



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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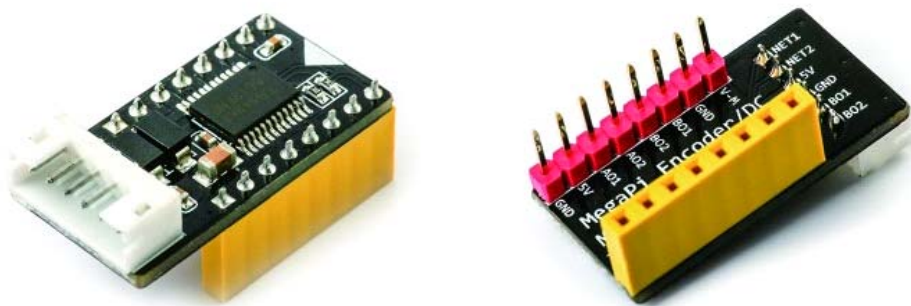
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MegaPi Encoder/DC Motor Driver

SKU: 12040 Weight: 5.00 Gram



Description :

This encoder motor is capable of driving two DC motors or one encoder motor. It has 16 pins, allowing you to connect with MegaPi by simply plugging in. The motor driver IC on the board is TB6612, which is a high efficiency MOSFET driver with low heat dissipation. Overcurrent protection included to prevent the driver IC from burning out.

Features:

- 6 V to 12 V motor supply range;
- 1 A maximum continuous current per motor (2 A peak);
- Over-current protection;
- Capable of driving one encoder driver (white interface) or two DC motors (green interface);
- Color-code male and female pins ensure connecting with MegaPi correctly;
- TVS protection included in the interface for driving encoder motors;
- Small size for easy connecting with MegaPi;

Specification:

- Motor driver: TB6612FNG
- Motor channels: 2
- Minimum operating voltage: 6 V
- Maximum operating voltage: 12 V
- Logic voltage: 5V
- Continuous output current per channel: 1 A
- Peak output current per channel: 2 A

Dimensions:

- 1.5cm x 3.0cm