

TB6560 3.5A Stepper Motor Driver



Introduction

The TB6560-3 Axis Stepper Motor Driver is an excellent microstepping driver that uses the TOSHIBA TB6560 Chip, based on pure-sine current control technology. Owing to the above technology and the self-adjustment technology (self-adjust current control parameters) according to different motors, the driven motors can run with smaller noise, lower heating, smoother movement and have better performances at higher speed than most of the drives in the markets. It is suitable for driving 2-phase and 4-phase hybrid stepping motors.

Features

- Low cost and good high-speed torque
- Supply voltage up to +32 VDC
- Output current up to 3.0A
- Pulse frequency up to 20 KHz
- Suitable for 2-phase and 4-phase motors
- Over-voltage and short-circuit protection
- 7 output current choices, max 3200 steps/rev
- Automatic idle-current reduction

Applications

Suitable for a wide range of stepping motors from NEMA size 17 to 23. It can be used in various kinds of machines, such as X-Y-Z tables, labeling machines, laser cutters, engraving machines, pick-place devices, and so on. Particularly adapt to the applications desired with low vibration, high speed and high precision.

