SEGGER SystemView Now Free for Select Ultra Low Power Microcontrollers from Analog Devices

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SEGGER announces that Analog Devices, Inc. (ADI) has made SEGGER's SystemView software analysis tool available for their customers for select Ultra Low Power (ULP) microcontrollers, free of charge, enabling a powerful out-of-the box development experience. Included are the MAX78000, MAX78002, MAX32561, MAX32570, MAX32655, MAX32672, MAX32675, MAX32680, and MAX32690 devices.

SystemView is a real-time recording and visualization tool for embedded systems that reveals the true runtime behavior of an application, going far deeper than the system insights provided by debuggers. This is particularly effective when developing and working with complex embedded systems comprising multiple threads and interrupts. SystemView can ensure a system performs as designed, track down inefficiencies, and find unintended interactions and resource conflicts.

ADI's ULP microcontrollers enable edge nodes to process local data intelligently while minimizing power consumption. This extends battery life and reduces the frequency of charging, thereby offering prolonged usage periods. In addition, ADI's ULP Artificial Intelligence (AI) microcontrollers with a built-in neural network hardware accelerator perform AI inferences hundreds of times faster and uses less energy than other embedded solutions.

"At ADI, we are committed to solving our customers' toughest challenges and accelerating their time to market," says Jason Griffin, Managing Director, Software and Security Group at ADI. "By providing our customers access to SystemView, we are further delivering on our promise of making their development lives easier by helping them reveal the intricate runtime behavior of embedded systems."

"We are excited to collaborate with ADI in providing extended verification options to their customers," says Dirk Akemann, Head of Technical Marketing at SEGGER. "With streaming data transfer via debug interface and real time data analysis, J-Link and SystemView together provide a clear advantage for development as well as for the verification and optimization process. We are sure that ADI's customers will love this must-have package!"

Especially helpful when working with sophisticated MCUs such as those from ADI is SystemView's new DataPlot window. It enables users to record and visualize custom

data samples over time, alongside runtime information events. The DataPlot window presents a visualization of the recorded data in oscilloscope-style graphs, which are synchronized with SystemView's Timeline and CPU Load windows. This provides a trace of each measurement over time with at-a-glance verification or diagnosis of system response, ultimately helping to verify system behavior or pinpoint events causing unwanted behavior.

SystemView is available on all platforms (Linux, macOS, and Windows) on Arm, Intel, and Apple Silicon.

For more information, please visit www.segger.com.

About SEGGER

SEGGER Microcontroller GmbH, founded in 1992, has over three decades of experience in embedded systems, producing cutting-edge RTOS and software libraries, J-Link and J-Trace debug and trace probes, a line of Flasher in-system programmers and software development tools.

SEGGER's all-in-one solution emPower OS provides an RTOS plus a complete spectrum of software libraries including communication, security, data compression and storage, user interface software and more. Using emPower OS gives developers a head start, benefiting from decades of experience in the industry.

SEGGER's professional embedded development software and tools are simple in design, optimized for embedded systems, and support the entire embedded system development process through affordable, high-quality, flexible, and easy-to-use tools.

SEGGER, with headquarters in Germany, also has a U.S. office in the Boston area and branch operations in Silicon Valley, Shanghai, and the UK, plus distributors on most continents, making SEGGER's full product range available worldwide.

For more information on SEGGER, please visit www.segger.com.

Why SEGGER?

In short, SEGGER has a full set of tools for embedded systems, offers support through the entire development process, and has decades of experience as the Embedded Experts.

In addition, SEGGER software is not covered by an open-source or required-attribution license and can be integrated in any commercial or proprietary product, without the obligation to disclose the combined source.

Finally, SEGGER offers stability in an often volatile industry, making SEGGER a very reliable partner for long-term relationships.

For additional information, please visit www.segger.com.

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