

## J-Link support for Silicon Labs 8051 devices

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SEGGER has added support for Silicon Labs' 8051 family of 8-bit microcontrollers (MCUs) to its industry-leading J-Link family of debug probes. This includes run control as well as download into RAM and Flash of all supported devices.

J-Link is known for having the highest debug and download performance into RAM and flash memory on all supported targets. This is not different when it comes to debugging 8051 devices.

"We have had an outstanding experience with SEGGER supporting our EFM32® Gecko MCU family and are excited to see this support extended to our 8051-based MCUs," said Lars Lydersen, Senior Director of Simplicity at Silicon Labs.

"We are excited to bring the proven reliability and outstanding performance of the J-Link line of debug probes to the 8051 development community. It shows that SEGGER can not only support 32-bit architectures like ARM, MIPS and RX cores, but also 8-bit architectures and still deliver the same benefits such as ease of use, high performance and direct download to flash memory," says Alexander Gruener, Product Manager of the SEGGER J-Link family of debug probes.

More information on J-Link is available at: <http://segger.com/jlink-8051.html>



### About J-Link

The SEGGER J-Link is the most popular family of debug probes on the market. It is tool chain independent and works with free GDB-based tool chains such as emIDE and Eclipse, as well as commercial IDEs from: Atmel, Atollic, Coocox, Cosmic, Freescale, IAR, KEIL, Mentor Graphics, Microchip, Python, Rowley, Renesas, Tasking and others. With the J-Link family, investments in the debug probe are preserved when changing compiler or even CPU architecture.

J-Link supports multiple CPU families, such as ARM 7, 9, 11, Cortex-M, Cortex-R, Cortex-A as well as Microchip PIC32, and Renesas RX100, RX200, RX600, and 8051; there is no need to buy a new J-Link or new license when switching to a different yet supported CPU family or tool-chain. SEGGER is also continuously adding support for additional cores, which in most cases, only requires a software/firmware update. Unlimited free updates are included with even the baseline model of the J-Link family. SEGGER is excited to continue advanced development of its cutting edge embedded tool solutions to be utilized with pretty much any development environment you choose. All J-Links are fully compatible to each other, so an upgrade from a lower-end model to a higher-end model is a matter of a simple plug-and-play.

Full product specifications are available at: <http://segger.com/jlink.html>

The J-Link-Software is available at: [http://segger.com/download\\_jlink.html](http://segger.com/download_jlink.html)

U.S. On-Line Web Shop: <http://shop-us.segger.com>

Online Shop (Europe, Asia, Africa): <http://shop.segger.com>

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### About SEGGER

**SEGGER Microcontroller** develops and distributes hardware and software development tools as well as software components for embedded systems. An "embedded system" is one in which a microprocessor and associated components are incorporated into a device helping to accomplish difficult and complex tasks in products such as cell phones, medical instruments, instrument clusters, measurement instruments, satellite radios, digital cameras etc.



SEGGER was founded in 1997, is privately held, and is growing steadily. Based in Hilden with distributors in all continents and a local office in Massachusetts, SEGGER offers its full product range worldwide.

SEGGER software products include: embOS (RTOS), emWin (GUI), emFile (File System), emUSB (USB host and device stack) and embOS/IP (TCP/IP stack). With the experience in programming efficiently on embedded systems, SEGGER created highly integrated, cost-effective programming and development tools, such as the Flasher (stand-alone flash programmer) and the industry leading J-Link/J-Trace emulator.

SEGGER cuts software development time for embedded applications by offering affordable, high quality, flexible and easy-to-use tools and software components allowing developers to focus on their applications. Find out more at <http://www.segger.com>.

**Contact information:**

Dirk Akemann,  
Marketing Manager  
Tel: +49-2103-2878-0  
E-mail: [info@segger.com](mailto:info@segger.com)

**Issued on behalf of:**

SEGGER Microcontroller GmbH & Co. KG  
In den Weiden 11  
40721 Hilden  
Germany  
[www.segger.com](http://www.segger.com)

SEGGER Microcontroller Systems LLC  
106 Front Street  
Winchendon, MA 01475  
United States of America  
[www.segger-us.com](http://www.segger-us.com)

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