SEGGER and GigaDevice partner to provide emWin GUI software

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SEGGER and GigaDevice announce their collaboration to provide customers with SEGGER emWin embedded system graphics library, free of charge.

With GD32, the largest Arm®-based MCU product family in China, GigaDevice was first to launch MCUs containing Cortex®-M3, -M4, -M23, -M33, and -M7 cores in China. With this, GigaDevice achieves comprehensive coverage of mainstream microcontroller applications, from low energy to ultra-high performance, covering consumer to automotive grade whilst adopting the latest architectures, keeping costs low, and offering rapid real-time response. The GD32 family has 46 product series and more than 600 devices, maintaining excellent compatibility throughout.

GigaDevice customers can now use SEGGER's emWin, as well as SEGGER's AppWizard, across all GD32 Cortex®-M series MCUs.

SEGGER's emWin is a cutting-edge, high-performance graphical user interface solution, optimized for minimum memory consumption, both in RAM and ROM, as well as for high speed and versatility. It provides high-quality graphic functions and can be adapted to any size display, physical or virtual. It is compatible with single-task and multitask environments, with a proprietary operating system or with any commercial RTOS such as SEGGER's embOS and embOS-Ultra.

SEGGER's award-winning AppWizard enables the creation of highly efficient and high-quality graphical user interfaces on any embedded system without requiring in-depth knowledge of the emWin graphics library or even the C language for coding.

"We are very pleased to further expand our strategic partnership with SEGGER to further enhance our graphical user interface solutions based on GD32 Cortex®-M series MCU with SEGGER emWin," says GigaDevice. "SEGGER emWin can help developers achieve professional embedded GUI in a short time, and also has excellent performance on resource-limited platforms. In the end, the corresponding C language program code is generated, which can greatly reduce the development difficulty and the time to market."

"We continue to be impressed by the innovation at GigaDevice and are happy to be supporting their products as we have done for many years," says SEGGER. "We look forward to strengthening our partnership for years to come and to continuing to innovate and enhance our products."

Visit the GD32 website or SEGGER's GigaDevice page for a free commercial GDemWin GUI library that enables professional embedded GUI development based on the GD32 Cortex®-M series MCU hardware platform.

About GigaDevice

GigaDevice Semiconductor Inc. (SSE Stock Code 603986) is a global leading fabless supplier. The company was founded in April 2005 and headquartered in Beijing, China, with branch offices in many countries and regions worldwide, providing local support at customers' fingertips. Committed to building a complete ecosystem with four major product lines – Flash memory, MCU, sensor and analog – as the core driving force, GigaDevice can provide a wide range of solutions and services in the fields of industrial, automotive, computing, consumer electronics, IoT, mobile, networking and communications. GigaDevice has received the ISO26262:2018 automotive functional safety ASIL D certification, as well as ISO9001, ISO14001, ISO45001, and Duns certifications. In a constant quest to expand our technology offering to customers, GigaDevice has also formed strategic alliances with leading foundries, assembly, and test plants to streamline supply chain management. For more details, please visit www.gigadevice.com.

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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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