

## SEGGER Ecosystem Available for the Renesas RE Family MCU

Monheim am Rhein, Germany – February 4<sup>th</sup>, 2021

**SEGGER Microcontroller, in cooperation with Renesas, announces the availability of its entire product portfolio for the Renesas RE Family microcontrollers (MCUs). This includes a full line of development tools, embedded software and production tools, making firmware development for the Arm-based Renesas RE MCUs fast and easy.**

Development can now begin with [SEGGER's Embedded Studio IDE](#). It includes a highly optimized run-time library and SEGGER's own compiler and linker. Together, these tools generate extremely small and efficient application code.

The market-leading [J-Link debug probe](#) offers the fastest flash download, including an unlimited number of breakpoints in flash memory.

On the application software side, SEGGER offers a highly efficient [RTOS](#) along with communication, security, GUI and IoT software designed in-house and specifically for embedded systems.

SEGGER's system verification tool, [SystemView](#), proves its value during the development to reveal the true runtime behavior of the application. Upon completion of development, [SEGGER's Flasher](#) series of production programmers make mass production a breeze.

Projects can easily be generated and trial versions of the software are available. SEGGER's technical team and ecosystem offer full support throughout the development process and beyond.

The power efficiency of the [Renesas RE Family 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.

"The RE Family MCUs provide solutions for a wide range of IoT applications, delivering high performance with ultra-low power consumption," says Graeme Clark of Renesas. "With SEGGER's ecosystem for the RE MCUs, we are able to provide customers with the necessary tools for developments that contribute to a brighter, more sustainable future."





“To build a solid infrastructure, you must begin with an unshakable foundation”, says Rolf Segger of SEGGER. “I believe that Renesas’ RE MCUs and SEGGER’s software together provide a great combination for the development of ultralow energy applications. With SEGGER, you get from project start to market in record breaking time!

For more on SEGGER software tools for embedded systems, please visit:  
<https://www.segger.com/products/software-development-tools/>

For more on the Renesas RE Family MCUs, please see:  
<http://www.renesas.com/RE>

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## About SEGGER

SEGGER Microcontroller has over twenty-five 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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