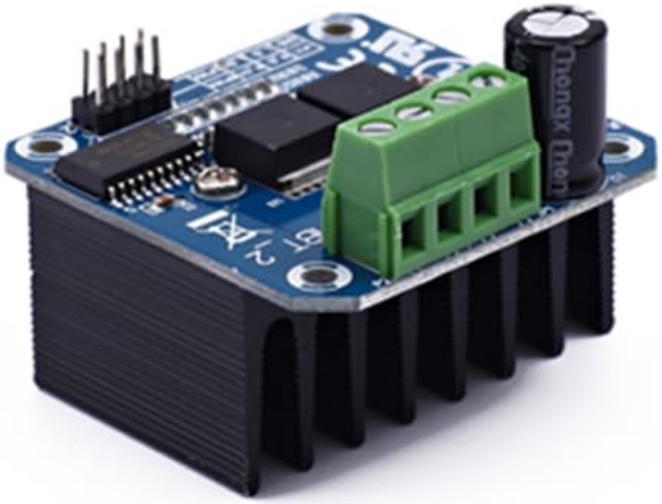


Model: ibt-2

Input voltage: 6V ~ 27V

Maximum current: 43A

Input level: 3.3V ~ 5V

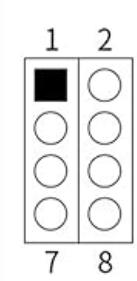
Control mode: PWM or level

Duty cycle: 0 ~ 100%

Current conditioning output: Yes

Introduce

Since the pin header is easily broken, we have added foam to the pin header BTS7960B H-bridge 43A high-power motor driverModuleOverview: This driver uses Infineon chips BTS7960 composed of high-power drive full H-bridge driver module with thermal over-current protection. Double BTS7960 H-bridge driver circuit, with a strong drive and braking, effectively isolating the microcontroller and motor driver! High-current 43A Features: Double BTS7960 large current (43 A) H bridge driver; 5V isolate with MCU, and effectively protect MCU; 5V power indicator on board; voltage indication of motor driver output end; can solder heat sink; Just need four lines from MCU to driver module (GND. 5V. PWM1. PWM2); isolation chip 5 V power supply (can share with MCU 5 V); size: 4 * 5 * 1.2 cm; Able to reverse the motor forward, two PWM input frequency up to 25kHZ; two heat flow passing through an error signal output; isolated chip 5V power supply (can be shared with the MCU 5V), can also use the on-board 5V supply; the supply voltage 5.5V to 27V



Terminal wiring instructions

1.Prwm：forward level or pwm signal input,high level valid

2.Lpwm:reverse level or pwm signal input,high level valid

3.R_En:forward drive enable input,high level enable,low level off

4.L_En:reverse driver enable input,high level enable,low level off

5.R_Is:forward drive side current alarm output

6.L_Is:reverse driver side current alarm output

7.VCC:+5V power input,connected with 5V power supply of MCU

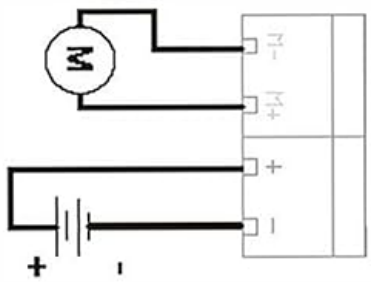
8.GND:signal common ground terminal

Wiring instructions

Methond 1:

VCC is connected to 5v power supply of Mcu,GND is connected to GND of MCU.

R_EN and l_When en is short circuited and connected to 5V level, the driver can work,



L_PWM,input PWM signal or high level motor for ward

R_PWM,input PWM signal or high level motor reverse

Methond 2:

VCC is connected to 5V power supply of MCU,GND is connected to GND of MCU.

R_EN AND L_EN short circuit and input PWM signal for speed regulation

L_PWM,pin input 5V level,motor forward

R_PWM,pin input 5V level,motor reversal

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Upload your video

Product information

Technical Details

Part Number	C9
Item Weight	3.2 ounces
Product Dimensions	1.97 x 1.97 x 0.98 inches
Item model number	BTS7960
Batteries Included?	No
Batteries Required?	No

Additional Information

ASIN	B07TFB22H5
Customer Reviews	4.1 188 ratings 4.1 out of 5 stars
Best Sellers Rank	#169,118 in Industrial & Scientific (See Top 100 in Industrial & Scientific) #134 in Motor Speed Controllers
Date First Available	October 11, 2019

Warranty & Support

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