G-code

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

Close

Machine Settings

Printer Extruder 1

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

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...

A

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

B

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

- Setting up CURA with IP ADD

The image illustrates the steps to configure Cura for network printing. It shows the Cura interface with the 'Preferences' dialog open, specifically the 'Printers' section. A red box highlights the 'MKS WIFI' button. An orange arrow points from this button to the 'Connect to Networked Printer' dialog. In this dialog, the 'Add' button is highlighted with a red box, and an orange arrow points to the 'Printer Address' dialog. The 'Printer Address' dialog shows the IP address '192.168.31.75' entered in the text field. On the left, two screenshots of a printer's LCD screen show the 'Wifi' menu and the 'IP:192.168.31.75' configuration.

Ultimaker Cura
File Edit View Settings Extensions Preferences Help

cura.
MY3D

Preferences

General Settings
Materials Profiles

Printers

Activate Add Remove Rename

Local printers
MY3D

Update Firmware Machine Settings MKS WIFI

MKS WIFI

Connect to Networked Printer

To print directly to your printer over the network, please make sure your printer is connected to the network using a network cable or by connecting your printer to your WIFI network. If you don't connect Cura with your printer, you can still use a USB drive to transfer g-code files to your printer.

Select your printer from the list below:

Add Edit Remove Refresh

192.168.31.157
192.168.31.217
192.168.31.75

192.168.31.75

Type TFT WIFI

Printer Address

Enter the IP address or hostname of your printer on the network

192.168.31.75

Cancel OK

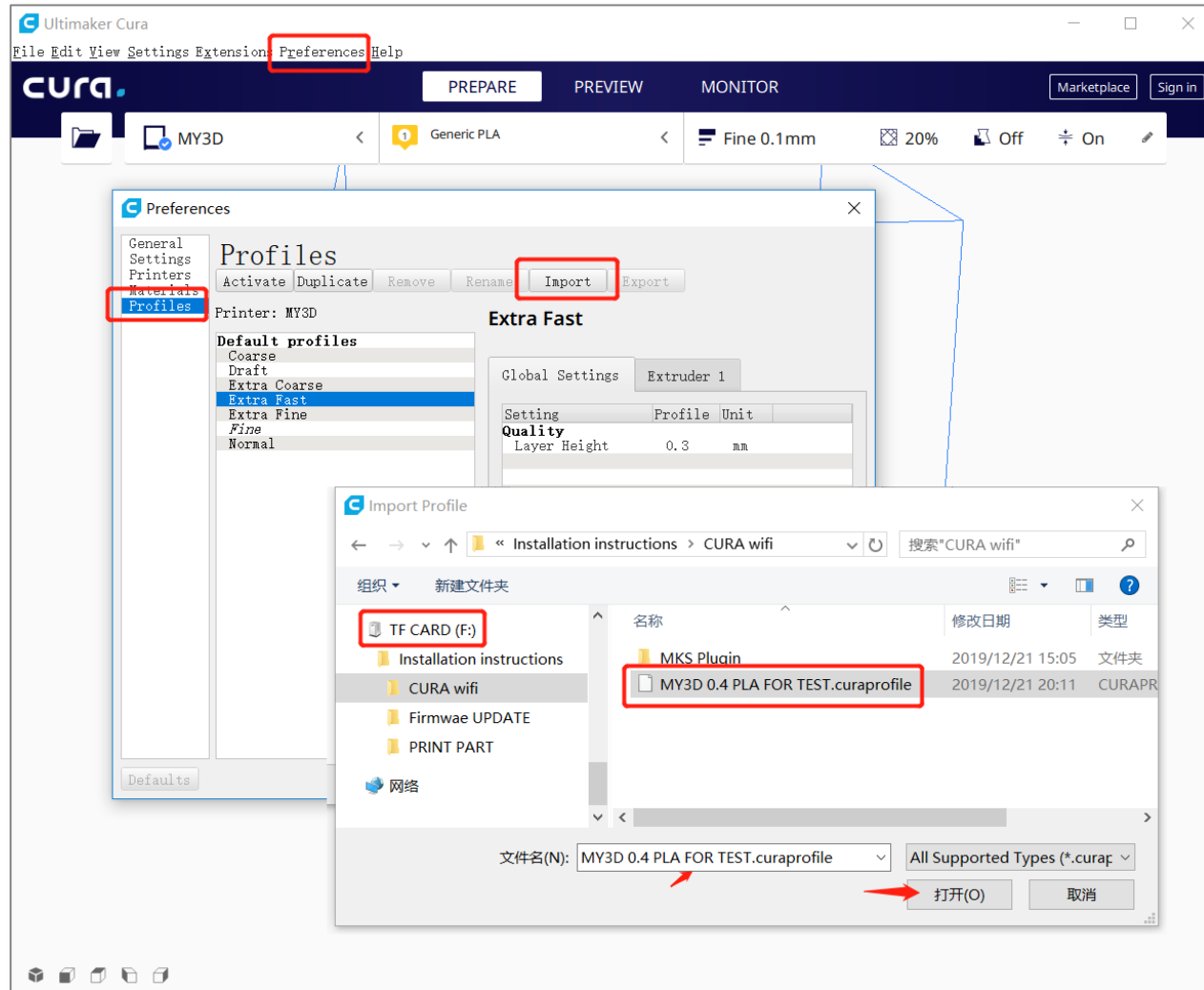
If your printer is not listed, read the [network printing troubleshooting guide](#)

Close

Preheat ABS
Control
Wifi
About Printer

Main
Cloud Service
IP:192.168.31.75
Wifi:MY3D

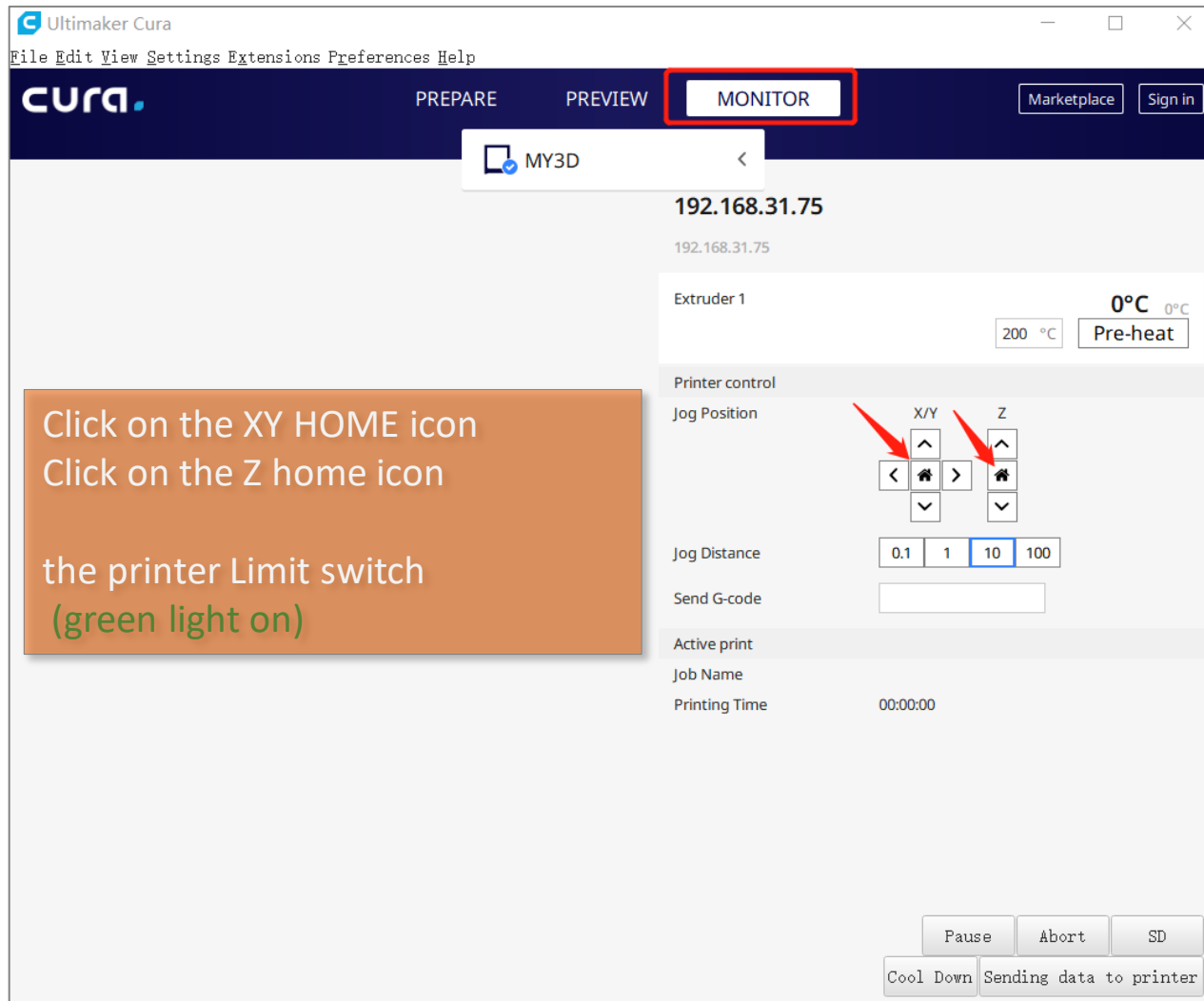
Update configuration file



Can view the latest optimized profile

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

Detection settings



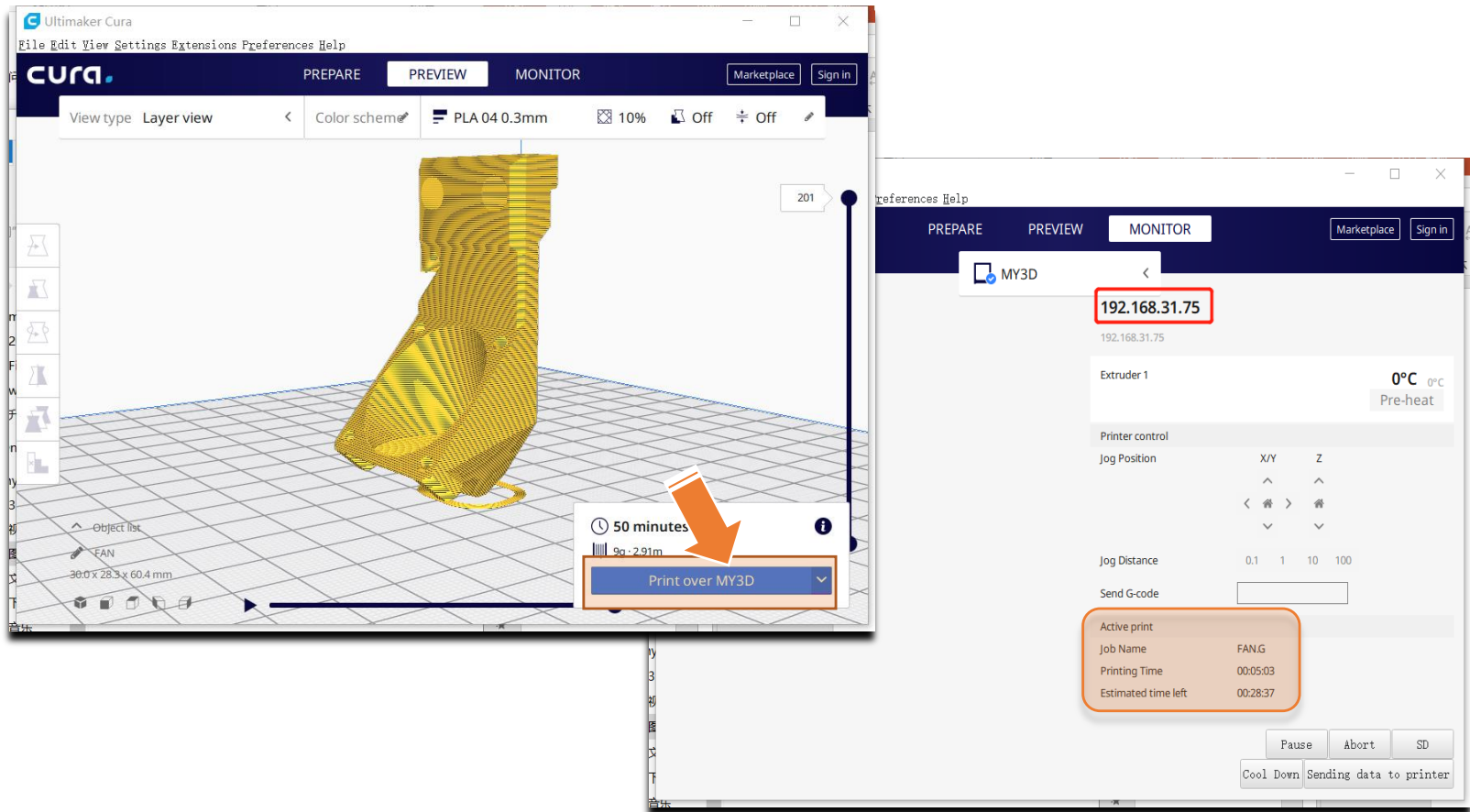
The screenshot shows the Ultimaker Cura software interface in the MONITOR tab. The top navigation bar includes 'PREPARE', 'PREVIEW', and 'MONITOR' (highlighted with a red box). Below the navigation bar, a dropdown menu shows 'MY3D'. The main area displays the printer's IP address '192.168.31.75'. Under 'Extruder 1', the temperature is '0°C' with a 'Pre-heat' button. The 'Printer control' section includes 'Jog Position' with directional buttons for X/Y and Z, and 'Jog Distance' with a value of '10'. At the bottom, there are buttons for 'Pause', 'Abort', 'SD', 'Cool Down', and 'Sending data to printer'.

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



MY3D
DIYMARIA

Any questions please contact us
my3dltd@163.com
<https://github.com/my3dltd/F1-MSK-V1.1-WIFI>
<https://diymaria.aliexpress.com/store/2092087>