

Product Bulletin

TMS320F2812 eZdsp™ DSP Starter Kit (DSK)

Key Benefits

- Low-cost development tool reduces design cycle time
- Complete development kit enables the designer to get started today using the F2812 and F2810 DSPs

The TMS320F2812 eZdsp™ DSP Starter Kit (DSK) is a self contained, stand-alone development platform for the TMS320F2810 and F2812 DSPs. It enables designers to simplify code development and reduce debugging time and is fully compatible with the Code Composer Studio™ development suite. This software tool chain provides the user with a C compiler, assembler, linker and Windows™-based debugger.

This module has a single-chip, parallel-port-to-JTAG scan controller, enabling the module to run without additional development tools such as an emulator. This makes the module an excellent platform to develop, demonstrate, and run software for the F2812 and F2810 devices.

Product Features

The F2812 eZdsp DSK integrates all features to allow users to understand the F2812 characteristics.

Hardware Features:

- TMS320F2812 DSP operating at 150 MHz
- 18K words RAM
- 128K words on-chip Flash ROM
- 64K words on-board RAM
- Onboard embedded IEEE 1149.1 JTAG controller
- 5-volt-only operation with supplied adapter
- Expansion connectors
- On-board IEEE 1149.Q JTAG emulation

Software Features:

- Supports TI's TMS320C28x™ Code Composer Studio debug tools from TI C/C++ compiler/assembler/linker
- Compatible with Flash programming utilities from Spectrum Digital

TMS320F2812 eZdsp DSP Starter Kit



The F2812 DSK offers a complete set of development tools.

Specifications:

Host platform supported	TMS320F2812 and TMS320F2810 DSPs
Number of processors	1
Clock speed available	150 MHz
Board size	83 × 146 mm (3.26 × 5.75 inches)
External memory	Yes, expandable up to 1 Mword
Expansion options	3 expansion connectors
Software included	Drivers for Code Composer Studio™ IDE

Order the TMS320F2812 eZdsp™ DSK Today

Description	Part Number	Suggested Retail Price (\$U.S.)	Purchase
TMS320F2812 eZdsp DSK	TMDX3P761128 (TMDX3P761128E European version)	305	www.dspvillage.ti.com/f2812dsk or contact your local sales office

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