

CodeHammer

Innovative Integration JTAG Emulator



Features

- XDS 510 Compatible
- 3.3 V & 5 V JTAG operation
- Full-speed emulation over 3-meter cable
- Works with 'C4x, 'C6x boards
- Ultra-small target pod

Overview

CodeHammer is an advanced DSP JTAG emulator using state-of-the-art plug-n-play PCI hardware.

CodeHammer includes a half-size, PC plug-in JTAG scan path controller board plus a three-meter target cable and the smallest emulator pod available. This hardware is compatible with the entire Innovative Integration family of Texas Instruments TMS320 DSP-based boards.

The three meter target cable provided with CodeHammer makes dealing with stand-alone or custom DSP boards extremely convenient as the target DSP need not be located physically close to the host PC during the debugging cycle. The high-speed circuitry employed in the design allows full speed emulation on DSPs running at speeds up to 200 MHz. The hardware can accommodate either 5V or 3.3V target DSP operation.

CodeHammer represents not only the finest debugging solution currently available, but also the best debugger value. CodeHammer is bundled into each of Innovative Integration's Development Packages at a cost nearly one-half that of competing products.

Code debugging with CodeHammer requires Texas Instruments' Code Composer software.

Feature	Benefit
C Source Debugging	Work with high-level C code during the debug cycle
Single Stepping	Walk through high-level C or Assembler code one line at a time
Break Points	Run code a full speed up to a line or a special condition
Probe Points	Observe variables or memory while DSP program executes
Profiling	Determine number of CPU clocks to execute a code fragment
Mixed Mode Disassembler	View code generated by compiler intermixed with C source
Watch Window	View complex C data structure contents while DSP code executes

Ordering Information

CodeHammer 80044-2