



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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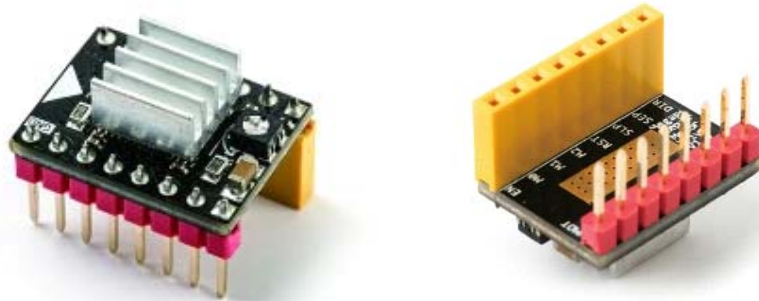
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MegaPi Stepper Motor Driver

SKU: 12035 Weight: 5.00 Gram



Description:

This module is designed to drive stepper motors. It uses DRV8825 chip and has a maximum driving current of 2.5A. The DRV8825 is a complete micro-stepping motor driver with built-in translator for easy operation. It is designed to operate bipolar stepper motors in full, 1/2, 1/4, 1/8/ 1/16, or 1/32 step modes. We add an on-board potentiometer, so you can change the current of motor easily.

Features:

- Compatible with 4 wire bi-polar stepper motors;
- A potentiometer to control the current of the stepper motor;
- A on board heat sink helping heat dissipation;
- Capable of driving one stepper motor (green interface);
- Color-code male and female pins ensure connecting with MegaPi correctly;
- Small size for easy connecting with MegaPi.

Specification:

- Motor driver: DRV8825
- Output current : 1.75A (with proper heatsinking at 24 V and 25°C)
- Max current: 2.5A (pay attention to heat dissipation)
- Drive voltage: 8.2V-45V
- Note: MegaPi max supply voltage 12V
- Logic voltage: 5V
- Dimensions: 1.5cm x 2.0cm

* Green plug 3.96-4P is included in the MegaPi Stepper Motor Driver