Supports the following ARM® Processor Cores: ARM9E, ARM11, Freescale i.MX, TI OMAP, Cortex-M1, Cortex-M3, Cortex-R4 and Cortex-A8, CortexA9, CortexA15, Cortex-A50 processor families

Arium LX-1000e for ARM Trace Port Analyzer

Key Benefits

• **Fastest Trace Capture Rate in the Industry** - The Arium LX-1000e for ARM offers real-time trace with a half-clock capture rate of 680 MHz for faster detection of software and firmware bugs.

• **Integrated & Intuitive** - The Arium LX-1000e for ARM, when connected to the SourcePoint software debugger, delivers a highly integrated, intuitive environment designed to help you minimize iterative steps and shorten your debug cycle.

• **User-friendly** - The Arium LX-1000e for ARM is easy to install and configure. Downloads are fast. And the debugging solution is reliable.

• **Flexible** - The Arium LX-1000e for ARM works with multiple ARM® cores and CoreSight® on both Microsoft® Windows and Linux hosts. Unlike some debuggers, you don't need a different probe or license for each processor type or family

• **Fully Supported** - All units produced for the embedded market are fully supported by our highly trained staff of applications engineers.

Contact Information
*For more information, contact: ai-info@asset-intertech.com

The Arium LX-1000e for ARM is a modular design supporting ARM devices with either serial or parallel trace. Two modules are available depending on the needs of the user. The LX-PAR and LX-SER support ARM devices with parallel ETM and serial trace (both Marvell SETM3 and ARM HSSTP) respectively. The Arium LX-1000e for ARM comes standard with 2 GBytes of trace memory. The trace capture engine traces instructions/data at rates up to 680 MHz and is wide enough to support up to 6 lanes of serial trace packets up to 6.25 GTPS. The Arium LX-1000e for ARM represents the fastest trace port analyzer on the market, giving ASSET InterTech customers a valuable investment to support future devices. Communication interfaces include USB 2.0 and 10/100/1000 Ethernet. Trigger in/out is also standard.

The power of the Arium LX-1000e for ARM Trace Port Analyzer is unleased when conneted to the SourePoint debugger. Go to our website for more information on SourcePoint for ARM.

ASSET InterTech tracks ARM roadmaps supporting the latest processor offerings.

Specifications
Environmental
32-104˚ F (0-40˚ C)
Maximum humidity - 85%
Communications
10/100/1000 Base-T Ethernet
USB 1.1/2.0
Download Speed
>100 MBytes/sec
BNC Trig In
>50 Ohm, 155 ns maximum delay
BNC Trig Out
>50 Ohm, 125 ns maximum delay
JTAG Clock
1 KHz - 40 MHz
JTAG Logic Levels
1.2 - 3.3 nominal
Dimensions (inches)
(W) 5.25/13.34
(L) 5.5/13.97
(H) 1.63/4.14

ARM Debug Support:
• Non-intrusive debug
• Real time operation
• Multi-core and heterogeneous-core support
• Support for different ETM trace configurations on a single processor
• Serial wire debug
• High speed downloads
• Independent processor control
• Reliable breakpoint control
• Semihosting support
• PLD programming
• Flash programming

ARM Toolchains Supported:
• ARM DS-5
• ARM Development Suite 1.2
• GNU C/C++
• Green Hills® C/C++ Compiler
• IAR Embedded Workbench®

ARM CONNECTED

ASSET is a proud member of the ARM Connected Community and supplies Probes and Tace Port Analyzers to engineers using ARM core-based processors from Applied Micro, Marvell, Texas Instruments, Freescale, NXP, Atmel, and others.

ASSET