MELLOW FLY SUPER 8 PRO

CPU: latest edition STM32H723ZGT6 32-bit @ 550 MHZ

Firmware: Reprap / Klipper / Marlin

Drive interface: 8pcs

Mainboard input voltage: 12V/24v

Logic voltage: 3.3V

Network support: ESP32

PC communication interface: usb / wifi

Wifi module: Expandable wifi module, For RRF firmware(Optional)

WIFI transmission: 1.6m/s (using RRF firmware)

Display: Serial touch screen, 12864LCD, 2004LCD, FLY 4.3/7.0

Expand interface: CAN, 3d touch, UART, PTIOO, K-type thermocouple

Extruder interface: 2pcs

Motor drive: A4988, LV8729, DRV8225, TMC2208/2209/5160 etc...

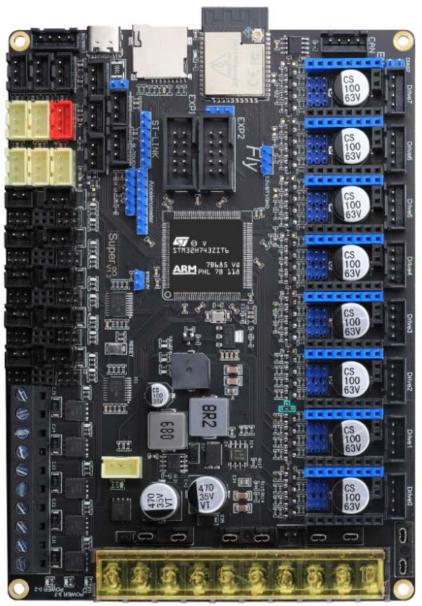
Driving operation mode support: TMC, uart / spi

Heating interface: HB, HEO, HEI

Maximum input current at hot bed port: (24V) 15A

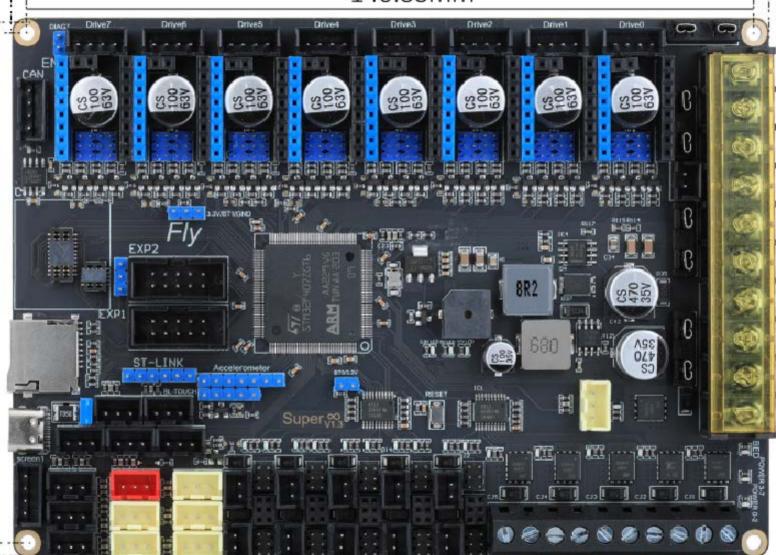
PWM fan interface: Two wire CNC fan (FANO,FAN1,FAN2,FAN3)

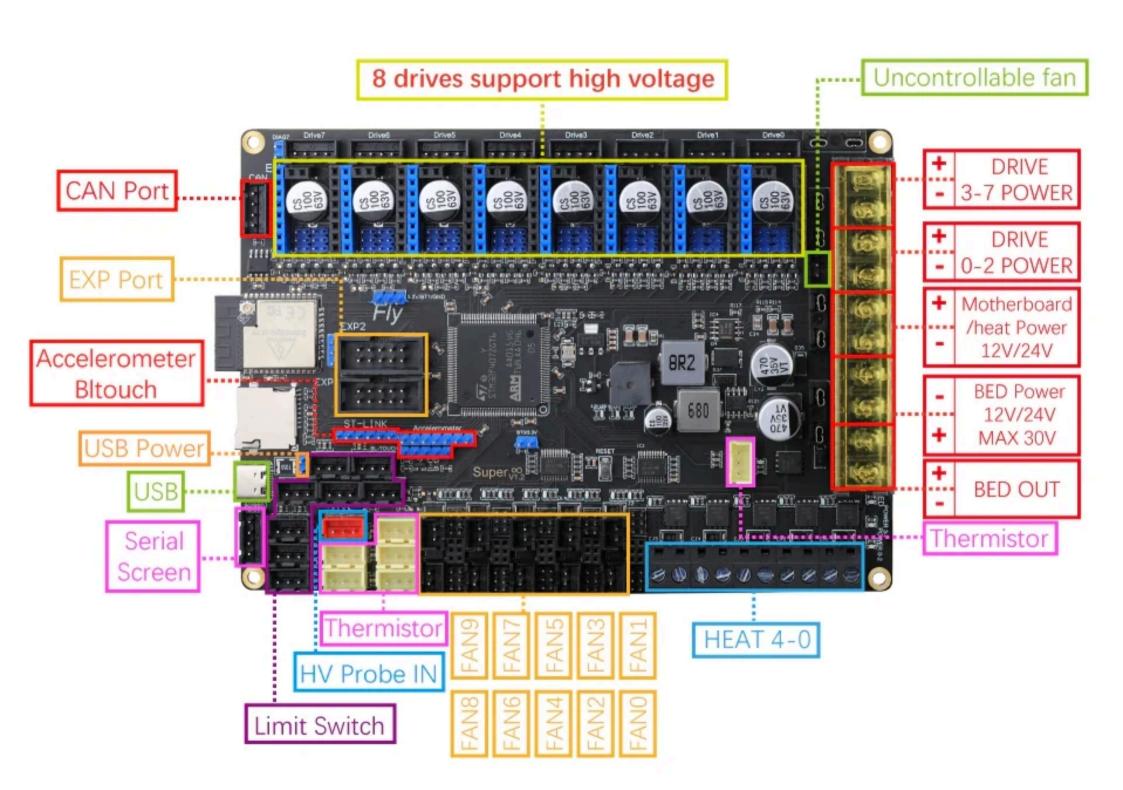
Maximum output current of fan interface: 1A



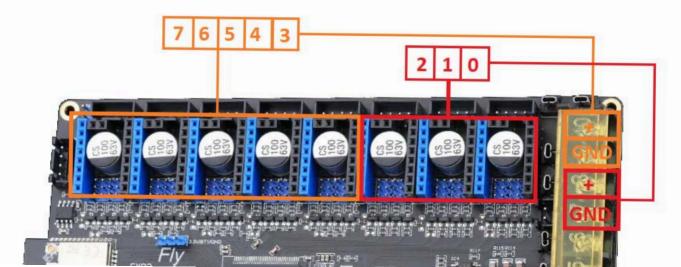
155.58mm

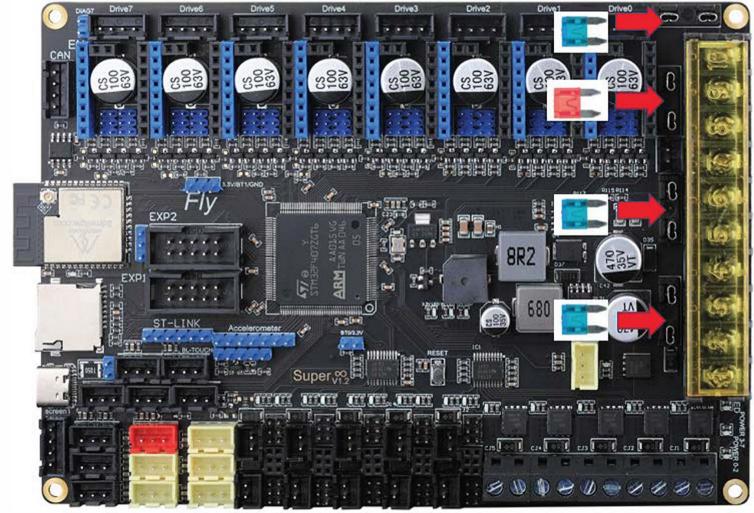
149.38mm

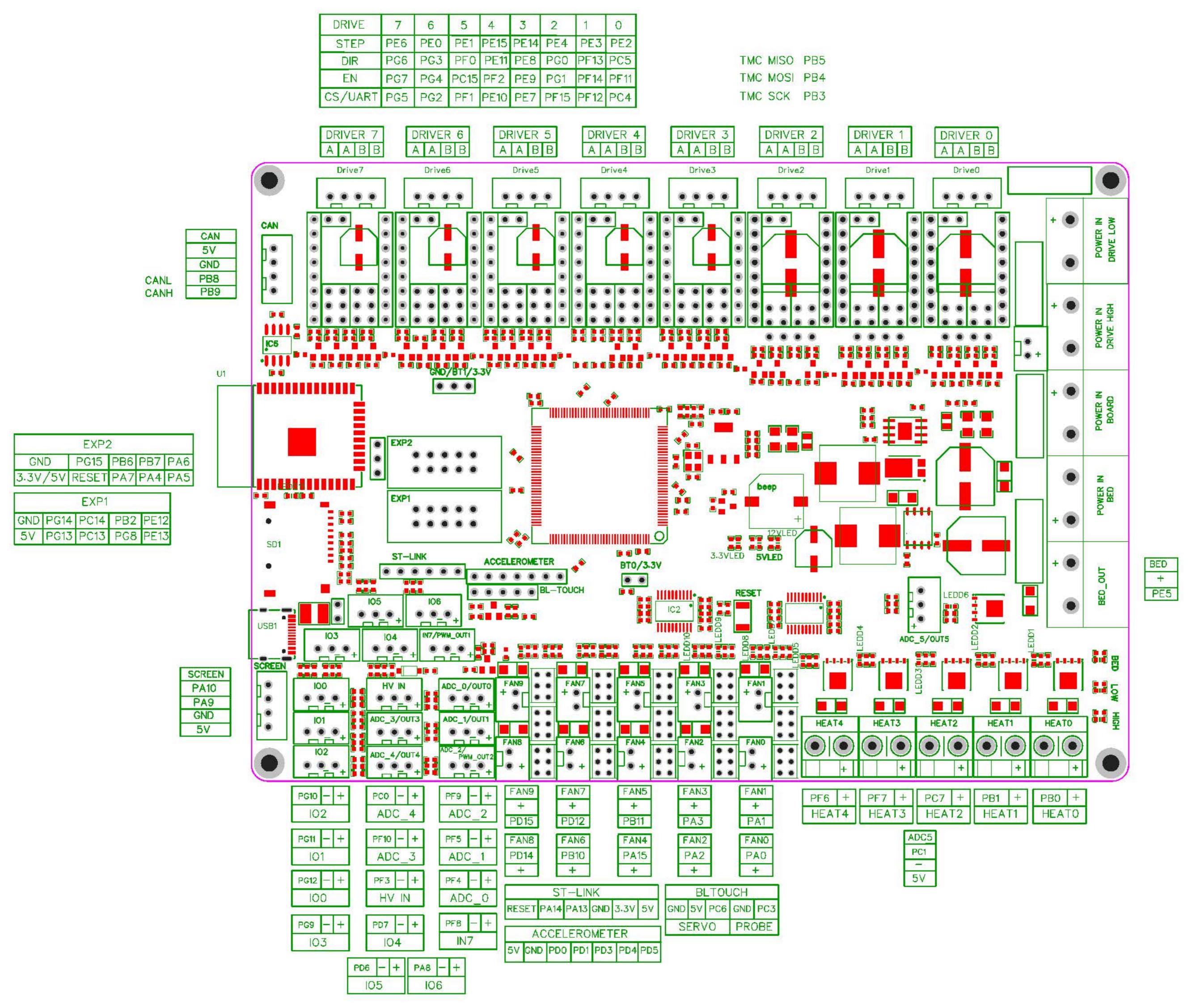




Driver Power













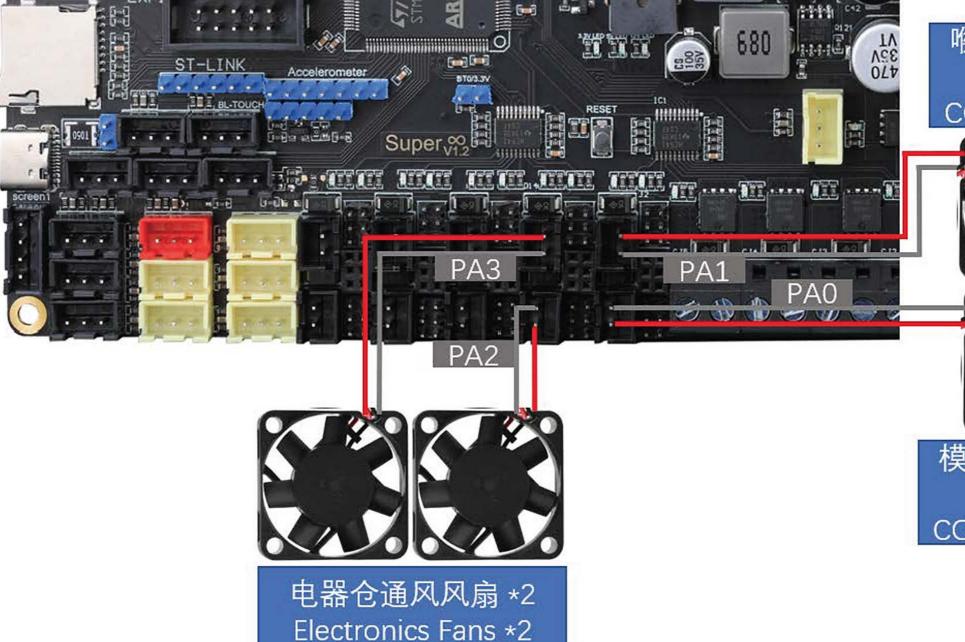


UART mode



• SPI mode

UART: The driver supporting UART communication can set the current size and mute/anti shake mode of the driver through UART



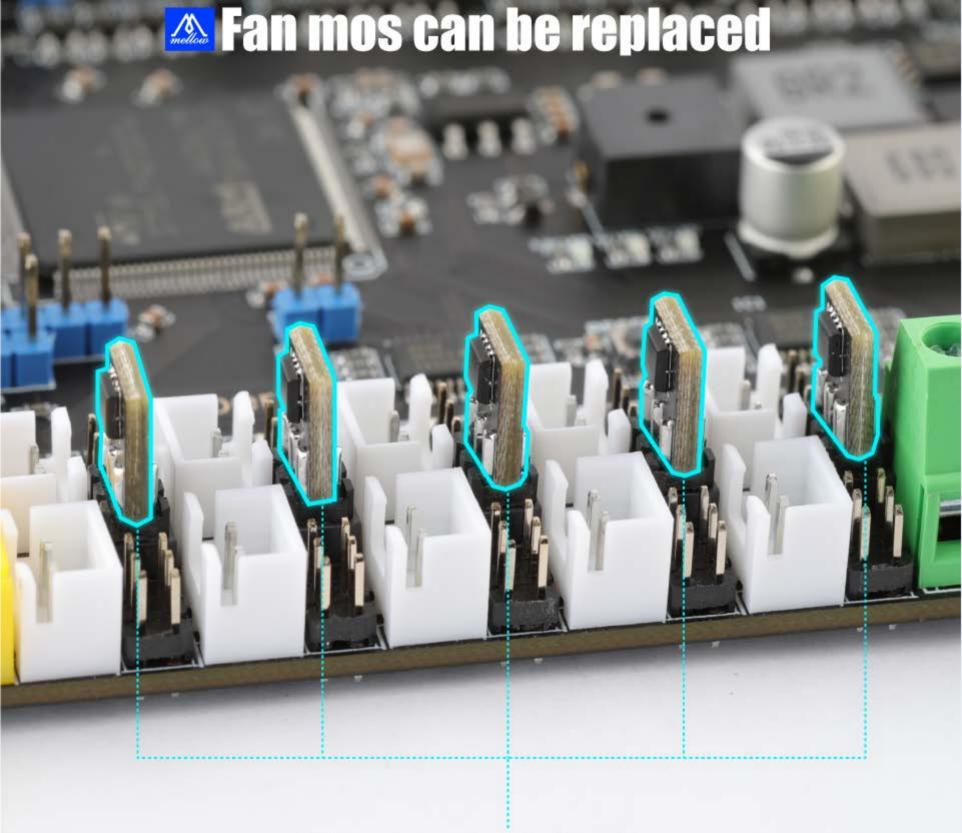
喉管散热风扇 HOTEND COOLING FAN



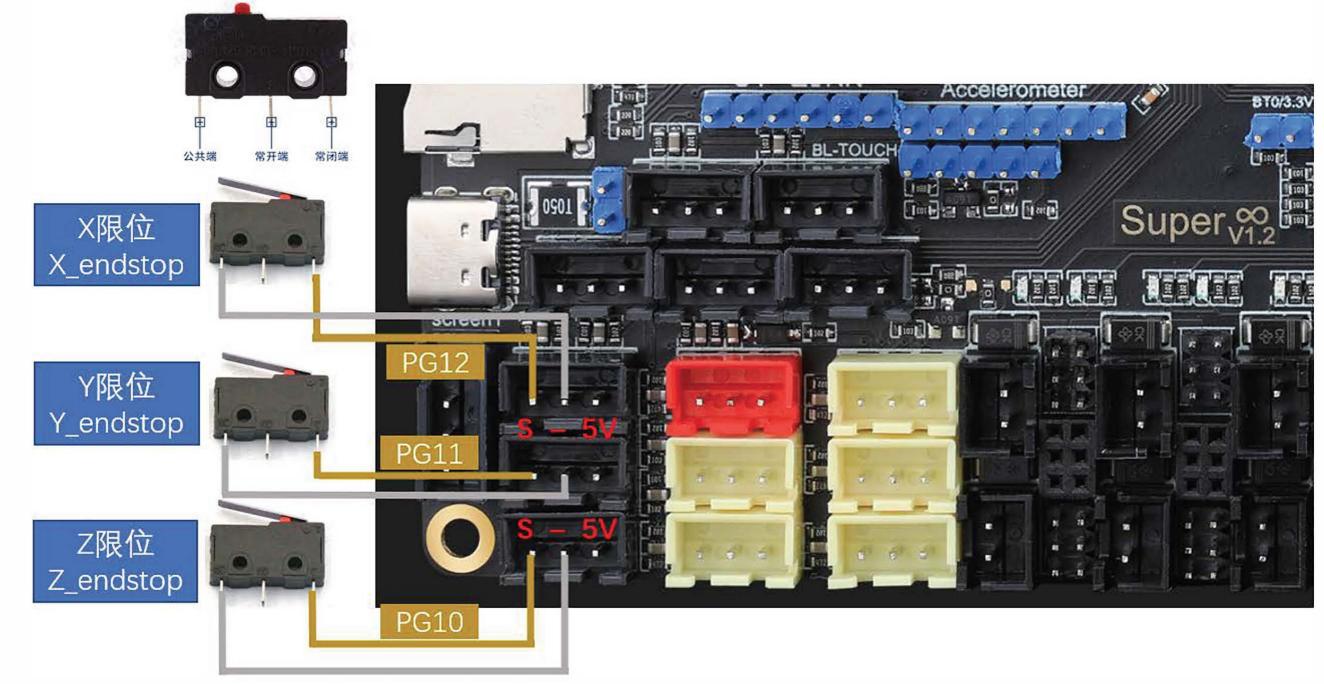


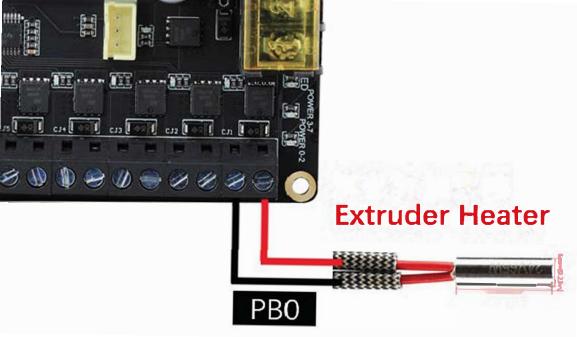
模型冷却风扇 PART COOLING FAN





If it breaks, replace it at any time







Nozzle thermistor

