

Pin	Function	Type	I/O
1	D13	Digital	
2	+3V3	Power	
3	AREF	Analog	
4	A0/DAC0	Analog	Digital Line Sensor
5	A1	Analog	
6	A2	Analog	
7	A3	Analog	
8	A4/SDA	Analog	
9	A5/SCL	Analog	
10	A6	Analog	
11	A7	Analog	
12	VUSB	Power	
13	RST	Digital	
14	GND	Power	
15	VIN	Power	
16	TX	Digital	
17	RX	Digital	
18	RST	Digital	
19	GND	Power	
20	D2	Digital	ENB
21	D3/PWM	Digital	ENA
22	D4	Digital	IN1
23	D5/PWM	Digital	IN2
24	D6/PWM	Digital	IN3
25	D7	Digital	IN4
26	D8	Digital	Digital Line Sensor
27	D9/PWM	Digital	Encoder Sensor
28	D10/PWM	Digital	Encoder Sensor
29	D11/MOSI	Digital	Digital Line Sensor
30	D12/MISO	Digital	Digital Line Sensor