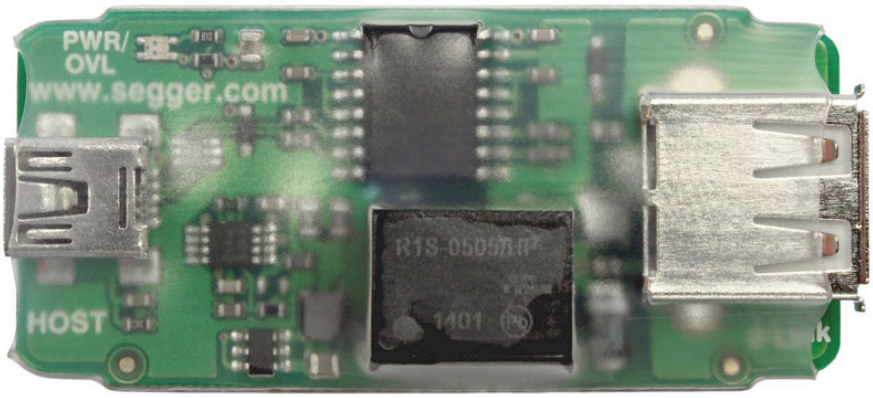
SEGGER introduces USB Isolator optimized for its J-Link and Flasher

Hilden, Germany – May 28th, 2015



SEGGER now offers a USB Isolator optimized to provide host side protection to their J-Link debug probes and Flasher flash programmers. At the same time, it provides electrical isolation of the target and eventually protects the user, in particular when dealing with high voltage. This is an addition to their existing line of isolation devices.

Development and manufacturing environments contain many variables that may be hazardous to the proper operation and longevity of development tools, such as noise, electrical spikes, overvoltages and ground loops.

SEGGER recommends to make use of the USB Isolator in addition to the available JTAG/SWD isolators to fully protect devices within these environments.

The Isolator electrically separates the host from the J-Link and target system. It protects the J-Link and target hardware, but also secures the host PC against overvoltage from the target. This is highly recommended when working on a motor control application, inverter application, or any application dealing with high voltages.

A built-in overload protection safeguards the isolator against potential damage. An LED indicates if the debug probe's power consumption is too high. The maximum current that can be drawn is limited to 200 mA, protecting the investment in the development and production environment.

Use of the Isolator is very easy, as it simply has to be plugged in between the host PC and the USB connector of the J-Link or Flasher.

Complementing the SEGGER hardware eco-system with the corresponding and approved USB Isolator ensures smooth interaction.

More details and specifications of the USB Isolator can be found here: https://www.segger.com/jlink-usb-isolator.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 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: http://segger.com/jlink.html

The J-Link-Software is available at: 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.

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