



# D8225

## Chip DRV8825 Stepper Motor Driver + Heatsink



- A simple steps and direction control interface
- six different steps resolutions: full step, half step, 1/4-step, 1/8-step, 1/16-step, 1/32-step
- CAN interface directly with 3.3 V and 5 V systems
- Over-temperature thermal shutdown, over current shutdown, under voltage lockout
- Short to ground short circuit load protection
- 4 Layer 2 oz copper PCB, in order to improve heat dissipation
- Exposed solder ground below the bottom of the driver IC on the printed circuit board pad
- module size, pin and interface matching A4988 stepper motor driver operators in many ways
- 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
- Intelligent chopping control automatically selects the correct current decay mode (fast decay or slow decay)
- Maximum 45 V supply voltage