SEGGER redesigns J-Link Ultra with compact housing and USB-C connectivity

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SEGGER announces a redesigned J-Link Ultra debug probe featuring a compact housing with USB Type-C connectivity and integrated mounting holes.

With a footprint smaller than a credit card, the new design reduces the space required in development and test environments while maintaining the high-speed download, Real-Time Transfer (RTT), and debug performance users expect from J-Link Ultra.

The redesign responds to the evolving needs of embedded developers. As workspaces become more integrated and portable, and CI/CD systems increasingly rely on automated test rigs, the new J-Link Ultra is designed for easy mounting and installation wherever space is limited.

“The new design brings the same high-speed performance and advanced functionality users know from J-Link Ultra to a much smaller housing,” says Erik Loehr, Product Manager J-Link at SEGGER. “Whether used on the desktop or installed in automated test fixtures, the redesigned probe fits seamlessly into modern development environments.”

The J-Link Ultra fully integrates into the existing J-Link ecosystem, supporting Embedded Studio, Visual Studio Code as well as all other major embedded IDEs on Windows, Linux, and macOS. Existing workflows, scripts, and development environments can continue to be used without modification.

The probe also continues to provide full support for advanced features such as unlimited flash breakpoints, power profiling, and the complete J-Link software suite, including Ozone and J-Flash.

The redesigned compact housing will be the new standard for J-Link Ultra.

For more information, visit the J-Link Ultra page at www.segger.com.

About SEGGER J-Link

SEGGER J-Link debug probes, with their outstanding performance, robustness, and ease of use are the most widely used line of debug probes on the market. They provide an unparalleled debug experience using capabilities fine-tuned for software development and production. Features include high performance flash loaders, up to 4 MB/s download

speed, and the ability to set an unlimited number of breakpoints in the flash memory of MCUs.

J-Link can be used by all major IDEs, from free Eclipse-based ones (directly or via GDB) up to commercial ones, including SEGGER Embedded Studio.

With features such as Real-Time Transfer (RTT) for interactive user I/O in embedded applications, and High Speed Sampling (HSS) for data acquisition, J-Link is a key component of many third-party utilities that provide real time system tracing and inspection.

With J-Link comes many utilities such as the J-Link GDB Server and J-Scope for real-time data visualization as well as J-Flash, a production-grade programming software, and the Ozone debugger (J-Link PLUS or higher required).

J-Link comes with free software and firmware updates. All supported devices can be used without the need to buy an additional license. No hidden costs. No future costs.

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About SEGGER

Founded in 1992, SEGGER Microcontroller GmbH has over 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 ISPs, and software development tools.

SEGGER's all-in-one solution emPower OS provides an RTOS and a complete spectrum of software libraries for, among other things, communication, security, data compression and storage, user-interface software, and more. emPower OS gives developers a head start, allowing them to benefit from decades of experience in the embedded 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 with their affordability, high quality, flexibility, and ease of use.

SEGGER, with headquarters in Monheim am Rhein, Germany, also has an office in Boston, Massachusetts, United States, and branch operations in Silicon Valley, California, United States; Shanghai, China; and the United Kingdom. With distributors on most continents, SEGGER’s full product range is available worldwide.

For more information on SEGGER, visit www.segger.com.

Why SEGGER?

In short, SEGGER has a full set of tools for embedded systems, offers support throughout the entire development process, and has decades of experience. We are The Embedded Experts.

Furthermore, SEGGER software has no open-source or attribution licenses, and it can be integrated into any commercial or proprietary product — with no obligation to disclose the combined source. SEGGER offers stability in an often-volatile industry, making it a highly reliable partner for long-term business relationships.

For additional information, 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

Ecolab-Allee 5
40789 Monheim am Rhein
Germany
www.segger.com

SEGGER Microcontroller Systems LLC

Boston area

101 Suffolk Lane
Gardner, MA 01440
United States of America

Silicon Valley

Milpitas, CA 95035, USA
United States of America
www.segger.com

SEGGER Microcontroller China Co., Ltd.

Room 218, Block A, Dahongqiaoguoji
No. 133 Xiulian Road
Minhang District, Shanghai 201199
China
www.segger.cn