



12V in (Fans, Hotends) 12V out (Fans, Hotends) 12V out Heated Bed 12V in Heated Bed

GND + - + - + - + - + - + - + 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 out	Servo +5V in
GND	GND	GND	GND

AUX ADC
3.3V ADC GND

Steppers

2B
2A
1A
1B

LCD and Encoder

GND	5V
LCD RS	LCD EN
LCD 4	LCD 5
LCD 6	LCD 7
BEEP	ENC P
ENC B	ENC A

I2C
3.3V GND SDA SCL

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

DAC0
DAC1
CANRX
CANTX