

Step Up Your Game

with great value in stepper components from AutomationDirect.



Leadshine

Stepper Drives

Starting at: \$25.50 (DM322E)

These 2-phase digital stepper drives offer a basic feature set at an unbeatable value.

- Motor auto-configuration on power up
- Wide range of input voltages supported (12-110 VDC, 18-80 VAC)
- Pulse input frequency up to 200kHz
- Soft-start at power on
- Automatic idle-current reduction
- Over-voltage and over-current protection
- Optically-isolated inputs
- No software required; DIP-switches for built-in self-test, microstep resolution selection, and current level selection
- NEMA 11, 14, 17, 23, 24, 34 and 42 frame size step motors supported



SureStep

AC Step Systems

AC stepper drive accepts 90-240VAC input to power high-voltage bipolar stepping motors for high torque, especially at higher speeds.

AC Stepper Drive:

Starting at \$199.00 (STP-DRVAC-24025)

- Auto-setup measures motor parameters, configures current control, and anti-resonance gain settings
- Switch selectable microstep resolution
- Switch configurable: running current, anti-resonance, input signal filter, step smoothing filter, and self-test

High-Voltage Step Motors:

Starting at \$57.00 (STP-MTRAC-23044)

- High torque at higher speeds
- Single-shaft and dual-shaft designs
- NEMA frame sizes: 23, 24
- Available torque from 75 to 1841 oz-in
- 1.8° step angle, 200 steps per revolution
- IP40 protection rating



CUI DEVICES

Modular Encoders

Starting at: \$24.25 (AMT102-V)

These kit encoders from CUI Devices utilize rugged capacitive technology for highly accurate position sensing. All dual-shaft SureStep motors have pre-drilled holes for easy encoder mounting.

- Quadrature outputs with push-pull or line driver signals
- Models to fit NEMA 14, 17, 23, 34, and 42 motors
- DIP-switch or software configured models
- Up to 2048 PPR on DIP-switch models
- Up to 4096 PPR on software models
- Adjustable index(z) pulse on software models
- Free configuration software
- Commutation models also available for BLDC motors

NEW!

STEPPER SYSTEM SELECTOR

Use our new Stepper System Selector to size a stepper motor for your application, then walk through all the options for *that* motor; including encoders, drives, power supplies, cables, and more.

[www.automationdirect.com/
selectors/steppers](http://www.automationdirect.com/selectors/steppers)

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SureStep®
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Motor/Drives



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IP65 Stepper Motors



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