



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



**Documentation**

Technical Reference

**Application**

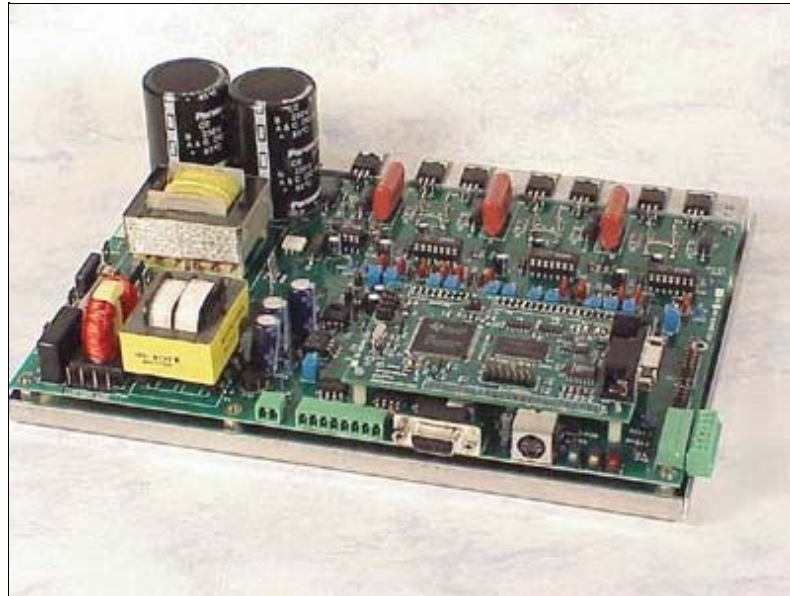
Debug Hardware

Debug Software

Motor Control

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

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



**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

**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

Optically isolated CAN interface

- Onboard Power Factor (PF) correction logic
- Size: 9.6 x 6.65 inches (244 x 169 mm)

---

© 2002-2013 Spectrum Digital, Inc. All Rights Reserved.

---