

TMS320C6416 (1 Ghz) DSP Starter Kit (DSK)



Documentation

Technical Reference Manual
Quick Start Guide
Sample Code
FAQ
DSK6416 Support Page

Applications

DSP Evaluation
Algorithm Development
Benchmarking

Replaces: 701890

Warranty: 1 year from date of purchase on DSK board, for Code Composer Studio refer to TI website

Part #: 701891
Rev Level: A



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Hardware Features

- Texas Instruments TMS3206416 DSP operating at **1 Ghz**.
- Embedded USB JTAG controller with plug and play, USB cable included
- TLV320AIC23 codec
- 2M x 64 on board SDRAM
- 512K bytes of on board Flash ROM
- 3 expansion connectors (Memory Interface, Peripheral Interface, and Host Port Interface)
- On board IEEE 1149.1 JTAG connection for optional emulator debug
- Four 3.5 mm. audio jacks (microphone, line-in, speaker, line-out)
- 4 user definable LEDs
- 4 position dip switch, user definable
- +5 Volt operation only, power supply included
- Size: 8.25" x 4.5" (210 x 115 mm), 0.062" thick, 6 layers
- Compatible with Spectrum Digital's DSK Wire Wrap Prototype Card

Software Features

- TMS320C6416 specific Code Composer Studio from Texas Instruments
- Test/sample code provided to reduce coding time
- Compatible with JTAG emulators from Spectrum Digital
- Compatible with Win 98 SE/2000/XP

What's Included

- TMS320C6416 (1 Ghz) DSK Board
- Code Composer Studio for C6416 DSK
- USB Cable
- AC Power Cord(s) and Power Supply
- Quick Start Guide
- Technical Reference (includes schematics)
- Customer Support Guide

Do You Need ?

- DSK Wire Wrap Prototype Card, # 701839
- XDS510 USB JTAG Emulator, #701900
- XDS510PP PLUS JTAG Emulator, #701014
- Complete Code Composer Studio for C5000