

031113 PMC-Sierra Announces First SERDES Transceiver to Meet OBSAI Base Station Radio-to-Baseband Specification Interface

SANTA CLARA, Calif., November 13, 2003 - PMC Sierra TM, Inc. (NASDAQ: PMCS) today announced that the PM8358 QuadPHY 10GX SERDES transceiver is the first to meet the Open Base Station Architecture Initiative's (OBSAI) Reference Point 3 (RP3) interface specification. OBSAI comprises over 50 industry leading telecommunications companies working together to define wireless base station specifications. The RP3 interface interchanges formatted air interface user data as well as fast control data between the baseband processors and the radio (RF) modules (see Figure 1 and 2). The QuadPHY 10GX, a 4 port bi-directional 1.2 to 3.2 Gbit/s serial transceiver, allows base station manufacturers to evolve to higher speed serial links required by higher density baseband and radio cards thereby reducing systems costs.

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"We are pleased that PMC-Sierra has chosen to support OBSAI's radio-to-baseband specification with their QuadPHY 10GX serial transceivers," said Mr. Jukka Klemettila, chairperson of OBSAI. "The adoption of OBSAI as an industry-wide interface specification will open up new and competitive markets for interoperable modules in which mobile operators will benefit from increased functionality, faster time-to-market and greater economies of scale."

"PMC-Sierra's membership with OBSAI has helped us address our customers' requirements and focus on developing highly integrated and interoperable base station components," said Stuart Robinson, manager of Strategic Marketing, Enterprise and Storage Division at PMC-Sierra. "The QuadPHY 10GX serial transceiver is part of our family of standard product solutions for wireless base stations and complements our breadth of products ranging from digital pre-distortion and multi-carrier combiner processors, transport interface devices, Layer 2

processors and MIPS-based microprocessors.”

Pricing and Availability

The PM8358 QuadPHY 10GX is available today and priced at \$47 in direct purchase of 1KU quantities. A comprehensive support product package including datasheets, application notes, device models, and software driver is available to customers. For more information about the QuadPHY 10GX, contact a PMC-Sierra sales representative at www.pmc-sierra.com/contactsales or visit www.pmc-sierra.com/serdes.

About PMC-Sierra's QuadPHY 10GX

The PM8358 QuadPHY 10GX is a bi-directional XGMII to 4 lanes of 1.2 to 3.2 Gbit/s serial transceiver with fully redundant serial links for working and protect switching architectures. The QuadPHY 10GX supports a broad range of applications for high speed serial links such as OBSAI RP3, PCI Express, InfiniBand 4X, and OC-48. The four serial channels of the QuadPHY 10GX can also be trunked to form a single logical link for support of IEEE 802.3ae 10G Ethernet (XAUI) and T11 NCITS 10G Fibre Channel. The QuadPHY 10GX can drive signals over standard backplanes and over cable. Cable lengths can be extended to distances greater than 25 metres by using the QuadPHY 10GX in a retimer mode. For more information, visit www.pmc-sierra.com/serdes.

About PMC-Sierra

PMC-Sierra is a leading provider of high speed broadband communications and storage semiconductors and MIPS-based microprocessors for Enterprise, Access, Metro Optical Transport, Storage Area Networking and Wireless network equipment. The company offers worldwide technical and sales support, including a network of offices throughout North America, Europe and Asia. The company is publicly traded on the NASDAQ Stock Market under the PMCS symbol and is included in the S&P 500 Index. For more information, visit www.pmc-sierra.com.

About the Open Base Station Architecture Initiative

The Open Base Station Architecture Initiative (OBSAI) comprises over 50 industry leading telecommunications companies. OBSAI has created a set of open specifications to define a modular wireless base station architecture and detailed specifications for the three main internal interfaces. The aim of this initiative is to create an open market for base station modules and components to reduce development effort and cost, improve time to market, and accelerate the implementation of new and advanced services. For more information, visit www.obsai.org.

Attachments

Figure 1: Overview of Open Base Station Architecture available at www.pmc-sierra.com/pressRoom/pr/images/20031113_pr_figure1.jpg

Figure 2: PM8358 QuadPHY 10GX Serial Transceiver and RP3 Interface available at www.pmc-sierra.com/pressRoom/pr/images/20031113_pr_figure2.jpg

Photos available at www.pmc-sierra.com/pressRoom/photos/index.html