

## SEGGER Embedded Studio Available for the Renesas RE Family of MCUs

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### Embedded developers can now use SEGGER Embedded Studio IDE with the Renesas RE Family of microcontrollers (MCUs).

[Embedded Studio](#) is SEGGER's cross-platform integrated development environment (IDE) for embedded systems development. The editor is quick to start up and the build process is blazingly fast, saving precious working hours. Embedded Studio contains SEGGER's own [runtime](#) and [floating point libraries](#), [compilers](#) and [linkers](#). All of these components were developed from the ground up specifically for resource-constrained embedded systems, are extensively used internally at SEGGER, and are continuously updated and developed. SEGGER's primary development goal is to create fast programs that can easily be tailored to the target system and require as little memory as possible.

Optimizations are made at various stages of the build process to reduce code size and improve execution speed. The [linker](#) can make optimal use of the typically small memory of microcontrollers. Code blocks can be distributed over several memory areas and unusable memory locations can be omitted.

[Embedded Studio](#) supports all the features that characterize [J-Link](#) and [J-Trace](#), such as unlimited breakpoints in flash memory or [RTT](#) (Real Time Transfer).

For educational and non-commercial purposes, Embedded Studio can be downloaded free of charge and without registration from the SEGGER website:

<https://www.segger.com/products/development-tools/embedded-studio/>

#### **There are no restrictions in terms of code size, features or duration of use.**

The power efficiency of the Renesas RE Family of MCUs (including the RE01-256K), combined with the low resource usage of SEGGER software, minimizes, or sometimes even removes, the need to recharge or replace batteries. This combined efficiency could have far reaching effects; for home and building automation, smart farming, factories, a wide range of medical devices, wearable applications and more.



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## About SEGGER

SEGGER Microcontroller has over twenty-eight years of experience in Embedded Computer Systems, producing state-of-the-art software libraries, and offering a full set of hardware tools (for development and production) and software tools.

SEGGER provides an RTOS plus a complete spectrum of software libraries including communication, security, data compression and storage, user interface software and more. Using SEGGER software libraries gives developers a head start, benefiting from decades of experience in the industry.

SEGGER's professional software libraries and tools for Embedded System development are designed for simple usage and are optimized for the requirements imposed by resource-constrained embedded systems. The company also supports the entire development process with affordable, high-quality, flexible, 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 and the UK, plus distributors on most continents, making SEGGER's full product range available worldwide.

## 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](http://www.segger.com)

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