

How to PCB mainboard of
RF100?

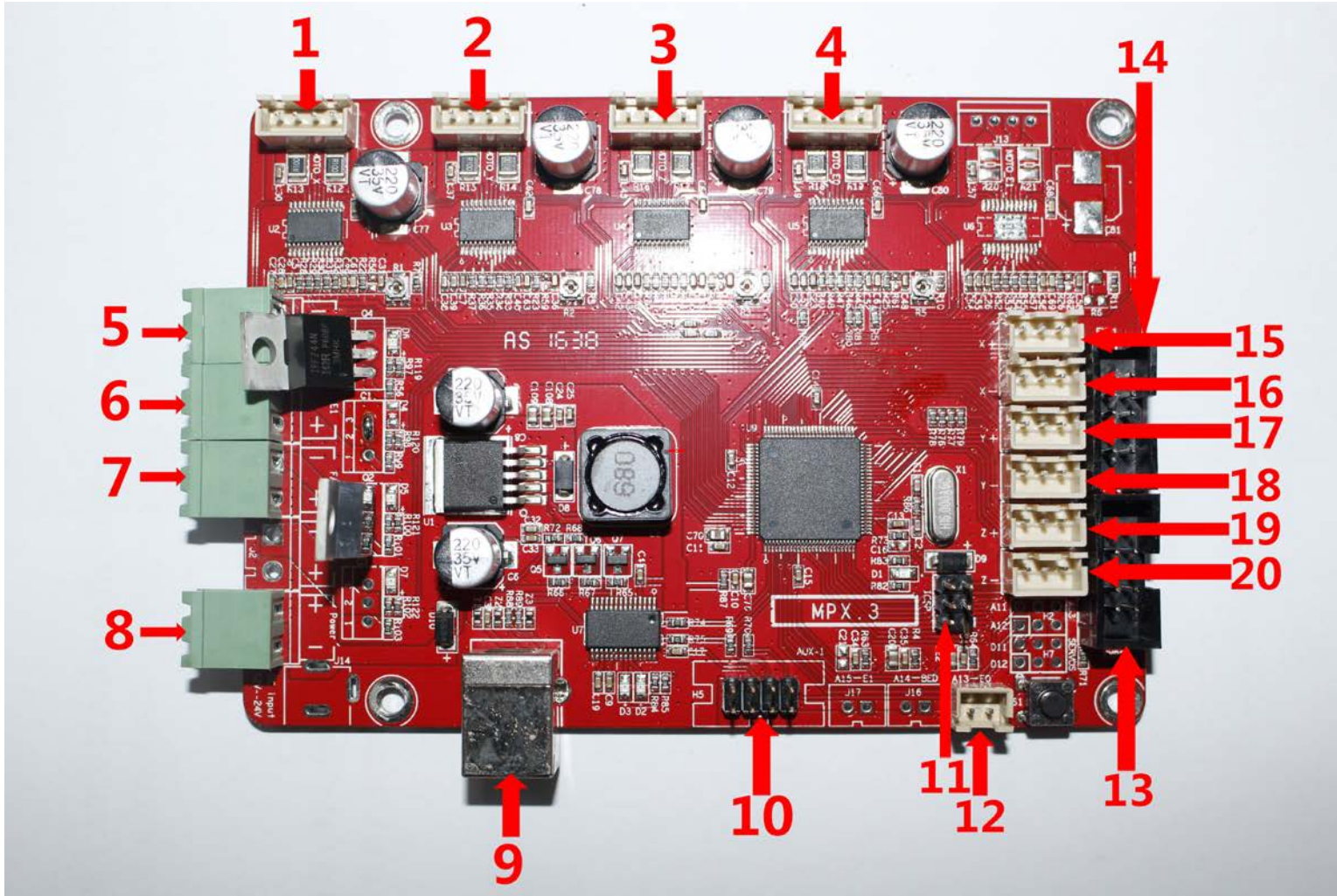
- 1.Turn off the power of Printer.



- 2.侧放机器，松开下封板的四个地脚螺丝，拆下下封板；



•3. RF100 Mainboard port Introduction



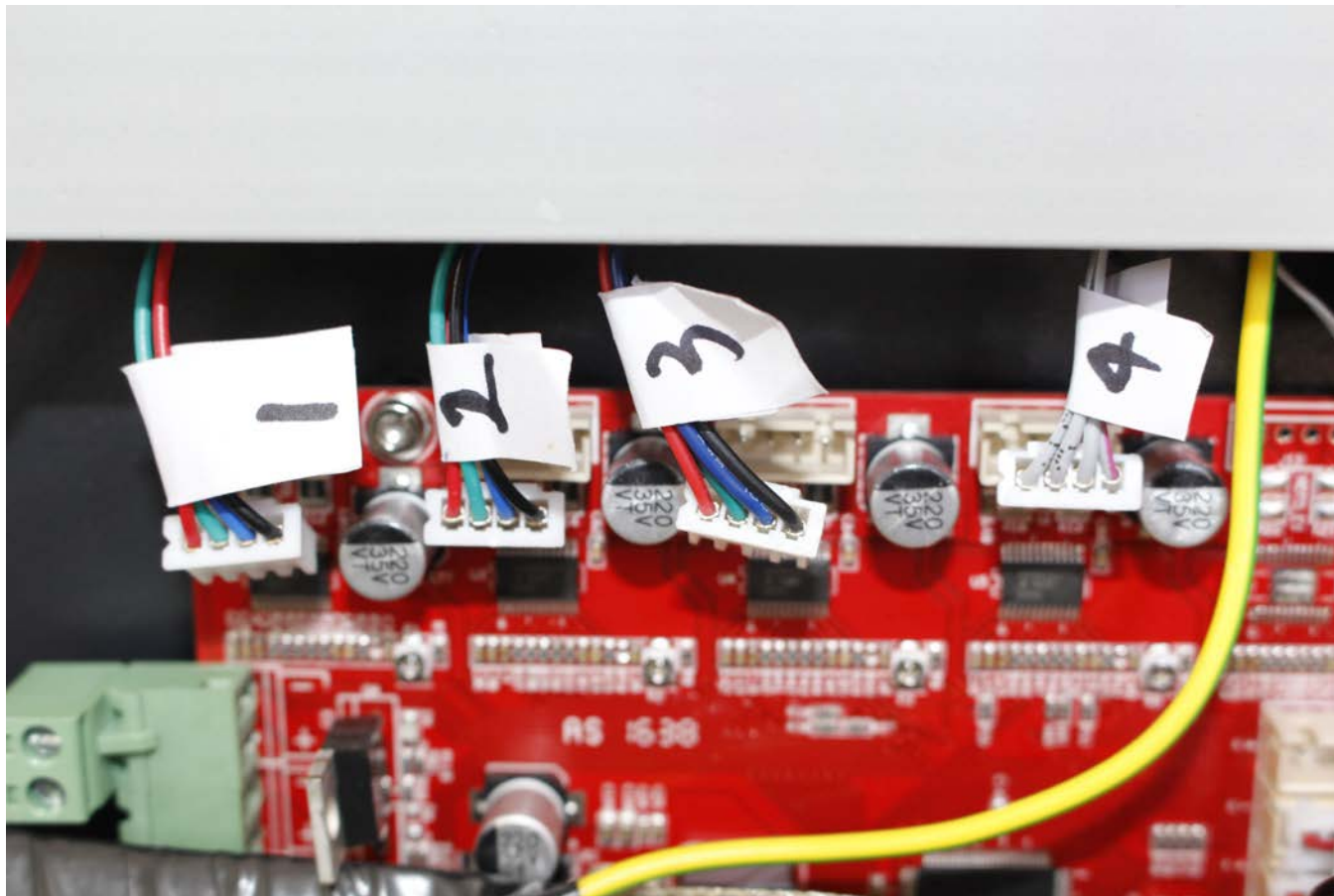
- 1- X axis power port
- 2- Y axis power port
- 3- Z axis power port
- 4- Extruder power port
- 5- Heating rod port
- 6- N/A
- 7- Fan power port
- 8- Motherboard power port
- 9- USB port
- 10- N/A
- 11- N/A
- 12- Thermistors port
- 13- Display PCB port01
- 14- Display PCB port02
- 15- X+: N/A
- 16- X-: Limit switch of X axis port
- 17- Y+: Limit switch of Y axis port
- 18- Y-: N/A
- 19- Z+: N/A
- 20- Z-: Limit switch of Z axis port

- 4.Remove the cables of NO.:1(X axis power port)/NO.2(Y axis power port)/NO.3(Z axis power port)/NO.4 ports(Extruder power port)

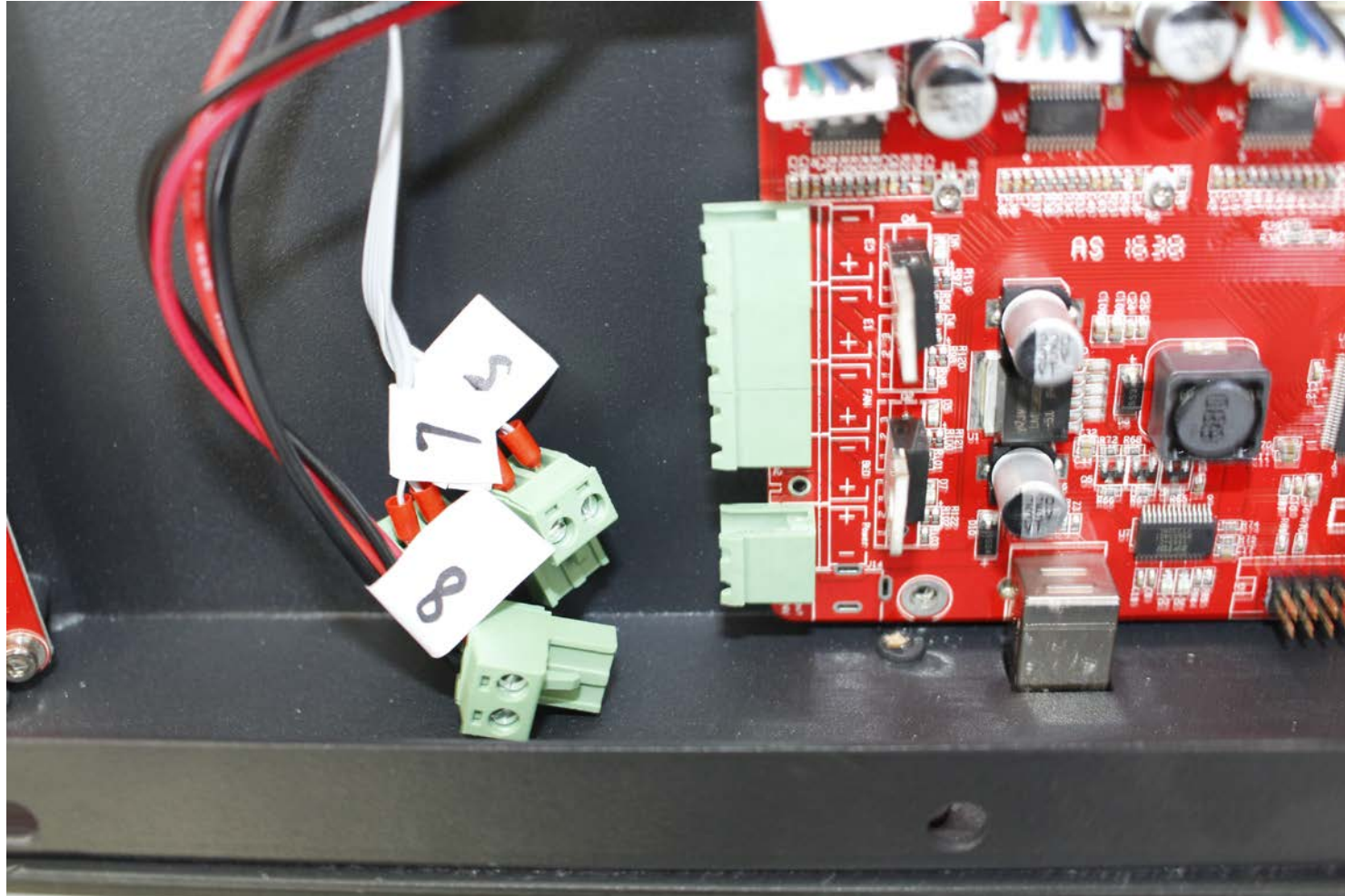
Attention:

01-In order to prevent confusion or calbe mass, please use stickers to mark the cables one by one.

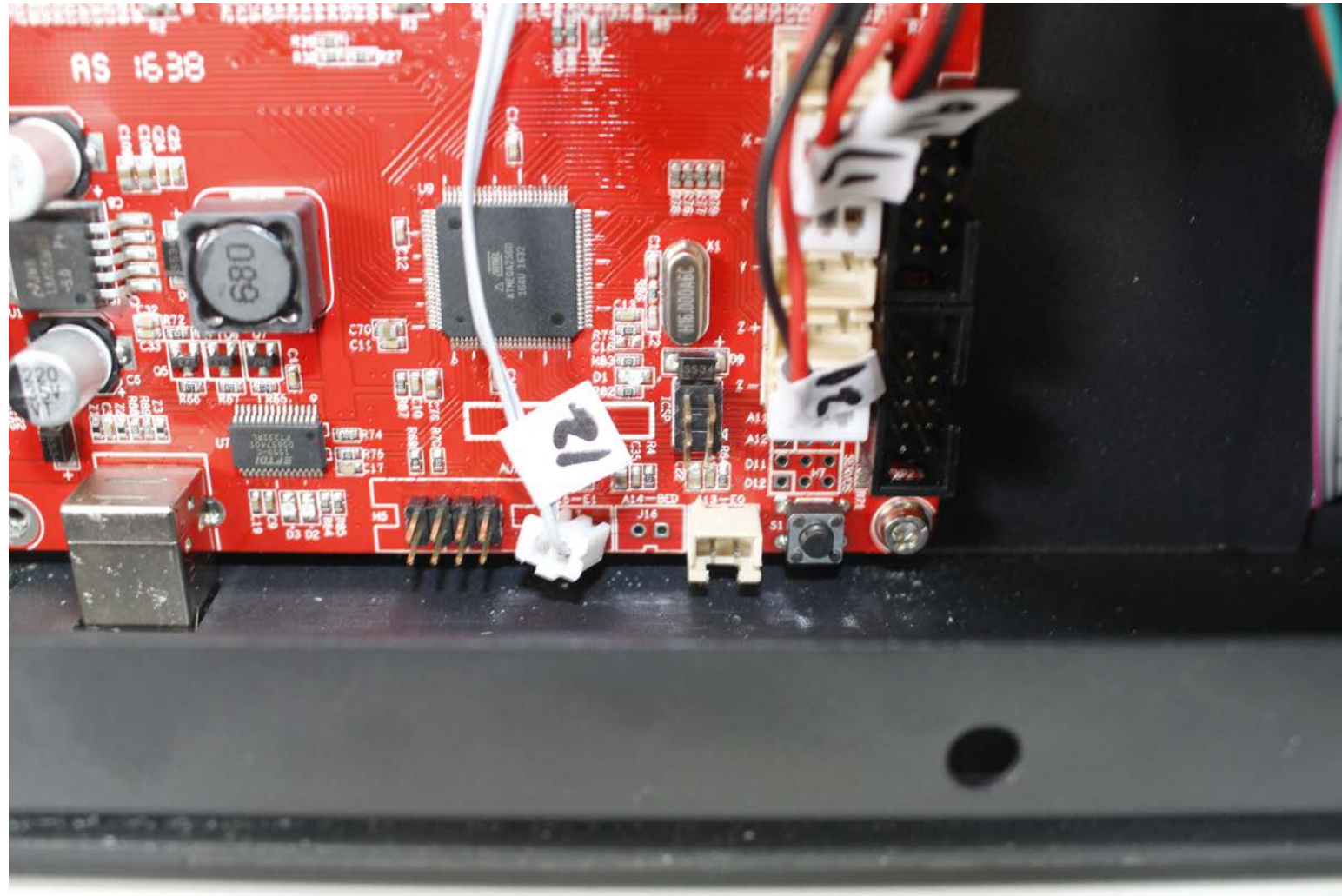
02- Record the cables by NO.1/NO.2/NO.3/NO.4



- 5.Remove the cables of NO.5(Heating rod port)/NO.7(Fan power port)/NO.8 port(Motherboard power port).
- 01-In order to prevent confusion or calbe mass, please use stickers to mark the cables one by one.
- 02- Record the cables by NO5/NO.7/NO.8



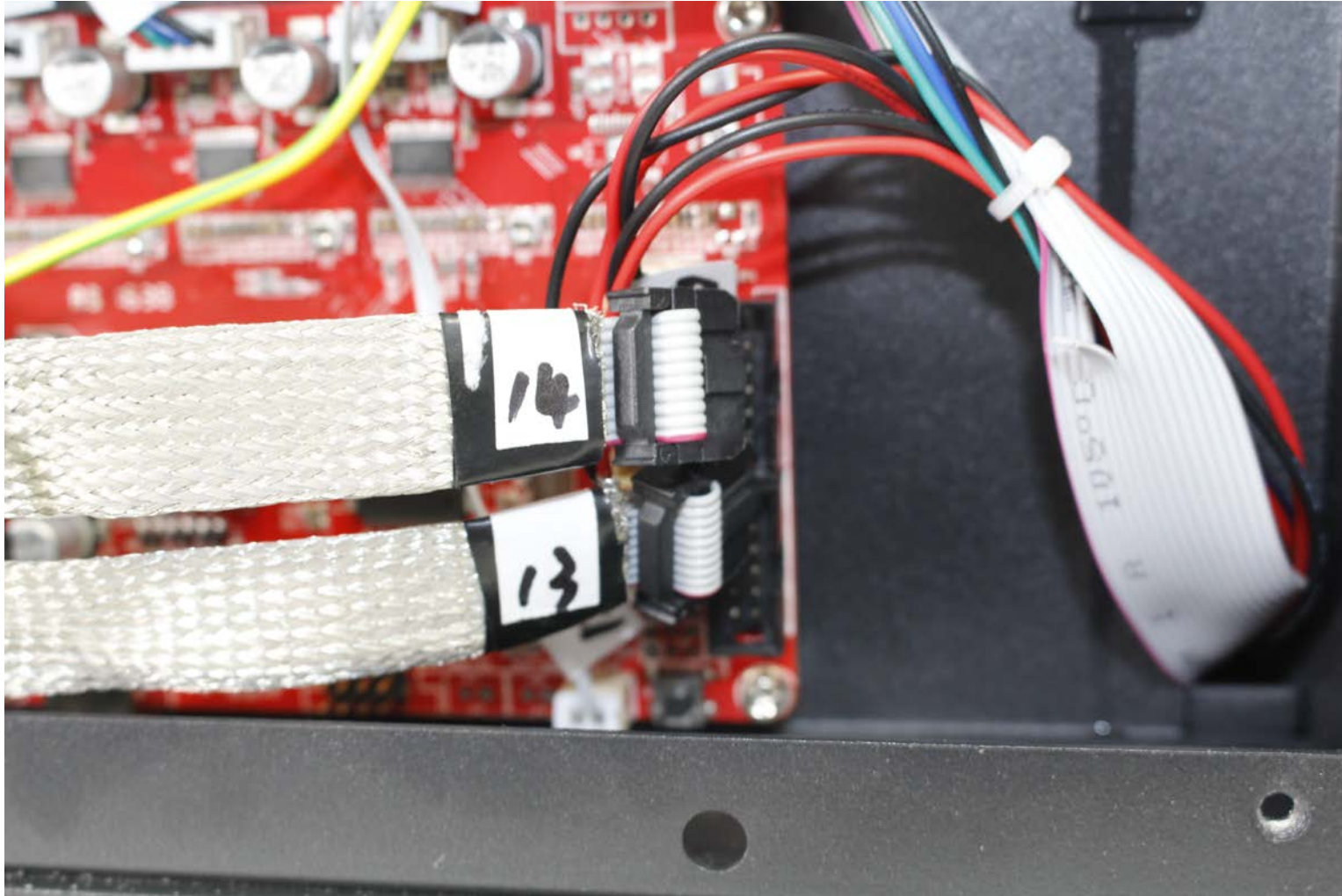
- 6.Remove the cable of NO.12 port(Thermistors port).
01-In order to prevent confusion or calbe mass, please use stickers to mark the cables one by one.
02- Record the cables by NO.12



- 7.Remove the cable of NO.13(Display PCB port01)/NO.14port(Display PCB port02).

01-In order to prevent confusion or calbe mass, please use stickers to mark the cables one by one.

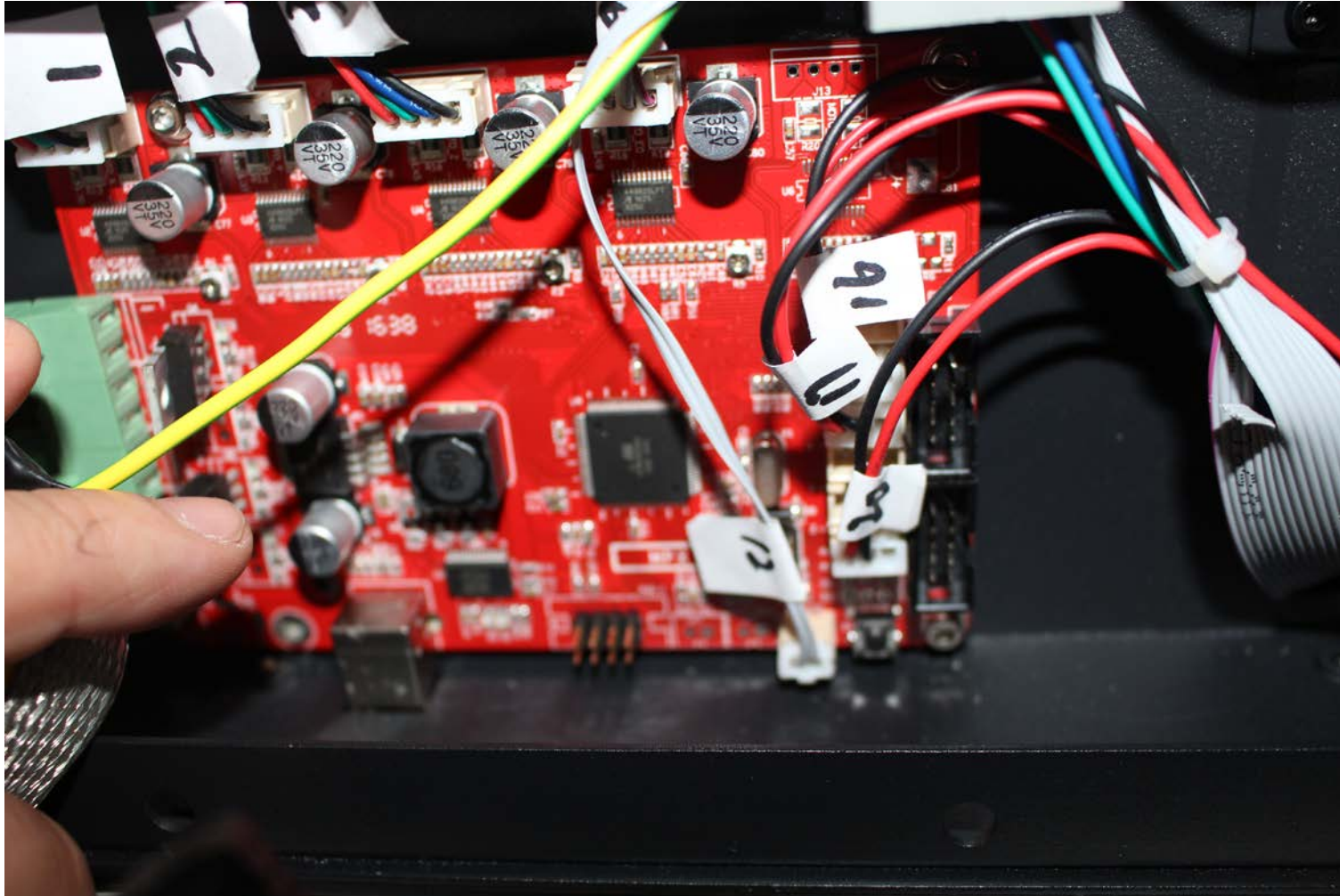
02- Record the cables by NO.13/NO.14



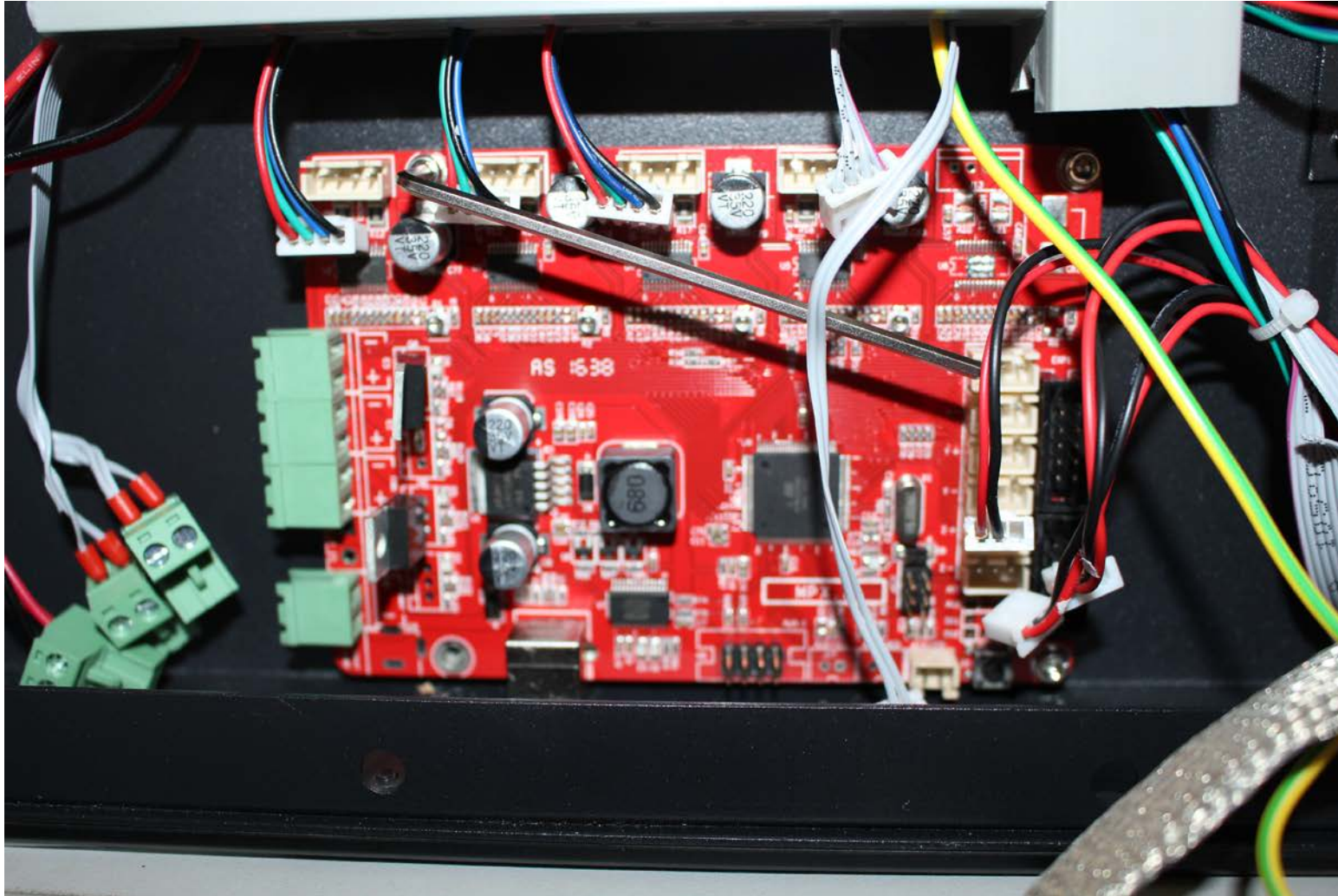
•8.Remove the cable of NO.16(Limit switch of X axis port)/NO.17(Limit switch of Y axis port)/NO.20 port(Limit switch of Z axis port).

01-In order to prevent confusion or calbe mass, please use stickers to mark the cables one by one.

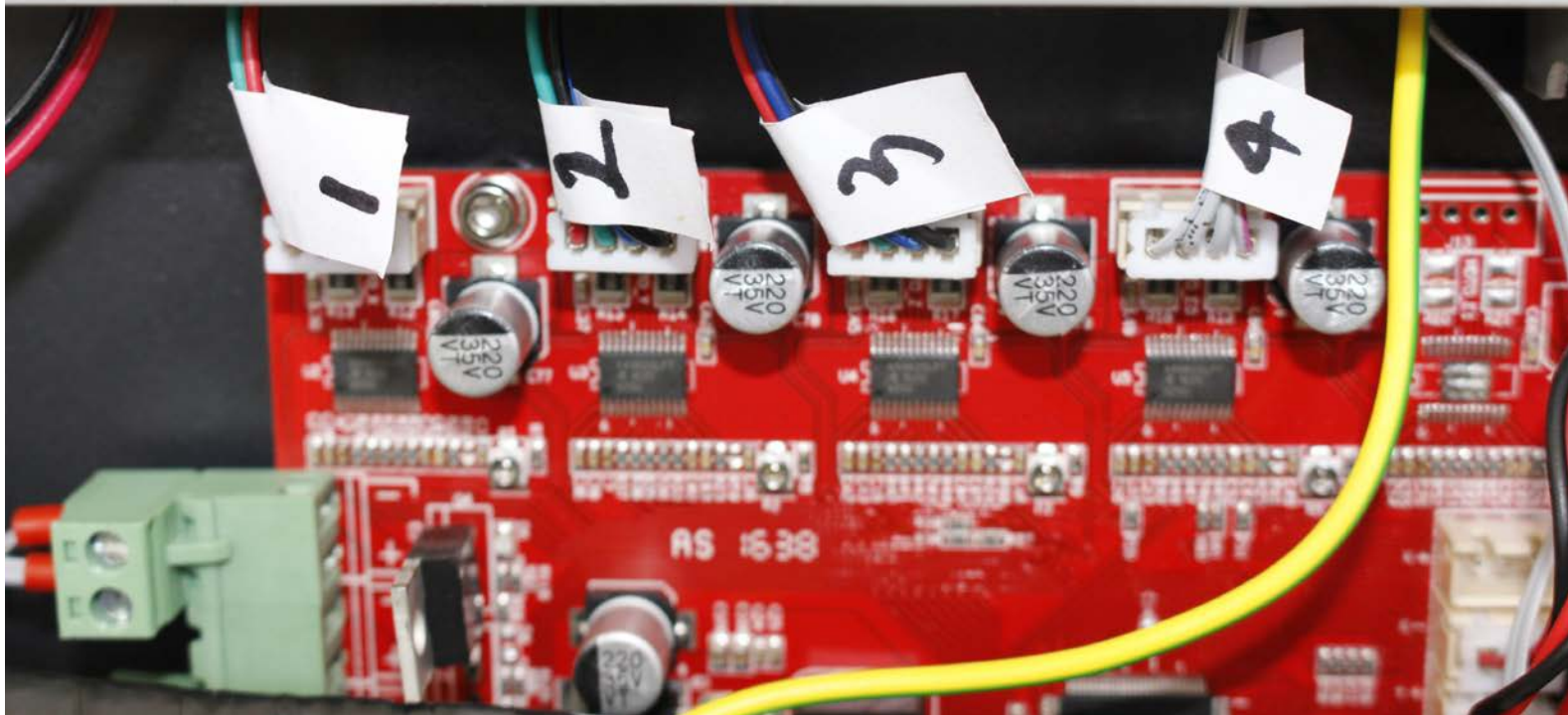
02- Record the cables by NO.16/NO.17/NO.20



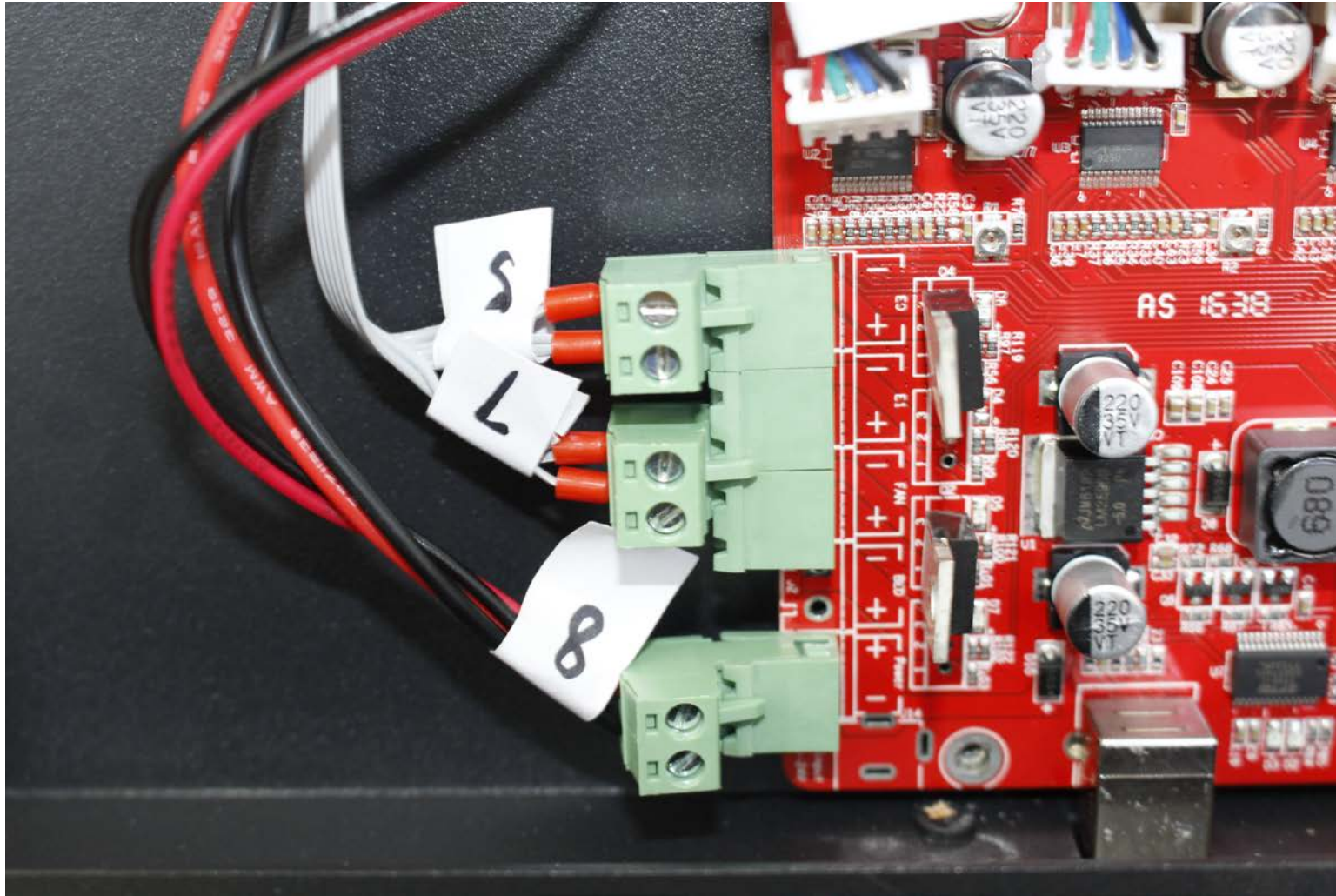
- 9.Lossen the mainboard PCB screws and replace the new mainboard by Allen Key 2.5mm



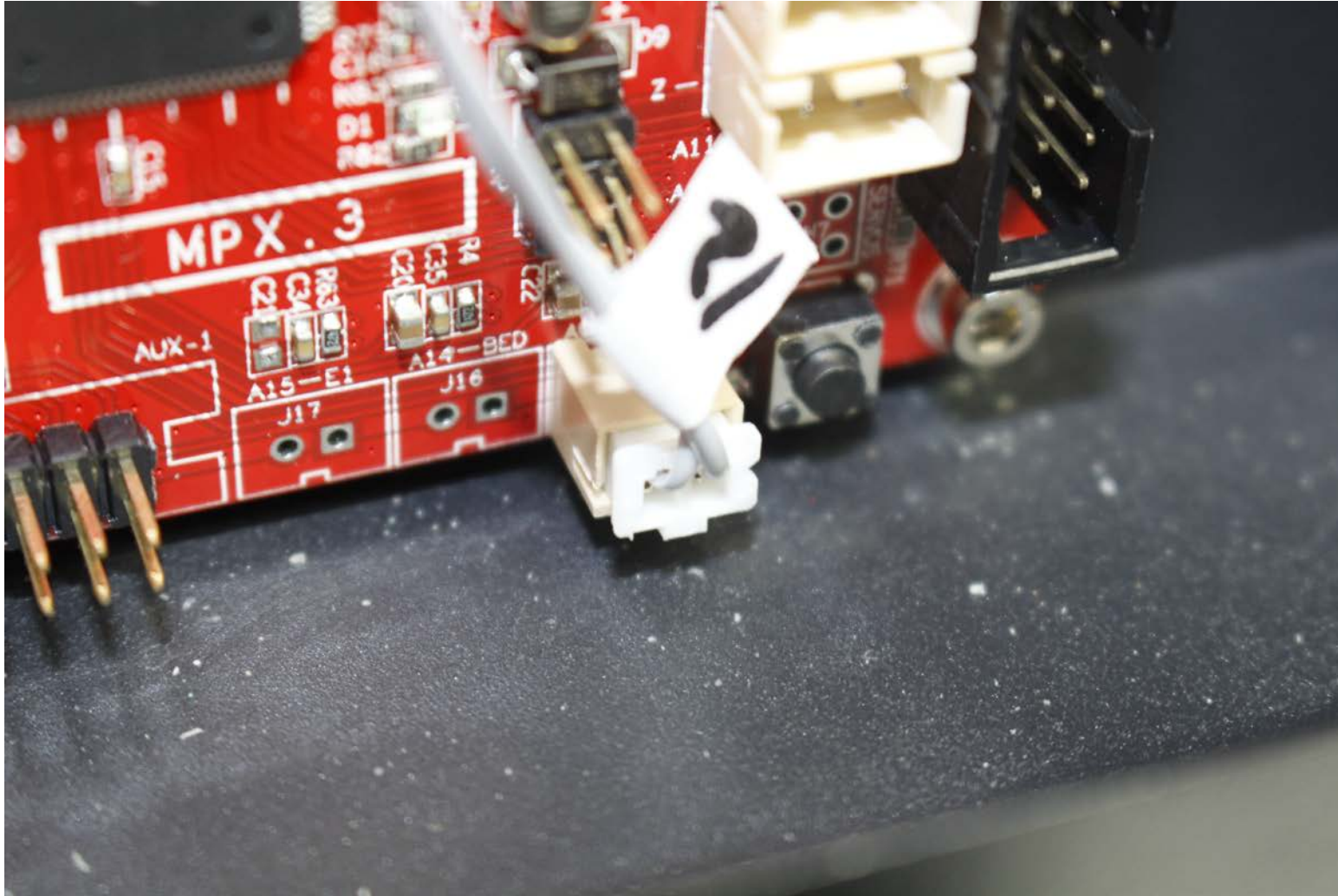
- 10.Install the cable of NO.1(X axis power port)/NO.2(Y axis power port)/NO.3(Z axis power port)/NO.4 ports(Extruder power port)



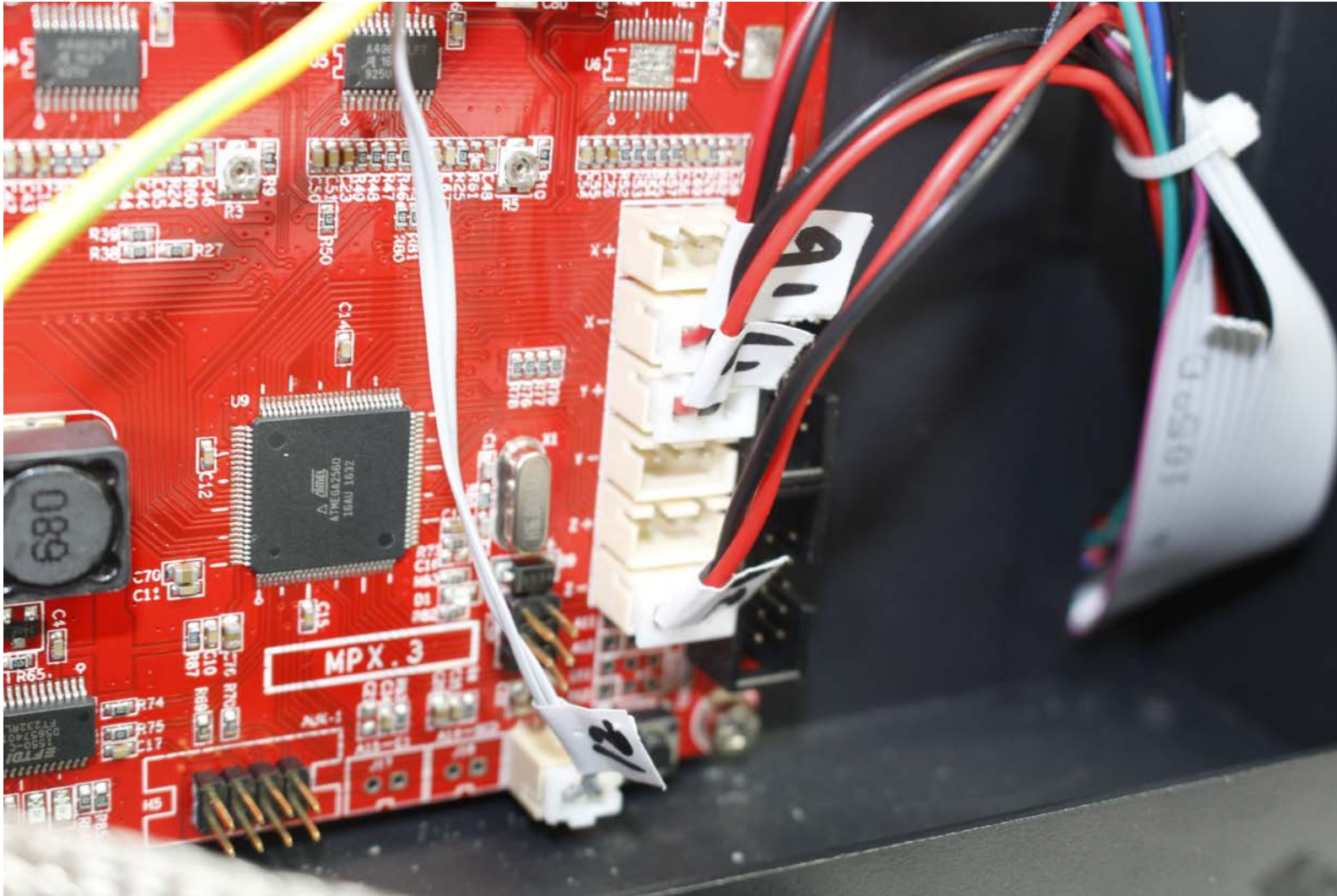
- 11. Install the cable of NO.5(Heating rod port)/NO.7(Fan power port)/NO.8 port(Motherboard power port).



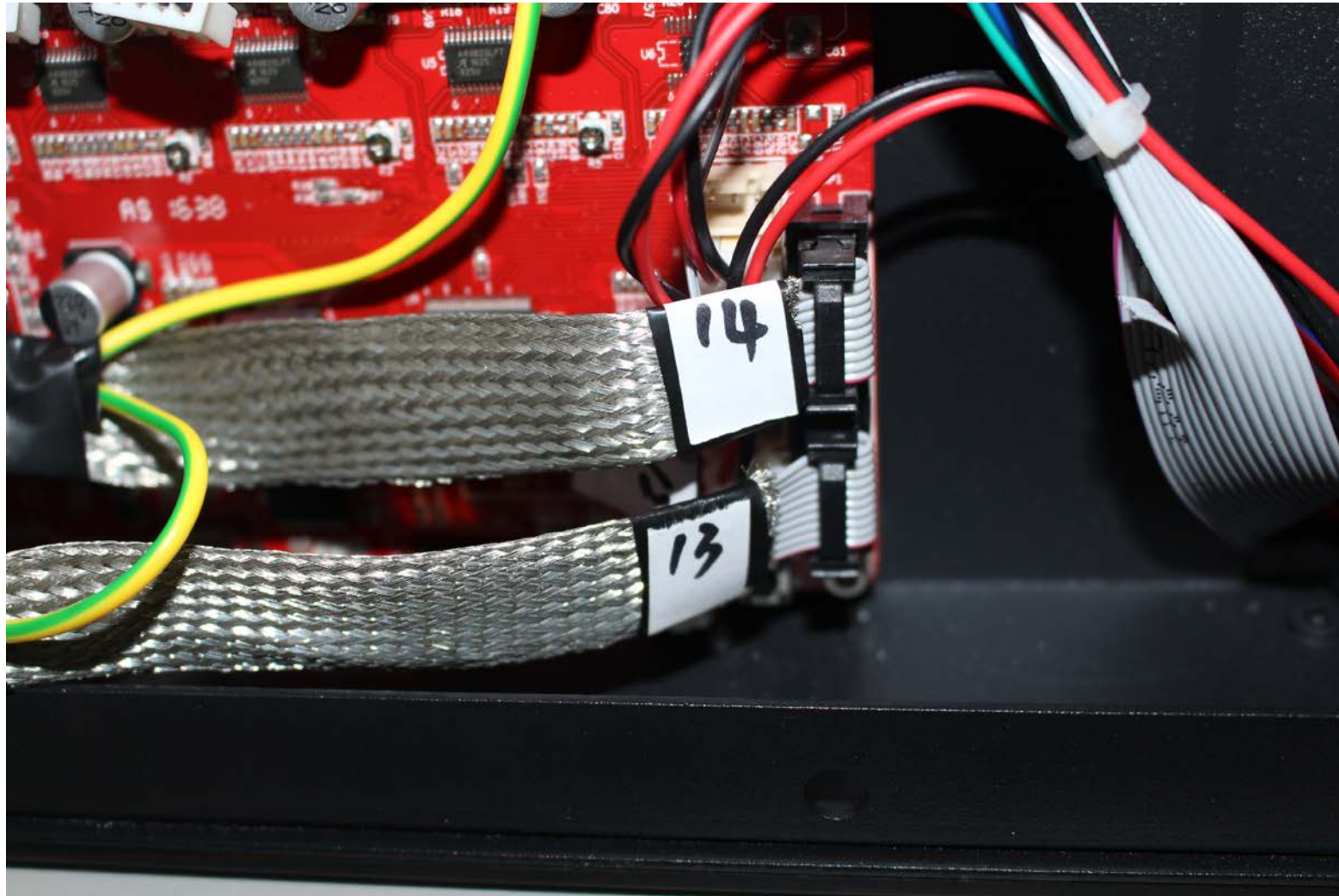
- 12.Install the cable of NO.12 port(Thermistors port)



- 13.Install the cable of NO.16(Limit switch of X axis port)/NO.17(Limit switch of Y axis port)/NO.20 port(Limit switch of Z axis port).



- 14.Install the cable of NO.13(Display PCB port01)/NO.14port(Display PCB port02).



- 16.Reinstall bottom cover and then tighten 4 bottom screws by Allen 3.0mm.

