Product News

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IAR Systems is the tools provider of choice for new ADSP-CM40x mixed-signal control processors from Analog Devices

IAR Embedded Workbench selected as the recommended toolchain for development of the new ADSP-CM40x mixed-signal control processors based on ARM Cortex-M4

Uppsala, Sweden—September 30, 2013—Today, industry-leading supplier of embedded development tools IAR Systems® announced that IAR Embedded Workbench® has been selected by Analog Devices as the recommended toolchain for development of the ADSP-CM40x series of mixed-signal control processors.

The new ADSP-CM40x series from Analog Devices integrates the industry's highest precision embedded dual 16-bit A/D converter together with the industry's highest performance floating-point ARM® Cortex™-M4 processor core at 240 MHz. The series is targeted for industrial motor control and photo voltaic inverter applications, as well as general purpose implementations where core performance and ADC accuracy are key requirements.

IAR Embedded Workbench for ARM generates the fastest performing code in the industry while providing extensive debugging possibilities, creating the perfect environment to fully gain from the efficiency and performance delivered by the ADSP-CM40x processors. The C-SPY® Debugger included with IAR Embedded Workbench also incorporates IAR Systems' Power Debugging technology that provides developers with information about how the software implementation in an embedded system affects system level power consumption. Because software controls the hardware, including peripheral units, it impacts the power consumption. By coupling source code to consumed power, testing and tuning for power optimization is enabled. IAR Systems also supplies completely integrated in-circuit debugging and trace probes.

"To go with IAR Systems as the tools partner for our new series was an easy choice," comments Tim Resker, Processor Marketing Manager at Analog Devices. "Our customers working with precision control applications have high demands and of course we want to enable them to use the best possible development tools. By using IAR Embedded Workbench with its powerful optimizations and

– more –

comprehensive debugging features, they can be sure to maximize their return on invest for our high performance ADSP-CM40x mixed-signal control processors."

More information about IAR Embedded Workbench for ARM is available at www.iar.com/ewarm. Device support files are available directly from Analog Devices at www.analog.com/CM4xx.

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About IAR Systems

IAR Systems is the world's leading supplier of software tools for developing embedded systems applications. The software enables over 19,000 large and small companies to develop premium products based on 8-, 16-, and 32-bit microcontrollers, mainly in the areas of industrial automation, medical devices, consumer electronics, telecommunication, and automotive products. IAR Systems has an extensive network of partners and cooperates with the world's leading semiconductor vendors. IAR Systems Group AB is listed on NASDAQ OMX Stockholm. For more information, please visit www.iar.com