

DMC550 Digital Motor Controller



Documentation

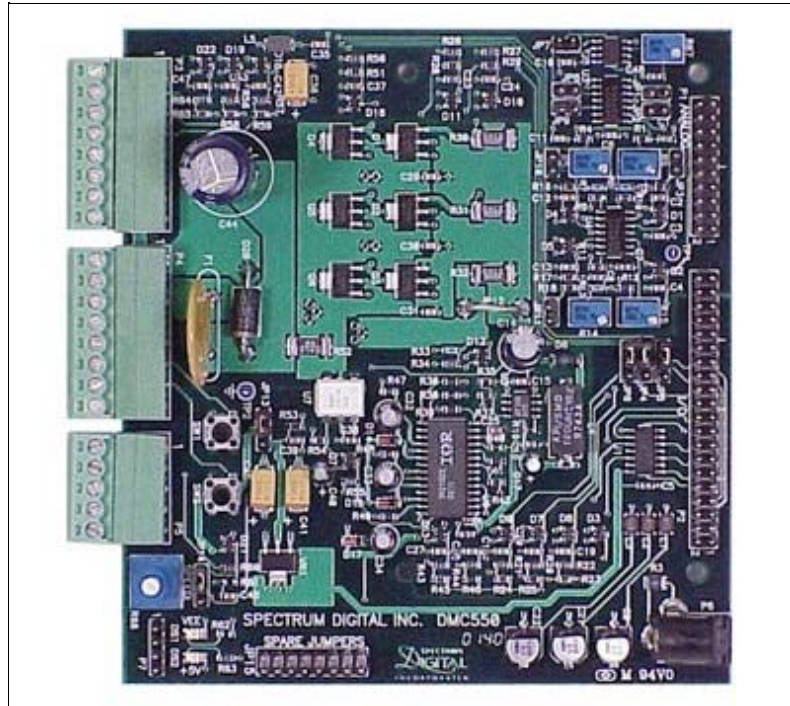
Technical Reference

Application

Debug hardware
Debug software
Motor control

Warranty: 1 year from date of purchase

Part #: 701225



DMC550 Digital Motor Controller

Hardware Features

- Provides driver platform for brushless DC motors to operate with Spectrum Digital's F240, F243, LF2407 DSKs, and the eZdsp LF2407A
- 2.5 amp drive at +24 VDC bus
- 3 Hall effect sensor inputs
- Optical encoder input
- 2 General purpose switches
- 1 Potentiometer input
- 2 External switch inputs
- 1 External voltage input
- 3 Phase voltage and current sense inputs

Software Features

- Compatible with Code Composer/Studio from Texas Instruments

What's Included

- DMC550 circuit board
- Technical reference with schematics

Do You Need ?

- JTAG Emulator (XDS510PP PLUS)
- Code Composer/Studio
- eZdsp LF2407A

- 1 Bus voltage sense input
- High side current fault
- Size: 4.75 x 4.40 inches
(121 x 112 mm.)