IAR Systems supplies highly optimizing development tools for new low-power, multi-market MCUs from NXP

Uppsala, Sweden—March 30, 2016—IAR Systems® announces tool support for NXP® Semiconductor's recently launched LPC5411x family, a series of low-power, multi-market MCUs. IAR Systems is able to provide early support in the complete C/C++ compiler and debugger toolchain IAR Embedded Workbench® for ARM®, giving developers access to one single toolbox in which all components integrate seamlessly.

The LPC5411x MCU family is an ARM Cortex®-M4-based expansion of NXP's LPC MCU portfolio. The product family provides a good balance between power efficiency and feature integration for applications that require low-power, always-on processing. Target applications include gaming, USB accessories, healthcare devices, patient monitoring, Internet of Things (IoT), as well as building automation.

Thanks to outstanding speed optimizations, IAR Embedded Workbench and the included IAR C/C++ Compiler™ generates very fast performing code. With the shortest possible execution times, it is the ultimate choice for development of low-power applications. To enable extensive debugging and profiling possibilities, the toolchain includes features such as complex code and data breakpoints, runtime stack analysis, call stack visualization, code coverage analysis and integrated monitoring of power consumption. Through add-on tools for static analysis and runtime analysis, developers can gain complete code control.

"The combination of the highly optimizing IAR Embedded Workbench and our low-power LPC5411x MCU family gives customers new possibilities in developing power-efficient innovations within many industries, especially for consumer, medical and industrial applications," says Brendon Slade, Director of ecosystem and tools of the LPC product line, NXP Semiconductors. "We are pleased that IAR Systems' powerful development tools offer early support for our new series of MCUs, in addition to the already broad NXP MCUs coverage in the tools."

IAR Embedded Workbench offers the broadest MCU support in the industry, covering over 10,000

– more –

devices of which 4,300 are ARM devices. More details about IAR Embedded Workbench for ARM and trial versions are available at www.iar.com/iar-embedded-workbench/tools-for-arm.

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Editor's Note: IAR Systems, IAR Embedded Workbench, IAR Connect, C-SPY, C-RUN, C-STAT, visualSTATE, IAR KickStart Kit, IAR Experiment!, I-jet, I-jet Trace, 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.