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Analog Devices' New CrossCore® Embedded Studio Reduces Development Time and Costs for SHARC® and Blackfin® Processors

CrossCore Embedded Studio offers an Eclipse-based IDE (integrated development environment) providing users with access to a large ecosystem of third-party tools and technologies

NORWOOD, Mass.--(BUSINESS WIRE)-- Analog Devices, Inc. ([NASDAQ: ADI](#)), a global leader in high-performance semiconductors for signal processing applications, has introduced CrossCore® Embedded Studio (CCES), the next-generation software development platform for its Blackfin® and SHARC® processors. CCES was created using the industry standard open source Eclipse environment to enable access to a rich ecosystem of both proprietary and open source tools and technologies that enable shortened product development cycles, substantially decreasing time to market.

CCES offers Blackfin and SHARC developers a world class C/C++ and assembly editing environment, with plug-in support for drivers and services including Ethernet, USB, algorithmic software modules, operating system, file system, and more. CCES provides easy to use, integrated multicore development and debug features.

In addition to providing a compelling experience for an IDE (integrated development environment), CCES provides support for Micrium's embedded software components such as μ C/OS-III™ Real-Time Kernel, μ C/USB Device™ Stack and μ C/FS™ File System. This gives software developers access to an industry-leading RTOS that was developed using Micrium's stringent development process for robust operation and meets its strict coding standards with clear and concise documentation.

- For more information, view the CrossCore Embedded Studio web page: <http://www.analog.com/cces>
- Learn more about designing with Micrium's RTOS in CCES:

<http://www.analog.com/ucos3>

- Join the CCES design community on the EngineerZone®: <http://ez.analog.com/community/dsp/software-and-development-tools/cces>
- Here's how to get started using CCES: <http://ez.analog.com/docs/DOC-2107>

"CrossCore Embedded Studio was created to give Blackfin and SHARC users the ease of use and features of an Eclipse-based IDE along with Analog Devices' mature, market proven code generation technology, algorithmic and system software libraries," said David Lannigan, director of Software Engineering and Tools at Analog Devices. "We worked very closely with Micrium to leverage their technology from CCES and by doing so offer code generation, configuration and debug capabilities for their operating systems and drivers not offered elsewhere".

"Micrium is pleased to work with Analog Devices which now resells and supports the world's most popular real-time kernel (μ C/OS-III) as well as some of our most popular RTOS components including μ C/USB-Device (our embedded USB device stack) and μ C/FS (our embedded file system)", said Jean Labrosse, Micrium's CEO, founder, and president. "ADI's world-class IDE allows the engineer to easily instantiate and configure these robust and market tested embedded software components thus saving valuable time during development of their products."

Blackfin and SHARC processor users will find CCES licenses are available at several levels starting with a single-user node locked license priced at \$995. For more information on CCES licenses and download a free 90-day trial evaluation software package, go to <http://www.analog.com/cces> .

About Analog Devices

Innovation, performance, and excellence are the cultural pillars on which Analog Devices has built one of the longest standing, highest growth companies within the technology sector. Acknowledged industry-wide as the world leader in data conversion and signal conditioning technology, Analog Devices serves over 60,000 customers, representing virtually all types of electronic equipment. Analog Devices is headquartered in Norwood, Massachusetts, with design and manufacturing facilities throughout the world. Analog Devices is included in the S&P 500 Index. <http://www.analog.com>

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