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NEWS

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**PIGEON POINT SYSTEMS ANNOUNCES UPDATES TO xTCA
MANAGEMENT CONTROLLER SOLUTIONS FOR SMARTFUSION
New Facilities Enable Reduced Cost, Higher Function
Controllers**

OCEANSIDE, California, January 24, 2011—Pigeon Point Systems, LLC today announced the upcoming release of significant enhancements to its well-received xTCA™ management controllers solutions based on the Microsemi® SmartFusion™ intelligent mixed signal FPGA. The new releases allow reduced management controller footprint and bill of material costs via support for a new smaller SmartFusion package type and for integration of power management functions into the SmartFusion FPGA, displacing external devices. The updated solutions cover IPM Controllers (IPMCs), Carrier IPMCs and Module Management Controllers (MMCs) for AdvancedTCA® (ATCA®) and AdvancedMC™ (AMC) boards and modules. The updates will be released during Q1, 2011.

The new solutions support the Microsemi CS288 11x11mm package, enabling IPMCs that are substantially smaller than those built with Pigeon Point's widely used Renesas H8S-based IPMC solutions, even while adding advanced LAN attach capabilities that are not present in those earlier offerings. The LAN

attach feature enables dramatic productivity improvements during development and operation by allowing the management controller to share access to existing high speed LAN fabrics in a shelf.

The new support for power rail management leverages the ARM Cortex-M3 microcontroller, the programmable analog subsystem and the flash-based fabric in the SmartFusion FPGA to sequence, monitor and margin on-board power rails, optionally eliminating the need for specialized power rail management devices on the board or module. Power rail sequencing is managed by Cortex-M3 firmware, with fault monitoring supported by FPGA logic, both using analog measurements collected and assessed by the SmartFusion Analog Compute Engine (ACE).

In addition, the new releases support in-field upgrades of the SmartFusion FPGA fabric. This support uses the same PICMG[®]-specified HPM.1 upgrade architecture that is already supported for firmware upgrades in all Pigeon Point management controller solutions.

Like all Pigeon Point Board Management Reference (BMR) management controller solutions, these come with full reference schematics, firmware source code, and FPGA design, plus comprehensive documentation, a year of technical support and bench top hardware. The bench top Carrier IPMC can be tested directly with standard AMC modules and the bench top MMC can be installed in standard AMC slots for additional testing flexibility.

Numerous leading xTCA board and module vendors are already building SmartFusion-based Pigeon Point Board Management Reference (BMR) management controllers into their products. These vendors get advanced controller features, with lower cost and footprint, while benefiting from Pigeon Point's years of leadership and proven specification compliance and interoperability.

For more information on already shipping SmartFusion-based IPMC, Carrier IPMC and MMC solutions, visit www.pigeonpoint.com; further queries are welcome via email at info@pigeonpoint.com.

About Pigeon Point

Pigeon Point Systems LLC delivers world-class management components for modular platforms based on the AdvancedTCA, AdvancedMC and MicroTCA architectures to leading companies worldwide. Pigeon Point's focus on providing dependable, proven solutions for the mandatory management controllers in these architectures allows customers to concentrate on the value-added aspects of their products. Deep expertise on these architectures ensures compliance and interoperability in the Pigeon Point components.

Pigeon Point, an executive member of PICMG, is a leader in its AdvancedTCA[®], AdvancedMC[®], and MicroTCA[™] subcommittees and is active in many other technical subcommittees. Pigeon Point is also a member of VITA and participates actively in its VITA 46.11 working group, which is defining a management architecture for VPX and OpenVPX. In addition, Pigeon Point is a contributing member of the Service Availability Forum[™] and a leader in its HPI Working Group. For more information on Pigeon Point Systems, visit www.pigeonpoint.com.

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