

Electrónica - Tarjeta DC
12A8
Advanced Motion Control



Las Ventajas:

- Four Quadrant Regenerative Operation
- DIP Switch Selectable Modes
- Adjustable Current Limits
- High Switching Frequency
- Differential Input Command
- Digital Fault Output Monitor
- On-Board Test Potentiometer
- Offset Adjustment Potentiometer
- Adjustable Input Gain
- Drive Status LED
- Current Monitor Output
- Directional Inhibit Inputs for Limit Switches

| Power Specifications | | |
|---|---------|--|
| Description | Units | Value |
| DC Supply Voltage Range | VDC | 20 - 80 |
| DC Bus Over Voltage Limit | VDC | 86 |
| Maximum Peak Output Current ¹ | A | 12 |
| Maximum Continuous Output Current | A | 6 |
| Maximum Continuous Output Power | W | 456 |
| Maximum Power Dissipation at Continuous Current | W | 24 |
| Minimum Load Inductance (Line-To-Line) ² | µH | 200 |
| Low Voltage Supply Outputs | - | ±5 VDC (3 mA) |
| Switching Frequency | kHz | 36 |
| Control Specifications | | |
| Description | Units | Value |
| Command Sources | - | ±10 V Analog |
| Feedback Supported | - | ±10 VDC Position, Tachometer (±60 VDC) |
| Commutation Methods | - | Brush Type |
| Modes of Operation | - | Current, IR Compensation, Velocity, Voltage |
| Motors Supported | - | Single Phase (Brushed, Voice Coil, Inductive Load) |
| Hardware Protection | - | Over Current, Over Temperature, Over Voltage, Short Circuit (Phase-Phase & Phase-Ground) |
| Primary I/O Logic Level | - | 5V TTL |
| Mechanical Specifications | | |
| Description | Units | Value |
| Agency Approvals | - | CE Class A (EMC), CE Class A (LVD), cUL, RoHS, UL |
| Size (H x W x D) | mm (in) | 129.3 x 75.8 x 25.1 (5.1 x 3 x 1) |
| Weight | g (oz) | 280 (9.9) |
| Heatsink (Base) Temperature Range ³ | °C (°F) | 0 - 65 (32 - 149) |
| Storage Temperature Range | °C (°F) | -40 - 85 (-40 - 185) |
| Form Factor | - | Panel Mount |
| P1 Connector | - | 16-pin, 2.54 mm spaced, friction lock header |
| P2 Connector | - | 5-port, 5.08 mm spaced, screw terminal |

PLANO 3D (IGES)

