

FAN1  
POWER: 24V  
K\_FAN1: PA6  
K\_FAN1\_FG: PA1

FAN2  
POWER: 24V  
K\_FAN2: PA7  
K\_FAN2\_FG: PA2

FAN3  
POWER: 24V  
K\_FAN3: PB0  
K\_FAN3\_FG: PA3

TH  
PA5 GND

BL-TOUCH  
GND 24V PB7 GND PB6

HEATER  
POWER: 24V  
MC\_HEATER: PB9

24V\_POWER  
GND 24V

USB  
USB\_N: PA11 GND USB\_P: PA12

MOTOR  
DIR: PB8  
STEP: PA8  
EN: PB11  
UART: PB10

FAN4  
POWER: 24V  
K\_LED1: PB1  
K\_LED1\_FG: PA4

uart  
GND TX: PA9 RX: PA10 5V

