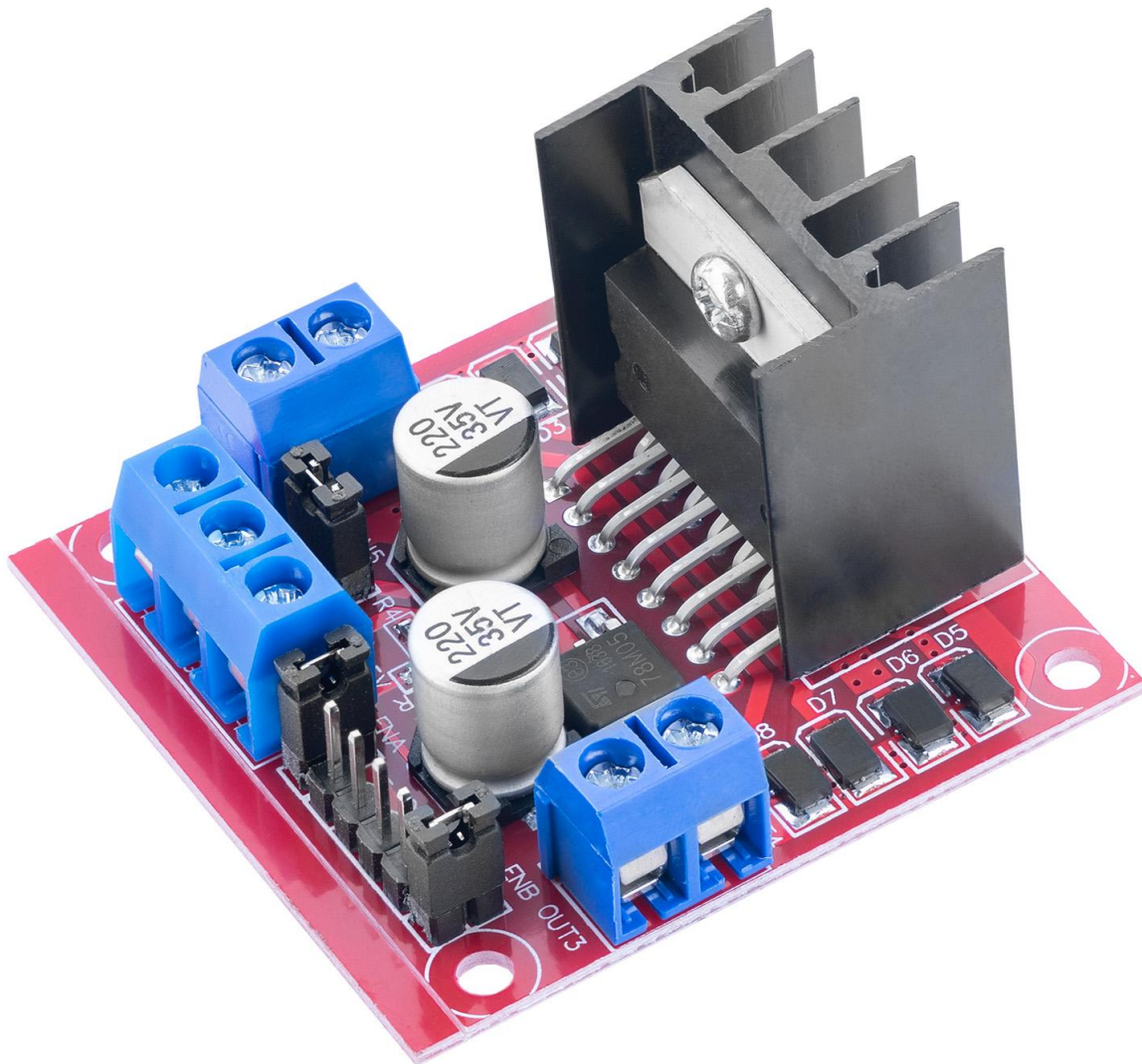


Motor Driver

datasheet

L298N Motor Driver



Description

The L298N Motor Driver is a dual H-bridge motor driver integrated circuit (IC). It is a type of motor controller that allows you to control the speed and direction of two DC motors or one stepper motor. It is commonly used in robotics and other applications where DC motors need to be controlled.

The L298N Motor Driver board is a compact, easy-to-use module that can be connected to a microcontroller, such as an Arduino board, to control DC motors. It has two H-bridge circuits, each of which can control the speed and direction of a separate DC motor. The L298N Motor Driver board also has built-in protection features, such as thermal shutdown and overcurrent protection, to ensure safe operation.

The L298N Motor Driver board is good for controlling DC motors in small and medium-sized projects. It can handle relatively high power motors (up to 2A per channel) and can be easily controlled using simple digital logic. Its compact size, easy-to-use interface, and built-in protection features make it a popular choice for hobbyists and students in the field of robotics and other projects that require precise control over DC motors.

Specifications

| | |
|-------------------|-----------------|
| Operating Voltage | 5V - 35V |
| Logic Level | 5V |
| Output current | 2A max. |
| Power | 25W |
| Dimensions | 44 x 47 x 28 mm |
| Weight | 24g |