For B-, B+
Supply, ext. [V]
Source

A (GND): ground
B (VCC): controller power supply (5V)
C (L IS): reverse/current alarm output
D (R IS): forward/current alarm output
E (L EN): reverse/enable (active HIGH)
F (R EN): forward/enable (active HIGH)
G (LPWM): reverse/PWM (active HIGH)
H (RPWM): forward/PWM (active HIGH)
1 (B-): motor power supply-
2 (B+): motor power supply+ (5.5-27V)
3 (M+): motor+
4 (M-): motor-

MOTOR

VCC
GND
A - B
C - D
E - F
G - H

LPWM
L-EN
R-EN
RPWM

3V3 power	① ②	5V power	
GPIO 2 (SDA)	③ ④	5V power	
GPIO 3 (SCL)	⑤ ⑥	Ground	
GPIO 4 (GPCLK0)	⑦ ⑧	GPIO 14 (TXD)	
Ground	⑨ ⑩	GPIO 15 (RXD)	
GPIO 17	⑪ ⑫	GPIO 18 (PCM_CLK)	
GPIO 27	⑬ ⑭	Ground	
GPIO 22	⑮ ⑯	GPIO 23	
3V3 power	⑰ ⑱	GPIO 24	
GPIO 10 (MOSI)	⑲ ⑳	Ground	
GPIO 9 (MISO)	㉑ ㉒	GPIO 25	
GPIO 11 (SCLK)	㉓ ㉔	GPIO 8 (CE0)	
Ground	㉕ ㉖	GPIO 7 (CE1)	
GPIO 0 (ID_SD)	㉗ ㉘	GPIO 1 (ID_SC)	
GPIO 5	㉙ ㉚	Ground	
GPIO 6	㉛ ㉜	GPIO 12 (PWM0)	
GPIO 13 (PWM1)	㉝ ㉞	Ground	
GPIO 19 (PCM_FS)	㉟ ㊱	GPIO 16	
GPIO 26	㊲ ㊳	GPIO 20 (PCM_DIN)	
Ground	㊴ ㊵	GPIO 21 (PCM_DOUT)	

L_EN
R_EN
RPWM
LPWM

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VCC
GND
A - B
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MOTOR

Notes:
L - EN = 2
R - EN = 3
LPWM = 4
RPWM = 17
using an external power source for VCC