SEGGER adds J-Link debugger support for first commercially available Cortex-M85 device

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SEGGER has added complete debugger support for the first commercially available Cortex-M85 device, the RA8M1 MCU group from Renesas.

Working closely with the Renesas hardware and software development teams, SEGGER swiftly supplied a working J-Link programming and debug solution very early in the RA8M1 group development cycle. The first solution supplied was capable of debugging on the Renesas VHDL simulator running in their design offices in Japan. Due to the remote location and very restricted access, SEGGER was able to use their remote tunneling capability to bring up J-Link debugging from SEGGER's headquarters in Germany.

The latest release of J-Link debugger software offers the usual very fast debug features including download to the RA8M1 on-chip flash and external OSPI flash along with hardware/software breakpoints as well as streaming instruction trace when using J-Trace PRO.

“Having access to the J-Link debug probes so early in the RA8 series development cycle has enabled us to release the first commercially available Cortex-M85 MCUs with a fully functional ecosystem,” says Andy Beeson, Product Manager at Renesas Electronics. “This includes the Renesas RA Flexible Software Package (FSP), TrustZone and IDEs, with J-Link at the very heart of it.”

“SEGGER is pleased that Renesas chose J-Link to be the debug probe of choice for the extremely powerful and impressive range of RA8 series devices,” says Ivo Geilenbruegge, Managing Director of SEGGER. “We look forward to adding further software products to RA8 product groups in the near future.”

In addition to the new device now being supported by SEGGER’s J-Link debug probes and J-Trace streaming trace probes, it is now also supported by SEGGER’s Flasher in-circuit programmers.

The Flasher family of programmers are fast, robust, reliable, and easy to use. Using Turbo mode, programming speed is extremely fast. Whether the focus is on size, flexibility, portability, security, or mass production, SEGGER has the perfect programmer for the task at hand.

For more information about SEGGER’s development tools and how we can support early device development, please visit: https://www.segger.com/products/debug-trace-probes/

Click here for more information about the SEGGER family of Flasher in-circuit programmers and here for detailed Flasher performance information.

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About SEGGER

SEGGER Microcontroller, now in its fourth decade in the embedded system industry, produces cutting-edge RTOS and Software Libraries, the marketing-leading J-Link and J-Trace debug and trace probes, a fast, robust, reliable, and easy-to-use family of Flasher In-System Programmers and second-to-none 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.

The company was founded by Rolf Segger in 1992, is privately held, and is growing steadily. SEGGER 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 into 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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