

TRACE32[®] supports Qualcomm[®] Hexagon[™] DSP Processor

Hoehenkirchen-Siegersbrunn, March 2016 – Lauterbach GmbH, the leading manufacturer of microprocessor development tools, has recently announced its full support for the Qualcomm[®] Hexagon[™] DSP processors.

Hexagon Digital Signal Processor (DSP) is a world class processor with both CPU and DSP functionality and supports the deeply embedded processing needs of the mobile platform for both multimedia and modem functions. The Hexagon architecture and family of cores provides a competitive advantage in performance and power efficiency for modem and multimedia applications and is a key component of all of Qualcomm's Snapdragon[™] processors.

The TRACE32 tools provide quick and effective debugging through a standard JTAG interface for the entire debug process, including run control, source code debugging and many other features. These tools can be connected to the host via USB 3.0 or Gigabit Ethernet ports. The included TRACE32 PowerView software provides an efficient and user-friendly interface for high-level language (HLL) debugging of C and C++.

The trace tools of TRACE32 connect to the integrated trace port of the target cores and record program flow information directly from the core in real time. The Lauterbach software provides many complex analysis tools that enable developers to study this recording in great detail to find those complex issues that arise only under runtime conditions. In addition the time-stamped program flow can be analyzed to provide an overall view of the system performance as well as quality assurance features such as code coverage. With a trace buffer of up to 4GB and the possibility of unlimited streaming to the host computer, a large amount of program flow information can be collected and analyzed.

About Lauterbach

Lauterbach is the world's leading manufacturer of complete, modular microprocessor development tools with 35 years' experience in the field of embedded designs and has supported debugging and tracing of multicore chips for more than 10 years. It is an international, well-established company with blue chip customers in every corner of the globe and has a close working relationship with all semiconductor manufacturers. Besides the headquarters in Hoehenkirchen, Germany, the company has its own branch offices in United Kingdom, Italy, France, Tunisia, on the East and West coasts of the United States, Japan and China. Highly qualified sales and support engineers are also available in many other countries. For more information visit <http://www.lauterbach.com/>

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