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Code Composer Essentials Professional v3 – Unrestricted IDE

Status: ACTIVE

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MSP-CCE430PRO

changes to this product

- Description
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MSP-FET430 Flash Emulation Tool (FET) (for Use With CCE v3) User's Guide (Rev. G) (slau157g.pdf, 4662 KB) 06 Jun 2008 [Download](#)

	MSP-CCE430PRO
Name	Code Composer Essentials Professional v3 – Unrestricted IDE
Status	ACTIVE
Price (US\$)	\$499.00
Host	PC
OS	Microsoft Windows XP, Vista (32-bit editions)
Current Version	v3 SP2
	Order Options Order Online

Product Information

Description

[View Code Composer Essentials v3](#)

Code Composer Essentials v3 streamlines the design process with a more intuitive interface combined with leading C code density and powerful debugging capabilities. Major upgrades include an optimizations and improvements focused on improving design flow, simplifying debugging and verification and speeding time-to-market while keeping system costs low:

- Increased ease-of-use:** Streamlined options dialog boxes reduce the number of steps required for commonly performed design tasks. Additionally, developers have consolidated access to other MSP430 compilers tools such the MSPGCC GNU tool chains through a single IDE.
- Advanced embedded emulation:** Comprehensive support of MSP430 MCU's on-chip capabilities, including hardware-based breakpoints and stack trace, results in faster emulation and more efficient debugging.
- High-performance debugger:** Replacing the GDB debugger with the TI CCStudio Debug Server yields up to 200 percent faster performance for tasks such as downloading applications, single-stepping, and refreshing registers and variables.
- Updated C-code syntax:** Allows developers to directly import code without modification from the rich diversity of code examples, libraries and demos from TI and TI third parties.
- Support for all MSP430 MCUs:** Support for all MSP430 MCU generations including the extended memory capabilities of MSP430X architecture such as the MSP430F261x and MSP430F5xx.
- Based on Eclipse:** CCE v3 is based on the Eclipse 3.2 open source development platform, which offers developers the freedom of choice in tool integration, software modeling and testing in a multi-language, platform and vendor environment.
- Language flexible:** Several programming languages are supported including MSP430 assembly, C and C++.

CCE Core Edition v3 (**MSP-CCE430**) is free and supports up to 16K bytes of code space. CCE Pro v3 (**MSP-CCE430PRO**) features unlimited C and assembly code space starting at \$499.

Features

Code Compose Essentials v3 integrated development environment reduces development time and optimizes the performance for MSP430 applications. Based on the Eclipse 3.2 platform, CCE allows you to leverage hundreds of plug-ins to accelerate your development from www.eclipseplugincentral.com.

Code Composer Essential's fully integrated Host Tools include:

- MSP430 C compiler, assembler and linker
- Source Code Debugger
- Integrated Visual Project Manager
- Hardware and virtual breakpoints
- Integrated editor

Enhancements in v3:

- Increased ease-of-use
- Advanced embedded emulation
- New high-performance debugger
- Updated C-code syntax
- Based on Eclipse 3.2
- Support for all MSP430 MCUs
- Free for applications <16KB

Support Software

Code Composer Essentials v3 Service Pack 2 (Rev. D) (slac135d.zip, 69095 KB) 25 Jul 2008 [zip](#)

Order Options

	MSP-CCE430PRO
Name	Code Composer Essentials Professional v3 – Unrestricted IDE
Status	ACTIVE
Price (US\$)	\$499.00
	Order Online
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Technical Documents *TI Recommends

User Guides

MSP-FET430 Flash Emulation Tool (FET) (for Use With CCE v3) User's Guide (Rev. G) (slau157g.pdf, 4662 KB) 06 Jun 2008 [Download](#)

MSP430 Optimizing C/C++ Compiler v 3.0 User's Guide (Rev. B) (slau132b.htm, 9 KB) 31 Mar 2008 [Abstract](#)

MSP430 Assembly Language Tools User's Guide (Rev. B) (slau131b.htm, 8 KB) 31 Mar 2008 [Abstract](#)

Related Products

Related Tools			
Name	Part#	Company	Tool Type
Code Composer Essentials v3 Core Edition - Free 16KB IDE	MSP-CCE430	Texas Instruments	Compilers/Assemblers/Linkers

Support and Community

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