

P802 3D Printer Wiring Guide

Ver3.0.2

- Attention.
- Zonestar Melzi-V3 new feature.
- P802-N/Q Wiring Diagram.
- P802-N/Q Wiring Diagram(With Auto Leveling)
- wiring cable description.
- Step Motors Wiring.
- Limit Switch (Endstop)Wiring.
- Power Supply Wiring.

!Attention!



The picture in this file may not match the actual machine, just for reference only.



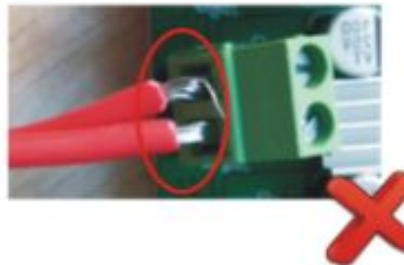
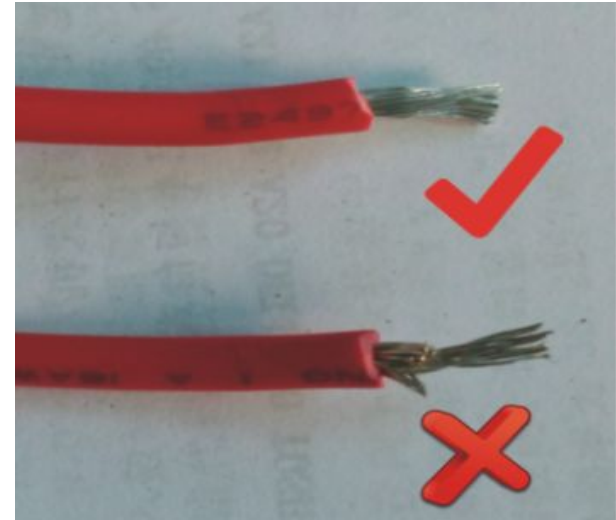
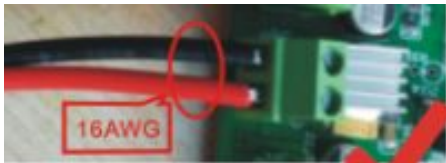
Take care when installation, to avoid electrical shock hazards!



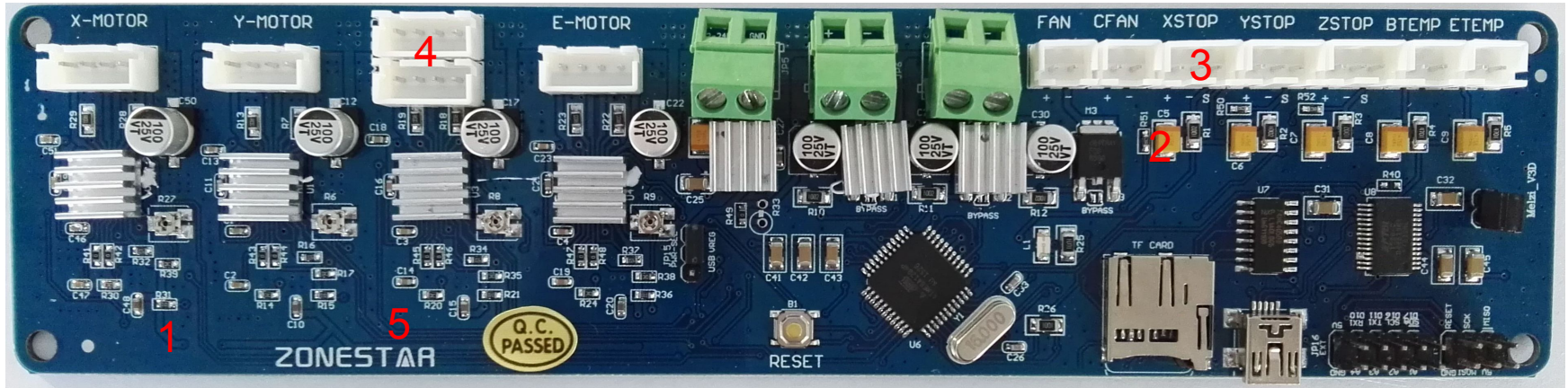
Once the connection is completed, please confirm again that the wrong wiring may damage the electronic device!



Some parts of the operating current is larger, please make sure the contact is good .



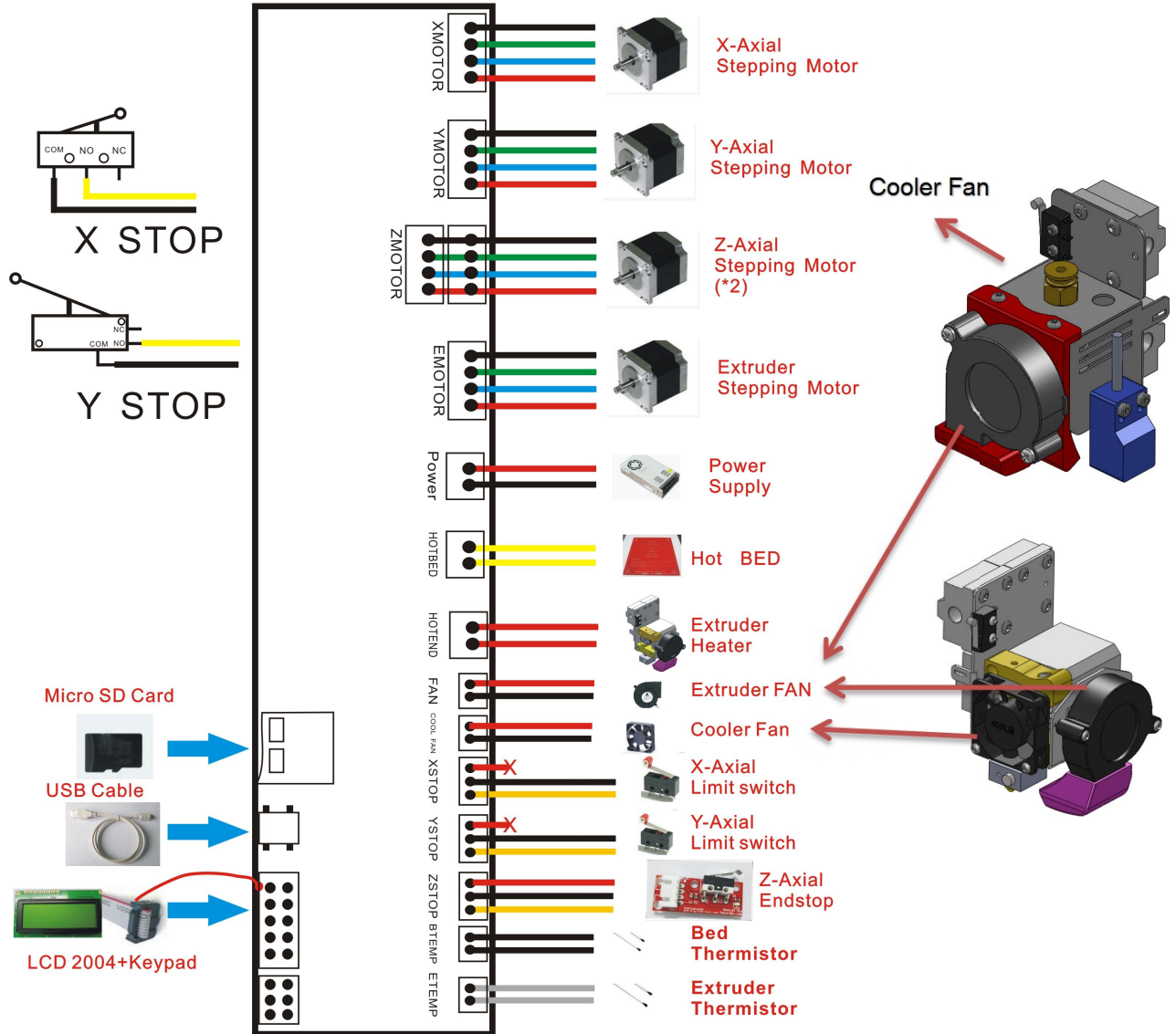
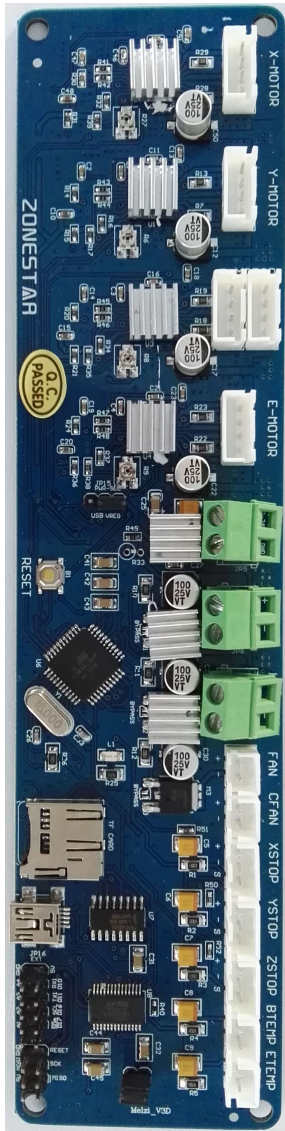
Melzi V3 New Feature



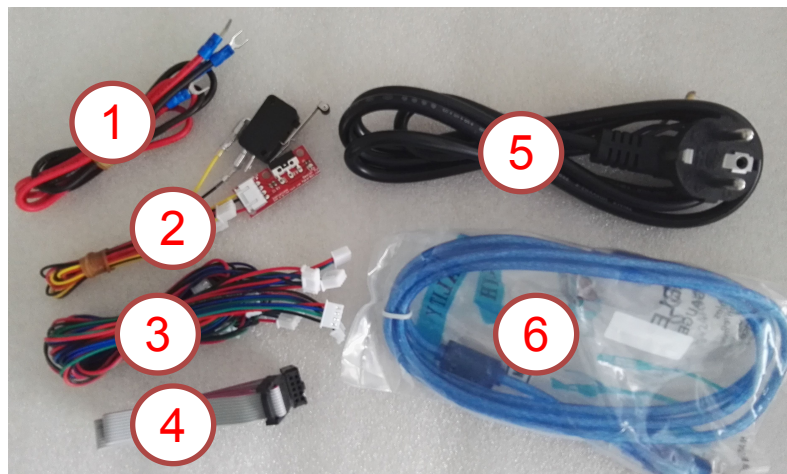
1. PCB color change to blue and optimize layout
2. Use high quality tantalum capacitor
3. Endstop's voltage switch to 5V
4. Serial double Z motor connector
5. New Zonestar® trademark

ZONESTAR

P802-N/Q Wiring Diagram



Wire and cable



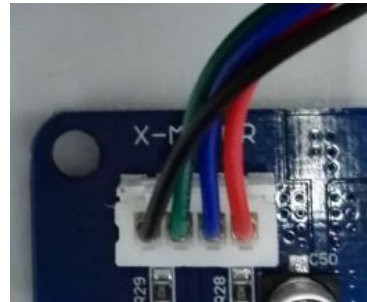
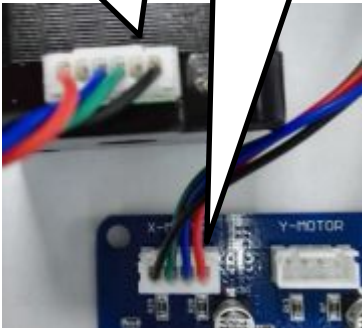
Name	FIG	Unit	Qty.	Description
Motor wire	3	pcs	5	
DC Power	1	pcs	2	
Z Endstop	2	PCS	1	
Y Endstop	2	PCS	1	
AC power cord	5	PCS	1	
LCD cable	4	PCS	1	
USB Cable	6	PCS	1	

Step Motors Wiring

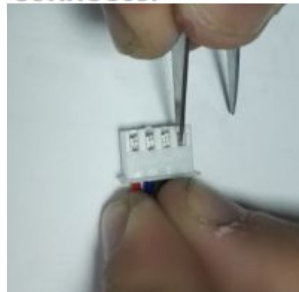
How to
change the
direction of
step motor

exchange the sequence of
the motor line, the motor
deriction will be reversed

4Pin connector
plug to control
board and 6Pin
connector plug
to motor



1. use a tweezers pull out
the wire from the
connector



2. pull out the wire



3. re-insert



Limit Switch (Endstop)Wiring

X limit switch



Y limit switch



Z Endstop



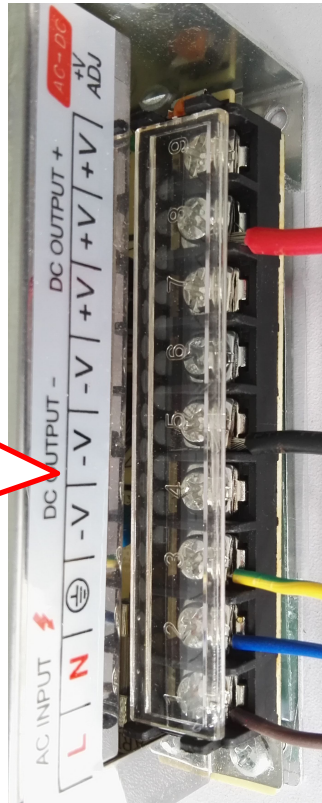
Power Supply Wiring



The voltage of power supply is different depending on the country. Before wiring, please make sure this setting is right.



AC power L, N, G must be correctly distinguished, or may endanger personal safety !



Board+

Board-

AC line color:
Yellow: GND
Blue: N
Brown: L

Note:

V- is labeled as COM on some power supply.

Attention:

copper exposure is dangerous in AC line

