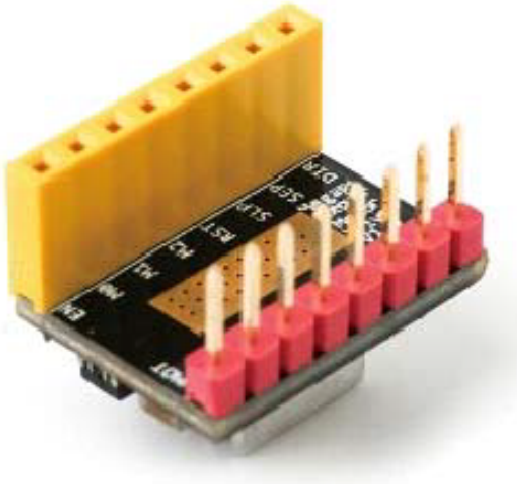


# MegaPi Stepper Motor Driver Module



## overview

The MegaPi Stepper Motor Driver Module is used to drive stepper motors. Using DRV8825 chip, the maximum driving current is 2.5A. DRV8825 is a complete micro-stepping motor driver with built-in converter for easy operation. It can be used to drive bipolar stepper motors operating in 1/2, 1/4, 1/8/1/16 or 1/32 step modes. It also comes with an on-board potentiometer to easily vary the current to the motor.

## Features

- Compatible with 4-wire bipolar stepper motors
- On-board potentiometer to control the current of the stepper motor
- Onboard heatsink for heat dissipation
- Can drive a stepper motor (green interface)
- Male and female pins are color-coded to ensure proper connection
- Small size for easy connection

## technical specifications

- Motor driver: DRV8825
- Output current: 1.75A (under proper conditions of 24V and 25°C heat dissipation)
- Maximum current: 2.5A (pay attention to heat dissipation)
- Driving voltage: 8.2V-45V

Note: The maximum power supply voltage of MegaPi is 12V

- Logic voltage: 5V
- Dimensions: 1.5cm x 2.0cm