Product News

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IAR Systems supports Ambiq Micro's Apollo MCUs targeted for wearables and IoT

Uppsala, Sweden—December 3, 2015—IAR Systems® announces that the latest version of the complete embedded development toolchain IAR Embedded Workbench® for ARM® supports the Apollo family of ARM Cortex®-M4F microcontrollers from the semiconductor company Ambiq Micro.

Since the start in 1983, IAR Systems has been building and expanding a strong network of partners. The company is the hub of a powerful partner ecosystem, including all leading semiconductor vendors worldwide. Thanks to this, the complete C/C++ compiler and debugger toolchain IAR Embedded Workbench supports more microcontrollers in more architectures than any other tool on the market. All available ARM cores from all major vendors, in total more than 4,000 devices, are supported by IAR Embedded Workbench, and IAR Systems continually adds support for new devices.

The Apollo family of microcontrollers from Ambiq Micro offers leading power numbers in both active modes and sleep modes. These power savings combined with a high-performance processing engine make the Apollo MCUs a good choice for battery-powered devices including wearable electronics, activity and fitness monitors, and wireless sensors.

"We are really pleased that our Apollo MCUs are supported by IAR Systems' complete development tools," says Mike Salas, Vice President of Marketing and Strategy, Ambiq Micro. "The combination of the ultra-low power performance of the Apollo MCUs and the high-quality development toolchain IAR Embedded Workbench for ARM will help developers worldwide to bring new innovative products to life."

IAR Embedded Workbench is a powerful development toolchain that incorporates a compiler, an assembler, a linker and a debugger into one completely integrated development environment. The toolchain provides extensive debugging and profiling possibilities such as complex code and data breakpoints, runtime stack analysis, call stack visualization, code coverage analysis and integrated monitoring of power consumption. For complete code control, IAR Systems also offers integrated add-on tools for static analysis and runtime analysis. More details about IAR Embedded Workbench for ARM and trial versions are available at www.iar.com/iar-embedded-workbench/arm/.

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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.