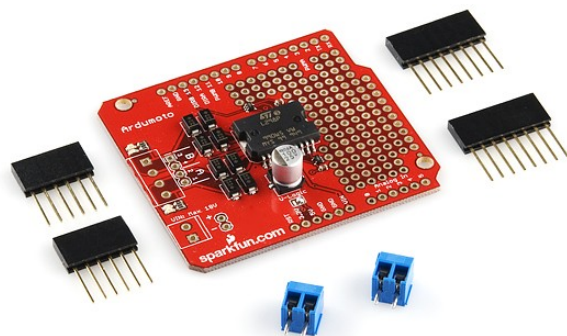


SparkFun

ArduMoto - Motor Driver Shield Retail

sku: RTL-09896



Description: This kit is the same product as the [ArduMoto Shield](#) but it also includes headers and screw terminals. The board and parts come in fancy clamshell packaging meant for our distributors that need it. Regular customers are welcome to order, but we want to limit the amount of extra packaging finding its way into the trash heap.

This is a motor shield for Arduino that will control two DC motors. Based on the L298 H-bridge, the ArduMoto can drive up to 2 amps per channel. The board takes its power from the same Vin line as the Arduino board, includes blue and yellow LEDs to indicate active direction, and all driver lines are diode protected from back EMF.

Control for motor attached to OUT1/2 is connected to digital line 12 (direction A) and digital line 3 (PWM A). Control for motor attached to OUT3/4 is connected to digital line 13 (direction B) and digital line 11 (PWM B).

Kit Includes:

- 1 x [ArduMoto Shield](#)
- 2 x [Stackable Headers 6-pin](#)
- 2 x [Stackable Headers 8-pin](#)
- 2 x [Screw Terminals 3.5mm Pitch \(2-Pin\)](#)

Documents:

- [Schematic](#)
- [Eagle Files](#)
- [L298 H Bridge data sheet](#)
- [Example Arduino sketch](#)
- [Assembly Guide](#)
- [Quickstart Guide](#)