Frequently Asked Questions About Code Composer Studio

Questions About Product Changes

Question: **How is Code Composer Studio different from Code Composer?**

Answer: Code Composer™ is one component of Code Composer Studio™.[1] Code Composer incorporates a project management system, editor, debugger, profiler, and visualizer.

Code Composer Studio extends this environment by including TI's optimized ANSI C compiler, assembly optimizer, and linker along with real-time analysis foundation software for the highest level of host/target integration in the industry.

Additional benefits of the Code Composer Studio environment include visual configuration and real-time analysis along with an open architecture that allows extension of the environment through seamless plug-in tools.

Question: **What differentiates Code Composer Studio from similar products?**

Answer: Code Composer Studio offers a major evolution in both the functionality and ease-of-use of DSP development tools. Code Composer Studio provides full coverage throughout the product life cycle from initial system configuration to field-level testing with real-time analysis to powerful visualization tools that assist designers in identifying problems and optimizing performance. No other DSP development product offers all of these functions in an integrated environment. Additionally, TI's open architecture provides the ability to develop software plug-in components to customize your development environment today.

Questions About Product Availability

Question: **When will Code Composer Studio be available?**

Answer: Code Composer Studio for the 'C6000 is scheduled to ship from stock on June 29, 1999. Code Composer Studio for the 'C5000 is scheduled for release in Q4 1999.

Question: **Where can I buy Code Composer Studio?**

Answer: Code Composer Studio will be available through Texas Instruments (TI™) sales offices, authorized TI distributors, select TI third-party resellers, and may be purchased via the Internet from the TI web site.

Question: **What is the cost of Code Composer Studio and is there a run-time licensing fee associated with it?**

Answer: The price of Code Composer Studio is U.S.D. $2,995 on the PC, and has no run-time licensing fees.

1. Code Composer, Code Composer Studio, and TI are trademarks of Texas Instruments Incorporated.

Question: **Will Code Composer Studio be available for all TI DSPs?**

Answer: Code Composer Studio will initially be available for the 'C6000 family of TI DSPs. In the second half of 1999, support for the 'C5000 family will also be available, with future release plans to be announced.

Question: **Will Code Composer Studio support UNIX?**

Answer: Yes, Code Composer Studio is intended to be available for both Solaris and HP/UX in 2000 on the 'C6000 and 'C5000.

Question: **Will code generation tools and/or Code Composer (CC) still be available for purchase separately?**

Answer: Code Composer Studio (CCS) provides a complete environment for developing your DSP application. However, if you find that you are not in need of the full Code Composer Studio environment, Code Composer Studio is sold in two subcomponents: Code Composer Studio Compile Tools and Code Composer Studio Debug Tools. The price of each is as follows:

TMDX324685C-07 Code Composer Studio	**$2995**

    4.10 Code Composer Debugger

    2.15 CC Simulator

    3.01 Code Generation Tools

    3.00 DSP/BIOS

    1.00 RTDX

    2.10 EVM/McEVM Drivers

    2.10 Emulation SW

TMDX3246855-07 Code Composer Studio Compile Tools	**$1495**

    2.15 CC Simulator

    3.01 Code Generation Tools

    3.00 DSP/BIOS

    1.00 RTDX

    2.10 EVM/McEVM Drivers

TMDX3240160-07 Code Composer Studio Debug Tools	**$1995**

    4.10 Code Composer Debugger

    3.00 DSP/BIOS

    1.00 RTDX

    2.10 EVM/McEVM Drivers

    2.10 Emulation SW

NOTE: Code Composer Studio consists of CCS Compile Tools and CCS Debug Tools.

Question: **How do I upgrade my current TI tools to the Code Composer Studio environment?**

Answer: TI tools with a valid registration under a current software subscription service will be automatically upgraded to the like product under Code Composer Studio (CCS).

If you have:	You automatically get:
Codegen Tools	CCS Compile Tools
Code Composer	CCS Debug Tools
TI HLL Debugger	CCS Debug Tools
TI HLL Simulator	Included in CCS Compile Tools
Code Composer Simulator	Included in CCS Compile Tools
EVM bundle	CCS Compile Tools and EVM-specific CCS Debug Tools
EVM	EVM-specific CCS Debug Tools

NOTE: Code Composer Studio consists of CCS Compile Tools and CCS Debug Tools.

Question: **Will Code Composer Studio replace the existing TI HLL product?**

Answer: Yes. TI is standardizing on Code Composer Studio as its unique debugger/simulator environment. The transition will begin when new products, which include a debugger, are featured in Code Composer Studio. Customers with existing products that include a debugger will be upgraded to the like product under Code Composer Studio, when available.

Question: **Is RTDX™[2] available as a separate product?**

Answer: RTDX technology has been incorporated into Code Composer Studio, and is not offered as a stand-alone product. It is a feature of the compiler run-time libraries and the debugger, and provides the high bandwidth real-time JTAG link that allows for host-target communication and enables real-time analysis.

Question: **When will TI's emulator support Code Composer Studio features?**

Answer: TI's XDS510™ and C6000 EVMs currently support all features available with Code Composer Studio.

Question: **Can I still use the old drivers from Code Composer when Code Composer Studio is released?**

Answer: Existing Code Composer Device Drivers may work with Code Composer Studio; however, current Code Composer Studio Device Drivers are required for complete functionality.

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2. RTDX and XDS510 are trademarks of Texas Instruments Incorporated.