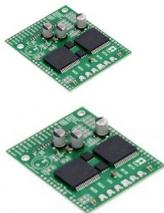# Pololu Dual VNH5019 Motor Driver Shield for Arduino

Rating: Not Rated Yet
Price:
Variant price modifier:

Price with discount: 6,300.00 PKR

Salesprice with discount:

Sales price: 6,300.00 PKR

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Description

Get your Arduino moving! This shield makes it easy to control two high-power DC motors with your Arduino or Arduino-compatible board. Its dual robust VNH5019 motor drivers operate from 5.5 to 24 V and can deliver a continuous 12 A (30 A peak) per motor, or a continuous 24 A (60 A peak) to a single motor connected to both channels. These great drivers also offer current-sense feedback and accept ultrasonic PWM frequencies for quieter operation. The Arduino pin mappings can all be customized if the defaults are not convenient, and the motor driver control lines are broken out along the left side of the shield for general-purpose use without an Arduino.

This motor driver shield and its corresponding Arduino library make it easy to control two bidirectional, high-power, brushed DC motors with an [Arduino](#) or compatible board, such as the [A-Star 32U4 Prime](#). The board features a pair of robust VNH5019 motor drivers from ST, which operate from 5.5 to 24 V and can deliver a continuous 12 A (30 A peak) per channel, and incorporates most of the components of the typical application diagram on page 14 of the[VNH5019 datasheet](#) (475k pdf), including pull-up and protection resistors and FETs for reverse battery protection. It ships fully populated with its SMD components, including the two VNH5019 ICs, as shown in the picture to the right; stackable Arduino headers and terminal blocks for connecting motors and motor power are included but are not soldered in (see the Included Hardware section below).

Reviews

There are yet no reviews for this product.