

**eZdsp™ F2812 for TMS320F2812 DSP w/o Socket with Fuzzy Logic Development Software**

**Documentation**

- Fuzzy Logic White Paper
- The Design And Development of Fuzzy Logic Controllers
- Technical Reference Manual for eZdsp
- Quick Start Guide
- Sample Code
- FAQ
- eZdspF2812 Support Page

**Application**

- Motor Control
- Motion Control
- Algorithm Development
- Microcontroller Replacement

**Warranty:** 1 year from date of purchase on eZdsp board and power supply, for Code Composer refer to the TI website

**Part #:** 761138



eZdsp™ for TMS320F2812 DSP w/o Socket with Fuzzy Logic Development Software

System Features	Software Features	What's Included
<ul style="list-style-type: none"> <li>● Provides hardware and software environment for the development of Fuzzy Logic Software on the TI F2812 DSP</li> </ul> <p><b>Hardware Features</b></p> <ul style="list-style-type: none"> <li>● TMS320F2812 Digital Signal Processor without socket operating at 150 Mhz.</li> <li>● 18 K on chip RAM</li> <li>● 128 K on chip FLASH ROM</li> </ul>	<ul style="list-style-type: none"> <li>● F2812 Fuzzy Logic Engine</li> <li>● Fuzzy Logic Simulator for PC</li> <li>● Flexible simulation file management for input/output</li> <li>● Multiple simulation output formats</li> <li>● Control plot capability with Excel</li> <li>● Compatible with C2000 Code Composer from Texas Instruments (Includes 'C' compiler, assembler, linker, debugger)</li> </ul>	<ul style="list-style-type: none"> <li>● Fuzzy Logic CD with Fuzzy Logic Engine, simulator</li> <li>● "The Design And Development of Fuzzy Logic Controllers" book</li> <li>● eZdsp F2812 with DSP soldered to PCB (no socket)</li> <li>● Power Supply</li> <li>● Parallel port cable</li> <li>● CD-ROM with eZdsp specific Code Composer for C2xxx</li> <li>● CD-ROM with sample code, manual and schematics</li> </ul>

- 64 K words on board RAM
- Expansion Connectors (unpopulated)
- Onboard embedded IEEE 1149.1 JTAG controller
- +5 volt operation with supplied adapter
- Onboard IEEE 1149.1 JTAG emulation connector
- Compatible with eZdsp Wire Wrap Prototype Card

- Compatible with SDFlash programming utility from Spectrum Digital

#### Do You Need ?

- eZdsp Wire Wrap Prototype Card, # 701125
- XDS510 USB JTAG Emulator, #701900
- XDS510PP PLUS JTAG Emulator, #701014
- Complete Code Composer

---

© 2005 Spectrum Digital, Inc. All Rights Reserved.

---



**Kane Computing Ltd**  
**7 Theatre Court, London Road,**  
**Northwich, Cheshire, CW9 5HB, UK.**  
**Tel: +44(0)1606 351006**  
**Fax: +44(0)1606 351007/8**  
**Email: [sales@kanecomputing.com](mailto:sales@kanecomputing.com)**  
**Web: [www.kanecomputing.co.uk](http://www.kanecomputing.co.uk)**