TMS320F2812 eZdsp Start Kit (DSK)

TMDSEZD2812

Description

Host Platform Supported: TMS320F2812
Number of Processors: 1
Clock Speed Available (MHz): 150 MHz
Board Size: 83 x 146 mm (3.26 x 5.75 inches)
External Memory: 1.0Mword Total Memory
Expansion Options: 3 expansion connectors
Software Included: Drivers for Code Composer Studio™ IDE

The F2812 eZdsp™ is a standalone module that lets evaluators examine certain characteristics of the F2812 digital signal processor (DSP) to determine if this DSP meets their application requirements. This module has a single chip parallel port to JTAG scan controller. Therefore the module can be operated without additional development tools such as an emulator. Furthermore, the module is an excellent platform to develop, demonstrate, and run software for the F2812 processor.

Features

The TMSF2812 eZdsp™ integrates the essential key features to allow users to understand the TMS320F2812 characteristics.

Hardware features

- TMS320F2812 Digital Signal Processor
- 18K words RAM
- 128K words on chip Flash ROM
- 64K words on board RAM
- Expansion connectors
- Onboard embedded IEEE 1149.1 JTAG controller
- 5 Volt only operation with supplied adapter
- Onboard IEEE 1149.q JTAG emulation

Software Features:

- A copy of Code Composer Studio specifically designed to only work with the eZdsp target
- Compatible with Flash programming utilities from Spectrum Digital