

DRV8871 Brushed DC Motor Driver Breakout 45V 3.6A

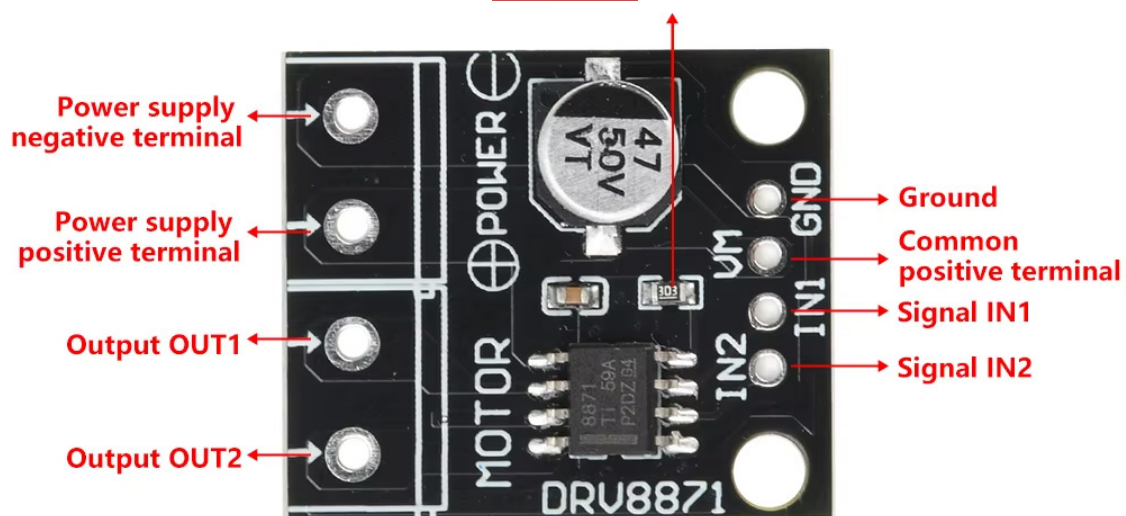


Features:

The DRV8871 Brushed DC Motor Driver Breakout is designed for driving brushed DC motors and other loads through PWM speed and power control. It supports a wide 6.5V to 45V DC operating voltage, 3.3V or 5V logic control, and a single H-bridge output peak current of 3.6A. The module includes overcurrent, short-circuit, undervoltage, and overheat protection for stable operation in printers, industrial equipment, and mechatronics applications.

Specifications	
Product Name	DRV8871 Brushed DC Motor Driver Breakout 45V 3.6A
Driver IC	DRV8871
Operating Voltage	6.5V to 45V DC
Control Level	3.3V, 5V
Single H-Bridge Output Peak Current	3.6A
Default Current Threshold	2A
Standard RDS On, HS + LS	565mOhm
Module Interface	2.54mm pitch solder holes
Product Dimensions	25.2 x 21.7 x 10mm
Protection	Overcurrent, short-circuit, undervoltage, overheat
Usage	Brushed DC motor control, stepper motor winding drive, and mechatronics systems

Pinouts:



Pin Name	Type	Description
Power Supply Negative Terminal	Power	Negative power supply input
Power Supply Positive Terminal	Power	Positive power supply input
OUT1	Output	Motor output 1
OUT2	Output	Motor output 2
GND	Power	Ground
VM	Power	Common positive terminal
IN1	Input	Signal input 1
IN2	Input	Signal input 2

Product Dimensions:



Product Pictures:

