L293D

MOTOR DRIVER BOARD SHIELD



• It can run 2 servo or 2 stepper or 4 DC motor with the help of external power supply and controlling via arduino.
• 2 connections for 5V ‘hobby’ servos connected to the Arduino’s high-resolution dedicated timer
• 4 H-Bridges: L293D chipset provides 0.6A per bridge (1.2A peak) with thermal shutdown protection, internal kickback protection diodes. Can run motors on 4.5VDC to 25VDC.
• 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 or interleaved stepping.
• Pull-down resistors keep motors disabled during power-up
• Big terminal block connectors to easily hook up wires (18-26AWG) and power
• Arduino reset button brought up top
• 2-pin terminal block and jumper to connect external power, for separate logic/motor supplies
• Tested compatible with Arduino Mega 1280 & 2560, Diecimila, Duemilanove, and UNO