

**Documentation**

Technical Reference

***DMC1500 Motor Controller for Switched Reluctance Motors***

**Application**

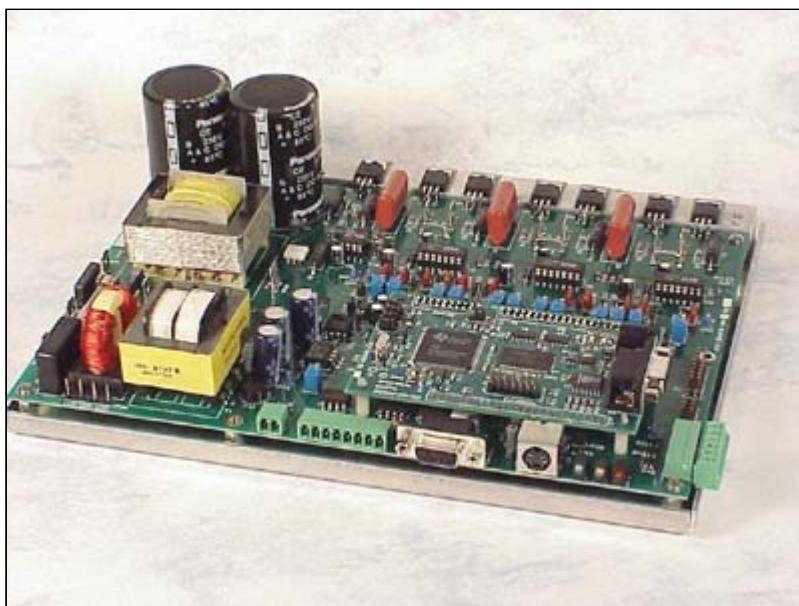
Debug Hardware

Debug Software

Motor Control

**Warranty:** 1 year from date of purchase

**Part #:** 701228



DMC1500 Motor Controller

**Hardware Features**

- Compatible with Spectrum Digital's F240, F243, F2407 DSKs, eZdsp LF2407A, eZdsp F2812, EVM LF2407A
- Allows development of algorithms for Switched Reluctance Motors
- Rated Bus voltages of +350 VDC
- Rated current is 5 amps continuous, 10 amps peak
- Onboard control power supply (115-230 VAC)
- Onboard Bus supply (Bridge + Capacitors + Voltage Doubler)
- Optically isolated digital I/O
- Optically isolated RS-232
- Optically isolated CAN interface
- Onboard Power Factor (PF) correction logic
- Size: 9.6 x 6.65 inches (244 x 169 mm)

**Software Features**

- Compatible with C2000 Code Composer Studio from Texas Instruments

**What's Included !**

- DMC1500 circuit board and base
- Technical Reference with schematics

**Do You Need ?**

- JTAG Emulator (XDS510PP PLUS)
- JTAG Emulator (XDS510 USB)
- SPI110 LV Opto Pod
- Code Composer Studio
- Evaluation Module LF2407A
- eZdsp F2407A
- eZdsp F2812



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