



12V in
(Fans, Hotends)

GND +
- +
- +
- +
- +
- +
- +
- +

12V out
Heated Bed

GND +
- +

12V in
Heated Bed

GND +

Steppers

1B
1A
2A
2B

external SD card

Reset SCL1
CS0 MISO
GND CLK
3.3V MOSI
CS1 CD

Thermistors

GND T4
GND T3
GND T2
GND T1
GND T0

Servos and ATX_on

Servo PWM1 Servo PWM2 Servo PWM3 PS_on
Servo +5V out Servo +5V out Servo +5V ir
GND GND GND GND

AUX_ADC

3.3V ADC GND

Steppers

2B
2A
1A
1B

LCD and Encoder

GND LCD RS
LCD 4 LCD 5
LCD 6 LCD 7
BEEP ENC P
ENC B ENCA

Endstops

3.3V GND X min
3.3V GND Y min
3.3V GND Z min
3.3V GND X max
3.3V GND Y max
3.3V GND Z max

AUX1

5V TX1 RX1 GND
25 27 29 31 33 35 37
GND

AUX2

CANRX CANRX
DAC1 DAC0