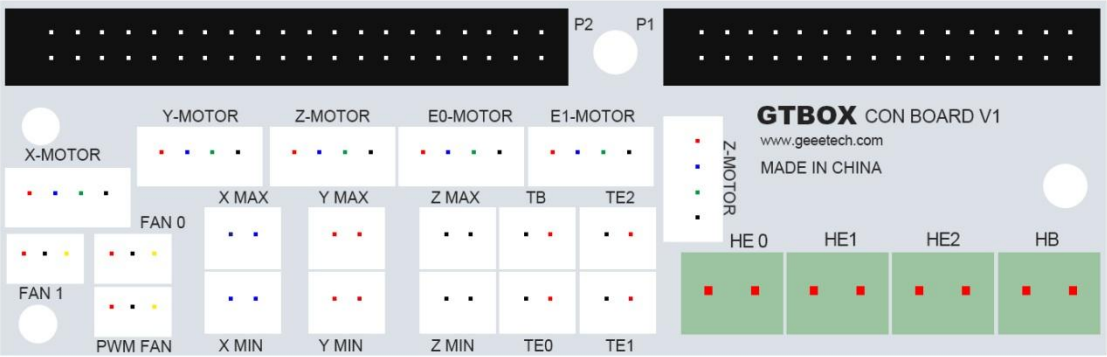
Wiring instruction

GT box control board Wire Connection Diagram



*

1.E for extruder

2.T for thermistor wire

3.H for heating wire

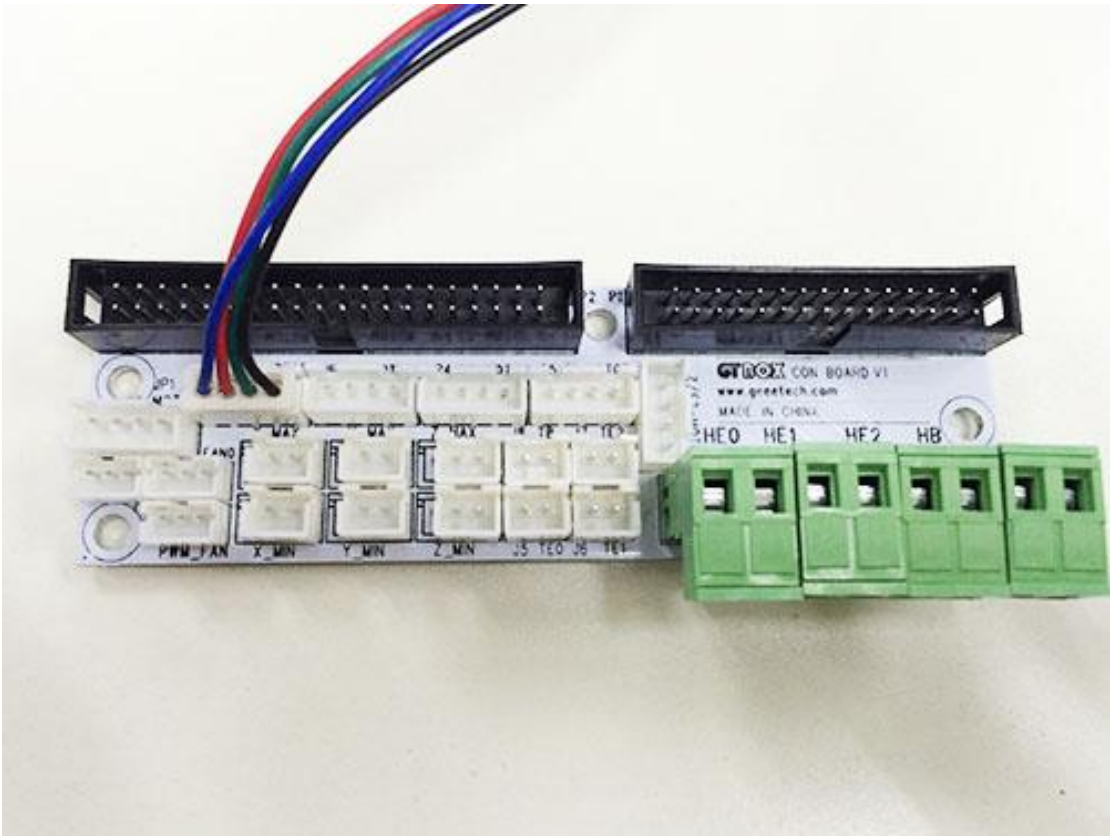
4.Min and max are for endstops

5.Wires for E-T-H should be paired. Do not mix the connect the thermistor wire of E0 to E1.

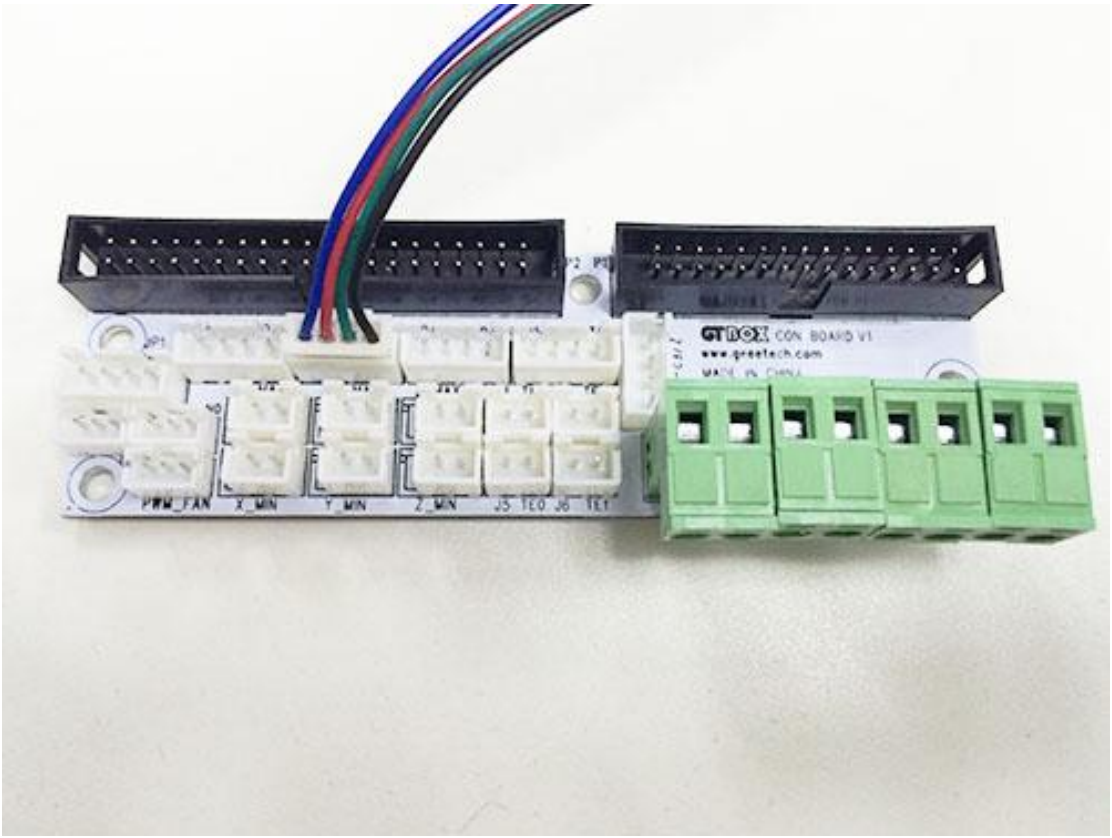
Step1. Connect wires for motors.

1) Connect wires for X-axis motor.

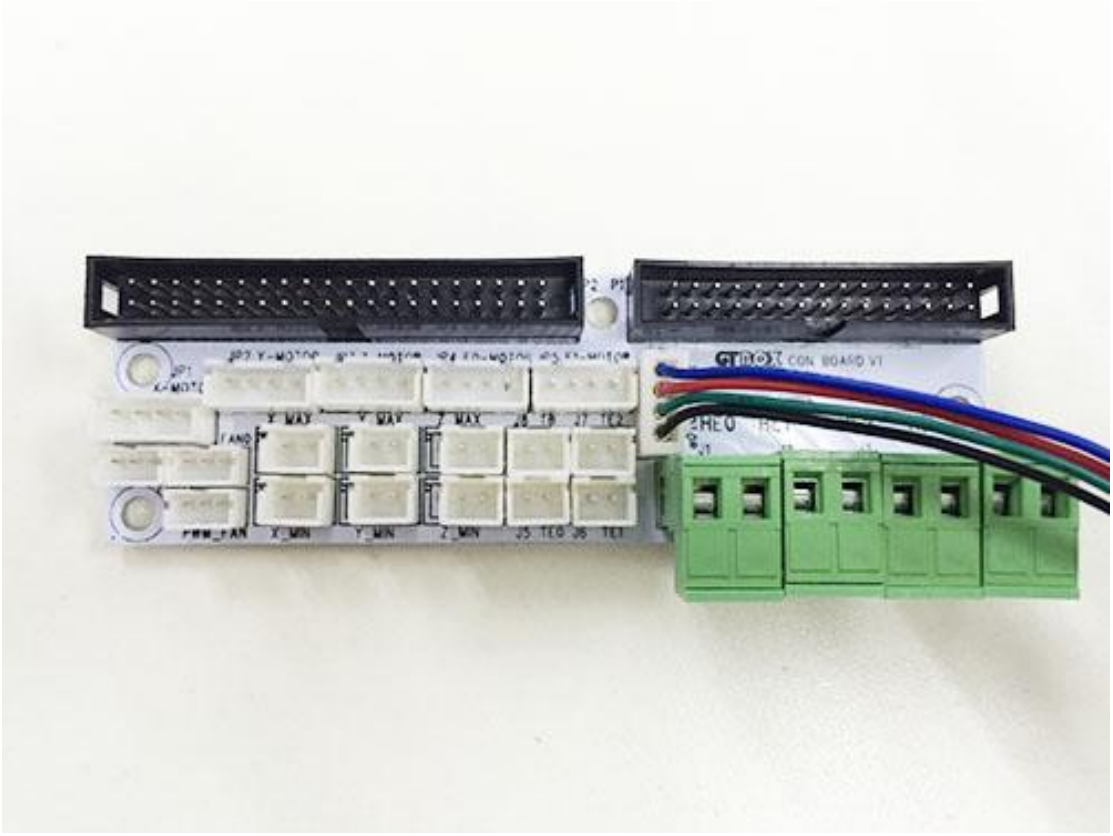
2) Connect wires for Y-axis motor.



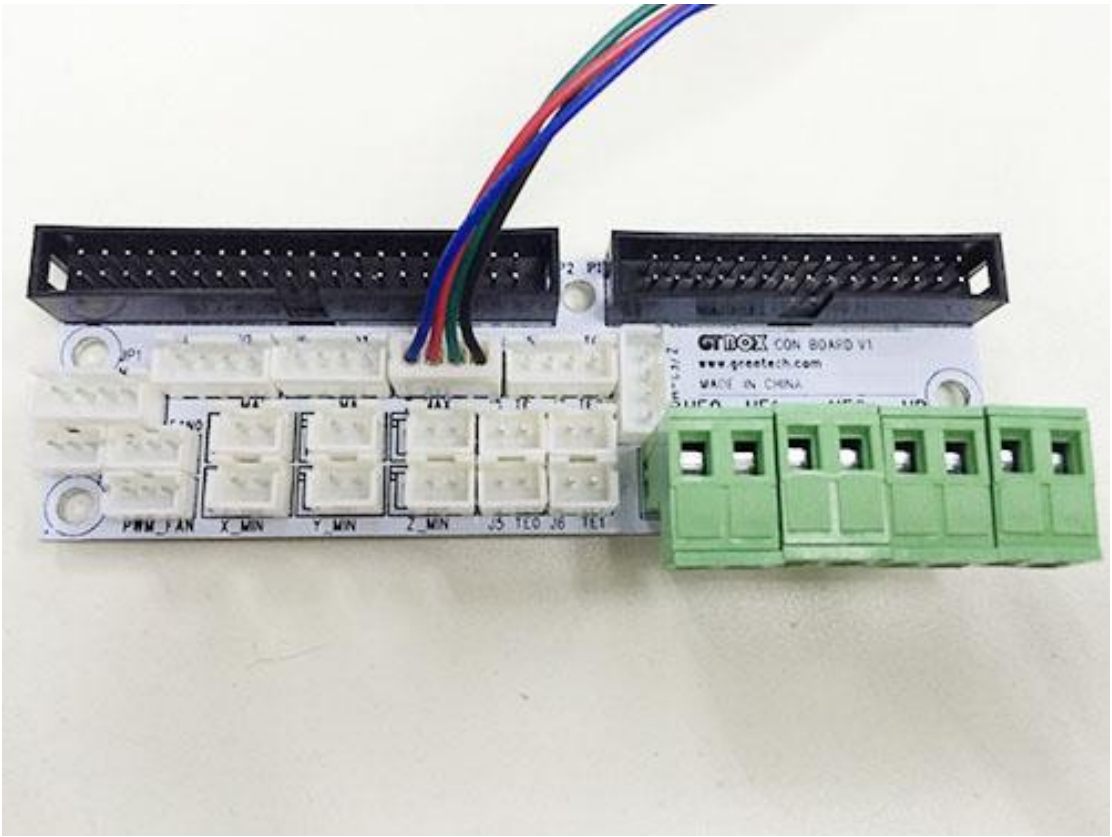
3) Connect wires for the Z-axis motors.



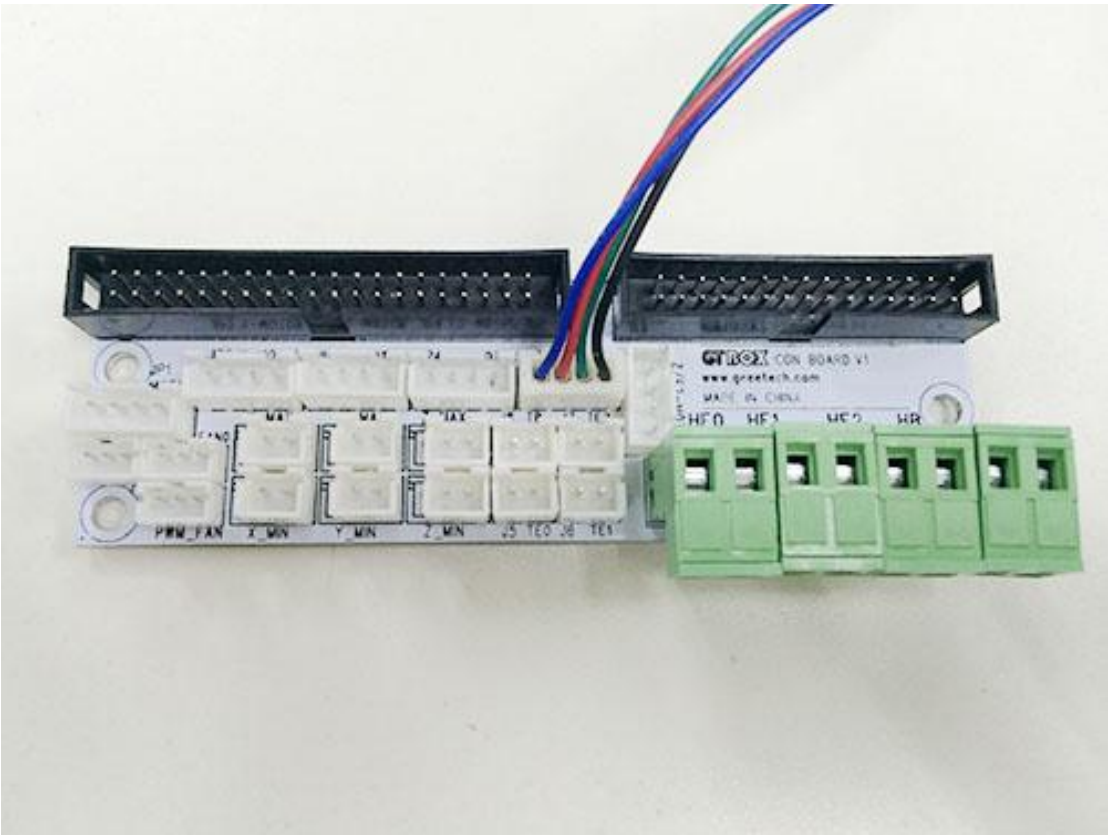
Another z motor (There are 2 Z motors for Prusa I3 Model)



4) Connect Extruder motor to E0



If you got two extruders, connect it to E1.

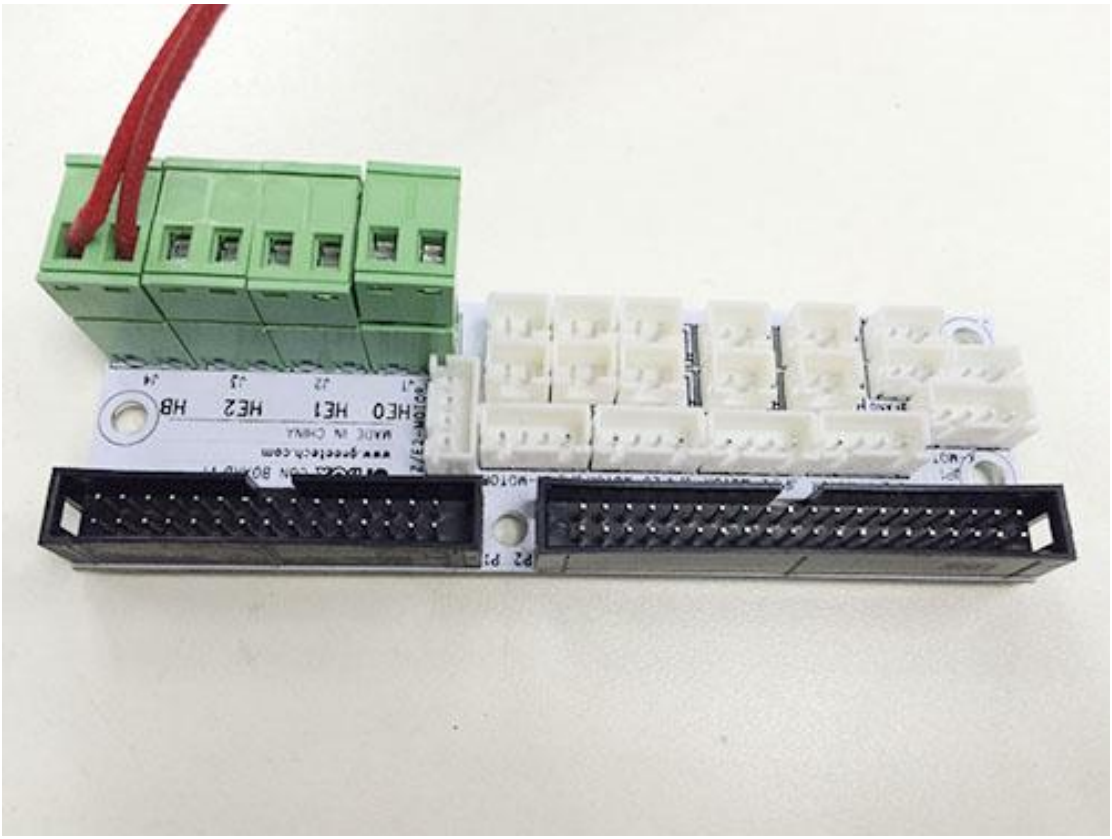


Step2. Connect heating wires.

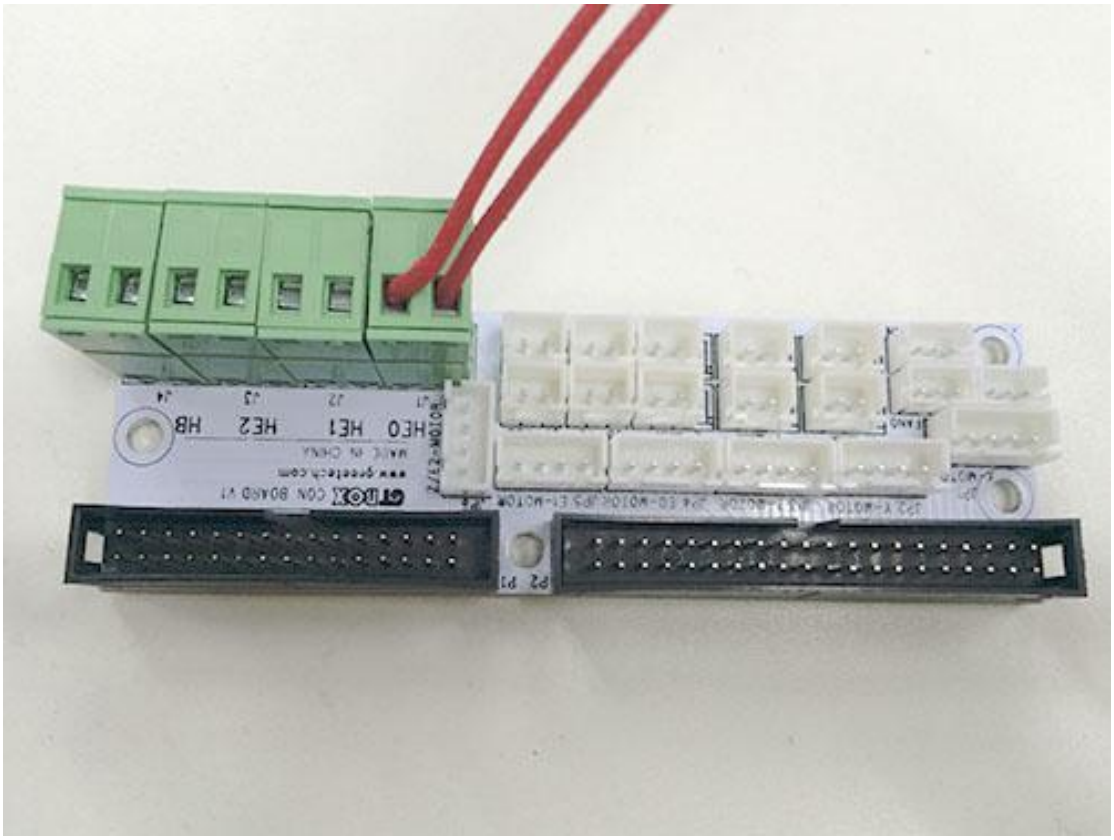
Loosed the screws in the blue terminal and put the red wires into the slot and screw it up.

* There is no “+” and “-“polarityfor heating wires

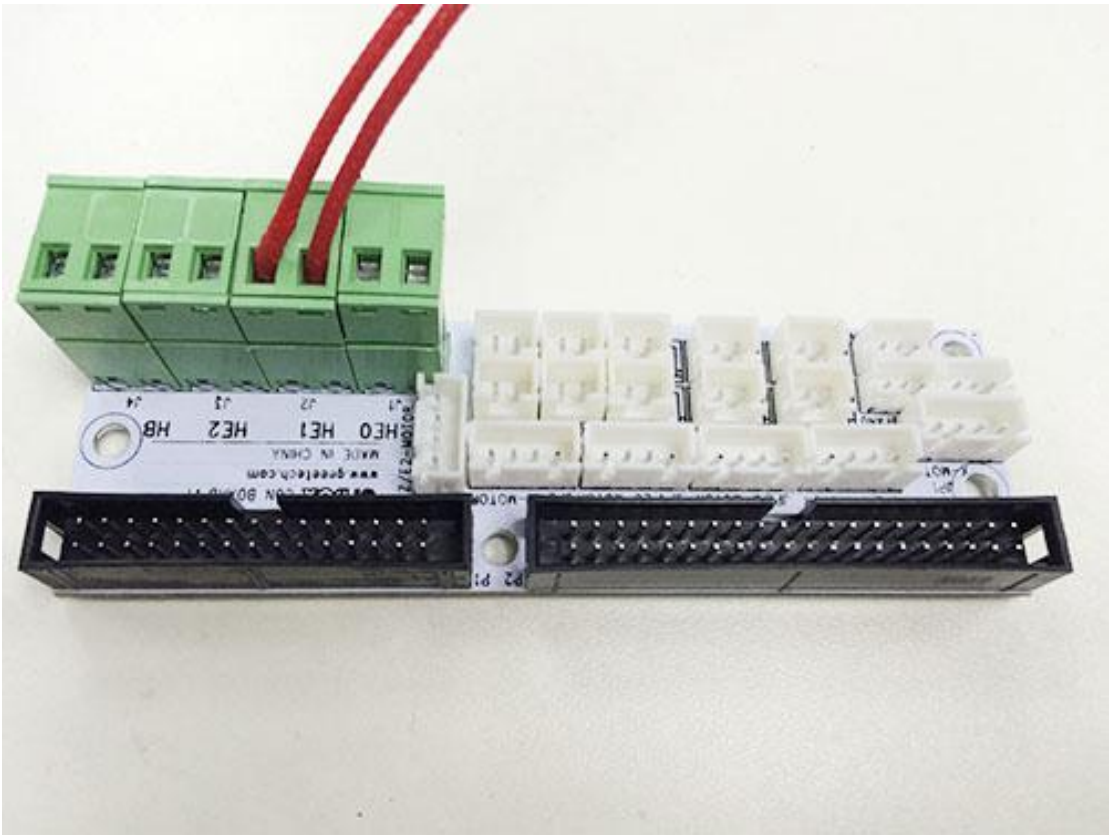
1) Connect heating wires for heatbed to HB.



2) Connect heating wires for extruder0 to HE0.

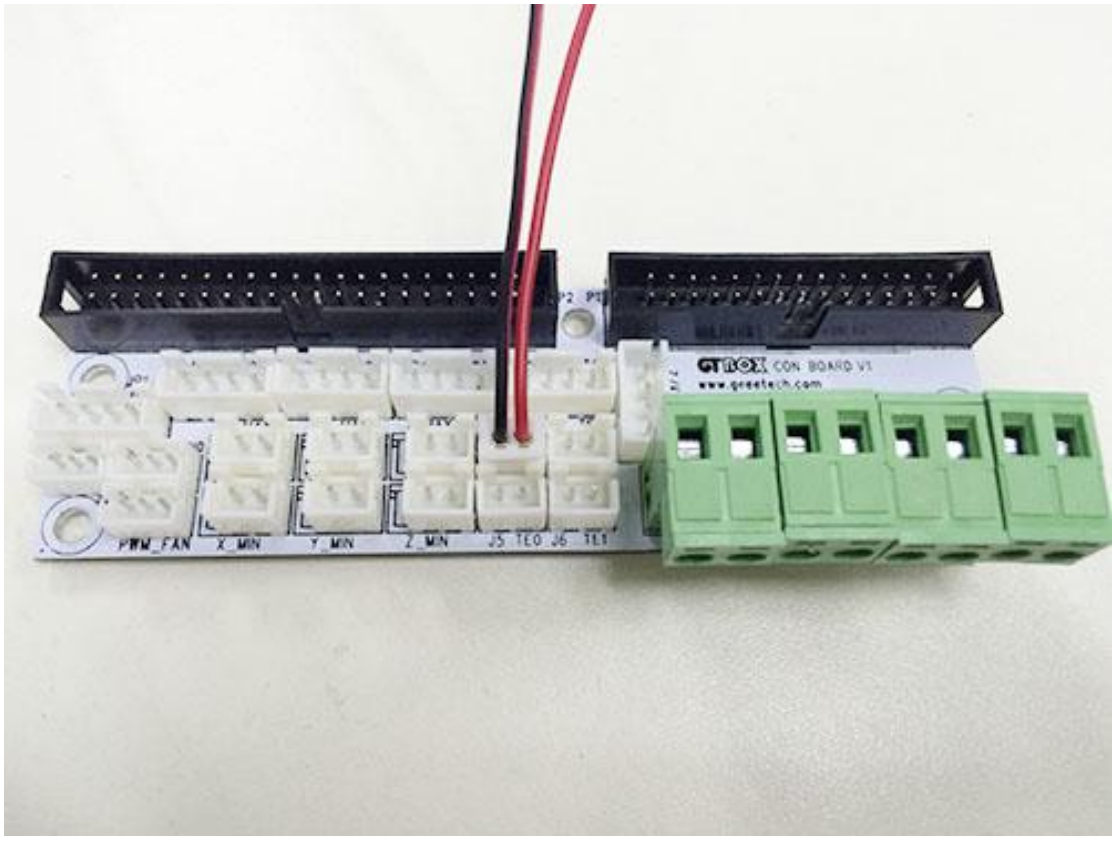


3) Connect heating wires for extruder1 to HE1.

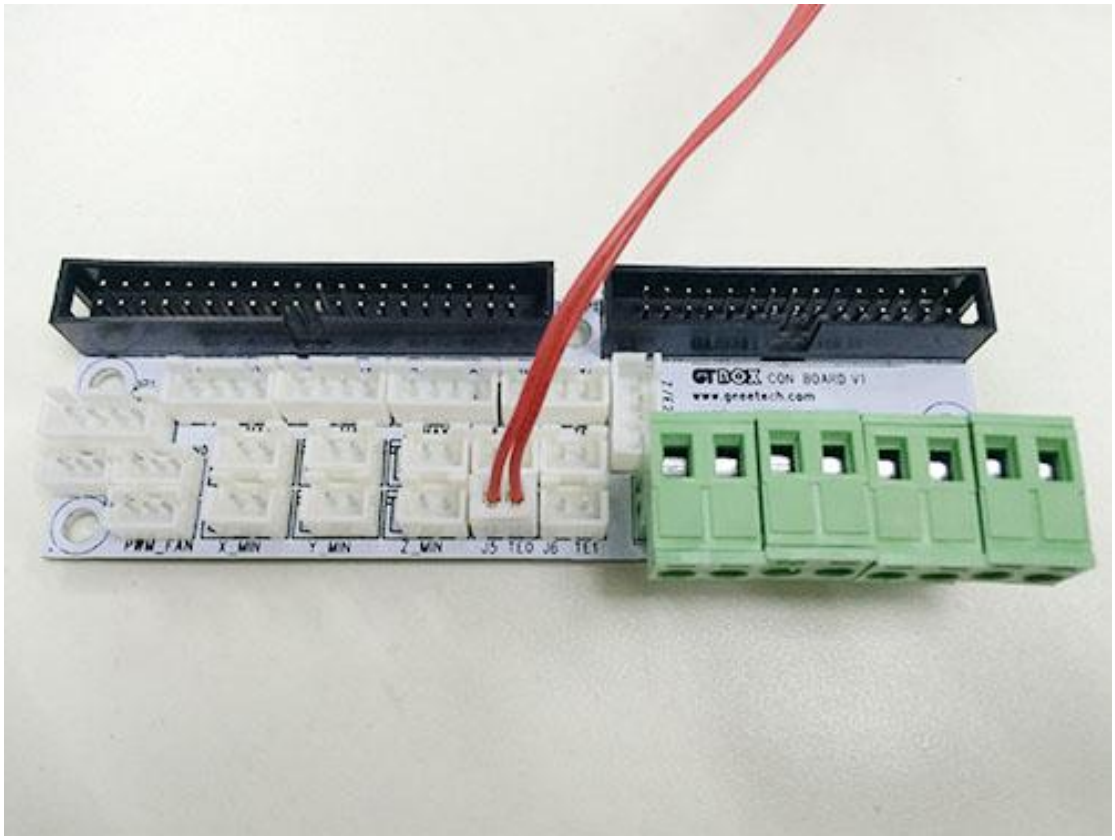


Step3. Connect wires for thermistor.

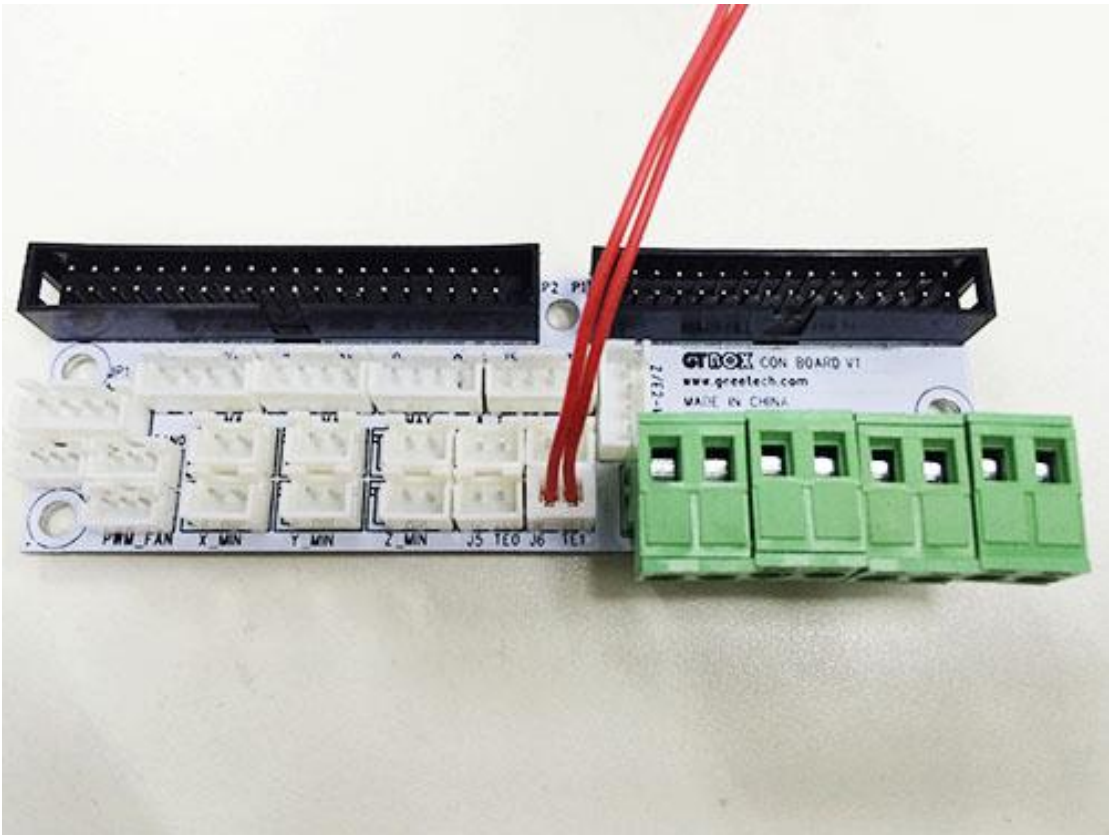
1) Connect wires for thermistor of heatbed to TB.



2) Connect wires for thermistor of extruder0 to TE0



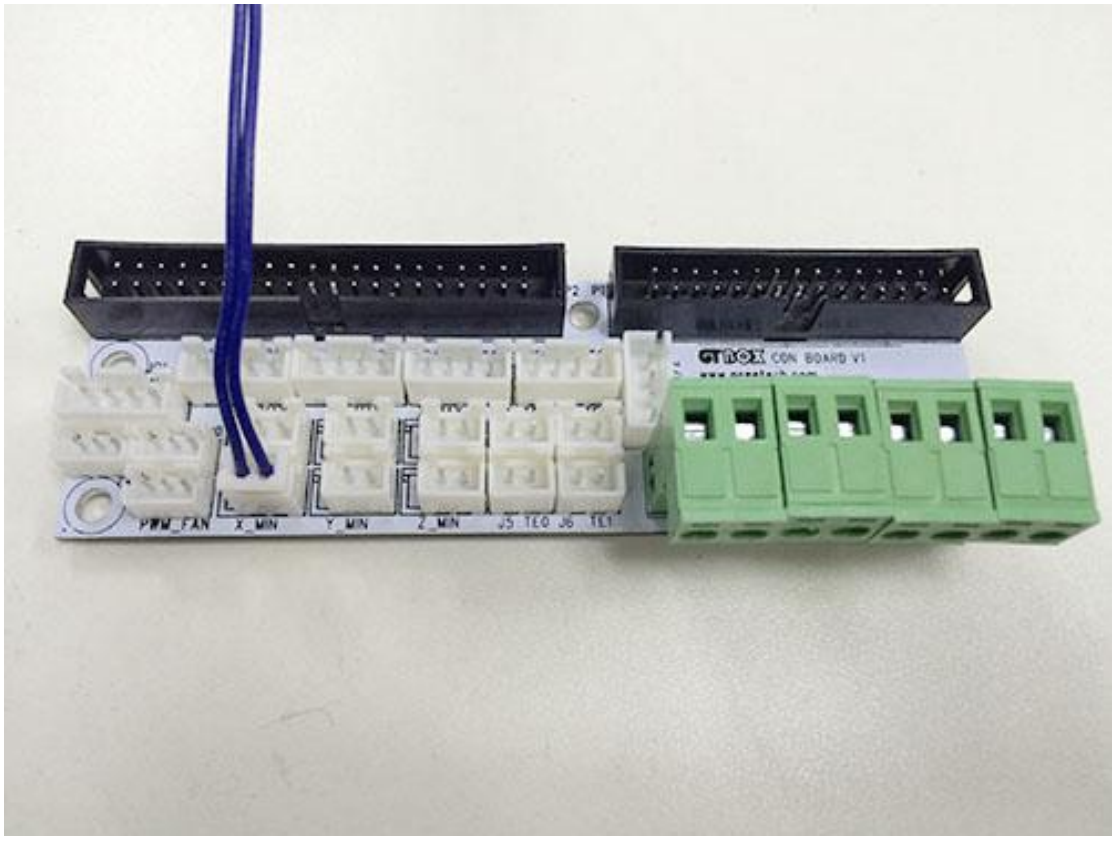
3) Connect wires for thermistor of extruder1 to TE1



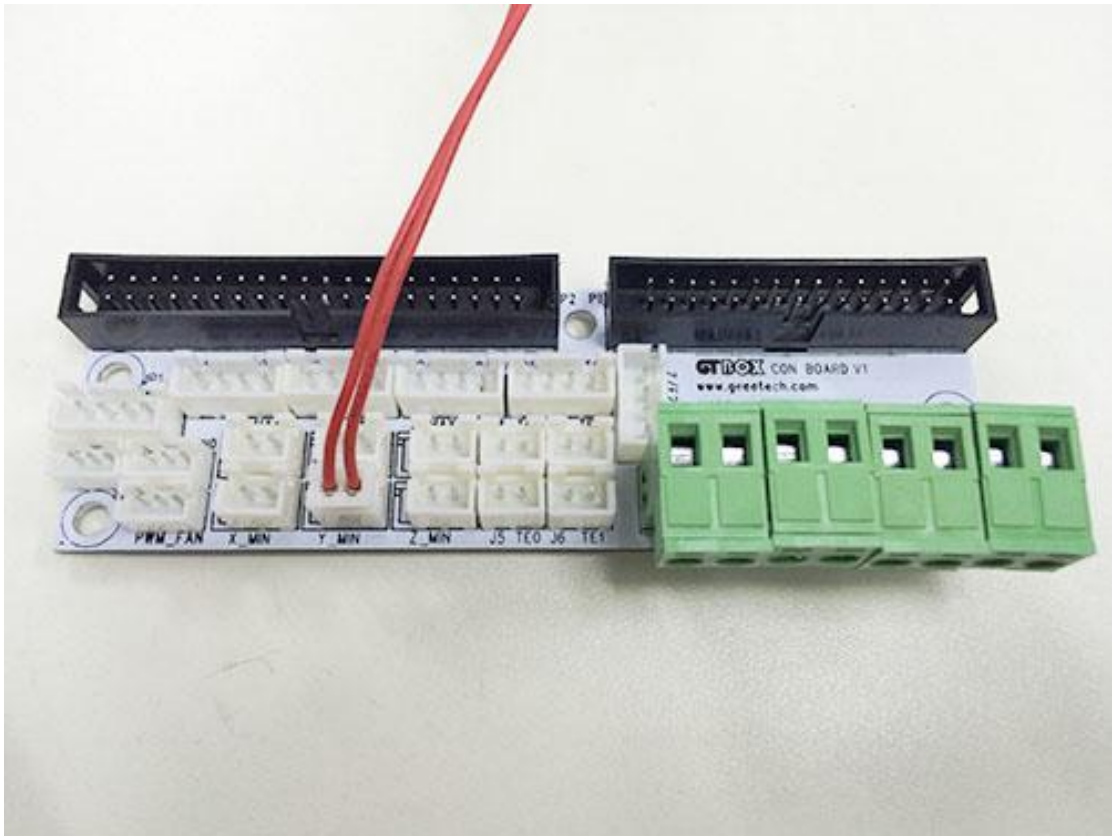
Step4. Connect wires for endstop.

* There is no “+” and “-“polarityforendstop

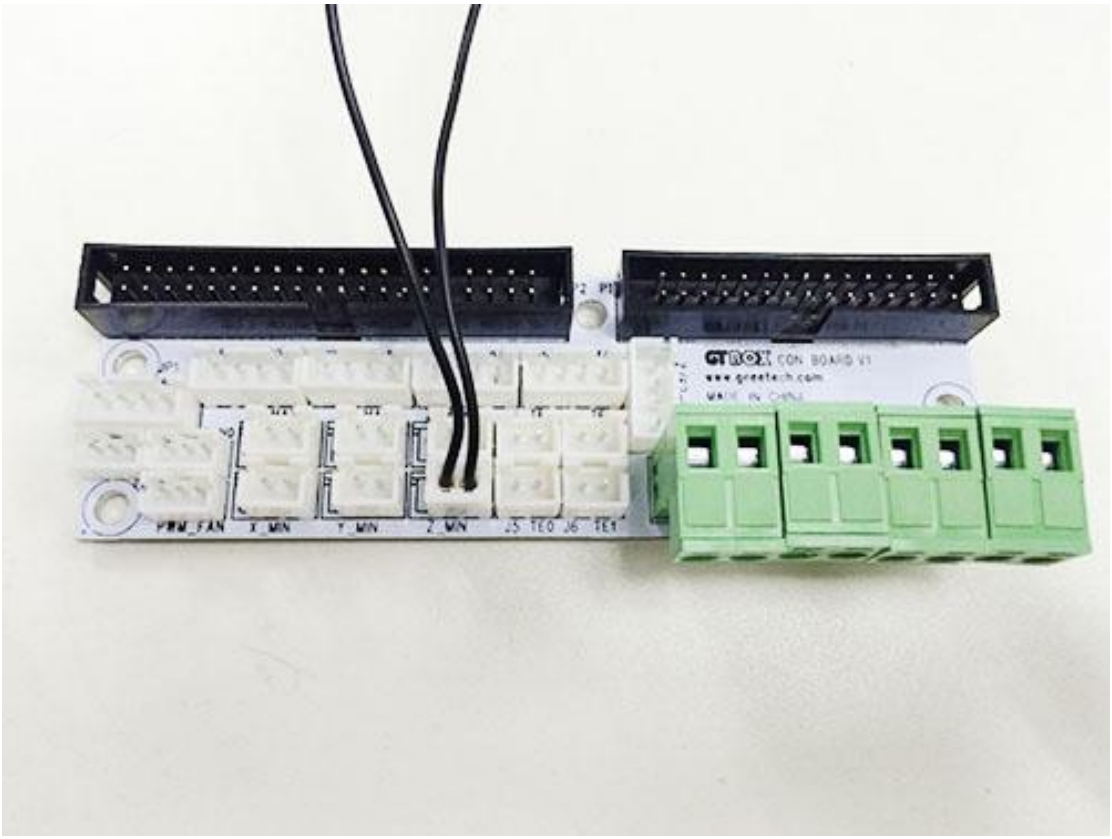
1) Connect wires for endstop of X-axis to X-min.



2) Connect wires for endstop of Y-axis to Y-min.

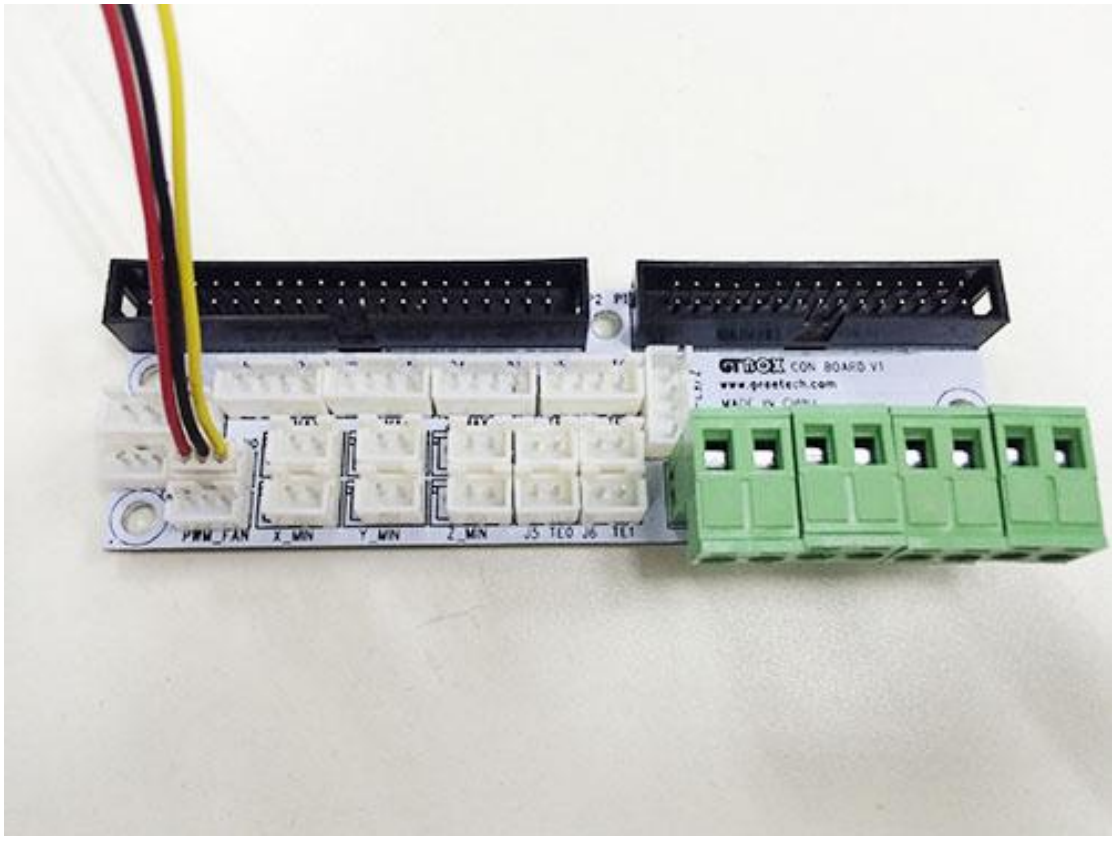


3) Connect wires for endstop of Z-axis to Z-min.

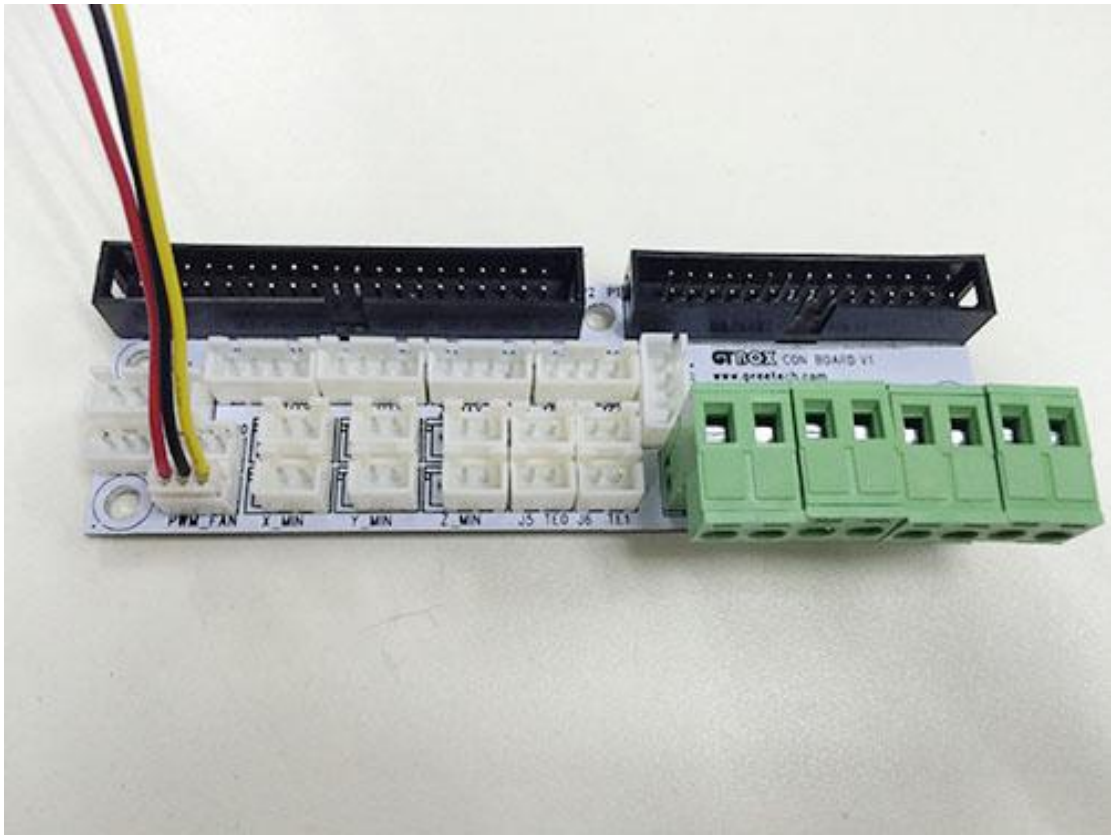


Step5. Connect wires for Fan of extruder.

Connect fan FAN0 or FAN1 or PWMFAN


CON BOARD V1
www.greentech.com
PWM_FAN
X_MIN
Y_MIN
Z_MIN

CON BOARD V1
www.greentech.com
PWM_FAN
X_MIN
Y_MIN
Z_MIN



Step6. Connectthe flat ribbon wire

GTBOX CON BOARD V1
www.greetech.com
MADE IN CHINA
PWM_FAN
X_MIN
Y_MIN
Z_MIN
J5 TE0 J6 TE1

GTBOX CON BOARD V1
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MADE IN CHINA
PWM_FAN
X_MIN
Y_MIN
Z_MIN
J5 TE0 J6 TE1

Step7. Connect the other end of the ribbon wire to the control box.