

# MegaPi Encoder/DC Driver V1



## Overview

MegaPi Encoder/DC Motor Driver V 1 can drive two DC motors or one encoder motor. It adopts the 2 × 8 pin connection mode and thus can be easily mounted on MegaPi.

## Technical specifications

- Motor driver: MP80495
- Number of motor channels: 2
- Minimum operating voltage: 6V
- Maximum operating voltage: 12V
- Logical voltage: 5V
- Rated operating current of each channel: 3A
- Peak operating current: 5.5A
- Dimensions: 30 mm x 15 mm (width × height)

## Features

- Supports motors with the operating voltage range of 6V to 12V
- Provides a maximum operating current of 3A (a maximum peak operating current of 5.5A) when the power supply is 12V
- Equipped with overvoltage, overcurrent, and overtemperature protection, which ensures safe application
- High rotating speed at start
- Provides the offline function
- Photoelectric isolated signal input/output
- Provides the overvoltage, undervoltage, overcurrent, and phase-to-phase short-circuit protection

## Connection

