

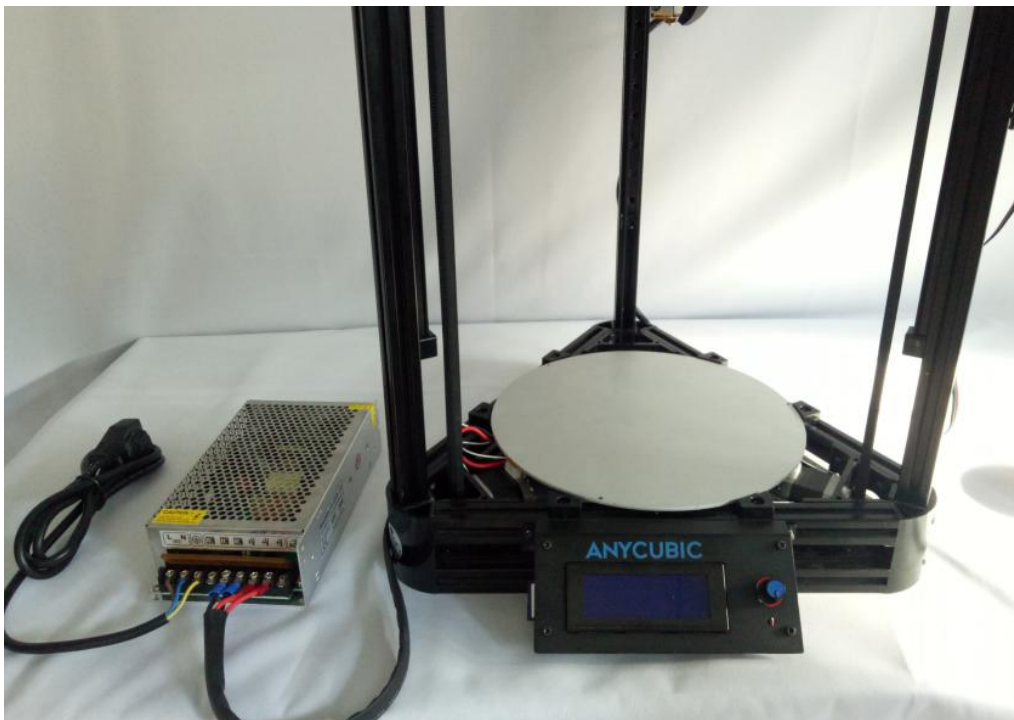
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# Installation of heated bed

## Type 1: PCB Heated bed



## Type 2: Aluminium heated bed



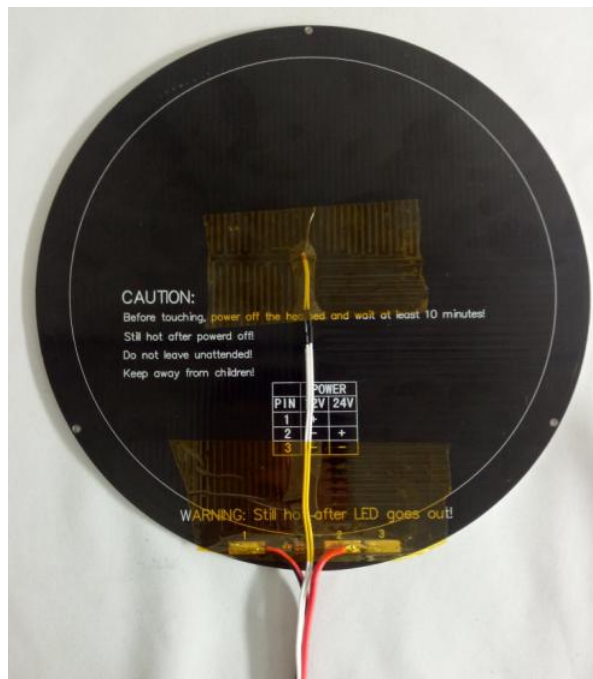
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## Step 1:

**PCB:** Stick the thermistor to the back side of PCB heated bed by Kapton tape or similar, and then use clip to fix the glass plate to the upper side of heated bed.



**Aluminium:** stick the thermistor to the back side of PCB heated bed by Kapton tape or similar.



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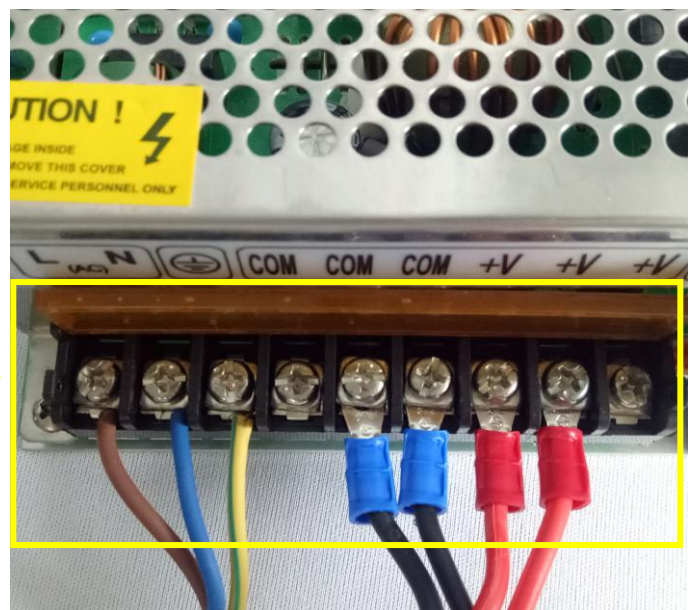
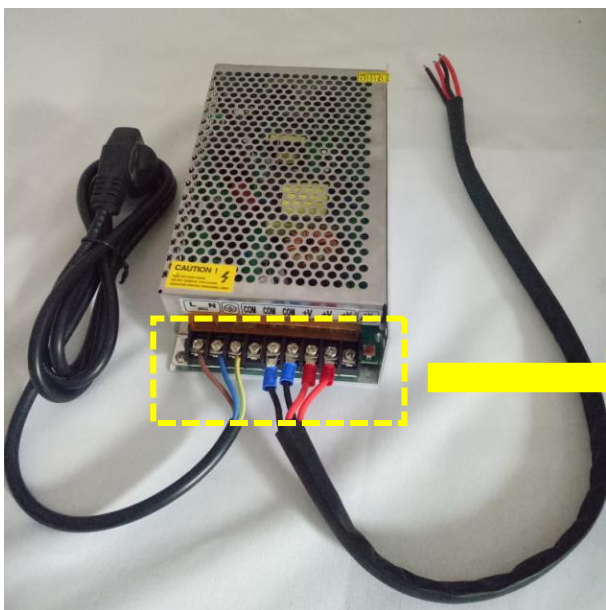
## Step 2:

Install the power cord and 12V power line to power supply unit as shown below. Peel off the insulation cover at the tip of the wires when necessary.

Pay close attention to the terminals/colors (brown to L, blue to N, yellow/green to )

**Attention: Put the lid back after wiring!**

**Keep out of reach of the children.**

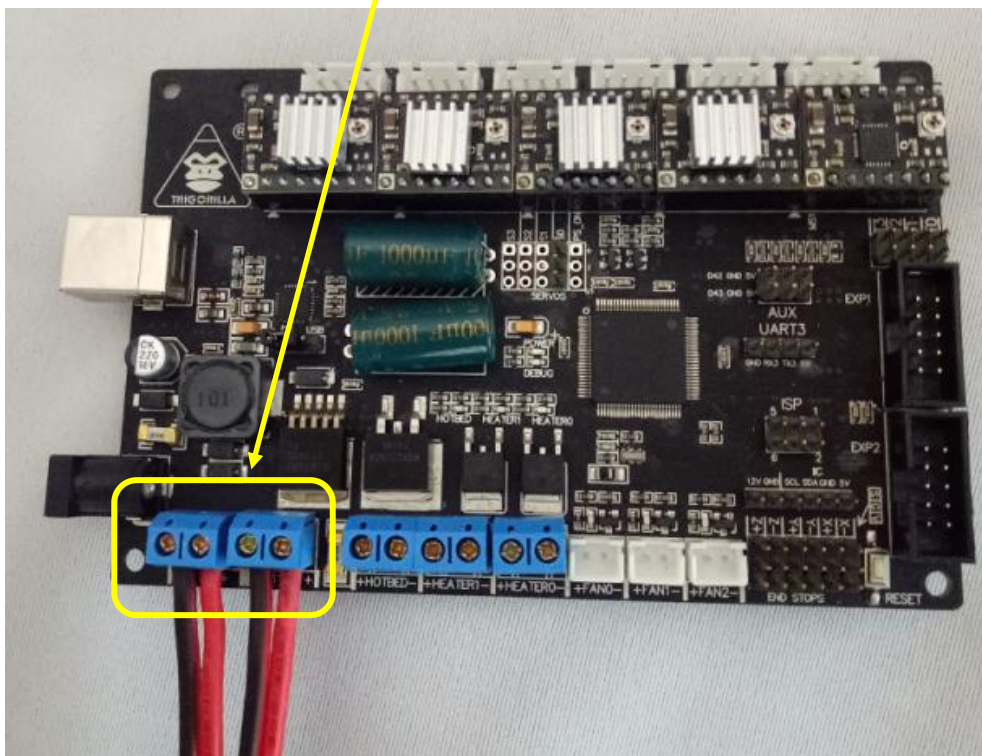
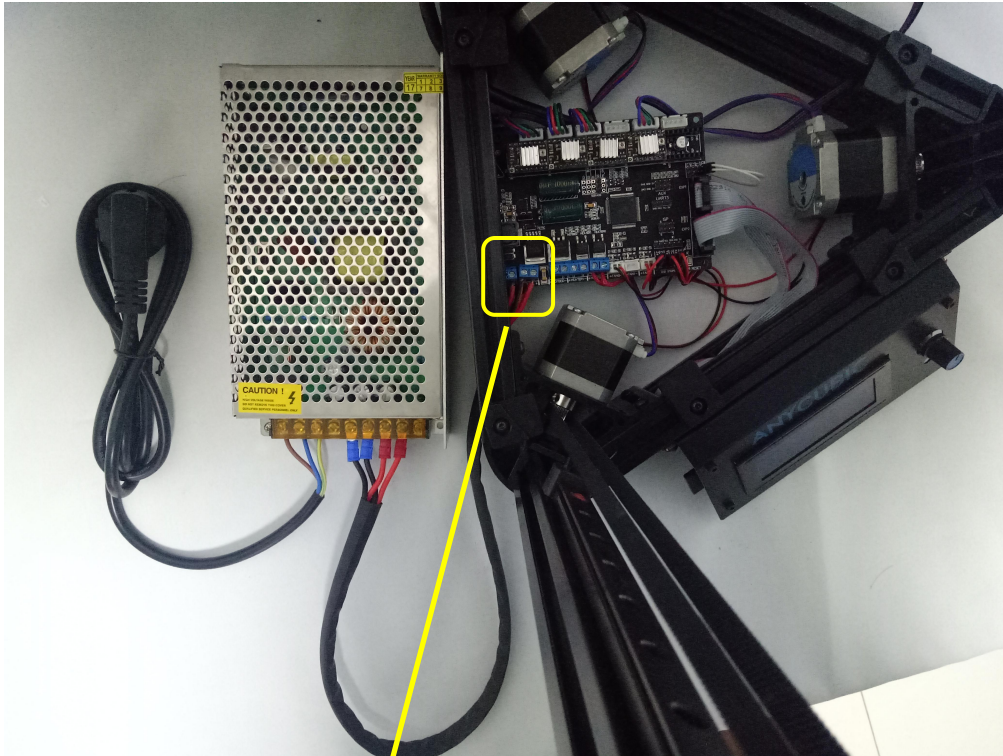


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### Step 3:

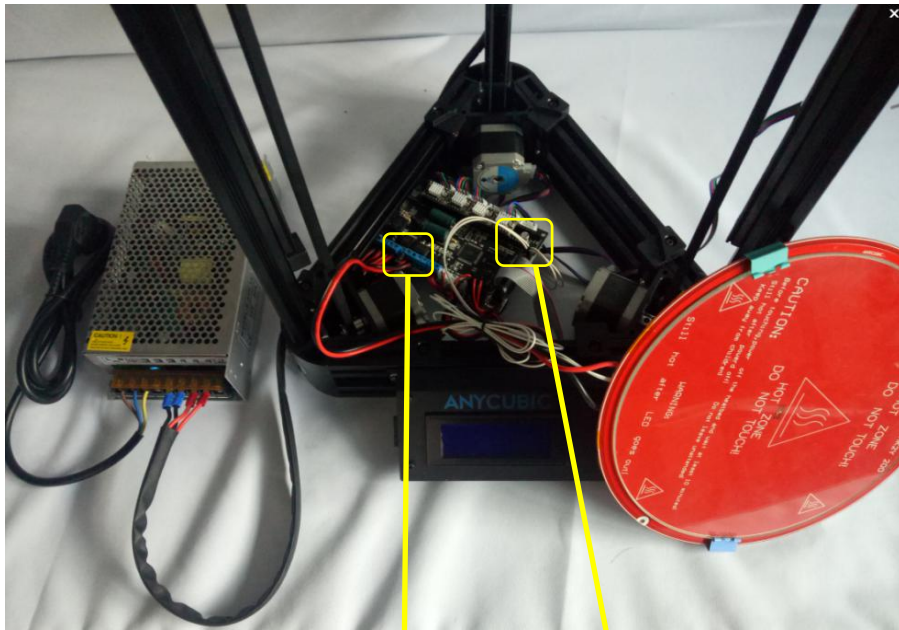
The wiring from power supply to mainboard is shown below:

Note: the two pairs of black and red lines are exchangeable.  
But please be mindful of the positive and negative ports on the mainboard.

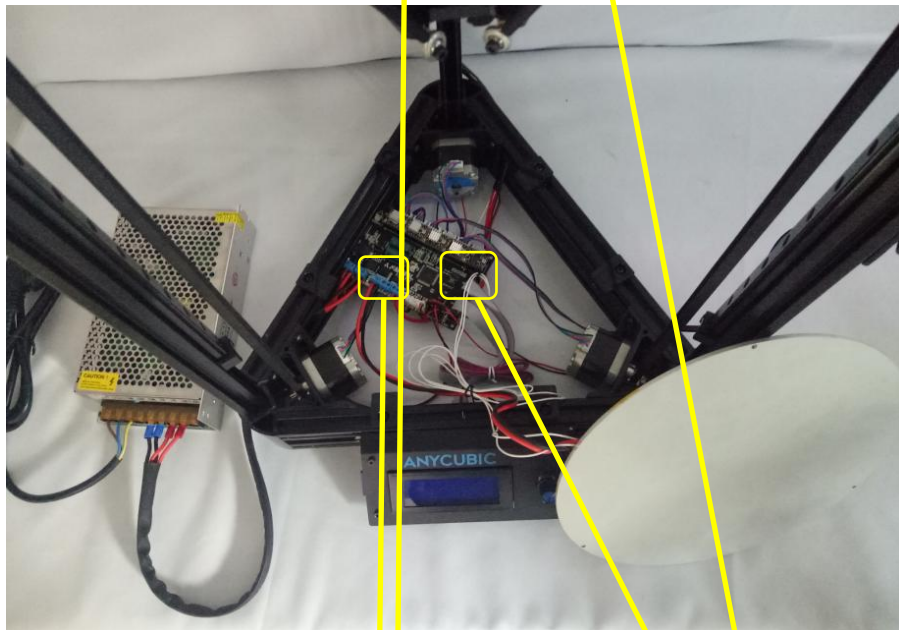


**Step 4:**

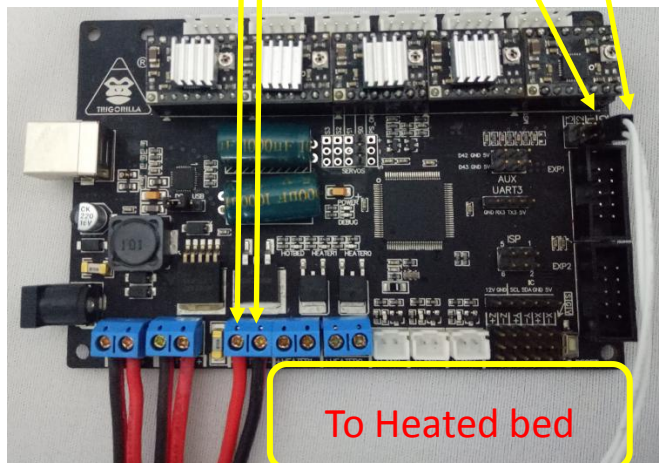
**Wire the thermistor and heated bed to mainboard.**



PCB  
Heated bed



Aluminium  
Heated bed



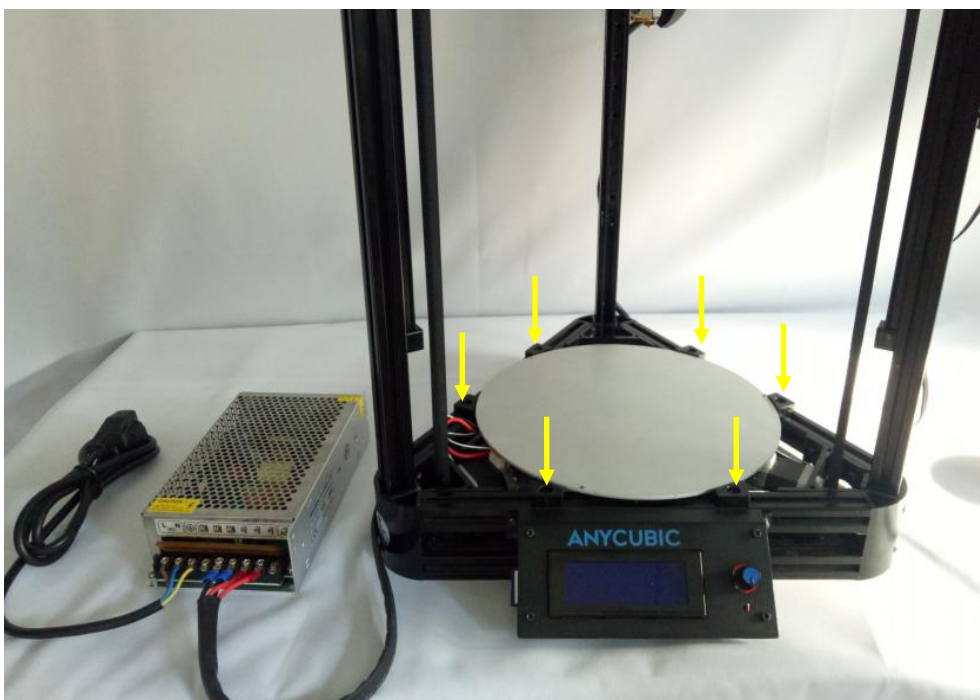
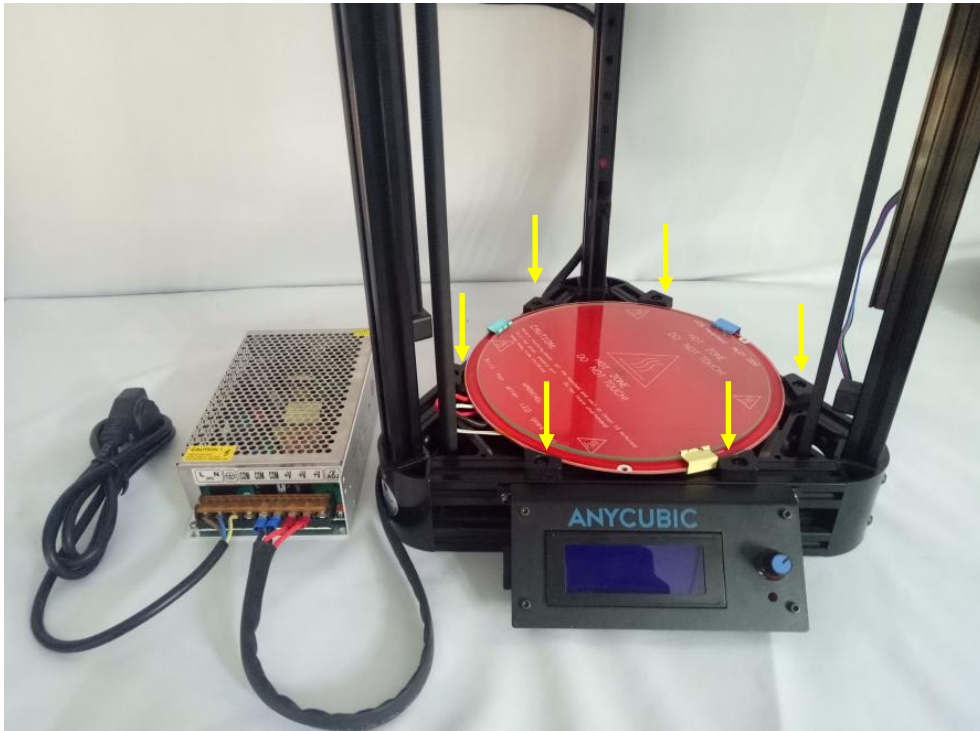
To T1

To Heated bed

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## Step 5:

Fix the heated bed with the blocks, and finish.



## Step 6:

Put everything in order. And upload mainboard with firmware that supports hotbed.

To find the firmware please check the link:

<https://drive.google.com/open?id=0B8VIB533cgdMSVMxNm43aG1OQ0U>



```
AnyCubic_Kosel | Arduino 1.0.6
File Edit Sketch Tools Help
AnyCubic_Kosel | BiliM.cpp | BiliM.h | Configuration.h | ConfigurationSho.cpp | ConfigurationSho.h | Configuration_Lark | DORMMtrous.h
// 0 is not used
// 1 is 100k thermistor - best choice for EPCOS 100k (4.7k pullup)
// 2 is 200k thermistor - ATC Semitec 204GT-2 (4.7k pullup)
// 3 is Mendel-parts thermistor (4.7k pullup)
// 4 is 10k thermistor !! do not use it for a hotend. It gives bad resolution at high temp. !!
// 5 is 100k thermistor - ATC Semitec 104GT-2 (Used in ParCan & J-Head) (4.7k pullup)
// 6 is 100k EPCOS - Not as accurate as table 1 (created using a fluke thermocouple) (4.7k pullup)
// 7 is 100k Honeywell thermistor 135-104LAG-201 (4.7k pullup)
// 71 is 100k Honeywell thermistor 135-104LAG-201 (4.7k pullup)
// 8 is 100k 3925 Vishay W55000C0104HTF (4.7k pullup)
// 9 is 100k GE Sensing AL03000-50-2K-97-G1 (4.7k pullup)
// 10 is 100k ES thermistor 189-961 (4.7k pullup)
// 20 is the PT100 circuit found in the Ultimainboard V2.x
// 60 is 100k Maker's Tool Works Kapton Bed Thermistor
//
// 1k ohm pullup tables - This is not normal, you would have to have changed out your 4.7k for 1k
// (but gives greater accuracy and more stable TID)
//
// 51 is 100k thermistor - EPCOS (1k pullup)
// 52 is 200k thermistor - ATC Semitec 204GT-2 (1k pullup)
// 55 is 100k thermistor - ATC Semitec 104GT-2 (Used in ParCan & J-Head) (1k pullup)
//
// 104T is Pt1000 with 4k7 pullup
// 104D is Pt1000 with 1k pullup (non standard)
// 147 is Pt100 with 4k7 pullup
// 110 is Pt100 with 1k pullup (non standard)
#define TEMP_SENSOR_0 5
#define TEMP_SENSOR_1 0
#define TEMP_SENSOR_2 0
#define TEMP_SENSOR_BED 0 // change the number 0 to 1, then reupload the firmware
// This makes temp sensor 1 a redundant sensor for sensor 0. If the temperatures difference between these sensors is to high the print will be aborted
```



- Also enable heated bed in your slicing software.
- Happy printing!