



## Product News

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# IAR Systems provides powerful tools for Cypress' new PSoC 4 L-series for industrial and consumer applications

**IAR Embedded Workbench maximizes code performance for the new flexible one-chip ARM Cortex-M0 product series with new capabilities for home appliance applications, digital audio solutions, and more**

embedded world, Nuremberg, Germany—February 23, 2016—IAR Systems® announces that the world-leading development toolchain IAR Embedded Workbench® for ARM® supports the new PSoC 4® L-series from Cypress Semiconductor Corporation. Developers can now leverage IAR Systems' industry-leading code optimization technology to maximize the performance of their PSoC 4 L-based applications. The support is available using IAR Embedded Workbench for ARM, which is a complete set of high-performance tools for embedded development.

The new [PSoC 4 L series](#) is an integrated single-chip solution with a 32-bit ARM-Cortex®-M0 core. The series is ideal for a broad range of industrial and consumer applications, leveraging the flexibility of the PSoC architecture to address multiple product variations and Cypress' leading CapSense® capacitive touch-sensing technology to implement reliable and elegant user interfaces.

"We are very excited that we together with IAR Systems are able to provide our customers with wide support for our PSoC4 platform in the powerful toolchain IAR Embedded Workbench," says John Weil, Vice President of MCU marketing at Cypress. "Our PSoC 4 portfolio has enabled customers to easily migrate from proprietary 8-bit and 16-bit MCUs to the industry's most flexible ARM Cortex-M0 one-chip solution. Tools from IAR Systems not only enable our customers to generate the fastest, most compact code, it also makes migration easy thanks to the wide support for 8-, 16-, and 32-bit architectures in one development environment."

IAR Embedded Workbench is a powerful development toolchain that incorporates a compiler, an assembler, a linker and a debugger into one completely integrated environment. It 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

– more –

consumption. For complete code control, IAR Systems also offers integrated add-on tools for static analysis and runtime analysis. Thanks to the wide device support provided by the tools, developers can improve efficiency and shorten the time to market, reuse code across projects and reduce the costs for training, maintenance, and managing of licenses.

More details about IAR Embedded Workbench for ARM and trial versions are available at [www.iar.com/iar-embedded-workbench/tools-for-arm](http://www.iar.com/iar-embedded-workbench/tools-for-arm).

### Ends

*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.*

### **IAR Systems Contacts**

AnnaMaria Tahlén, Professional Communicator, Corporate Marketing, IAR Systems

Tel: +46 18 16 78 00      Email: [annamaria.tahlen@iar.com](mailto:annamaria.tahlen@iar.com)

Stefan Skarin, CEO, IAR Systems

Tel: +46 18 16 78 00      Email: [stefan.skarin@iar.com](mailto:stefan.skarin@iar.com)

### **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](http://www.iar.com).