

**Documentation**

Fuzzy Logic White Paper  
Fuzzy Logic BLDC Motor Control  
Development Tools  
FLBLDC Whitepaper.pdf

**Application**

Motor Control  
Motion Control  
Algorithm Development  
Microcontroller Replacement

**Warranty**

90 day warranty on media

**Part #:** 701090

**Brushless DC Motor Control  
Development Tools Using Fuzzy Logic for  
TMS320F2812**



Brushless DC Motor Control Development Tools Using Fuzzy Logic for  
TMS320F2812

**BLDC Tool Features**

- FL BLDC easier to understand than traditional controllers
- Simplifies BLDC design and development
- FL BLDC has faster time to market than PID controllers
- Uses low-cost DMC550 drive stage
- Uses low-cost 12-24 VDC BLDC motors

**Software Features**

- Compatible with CCS 2.x and 3.1
- Operates as Stand-alone software.
- Small code footprint

**Required Hardware**

- eZdsp™ F2812, # 761129 or 761128
- DMC550, # 701225

**What's Included**

- CD with code for FL and PID BLDC Motor Control Dev tools
- Quickstart installation manual
- Whitepaper on FL BLDC motor control
- FL BLDC (FBSK) System document
- Simulation files for FL controller tuning

**Do You Need ?**

- eZdsp™ F2812 with socket, # 761129
- eZdsp™ F2812 w/o socket, # 761128
- DMC550, #701225

- XDS510 USB JTAG Emulator, #701900
- XDS510USB Galvanic JTAG Emulator, #701910

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