

GigaDevice partners with SEGGER on Embedded Studio for RISC-V

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GigaDevice customers can now use SEGGER's leading multi-platform IDE Embedded Studio free of charge across all GigaDevice RISC-V microcontrollers (MCUs) including the latest GD32VW553.

Characterized by its flexibility of use, Embedded Studio has all the tools and features a developer needs for professional embedded C and C++ development, including a complete toolchain, optimized run-time library, core simulator and hardware debugging with the J-Link debug probes.

“GigaDevice and SEGGER have a long history of cooperation”, says Eric Jin, GigaDevice's Product Marketing Director. “SEGGER was the first ecosystem partner to support the GD32V RISC-V core MCU. Licensing SEGGER Embedded Studio for RISC-V further optimizes the development

resources of the GD32V series. Embedded Studio fully supports and adapts to the GD32V family of RISC-V MCUs in terms of efficiency, performance, and ease of use, significantly accelerating development and minimizing time to market.”

“We have been partners with GigaDevice and have supported GigaDevice products for many years now,” says Ivo Geilenbruegge, Managing Director of SEGGER. “We immediately added full tool support when they unveiled the first commercially available flash-based RISC-V microcontroller back in 2019. We are impressed by their speed of innovation, the many new devices they have brought to market, and the extent to which they've quickly become a key player in the industry.”

GigaDevice very recently introduced the dual-band wireless GD32VW553 series, based on a 160MHz RISC-V core. The device is equipped with 4MB of flash and 320KB of SRAM. GD32VW553 supports the latest Wi-Fi 6 and BLE 5.2 wireless communication protocols. It also integrates rich peripheral interfaces and hardware encryption functions to create a safe and reliable wireless connection solution. High performance and low energy consumption make it ideal for smart home appliances, industrial Internet, communication gateway and other wireless connection scenarios.

Other SEGGER tools that also fully support GD32V RISC-V MCUs include: The market-leading [J-Link debug probe](#), [Ozone debugger](#), real-time operating system [embOS](#) and software libraries for [communications](#), [data storage](#), [compression](#), and [IoT](#), as well as the [Flasher family](#) of in-circuit programmers.

[About GigaDevice](#)

GigaDevice Semiconductor Inc. is a fabless supplier founded in 2005. Their products are known for high performance and low power consumption.





Headquartered in Beijing, China, they have additional branches and offices in many regions and countries, such as Shanghai, Shenzhen, Hong Kong, Germany, Japan, Singapore, South Korea, the UK, and the US.

GigaDevice's core product lines are Flash, 32-bit general-purpose MCU, smart human-machine interaction sensors, and analog products and solutions.

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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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