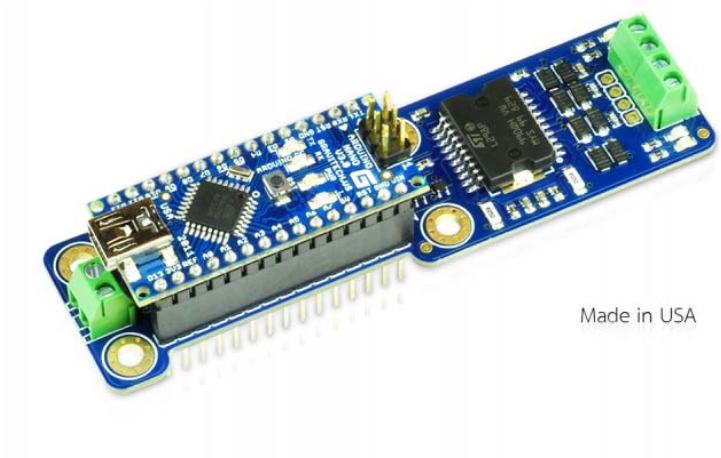
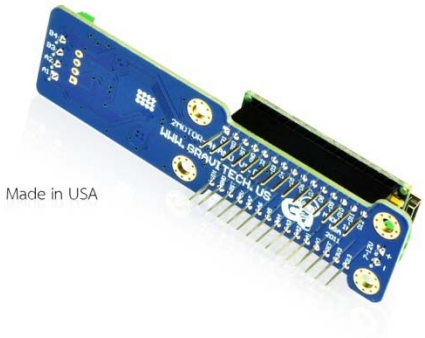
2MOTOR w/ Feedback Control add-on for Arduino Nano

Item# ARSH-0055



This add-on module allows you to control up to two DC motors at maximum of 2A/motor using theArduino Nano. You get all of the benefits of using the Arduino Nano. This includes breadboard friendliness for quick prototyping. It is fully assembled with long pin headers so you don't need to purchase and solder the headers separately. You're ready to go out of the box! Yes, you get the same stackable benefits as the Arduino shields. Its small size of 3.7"x1.0" makes it easy to hide or fit in a small project box.



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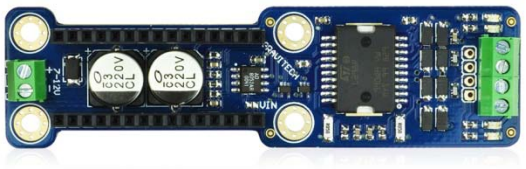
The 2MOTOR-4NANO module comes with feedback back current sense circuitries for both of the motors independently. So not only can you control the speed of the motor using PWM, but also you can sense the load of the motor and adjust your control accordingly. The design is featured with a high quality 2oz copper and gold plated PCB. The two high grade 220uF decoupling capacitors keep the noise low. We use 3.5mm pitch screw terminals for quick and easy motor connections. You can use up to 18AWG wire (16AWG if you try hard!). This module is based on the L298 Dual Full H-Bridge driver.

Specifications :

- 2Amps per motor, 24VDC maximum motor voltage
- Dual Full H-Bridge driver with PWM control
- Feedback current sense with amplification
- Back EMF clamping diodes
- 2oz gold plated PCB
- Large high quality decoupling capacitors
- Breadboard friendly, small size 3.7”x1.0”
- 4 mounting holes for standalone application
- Long header pins for stackability



Made in USA

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