



MAXnet 1 to 10-Axis

- Ethernet TCP/IP or RS232 Communications
- 10-axis, Servo or Stepper control
- 16 User definable digital I/O
- Backlash compensation
- Shielded Connectors
- Synchronized and Coordinated 100%



PC78

- PC104 & RS232 Communications
- 4-axis, Servo or Stepper control
- Optional Closed-Loop Steppers
- Incremental Encoder Feedback
- 12 User definable digital I/O
- 16-bit analog servo outputs
- Shielded connector



UMX

- USB Communications
- 4-axis, Servo or Stepper control
- Small form factor (3.5"x3.3")
- Incremental Encoder Feedback
- 12 User definable digital I/O
- Intuitive commands are easy to use
- 16-bit analog resolution



MAXv

- VME/VME64 Bus Specification
- 8-axis, Servo or Stepper control
- Incremental or Absolute Encoders
- 16 User definable digital I/O
- 6 spare analog inputs (16-bit)
- 2 spare analog outputs (16-bit)
- 100% coordinated & synchronous



PCix

- PCI Bus, half-size board
- 4-axis, Servo or Stepper control
- Incremental Encoders
- Dual-port memory for fast communications
- 12 User definable digital I/O
- 16-bit analog servo outputs
- Shielded connector



OMA

- Up to 6A motor current, 8A Peak (175W typical*)
- Rotor position feedback using incremental encoder or hall sensor
- Alternative BiSS absolute encoder support
- Eight opto-isolated input/output including Home and Limit
- Small formfactor (PCB size: 2.22" x 2.22" x 0.83")
- Support for dual-loop position maintenance for load position control



OMDE2

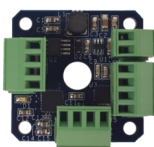
- Stepper Motor Drive
- Encoders, Incremental & Absolute (BiSS & SSI)
- Communication = 115.2K Baud
- Up to 2.5 Amps
- Velocity to 2M steps per sec
- Small size (2.2 x 2.2 inch)
- Microstepping to 1/256

OMS Motion, Inc has been producing superior motion control products and service for more than 40 years. **OMS** has a strong reputation with engineers, designers, and scientists worldwide for capable and reliable products. A customized off-the-shelf solution is your fastest channel to optimum success. Contact us. **OMS** will help with your motion requirements.



OMD24 Drive/Controller

- Single Axis Stepper Drive and Control w/ RS485 communication
- Size 23, for direct motor mounting
- 2A typical motor phase current
- Microstep resolutions to 1/256
- Advanced Motion Control Capabilities
- RS485 @ 115.2k Baud



OMD18 Drive/Controller

- Single Axis Stepper Drive and Control
- Size 17, for direct motor mounting
- 1.5A typical (1.7A peak)
- Advanced Motion Control Capabilities
- RS485 @ 115.2k Baud
- Center pass-through for Linear Actuator motor mounting



OMD17b

- Fractional step resolution; Full, 1/2, 1/4, 1/8, 1/16
- Control Voltage +5V to 20V
- Easy Wiring
- Current-set Resistor
- Motor voltage 18V to 35V
- No Heatsink required



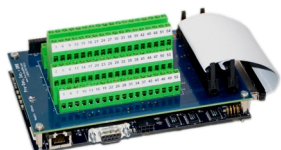
OMD23b

- Bi-polar Chopper Drive
- 0.0 to 2 Amps Phase Current
- Electrically Isolated Control Signals
- Compact, measuring only 2.25" x 2.25"
- Selectable microsteps to **1/256**
- No heatsink required under 1 Amp
- Superior performance



OMD34b

- Bi-polar Chopper Drive
- 0.0 to 7 Amps Phase Current
- Electrically Isolated Control Signals
- No heatsink required under 3 Amps
- Compact, measuring only 2.25" x 2.85"
- Screw-terminal connectors
- Selectable microstep to 1/256



Accessories

- Interconnection Modules
- Cables
- Connectors
- Daughter boards
- Custom solutions
- Packaged solutions for optimum performance
- Person to person support

