



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!



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Documentation

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

**Brushless DC Motor Control
Development Tools Using Fuzzy Logic for
TMS320F2808**



Part #: 701092

Brushless DC Motor Control Development Tools Using Fuzzy Logic for
TMS320F2808

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™ F2808, # 761132
- 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™ F2808 with socket, #761132
- DMC550, #701225
- XDS510 USB JTAG Emulator, #701900

- XDS510USB Galvanic JTAG Emulator, #701910

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