

**HOT SURFACE
DO NOT TOUCH**

AC Heating Bed 110/220V INPUT

A 3D rendering of a black square heating bed with a fan mounted on top. The fan is black with a silver frame and is positioned in the bottom right corner of the image.

**HOT SURFACE
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AC Heating Bed 110/220V INPUT

Exhaust Fan

25A SSR

Notice :
Please select the voltage of
your area before powering
up.

ED-V-DJ.

Spider v2.3
Voron 2.4 R2

Print Cooling Fan

Hotend Fan
4010 FAN 24V

Nevermore filter
4010 FAN 24V x2

Z2

Z1
Rear-left

Nozzle Height
5A Material
WSD300
L

Temperature Sensor
Thermocouple(Need AD597 add on)

AfterburnerToolhead PCB x
<https://github.com/EYE5ETC/EYE5ETC>

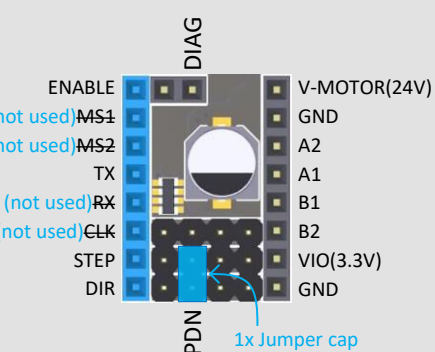
https://github.com/FYSETC/FYSETC-Afterburner_Toolhead_PCB_x

20



AfterburnerToolhead PCB x SOCKET
Check the wiring at lower left

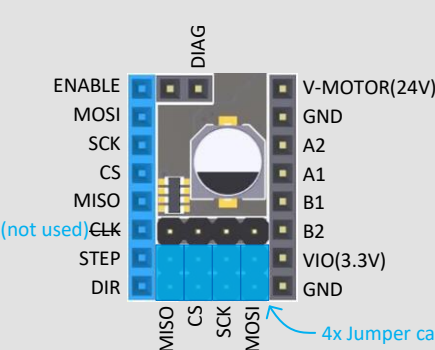
USE FYSETC TMC 2209 V3.1



PDN: It is connected to TX for communication between TMC and MCU, using single wire. The jumper cap shown in the figure must be setted before the drive module install.

DIAG: It is used to go home without sensing, while ensuring that the jumper corresponding to the limit is in the closed state.

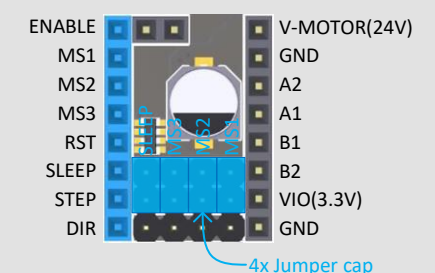
USE FYSETC TMC5160/5161/2130



(SPI4 used for
TMC diver SPI, CS and
PDN share pins)

DIAG: It is used to go home without sensing, while ensuring that the jumper corresponding to the limit is in the closed state.

USE 4988 or 4988like driver



48V Driver Support (M1 & M2) :

1.If you use 24V, you need to connect the 24V-PIN and 48V-PIN, and use the jumper plug that we provide.

2.If you use 48V, you need to connect an external power supply to the 48-PIN and GND-PIN using the connecting wires provided by us.

SD Pins Out: You can use the SD Card in a farther position by the SD module, but it is not recommended to exceed 30cm.

The type-C USB socket is used by default, and type-A is also reserved. If you need it, you can Add it by yourself.

USB Pins Out: used to connect the Raspberry Pi inside the printer via USB.

The markings of EXP1 and EXP2 may be different from those of some displays. If it cannot be displayed normally, please try to reverse EXP1 and EXP2 if the program is correct.

X/Y

Z Endstop

Controller Fan x2
6020 FAN 24V

AfterburnerToolhead PCB x SOCKET

To Spider E-MOT
socket

Probe 调平	HE0 加热棒
24V共用	CT 箱体温度
PCF 打印冷却	HEF 热端散热
AGND 模拟地	S2B
TH0 测温	S2A
GND 共用地	S1A
XES 预留	S1B
5V	SERV0