

Description

L293D Motor Shield

- 2 connectors for servos 5V 'hobby' connected to the Arduino's high-resolution dedicated timer
- 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.
- 4 H-Bridges: L293D chipset provides 0.6A per bridge (1.2A peak) with thermal shutdown protection, 4.5V to 25V
- Pull resistors keep motors disabled during startup
- Large terminal block easy connection of wires (10-22AWG) and power
- Arduino reset button
- 2-pole terminal strip to an external power source to connect, for separate logic / motor supplies
- Compatible with Mega, Diecimila, Duemilanove &

pin to use:

Digital pin 11: DC Motor # 1 / Stepper # 1 (activation / speed control)

Digital pin 3: DC Motor # 2 / Stepper # 1 (activation / speed control)

Digital pin 5: DC Motor # 3 / Stepper # 2 (activation / speed control)

Digital pin 6: DC Motor # 4 / Stepper # 2 (activation / speed control)

Digital pin 4, 7, 8, and 12 are used to set the DC / stepper motor drive via series-parallel latch 74HC595

Digital pin 9: Servo # 1 control

Digital pin 10: Servo # 2 control