

Product Search:

Stepper Drives **Products**

powered by **ADVIZIA**

◀ 9 of 23 Matches ▶

MD808

[View Product Selector](#) [Compare Matches](#)

Superior Electric

[Specs](#) | [Documentation](#)

GENERAL

Family:	MD808
Brand:	Superior Electric
Regions Available:	North America, Asia
Type:	High performance, compact, low cost microstepping drive for two phase step motors
Description:	The Superior Electric MD808 series high performance microstepping drives provide an affordable solution for a wide variety of OEM single and multi-axis applications. This series offers step and direction inputs and up to 20,000 micro-steps per revolution for smooth, low-speed operation. These drives operate from a single 20 to 80 VDC power source and provide switch selectable output current from 3 to 8 amps.
Number of Drive Axes:	1
Operating Modes:	Step and Direction
Interfaces:	Dip Switches
Commissioning Software:	Yes
Other Features:	Smoothing Software (frequency filter)
Agency Ratings:	CE, cUR, UR

COMPATIBLE STEPPER MOTORS

Suggested Pacific Scientific and Superior Electric Motors:	M, KML
Compatible NEMA motor sizes:	23, 34
Motor Inductance Range mH:	0.9 to 31

ELECTRICAL

Power supply included:	No
Input DC voltage range VDC:	20 to 80
Minimum Output DC Current A, peak:	3.0
Maximum Output DC Current A, peak:	8.0
Idle Current Reduction:	50%
Input Resolution Range pulses/rev:	200 to 20,000 (optional 25,600)

DIGITAL I/O

Optical Isolation:	yes
Dedicated Inputs:	Pulse, Dir, AWO, RDCE
User-Defined Inputs:	0
User-Defined Outputs:	0

ENVIRONMENTAL

Operating Ambient Temperature °C:	0 to 50
Storage Temperature °C:	-40 to 75
Maximum Relative Humidity % non condensing:	95
Altitude Above Sea Level km (ft):	2.0 (6562)

THERMAL CHARACTERISTICS

