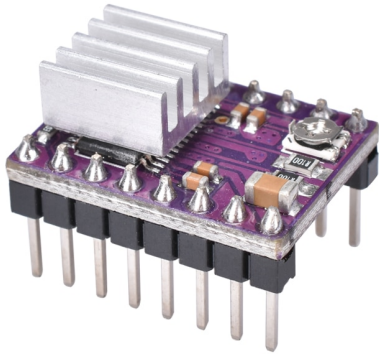


Stepstick Drv8825 Stepper Driver



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SKU: 3DWR9ZZE8TPXV

Price: 25.00 DH

Stock: outofstock

Categories: [Spare Parts](#)

Product Description

DRV8825 stepper motor driver carrier board TI DRV8825 micro bipolar stepper motor drive is a breakthrough. The module has a pinout and interface with our A4988 stepper motor driver carrier is almost the same, so it can be used as a better performance of the pull-down menu board replacement in many applications. DRV8825 features an adjustable current limit, overcurrent and overtemperature protection, six micro-resolution (down 1/32-step). It uses 8.2 - 45 V, can provide up to about 1.5 per phase no heat sink or forced air flow (rated up to 2.2 per volume sufficient additional cooling).

Product Features

A simple steps and direction control interface

2 six different steps resolutions: full step, half step, 1/4-step 1/8-step 1/16-step, 1/32-step

3. CAN interface directly with 3.3 V and 5 V systems

4 Over-temperature thermal shutdown, overcurrent shutdown, undervoltage lockout

5 short to ground short circuit load protection

6.4 Layer 2 oz copper PCB, in order to improve heat dissipation

7 exposed solder ground below the bottom of the driver IC on the printed circuit board pad

8 module size, pin and interface matching A4988 stepper motor driver operators in many ways

9 adjustable current control lets you set a potentiometer, which lets you use the stepper motor's rated voltage or more, in order to achieve a higher rate of maximum output current step

10 Intelligent chopping control automatically selects the correct current decay mode (fast decay or slow decay)

11 Maximum 45 V supply voltage

12 built-in voltage regulator (the need for any external logic supply voltage)
