IAR Systems updates high-performance development tools for the 8-bit STM8 core

Uppsala, Sweden—November 20, 2014—IAR Systems® has launched a new version of its world-leading development tools for STMicroelectronics' STM8. Version 2.10 of IAR Embedded Workbench® for STM8 adds improvements and new functionality for debugging, as well as selectable math functions, updated user documentation and new device support.

STM8 microcontrollers are used in industrial and consumer applications, automotive applications, and in various applications where ultra-low power consumption is essential. The STM8 microcontroller platform is implemented around a high-performance 8-bit core and an advanced set of peripherals. The platform is manufactured using an ST-proprietary 130 nm embedded non-volatile memory technology.

Full support for STM8 microcontrollers is offered by IAR Embedded Workbench. The complete set of embedded development tools includes the highly optimizing IAR C/C++ Compiler™ and the comprehensive C-SPY® Debugger. Now added are new C-SPY windows that simplify the management of macros. C-SPY macros can be used to automate debugging and verification tasks, and also to perform a wide variety of other tasks such as hardware configuration, simulation of peripheral drivers and feeding of the application with simulated data during runtime. Also new in C-SPY is functionality for saving watch window content and added features for developers working with the ST-LINK or STice emulators.

The high-performance build tools in IAR Embedded Workbench for STM8 feature sophisticated code optimizations operating on multiple levels and creating the most compact code in the industry. By making use of the now introduced possibility of selecting smaller math functions, developers can squeeze their code even further.

Version 2.10 also includes updated development and debugging guides, as well as support for the latest STM8 devices. More information about the tools is available at www.iar.com/ewstm8. IAR Systems' tools also offer complete support for ST's ARM Cortex-based STM32 microcontrollers. This broad coverage provides customers with simplified migration and the possibility to work with the full lineup of ST microcontrollers using the same development environment.

Ends

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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About IAR Systems

IAR Systems provides developers of embedded systems with world-leading software tools for developing competitive products based on 8-, 16-, and 32-bit processors. Established in Sweden in 1983, the company has over 46,000 customers globally, 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.