

# MOTODRIVER2 DC MOTOR CONTROL

## COMPACT H-BRIDGE SOLUTION FOR CONTROLLING UP TO 2 DC MOTORS

JOY-IT

### SPECIAL FEATURES

- ✓ Control of up to 2 DC motors
- ✓ L298N H-bridge driver for reliable control
- ✓ Supports drive voltages from 5 V to 35 V
- ✓ Maximum drive current of 2 A per channel
- ✓ Compact design
- ✓ Screw terminals for simple wiring
- ✓ Ideal for robotic, DIY & automation projects



The MotoDriver 2 is a powerful and versatile expansion board for controlling and powering up to two DC motors. Equipped with the proven L298N H-bridge driver, the module enables precise control of motors in both directions of rotation and is ideal for applications in the fields of robotics, automation technology, model making or education.

The board operates with a logical input voltage of 5 V and supports drive voltages from 5 V to 35 V - allowing both smaller and more powerful motors to be operated with ease. The maximum output current per channel is 2 A, which enables a total output of up to 25 W. These specifications make the MotoDriver 2 ideal for mobile robot systems, drives, small conveyor belts or other electromechanical control systems.

Thanks to its compact design of 43 × 43 × 27 mm and a weight of just 24 g, the module is also ideally suited to tight installation spaces. The connection terminals are clearly labeled and enable quick wiring, which saves valuable time, especially for prototypes or in educational environments. Integration into microcontroller or single-board computer-supported systems such as Arduino, Raspberry Pi or ESP32 is carried out easily via digital control lines.

The MotoDriver 2 module is supplied fully ready for use and can be integrated directly into your control or development environment - without additional components or soldering work. A robust, reliable solution for a wide range of motor control tasks.

## MAIN FEATURES

Driver	L298N
Logical voltage	5 V
Drive voltage	5 V - 35 V
Drive current	2 A
Power	Max. 25 W

## ADDITIONAL INFORMATION

Weight	24 g
Dimensions	43 x 43 x 27 mm
Article no.	SBC-MotoDriver2
Items delivered	SBC-MotoDriver2
Customs tariff number	8473302000
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