

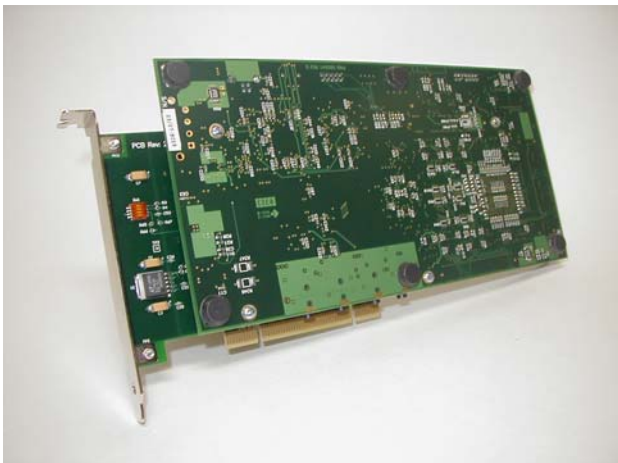
LM1000

The LM1000 is a daughterboard for the TI TMS320C6416 DSP Starter Kits (DSKs). The LM1000 provides high-speed host-DSK communication by utilizing the PCI bus of the DSK. By installing a DSK onto the LM1000, and then installing the LM1000 into a PC, the user has full access to the DSP through its PCI interface.

The LM1000 when coupled with the DSK provides significant value and utility. The additional host-DSP data path, suitable for high speed real-time data transport, complements the I/O handling features of DSP/BIOS and enables a wide range of host-DSP cooperation. The LM1000 provides extreme leverage for your DSK at very low cost, transforming the standalone DSK into a powerful PCI based development system.

Each TI DSK is a comprehensive DSP software development system and includes a target DSP board, JTAG emulation, Code Composer Studio™ IDE and the DSP/BIOS™ multitasking kernel. Offering unprecedented value, this ultra low cost toolchain provides a powerful platform for LAB Microsystems, LLC products.

LAB Microsystems, LLC is a TI Third Party and specializes in DSP hardware development tools and provides hardware design services.



LM1000 PCI Development Daughterboard for TI TMS320C6416 DSK



Features

- DSK carrier card with industry standard TI2050 32 Bit Transparent Bridge.
- Mates to DSK PCI expansion connectors.
- Clocks, arbitration and level translation provided by PCI Bridge.
- Allows DSK to function as a slave processor to the host system.
- Code Composer functionality maintained through external USB connection.
- DSK can be configured to boot from host port through PCI bus or FLASH memory.
- Excellent driver development platform.
- Windows drivers available from third parties.
- Example code provided.

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