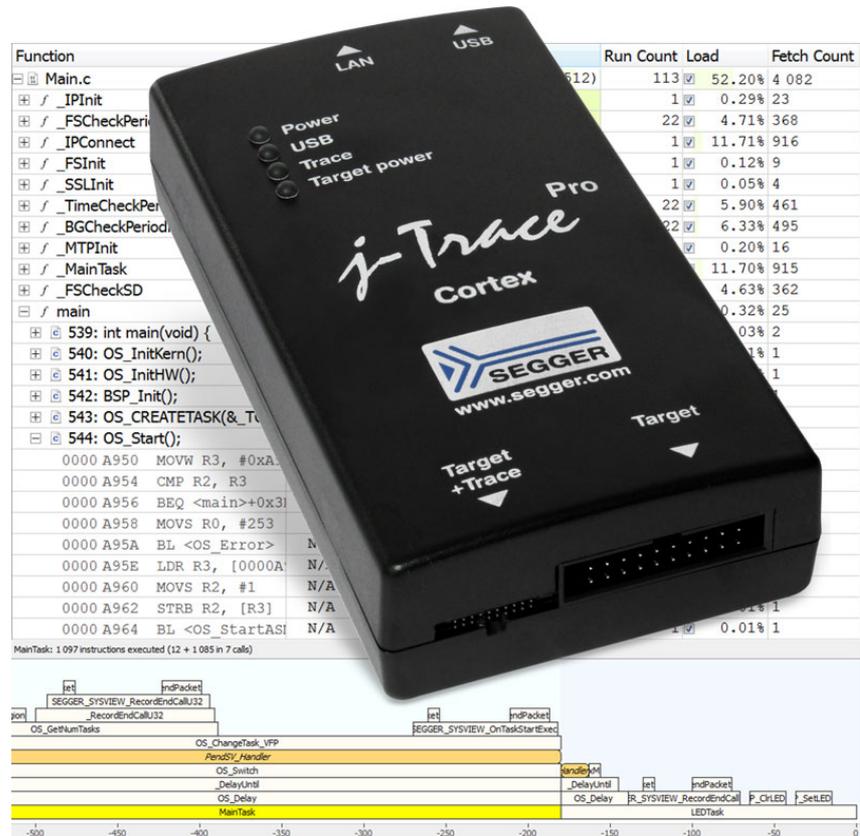# J-Trace PRO Cortex: USB 3.0 SuperSpeed streaming trace on Cortex-A, Cortex-R and Cortex-M

Hilden, Germany – Nov 13th, 2017

SEGGER introduces J-Trace PRO Cortex, the new flagship J-Trace streaming trace probe model, capable of supporting streaming trace from Cortex-A, Cortex-R, and Cortex-M targets. In addition to the Gigabit Ethernet interface, it now comes with a USB 3 SuperSpeed interface which is capable of transferring trace data in real time to the host even at full trace clock speeds. The host software is able to store, analyze and visualize the data in real time over unlimited periods of time, supporting the full bandwidth of the target interface of up to 1.2 GBit/s.

J-Trace PRO Cortex uses Ozone, the fully featured graphical debug and performance analyzer for embedded applications. Ozone is an advanced professional debug and verification application, that can use ELF files produced by any EABI-compliant tool such as SEGGER Embedded Studio, Eclipse/GCC, IAR Embedded Workbench or Keil/ARM MDK, to debug and analyze at the source level. Ozone provides real-time code profiling and real-time code coverage in combination with the streaming trace technology of the J-Trace PRO Cortex.

It takes less than 15 minutes to get up running with the new trace probe, as it ships with a Cortex-M target hardware, with ELF file and project for Embedded Studio readily available. For a video tutorial of the effortless setup, please visit: https://www.youtube.com/embed/hI7WdxnD9k0

 "Debugging and verification tools have progressed significantly in the past couple of years. We believe that the combination of Ozone and J-Trace PRO is the best trace solution in the industry. Code profiling of a running system provides instant, accurate performance measurements rather than the optimistic 'ideal' results from a simulated environment. With J-Trace and Ozone such systems are quick to set up and define the user experience: It simply works!" says Alex Gruener, CTO at SEGGER Microcontroller.

To access more information on the J-Trace PRO Cortex please go to: https://www.segger.com/products/debug-probes/j-trace/models/j-trace-cortex-arm/

About J-Link / J-Trace

The SEGGER J-Link / J-Trace is the most popular debug probe family on the market. It is tool chain independent and works with free GDB - based tool chains as well as commercial IDEs.

J-Trace PRO works with all currently available 32-Bit Cortex devices J-Trace PRO also provides all the features of J-Link technology, such as unlimited flash breakpoints and Monitor Mode Debugging.

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; there is no need to buy a new J-Link or new license when switching to a different yet supported CPU family or toolchain. 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:
https://www.segger.com/products/debug-probes/j-link/

The J-Link - Software is available at:
https://www.segger.com/downloads/jlink/

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About SEGGER

SEGGER Microcontroller is a full-range supplier of software, hardware and development tools for embedded systems. The company offers support throughout the whole development process with affordable, high quality, flexible and easy-to-use tools and components. SEGGER offers solutions for secure communication as well as data and product security, meeting the needs of the rapidly evolving IoT. SEGGER was founded in 1992, is privately held, and is growing steadily. Headquartered in Germany with a US office in the Boston area and distributors in all continents, SEGGER offers its full product range worldwide. For additional information, visit: https://www.segger.com

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