



EN	STEP	DIR		X
PE4	PE3	PE2	GND	Y
PE1	PE0	PB9	GND	Z
PB8	PB5	PB4	GND	E0
PB3	PD6	PD3	GND	E1
PA3	PA6	PA1	GND	

BLTOUCH

GND	5V	PA8
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X-STOP

PA15	GND	5V
------	-----	----

Y-STOP

PA12	GND	5V
------	-----	----

Z-

PA11	GND	5V
------	-----	----

Z+

PC4	GND	5V
-----	-----	----

PW\_DET

PA2	GND	5V
-----	-----	----

MT\_DET1

PA4	GND	5V
-----	-----	----

MT\_DET2

PE6	GND	5V
-----	-----	----

PB2

PB2	GND	5V
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TC-MAX31855

5V
NC
SPI2-MISO
CS = PE5
SPI2-SCK

FAN PB1

HE1 PB0

HE0 PC3

H-BED PA0

12-24V

GND

POWER

USB

Use Uart3
PB10-TX
PB11-RX

TF(Use SDIO)

D0	PC8
DET	PD12
D1	PC9
CMD	PD2
SCK	PC12
GND	
D3	PC11
3.3V	
D2	PC10

WIFI

GND	3.3V
IO15	NC
NC	NC
IO0-P13	NC
IO1-PC7	NC
NC	WIFI-EN
TX-PA9	NC
RX-PA10	PA5

THM

TH2	TH1	TB
PC2	PC1	PC0