SEGGER Introduces Customizable Flash Loaders for J-Link, J-Trace and Flasher

Hilden, Germany – August 11th, 2016

SEGGER has now added Open Flash Loader capabilities to its popular J-Link, J-Trace and Flasher offerings. This will provide both silicon vendors and end users with the flexibility they need to take advantage of the enhanced features incorporated into the company's J-Link debug probe solutions by adding support for new target devices.

These target devices can be used in the same way as the target devices already fully supported by SEGGER, with direct flash download functionality in all related IDEs and debuggers - including GDB-based tool chains, such as Eclipse. For target devices implemented with the Open Flash Loader the capability to add an unlimited number of breakpoints in flash memory is also available.

For silicon vendors, this will mean they are able to implement support for new devices at the early stages of the development process, even before first silicon samples have been fabricated. Likewise, it will prove of great value in scenarios where the flash programming algorithm utilized must be kept confidential.

There is considerable potential for end users to benefit significantly too - particularly in cases where flash loaders will be working in conjunction with special external memories. One example of this would be (Q)SPI flash memories connected in a non-standard way (such as using alternate pin muxing). In addition to flash loaders created for J-Link, the Open Flash Loader can also utilize any CMSIS-compliant flash loader.

To access more information on the Open Flash Loader go to: http://www.segger.com/jlink-open-flashloader.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 Embedded Studio, and Eclipse, as well as commercial IDEs from: Atmel, Atollic, Coocox, Cosmic, Freescale, IAR, KEIL, Mentor Graphics, Microchip, Phyton, 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 Renesas RX100, RX200, RX600 and Microchip PIC32; 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: www.segger.com/jlink.html

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 emSecure, a unique software to generate and verify digital signatures, and the TLS-solution emSSL, SEGGER is also offering software for the growing field of data and product security.

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 www.segger.com

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