



## L293D IC Based Motor Driver

### Support

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**SKU:** PH\_IMP\_18

**Price:** ~~₹200.00~~ Original price was: ₹200.00. ₹75.00  
Current price is: ₹75.00.

**Stock:** outofstock

**Categories:** [Components & Spares](#), [Sensors & Modules](#)

### Product Description

The major component in this **L293D Motor Driver module** is the **L293D Motor Driver IC**. This IC is a 16 pin half H bridge motor driver IC. It is capable of driving two DC motors or stepper motors at the same time. The direction of both the motors can be controlled independently of each other but if you just want to turn motor on or off, it can do that with four DC motors. It is used to drive the motors with voltage ratings from 5V to 36V and with a total DC current of 600mA. This **L293d motor driver board** can be used to drive high current circuits using digital circuits like 555 Timer, MOSFET, or microcontrollers like Arduino, Raspberry Pi, PIC, etc. It is good for robotics projects and other mechatronic projects like robot arms, follower robots, RF cars, etc.

### SPECIFICATIONS

- Can be used to run Two DC or stepper motors with the same IC.
- Speed and Direction control is possible of both the motors
- Motor voltage output VCC: 4.5V to 36V
- Maximum Peak motor current: 1.2A
- Maximum Continuous Motor Current: 600mA
- Supply Voltage to the IC: 4.5V to 7V
- Transition time: 300ns (at 5V and 24V)

- High Noise Immunity
  - Screw terminals to easily connect the motors
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