



- FAN PB1
- HE1 PB0
- HE0 PC3
- H-BED PA0
- 12-24V
- GND
- POWER

- +12/24V- +12/24V-
- X 2B 2A 1A 1B
- Y 2B 2A 1A 1B
- Z1 2B 2A 1A 1B
- E0 2B 2A 1A 1B
- E1 2B 2A 1A 1B

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

BLTOUCH		
GND	5V	PA8

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

TC-MAX31855		
5V		
NC		
GND		
SPI2-MISO		
CS = PE5		
SPI2-SCK		

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-PC13	NC
IO1-PC7	NC
NC	WIFI-EN
TX-PA9	NC
RX-PA10	PA5

THM		
TH2	TH1	TB
PC2	PC1	PC0