Supports
Intel® Core™
Atom™, Celeron®,
and Xeon®
Processor Families

Arium ECM-XDP3e Run-Control Probe

The Arium ECM-XDP3e probe is ASSET InterTech's hardware-assisted debug solution for targets with XDP debug ports and the latest Intel processors. Designed to debug BIOS, UEFI, device drivers, OS kernels, and embedded applications, the probe features reliable debug functionality for superior visibility to and manipulation of the developer's source code.

Key Benefits

• **Powerful** - Arium probes are the only debug tools that give you real time debugging solutions directly out of system reset.

• **Innovative** - ASSET focuses on the user when crafting their tools. A quick symbols finder, a single view for displaying devices, current viewpoint tracking - the little things that add up to so much more.

• **Flexible** - The Arium ECM-XDP3e offers a number of firmware- and software- related customizable options to provide you with the type of debug environment that best meets your needs.

• **Integrated & Intuitive** - The Arium ECM-XDP3e, run control probe, when combined with SourcePoint, ASSET's flagship software debugger, provides a software developer centric use model for debug and quick problem insight.

• **Fully Supported** - Our highly trained staff of design engineers provide telephone, e-mail, and web-based interactive support. In addition, installation guides, technical papers, and software downloads are available via our Web site.

ASSET InterTech is a proud member of the Intel Embedded and Communications Alliance, and for over 15 years has teamed with Intel Corporation to develop in-circuit emulation tools to support the Intel® Core, Xeon and Atom processors.

Specifications

Environmental
32-90˚ F (0-31˚ C)
Maximum humidity - 85%

Host Communications
10/100/Ge Base-T Ethernet
USB 2.0

Device Frequency support (JTAG TCK)
Up to 28 MHz

Download Speed
>200 KBytes/sec

Trig In
>50 Ohm, 155 ns maximum delay

Trig Out
50 Ohm, 125 ns maximum delay

Dimensions (inches)
(W) 3.800
(L) 5.004
(H) 1.510

Standard
ECM-XDP3e
Base unit with 60-pin XDP debug port connector

PC Host Requirements

• PC host
• Microsoft Windows 7
• SVGA monitor (1024 x 768 or higher)
• 60 MB hard disk space
• 128 MB RAM
• 10/100/Ge Ethernet or USB 2.0 connection port

Register types:
• 386   • System • Control • Debug
• MSRs • Floating point
• MMX™ technology • SSE

Download formats:
• BIN
• OMF-386
• ELF32
• DOS EXE
• Intel Hex
• PE32/PE32+

Supported Processors:
• Intel® Atom™
• Intel® Core™
• Intel® Xeon®

*Not available on some processors