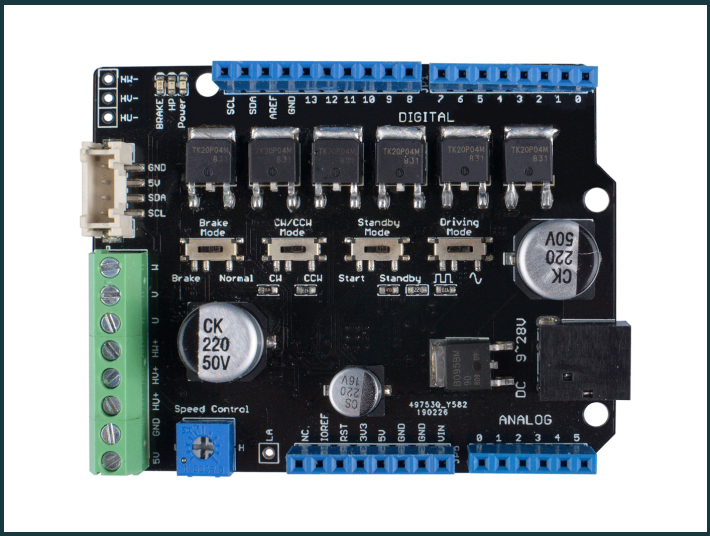
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INDUSTRIAL PRODUCT DATASHEET

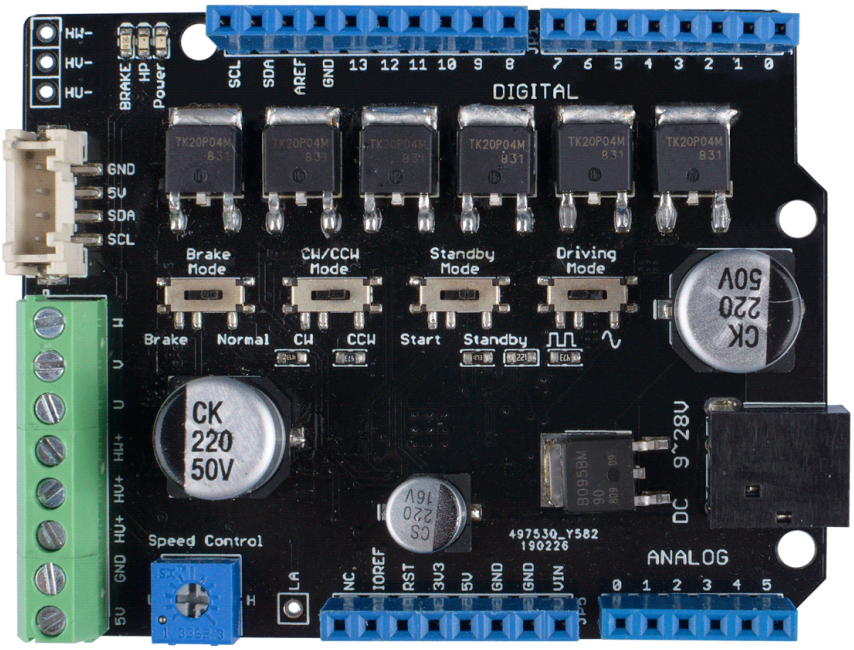
Brushless Motor Shield (TB6605FTG)

Brushless Motor Shield (TB6605FTG) for Arduino with 9V~24V input, I2C, adjustable speed, and multiple operating modes.

SKU	UPDATED	PRICE
105030027	2026-10-09 07:59:34	$29.90(Excl. VAT)



Overview



The Brushless Motor Shield (TB6605FTG) is a brushless motor driver for Arduino compatible systems, supporting a wide 9V~24V DC input range and continuous large current output. It features onboard potentiometer speed adjustment, four switches for multiple modes (CW/CCW, Brake/Normal, Sine wave/Square wave), and an onboard Grove I2C interface for easy integration with other Grove modules.

Key Features

The Brushless Motor Shield (TB6605FTG) is a brushless motor driver for Arduino compatible system. It supports 9V ~ 24V DC input and can continuously and continuously output large current to drive the brushless motor. With the onboard potentiometer, you can adjust the motor speed easily. This shield offers a variety of modes to choose from, you can use the four onboard switches to switch functions.

With the onboard Grove I2C interface, you can work with other grove modules with this shield easily, for instance, you can use a **Grove - LCD RGB Backlight** to display the Motor speed.

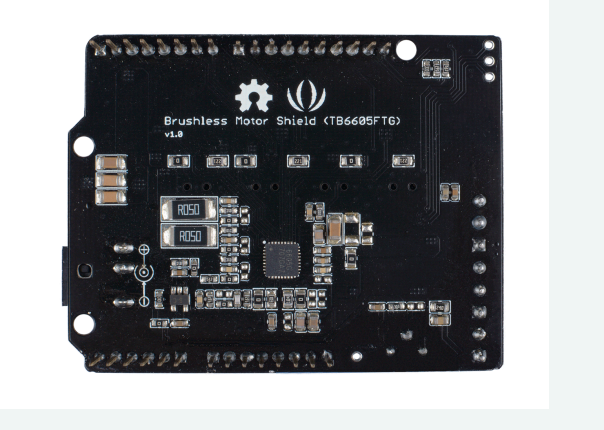
We also released the **TB6605 BLDC Motor Kit for Arduino**, which is based on this shield and contains an LCD and a high-quality brushless motor to display the Motor speed.

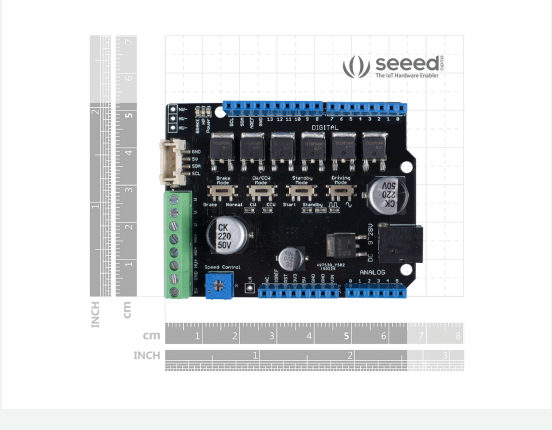
Feature

- Wide input voltage range: 9V ~ 24V
- I2C interface
- Hardware adjustable speed control(On-board Potentiometer)
- Multiple modes available: CW/CWW, Brake/Normal, Sine wave/Square wave

Hardware Overview

Product Gallery





Compliance & Logistics



HSCODE	8503001000
USHSCODE	8503003500
UPC	
EUHSCODE	8471707000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/BLDC-Motor-Shield-TB6605-p-4025.html
- BLDC Motor Shield (TB6605) Eagle Files
- 42BLF01 Brushless Motor-Specification

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