

SEGGER announces support for ST's STM32C0 MCU series

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SEGGER announces embOS and Embedded Studio support for ST's cost-effective STM32C0 MCU series.

SEGGER's [embOS](#) is a preemptive RTOS, designed to be the foundation for developing embedded applications. Now in its 4th decade of continuous use and enhancement, its reliability and performance underpin the firmware in every J-Link and J-Trace. Visit here for information on [testing embOS on the STM32C011-DK board](#).

SEGGER's [Embedded Studio](#) is the leading multi-platform IDE. Characterized by its flexibility of use, it includes all the tools and features a developer needs for professional embedded C and C++ programming & development. Under [SEGGER's Friendly License](#), [Embedded Studio](#) can be downloaded without registration and be used free of charge for educational and non-commercial purposes, as well as be evaluated on all platforms without code size, feature, or time limitations. An Embedded Studio CPU support package containing project templates and system files for the STMicroelectronics STM32C0 series is available.

The STM32C0 series is also supported by [embOS-Ultra](#), SEGGER's high-performance RTOS. embOS-Ultra uses Cycle-resolution Timing for greater precision and time resolution than any other RTOS on the market. Switching to embOS-Ultra immediately enhances performance and saves power. It also gives the application the option to use both cycle-based and microsecond-based timing. API is compatible to traditional embOS, making migration easy with no application changes required and with traditional RTOS behavior maintained. embOS-Ultra simply provides Cycle-resolution Timing where new additional API calls are used. There is no need to choose between the traditional and the revolutionary.

The STM32C0, ST's most affordable 32-bit MCU, makes 32-bit capabilities accessible to all developers. It is designed to bridge the gap between 8- or 16-bit MCUs and higher-performance 32-bit MCUs. More information is available here at [ST.com](#).

Support also includes SEGGER's [J-Links](#), the most widely used line of debug probes on the market. J-Links use capabilities fine-tuned for software development and production. Features include high-performance flash loaders, up to 4 [MB/s](#) download speed, and the ability to set an [unlimited number of breakpoints](#) in the flash memory of MCUs.

For more information on <https://www.segger.com/evaluate-our-software/>





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About SEGGER

SEGGER Microcontroller GmbH has 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.

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 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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