

Documentation

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EVM320VC5509A + Keypad/display Module + Power Supply + National Instruments PCI Card and Power Monitor Software Utility



Application

Low Power Applications
Software Development
Benchmarking

Warranty: 1 year from the date of purchase on EVM board, keypad/display module, and power supply, National Instruments PCI Card and cable



Part #: 701859

EVM320VC5509A + Keypad/display Module + Power Supply + National Instruments PCI Card and Power Monitor Software Utility

System Features		Includes
<ul style="list-style-type: none"> Provides the hardware for a "Low Power" development system for the TMS320VC5509A Digital Signal Processor from Texas Instruments. <p>Allows developers to select DSP core voltage levels, clock speeds, peripherals, and then measure power consumption.</p>	<ul style="list-style-type: none"> Media Card interfaces 4 Meg x 16 DRAM 1 Meg x 16 Flash memory 8 Kilobyte SPI Flash memory Embedded 1149.1 JTAG emulation +5 Volt operation 	<ul style="list-style-type: none"> PCI Data Acquisition Card PCI Card to EVM cable EVM320VC5509A PLUS Evaluation Module from Spectrum Digital Keypad/display module from Spectrum Digital +5 volt power supply for the EVM320VC5509A CD-ROM with NI Power Monitor Software Utility CD-ROM with emulator drivers and documentation
<p>National Instruments PC Interface</p> <ul style="list-style-type: none"> PCI Bus Interface to use with Power Monitor Software Utility 	<p>Software Features</p> <ul style="list-style-type: none"> National Instruments Power Monitor Software Utility Compatible with Code Composer Studio for C5xxx which includes 'C' Compiler, Assembler, Linker, Debugger, and DSP BIOS from Texas Instruments Compatible with Code Composer Studio 'FlashBurn' programming utility. Compatible with all JTAG emulators from Spectrum Digital (XDS510 USB, XDS510PP PLUS, SPI515, SPI525) Compatible with TI XDS560 	<p>Do You Need ?</p> <ul style="list-style-type: none"> JTAG Emulator (XDS510PP PLUS, XDS510 USB, SPI515, SPI525) Code Composer Studio for the TMS320C5xxx
<p>EVM Features</p> <ul style="list-style-type: none"> Texas Instrument's TMS320VC5509A operating at 200 Mhz. with selectable core voltages (1.2V, 1.4V, 1.6V) TLV320AIC23 Stereo codec with line, microphone, and headphone interfaces User USB port via VC5509A 128 x 64 Liquid Crystal display/Keypad interface 4 expansion connectors (peripheral, memory, & HPI master/slave) 		