



Documentation

EVM320VC5471 Technical Reference

Application

Software development
Benchmarking algorithms

Warranty: 1 year from date of purchase on EVM board, power supply, and display/keypad module, for Code Composer Studio refer to TI website

EVM320VC5471 + Keypad/display Module + Power Supply + Code Composer Studio for TMS320C5xxx/TMS470 ARM (OMAP)



Part #: 761791



EVM320VC5471 + Keypad/display Module + Power Supply + Code Composer Studio for TMS320C5xxx/TMS470 ARM (OMAP)

System Features

- Provides a complete development system for the TMS320VC5471 Digital Signal Processor from Texas Instruments

Hardware Features

- Texas Instrument's TMS320VC5471 core operating at 100 Mhz.
- ARM7 core operating at 45 Mhz.
- AIC23 Stereo Codec
- 2 Mbyte static RAM – ARM side, 512KB - DSP
- 16 Mbyte SDRAM – ARM side
- 8 Mbyte Flash ROM – ARM side
- LCD display/keyboard module included
- C54xx and ARM7 Expansion connectors
- On board UART
- 1 Ethernet port on VC5471
- Embedded Parallel port
- JTAG emulation
- On board IEEE 1149.1 JTAG connector for

- optional emulation
- +5 Volt operation

Software Features

- Code Composer Studio for C5xxx which includes 'C' Compiler, Assembler, Linker, Debugger, and DSP BIOS from Texas Instruments
- Code Composer Studio for TMS470 ARM which includes 'C' Compiler, Assembler, Linker, and Debugger from Texas Instruments
- Compatible with SDFlash programming utility from Spectrum Digital

Includes

- EVM320VC5471 Evaluation Module from Spectrum Digital
- Keypad/display module from Spectrum Digital
- +5 volt power supply for the EVM320VC5471
- CD-ROM with Code Composer Studio for TMS320C5xxx/TMS470 ARM (OMAP) from Texas Instruments
- CD-ROM with emulator drivers and documentation

Do You Need ?

- JTAG Emulator (XDS510PP PLUS, XDS510 USB, SPI515, SPI525)