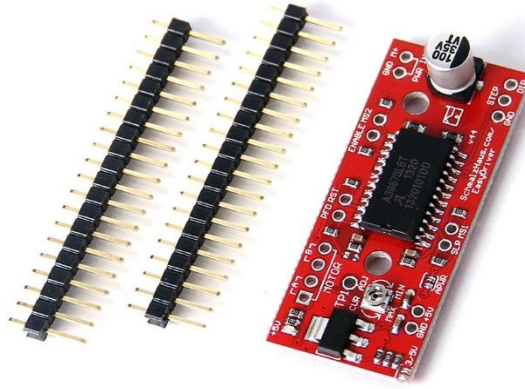


CH STEPPER MOTOR DRIVER 0.75A



Description:

The Easy Driver Stepper Motor Driver is a simple to use stepper motor driver, compatible with anything that can output a digital 0 to 5V pulse (or 0 to 3.3V pulse if you solder SJ2 closed on the Easy Driver). Easy Driver requires a 7V to 30V supply to power the motor and can power any voltage of stepper motor. The Easy Driver has an on board voltage regulator for the digital interface that can be set to 5V or 3.3V. Connect a 4-wire stepper motor and a microcontroller and you've got precision motor control! Easy Driver drives bi-polar motors, and motors wired as bi-polar. I.e. 4,6, or 8 wire stepper motors. On this version (v4.4) we fixed the silk error on the min/max adjustment.

This is the newest version of Easy Driver V4. It provides much more flexibility and control over your stepper motor, when compared to older versions. The micro step select (MS1 and MS2) pins of the A3967 are broken out allowing adjustments to the micro stepping resolution. The sleep and enable pins are also broken out for further control.

Caution: Do not connect or disconnect a motor while the driver is energized. This will cause permanent damage to the A3967 IC.

Features:

- A3967 micro stepping driver
- MS1 and MS2 pins broken out to change micro stepping resolution to full, half, quarter and eighth steps (defaults to eighth)
- Compatible with 4, 6, and 8 wire stepper motors of any voltage
- Adjustable current control from 150mA/phase to 750mA/phase
- Power supply range from 7V to 30V. The higher the voltage, the higher the torque at high speeds

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