

SEGGER J-Link now supports CMSIS-DAP: One Probe Fits All

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SEGGER's latest J-Link software makes it possible to turn J-Link into a high-speed CMSIS-DAP debug probe. In this mode, it can be used with any toolchain or application that is compatible with this standard, such as pyOCD, KEIL MDK and Arm Development Studio.

This mode is available for [J-Link BASE](#), [J-Link PLUS](#), [J-Link EDU](#), [J-Link ULTRA+](#) and [J-Link PRO](#). These intelligent debug probes use a 480 Mbps high-speed USB connection to eliminate idle periods and drive the target interface at its full speed, up to 50 MHz on J-Link ULTRA+ and PRO.

"In addition to its own API and the standard GDB protocol, [J-Link](#) now supports CMSIS-DAP operation, a simple, low-level USB protocol for debug probes," says Rolf Segger, founder of SEGGER.

"While CMSIS-DAP doesn't deliver the same performance as the J-Link protocol, it is widely supported. We decided to add support for it to make J-Link even more universal. J-Link is now the fastest CMSIS-DAP debug probe that we are aware of. One probe fits all."

"All SEGGER products flow from the same philosophy of high-quality, reliability, speed, ease-of-use and universality," says Ivo Geilenbrügge, Managing Director at SEGGER. "Combining J-Link with a 3rd-party or open-source program that uses CMSIS-DAP is now as simple as plug-and-play."

Switching to CMSIS-DAP mode and back to J-Link is easily done via [J-Link Configurator](#). While J-Link gets the most out of CMSIS-DAP, J-Link's full performance, functionality and feature set require J-Link mode.

About J-Link

SEGGER [J-Links](#) are the most widely used line of debug probes on the market. J-Link opens the door to all major development tools, from commercial toolchains to GDB driven ones. 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 third-party utilities that provide real time system tracing and inspection.





With J-Link comes [J-Scope](#) for Real Time Data Visualization and [Ozone](#), the J-Link debugger. Also available is SEGGER [Embedded Studio](#) for generating and downloading programs using J-Link.

For more on J-Link, and for a full list of J-Link-related tools, please visit:

www.segger.com/products/debug-probes/j-link/

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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

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