New and Ultra Fast SEGGER J-Link Ultra is Now Available

Hilden, Germany – May 5th, 2010 – SEGGER Microcontroller today introduced a new member of its J-Link/J-Trace product family, the J-Link Ultra.

J-Link Ultra has been highly optimized for communication and debugging speed. While maintaining full compatibility with the regular J-Link, it significantly accelerates tasks such as debugging and flash programming.

Being the fastest in its class, the regular J-Link already sets a very high standard for debugging and download performance. J-Link Ultra raises the bar even higher, aiming to be the fastest emulator available.

The additional speed improvements have been made possible by a new high performance hardware design, utilizing Hi-Speed-USB, a faster CPU as well as hardware acceleration.

In addition to the speed improvement, the new emulator is also capable of measuring the target's power consumption. For low-power applications, a measurement adapter will be introduced shortly which will allow high-precision measurement of other analog parameters in the target system.

Switching from the regular J-Link to J-Link Ultra is a very simple process: There is nothing to change except replacing the J-Link by the J-Link Ultra. No software or any other configuration changes are required.

Since the PC-software, form factor and connectors are the same as for the regular J-Link, it can be used with any software and any adapter compatible with J-Link, such as the JTAG-isolator.

 "With the J-Link Ultra we are introducing a new and ultra fast platform for our J-Link/J-Trace product family. We believe that we have now the fastest emulator on the market. The higher programming speed provides a true benefit for both development and production processes," says Dirk Akemann, Marketing Manager of SEGGER.

The J-Link is natively supported by IAR EWARM, KEIL µVision, Rowley Crossworks, and CodeSourcery G++. With the RDI and GDB-Server extensions, the supported tool-chains also include Atollic TrueStudio, Yagarto, and other RDI or GDB compatible development environments. If your development environment does not supply a Flash Loader for your device, the J-Link Ultra includes flash loaders designed for all popular devices with internal Flash.

Just like for the regular J-Link, the Flash Breakpoints option for enhanced debugging of programs running in the flash of microcontrollers is available. This option allows the user to set an unlimited number of breakpoints while debugging within a device's internal flash memory. This overcomes the hardware breakpoint limitations present in most common microcontrollers (2 on ARM7/9, 4 on Cortex-M0, typically 6 on Cortex-M3, and 8 on Renesas RX).

Full product specifications are available at http://www.segger.com/cms/J-Link-Ultra.html

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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, has been profitable since its inception, 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's intention is to cut 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

Issued on behalf of:

SEGGER Microcontroller GmbH & Co. KG
In den Weiden 11
40721 Hilden
Germany
www.segger.com

SEGGER Microcontroller Systems LLC
106 Front Street
Winchendon, MA 01475
United States of America
www.segger-us.com

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