X-ES Introduces Single PrPMC/XMC Supporting Three Freescale QorIQ Processor Families

Middleton, WI – March 7, 2012 – Extreme Engineering Solutions, Inc. (X-ES) announces the availability of the XPedite5400, an air-cooled PrPMC/XMC module that supports the Freescale™ QorIQ P3, P4, and P5 processor families. The XPedite5400 joins the existing XPedite550x line of PrPMC/XMC modules, which support the Freescale QorIQ P1 and P2 processor families. The complete line of QorIQ PrPMC/XMC modules provides processor mezzanine solutions that span a broad spectrum of embedded applications and satisfy a wide range of power, performance, and feature requirements.

The XPedite5400 supports five processors across the QorIQ P3, P4, and P5 processor families. These include the P4040 processor with four PowerPC e500mc cores at up to 1.5 GHz, the P4080 processor with eight PowerPC e500mc cores at up to 1.5 GHz, the P3041 processor with four PowerPC e500mc cores at up to 1.5 GHz, the P5010 processor with one 64-bit PowerPC e5500 core at up to 2 GHz, and the P5020 processor with two 64-bit PowerPC e5500 cores at up to 2 GHz.

The XPedite5400 features include:
- Freescale P4080 processor with eight PowerPC e500mc cores at up to 1.5 GHz (alternate processors P3041, P4040, P5010, P5020)
- Two channels of DDR3-1333 ECC SDRAM, up to 8 GB (4 GB each)
- Up to 16 GB of user flash and 256 MB of boot flash (with redundancy)
- Three Gigabit Ethernet ports
- x4 PCI Express interface to P15 and two SATA 3.0 Gb/s ports to XMC site
- Linux, Wind River VxWorks, and Green Hills INTEGRITY BSPs

About X-ES — Extreme Engineering Solutions, Inc. (X-ES) designs and builds chassis, single-board computers, I/O, power, backplane, and system-level products within the embedded computer industry. X-ES offers cutting-edge performance and flexibility in design, plus an unparalleled level of customer support and service. For further information on X-ES products or services, please visit our website: www.xes-inc.com or call (608) 833-1155.

Data Sheet: http://www.xes-inc.com/assets/products/files/XPedite5400-DS.pdf
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