SEGGER adds 64-bit support to Embedded Studio for Arm cores

Monheim am Rhein, Germany – May 16th, 2023

The latest release of [Embedded Studio](), SEGGER's all-in-one IDE solution for building embedded applications now comes with support for ARMv8-A CPUs, such as Cortex-A53, Cortex-A57 and Cortex-A72.

With a similar look and feel on all platforms and fully portable projects, developers enjoy efficient development on Windows, Linux, and macOS, on Arm, Intel, and Apple Silicon.

Embedded Studio includes all the tools and features needed for professional embedded C and C++ programming and development. It comes with SEGGER's highly optimized [emRun]() runtime and [emFloat]() floating-point libraries, as well as [SEGGER's smart Linker](), all of which have been developed from the ground up specifically for embedded systems. In combination with the highly optimizing C/C++ [SEGGER Compiler](), extremely small yet efficient programs can be generated, putting every byte to work.

"We see a migration to 64-bit cores, even for a typical embedded application, simply because many modern SoCs and FPGAs use them," says Ivo Geilenbruegge, Managing Director of SEGGER. "This makes support for Arm64 important for our customer base. We continue to keep our products cutting-edge and multi-platform for everything from small microcontrollers up to devices with multiple Arm Cortex-A 64-bit cores. One IDE fits all!"

Embedded Studio's built-in debugger natively supports J-Link, ideal for automated testing and, with its integration of the GDB remote protocol, also enables the use of third-party debug probes.

Under [SEGGER's Friendly License](), Embedded Studio is available for unlimited evaluation, and for educational and non-commercial purposes, free of charge, with no restrictions in terms of code size, features or duration of use.

For more information about Embedded Studio, please visit:
https://www.segger.com/products/development-tools/embedded-studio/

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

Contact information:

Dirk Akemann
Marketing Manager
Tel: +49-2173-99312-0
E-mail: info@segger.com

Issued on behalf of:

SEGGER *Microcontroller GmbH*	*SEGGER* *Microcontroller Systems LLC*	*SEGGER* *Microcontroller China Co., Ltd.*
Ecolab-Allee 5 40789 Monheim am Rhein Germany www.segger.com	Boston area 101 Suffolk Lane Gardner, MA 01440 United States of America	Room 218, Block A, Dahongqiaoguoji No. 133 Xiulian Road Minhang District, Shanghai 201199 China www.segger.cn
	Silicon Valley Milpitas, CA 95035, USA United States of America www.segger.com	