



Product News

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IAR Embedded Workbench strengthens development of new low-power ARM Cortex-M0+ core from STMicroelectronics

Developers working with the newly released STM32L0 microcontroller series will be able to benefit from its full potential by using IAR Embedded Workbench for ARM

Embedded World, Nuremberg, Germany—February 26, 2014—IAR Systems® announces support for the new ultra-low-power STM32L0 series based on ARM® Cortex®-M0+ from STMicroelectronics®. The support is available using IAR Embedded Workbench® for ARM, recently enhanced with major new features including multicore debugging.

The STM32L0 ultra-low-power series features a 32MHz ARM Cortex-M0+ processor core, a 12-bit Analog-to-Digital Converter (ADC) that sets a new standard for low power consumption, and a USB FS 2.0 crystal-less solution. These 32-bit general-purpose microcontrollers will significantly extend battery life in a wide range of consumer, health, and industrial applications, including equipment that uses smaller batteries, reducing the size and cost of products such as glucose meters and the rapidly growing range of portable health and fitness products.

“Thanks to IAR Embedded Workbench easy-to-use features and code density efficiency, users will fully enjoy the STM32L0 series MCU possibilities and get the best from this genuine ultra-low-power platform,” said Hakim Jaafar, Product Marketing Manager, Microcontroller Division, STMicroelectronics.

IAR Embedded Workbench for ARM is a set of highly sophisticated and easy-to-use development tools. It integrates the IAR C/C++ Compiler™, assembler, linker, librarian, text editor, project manager, and C-SPY® Debugger in an integrated development environment (IDE). With its advanced optimization technology, the toolchain is able to produce the smallest possible code for ARM Cortex-M0+ microcontrollers. Read more and download free evaluation licenses on www.iar.com/ewarm.

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Editor's Note: IAR Systems, IAR Embedded Workbench, C-SPY, C-RUN, visualSTATE, Focus on Your Code, IAR KickStart Kit, IAR Experiment!, I-jet, I-scope, IAR Academy, IAR, and the logotype of IAR Systems are trademarks or registered trademarks owned by IAR Systems AB. All other products names are trademarks of their respective owners.

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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