

Adafruit Motor Shield V2

2 connections for 5V 'hobby' servos connected to the Arduino's high-resolution dedicated timer.

4 H-Bridges: TB6612 chipset provides 1.2A per bridge (3A for brief 20ms peaks) with thermal shutdown protection, internal kickback protection diodes. Can run motors on 4.5VDC to 13.5VDC.

Up to 4 bi-directional DC motors with individual 8-bit speed selection (so, about 0.5% resolution)

Up to 2 stepper motors (unipolar or bipolar) with single coil, double coil, interleaved or micro-stepping.
Motors automatically disabled on power-up

Big terminal block connectors to easily hook up wires (18-26AWG) and power
Arduino reset button brought up top

Polarity protected 2-pin terminal block and jumper to connect external power, for separate logic/motor supplies

Tested compatible with Arduino UNO, Leonardo, ADK/Mega R3, Decimal & Duemilanove. Works with Due with 3.3v logic jumper. Works with Mega/ADK R2 and earlier with 2 wire jumpers.

Download the easy-to-use Arduino software library, check out the examples and you're ready to go!
5v or 3.3v compatible logic levels - jumper configurable

