SEGGER adds support for OnMicro OM662X series to J-Link and Flasher

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SEGGER announces official support for the OM662X series from OnMicro by its industry-leading J-Link debug probes and Flasher in-system programmers.

All J-Link features, including unlimited breakpoints in RAM and flash memory, high-speed Real-Time Transfer (RTT) as well as ultra-fast download directly into on-chip and external flash memories, are fully supported. With J-Link support comes integration with most IDEs and debuggers, including SEGGER Embedded Studio and SEGGER's real-time software analysis tool SystemView.

SEGGER Flashers can program devices in single-seat or gang-programming configurations, for small quantities or large-scale mass production, and at speeds that approach the theoretical maximum. They come with SEGGER's Top-Speed Guarantee that Flasher is faster than any other in-system programmer on the market.

OnMicro's OM662X series includes ultra-low-power Bluetooth SoCs for IoT and smart device applications. Typical application areas include electronic shelf labels, asset tracking and positioning systems, e-bike dashboards, input devices such as keyboards and game controllers, and smart terminals.

"This collaboration with SEGGER marks an important step in further strengthening our development toolchain support," says Cai Guangjie, Deputy General Manager of OnMicro and General Manager of the RF SoC Business Unit. "Integration with widely used embedded development tools enables a more standardized workflow and supports efficient product development for global markets."

"We are delighted to see the OM662X series join the SEGGER ecosystem through the J-Link Prime Partner Program," says Chen Guowei, Executive Director and General Manager, SEGGER Great China. "J-Link Prime enables silicon vendors to provide their customers with access to a mature ecosystem with early device support, high-performance debugging, and production-ready programming. The close integration with J-Link and Flasher helps reduce development cycles and accelerate time-to-market."

For SEGGER partnership information, visit the Silicon Vendors Resource Center page at www.segger.com.

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About SEGGER J-Link

SEGGER J-Link debug probes, with their outstanding performance, robustness, and ease of use are the most widely used line of debug probes on the market. They provide an unparalleled debug experience using 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.

J-Link can be used by all major IDEs, from free Eclipse-based ones (directly or via GDB) up to commercial ones, including SEGGER Embedded Studio.

With features such as Real-Time Transfer (RTT) for interactive user I/O in embedded applications, and High Speed Sampling (HSS) for data acquisition, J-Link is a key component of many third-party utilities that provide real time system tracing and inspection.

With J-Link comes many utilities such as the J-Link GDB Server and J-Scope for real-time data visualization as well as J-Flash, a production-grade programming software, and Ozone, the J-Link debugger (J-Link PLUS or higher required).

J-Link comes with free software and firmware updates. All supported devices can be used without the need to buy an additional license. No hidden costs. No future costs.

About SEGGER Flasher

SEGGER Flashers are a professional line of in-system programmers (ISPs) designed for use in service environments, prototype programming, and mass production. They are capable of programming non-volatile flash memory in microcontrollers and systems on a chip (SoC), as well as external SPI-style flash memory and various other memories. The target interface is highly flexible, and it contains built-in support for JTAG, SWD, (Q)SPI, I2C, UART, and more. In addition, it can support almost any protocol and communication interface.

SEGGER Flashers can program almost anything, and they deliver programming speeds that are very close to the theoretical limit imposed by the hardware being programmed. All SEGGER Flashers come with setup and control software that is compatible with Linux, macOS, and Windows. Software and firmware updates are provided at no additional cost, ensuring continued compatibility with currently supported devices, as well as with any devices added in the future.

All listed programming algorithms (supported devices) are available, and there are no ongoing costs or fees. The initial cost is the only cost.

Device support list

To see a complete list of devices supported by J-Link/J-Trace, click here, and for Flasher, 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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