SEGGER delivers day-one support for ST's new STM32G5 microcontrollers

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From day one, SEGGER's J-Link series of debug probes, J-Trace streaming trace probes, and Flasher programmers are fully compatible with STMicroelectronics' STM32G5 microcontrollers, enabling developers to begin working with the platform immediately.



The STM32G5 marks the latest addition to STMicroelectronics' well-established STM32 family of microcontrollers. The STM32G5 series is a family of general-purpose Arm® Cortex®-M33-based microcontrollers. It is built for high-performance motor control and digital power applications, giving developers the processing capability and peripheral set needed for demanding real-time control tasks.

Developers benefit from access to SEGGER's proven debug and programming tools for embedded systems. A long-standing industry favorite, the J-Link family of debug probes enables unlimited flash breakpoints and fast downloads into on-chip and external flash memories. On the STM32G5, J-Link also enables authenticated debugging, giving developers a secure method for accessing and debugging protected devices. J-Trace streaming trace probes provide industry-leading capabilities for analyzing, verifying, and profiling code, while the Flasher family of professional in-system programmers delivers reliable, secure, and scalable solutions suitable for virtually any production programming requirement.

Beyond these tools, STM32G5 users can also leverage other compatible solutions within the SEGGER ecosystem, including the powerful Embedded Studio all-in-one integrated development environment and the SystemView real-time software analysis tool.

"As an ST Authorized Partner, SEGGER with its day-one support gives engineers working with our latest microcontrollers series, the STM32G5, dependable, high-quality debug and programming tools from the very start," says Maxime Belaval, Microcontroller Ecosystem Marketing Manager, STMicroelectronics. "It creates a reliable development environment, allowing users to concentrate on their own applications and projects."

"We're pleased to provide SEGGER product support for ST's latest microcontrollers from day one, including authenticated debugging for the STM32G5," says Dirk Akemann, Head of Technical Marketing, SEGGER. "This will help developers hit the ground running. Early support matters to both our organizations. It gives us timely feedback and insight into

how our products are used in real workflows, helps identify areas for optimization, validates engineering maturity, and strengthens support overall."

A complete list of supported devices for J-Link/J-Trace and Flasher is available here and here.

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About SEGGER

Founded in 1992, SEGGER Microcontroller GmbH 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 ISPs, and software development tools.

SEGGER's all-in-one solution emPower OS provides an RTOS and a complete spectrum of software libraries for, among other things, communication, security, data compression and storage, user-interface software, and more. emPower OS gives developers a head start, allowing them to benefit from decades of experience in the embedded 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 with their affordability, high quality, flexibility, and ease of use.

SEGGER, with headquarters in Monheim am Rhein, Germany, also has an office in Boston, Massachusetts, United States, and branch operations in Silicon Valley, California, United States; Shanghai, China; and the United Kingdom. With distributors on most continents, SEGGER's full product range is available worldwide.

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

Why SEGGER?

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

Furthermore, SEGGER software has no open-source or attribution licenses, and it can be integrated into any commercial or proprietary product — with no obligation to disclose the combined source. SEGGER offers stability in an often-volatile industry, making it a highly reliable partner for long-term business relationships.

For additional information, visit www.segger.com.

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