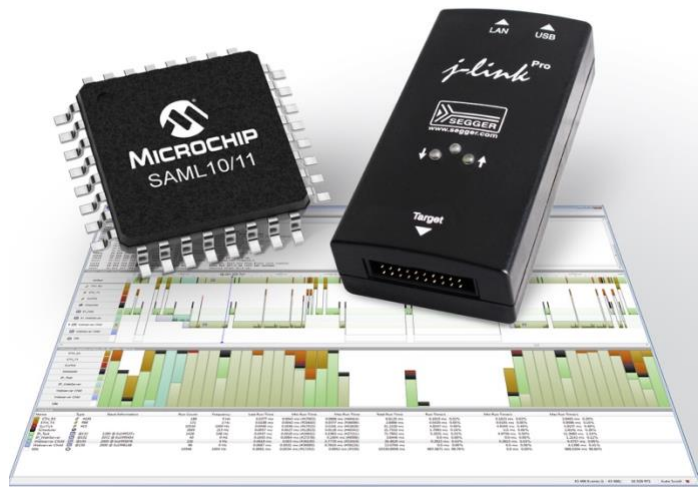**SEGGER supports new Microchip SAML11 with embOS RTOS and advanced development tools**

Hilden, Germany – July 09th, 2018 –

SEGGER announces full support for Microchip's new SAML11 devices within their complete lineup of embedded development solutions. Start developing with SAML11 out of the gate with SEGGER's IDE Embedded Studio, RTOS embOS, J-Link debug probes, and SystemView runtime visual analysis tool, which are all utilized in the ready-to-go evaluation package, which is free for educational and non-commercial use without limitation.

The SAML10/L11 MCU family runs at 32 MHz with memory configuration of up to 64 KB Flash and 16 KB SRAM. They come in two variant options: SAML10 and SAML11 and boast ultra-low power consumption, enhanced Peripheral Touch Controller and advanced analog features. The SAML11 variant adds integrated hardware security. They come in 24 & 32 pin package options and target IoT & security, low power, capacitive touch and general purpose embedded control applications.

Included within the available embOS RTOS port for SAML11, is enablement for SystemView, a visual analysis tool. SystemView can record data from the embedded target system while it is running. The recorded data is analyzed and the system behavior is visualized in different views. It can ensure a system performs as designed, track down inefficiencies, and show unintended interactions and resource conflicts, with a focus on details with granularity down to every system tick.

The security features of the SAML11 are complimented by the availability of emCrypt, a complete security suite including all cryptographic algorithms required for device security, whether it is authentication, communication or any other aspect of security.

"Application development on the SAML11 is made easy and full featured when using SEGGER's J-Link debug probes and complete embedded development tool chain. embOS is an ideal RTOS making use of the least amount of memory and optimizing performance on the SAML11. SEGGER is excited to continue contributing as a top performer within Microchip's ecosystem." says James Murphy, Vice President of Sales, U.S. at SEGGER.

SEGGER Evaluation Package available for download here:
https://www.segger.com/evaluate-our-software/microchip/microchip-saml11-xplained-pro/

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About SEGGER

SEGGER Microcontroller is a full-range supplier of software, hardware and development tools for embedded systems. The company offers support throughout the whole development process with affordable, high quality, flexible and easy-to-use tools and components. SEGGER offers solutions for secure communication as well as data and product security, meeting the needs of the rapidly evolving Internet of Things (IoT). The company was founded by Rolf Segger in 1992, is privately held, and is growing steadily. Headquartered in Germany with US offices in the Boston area as well as Silicon Valley and distributors in all continents, SEGGER offers its full product range worldwide. For additional information, visit: www.segger.com

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