

## **Pericom Expands Portfolio for Mobility and Server Platforms**

*Newest Products Address Advancements in Next Generation Mobile and Server Chipsets*

**INTEL DEVELOPER FORUM (IDF), San Francisco, CA, August 18, 2015** –Pericom Semiconductor Corporation (NASDAQ: PSEM), a leading supplier of serial high-speed switching, connectivity, signal-integrity and timing solutions, today announced expanded product families in support of next generation mobility (notebook, smart phone, tablet) and server platforms. Pericom will display these products at IDF, Moscone Center, San Francisco, CA, August 18-20, 2015 at Booth # 454.

According to an IC Insights report (Feb, 2015), tablet, PC, and smart phone unit sales combined will exceed 2.2 billion units by 2020. These next generation mobile devices require new chipsets that offer programmable multi-protocol (combo) I/O, such as 8Gbps with PCI Express® (PCIe®) 3.0 technology and 6Gbps SATA3 for internal storage connections. Pericom addresses this need by offering new ‘combo’ ReDrivers/Repeaters that can automatically sense which protocol is being used and configure itself accordingly.

USB ports on mobile devices as well as most USB-enabled platforms are rapidly moving to the new reversible ‘Type-C’ USB connectors. Pericom’s expanded product family supports all features of the new specification, such as DisplayPort (DP) and USB multiplexing from the same connector. The company’s Type-C total solution offers plug orientation (CC pins) detector, crossbar switch, USB3.0 ReDrivers (1V, 1.2V, 1.8V and 3.3V), DisplayPort 1.2 ReDriver, Charge Controllers, and USB3.1 Gen 1 and Gen 2 mux signal switches.

Next generation server and storage platforms require high-speed PCIe 3.0 technology with 8Gbps performance, 10Gbps Ethernet and 12Gbps SAS3 signal integrity products to linearly reproduce the link training signals required by each protocol’s signaling specification. Pericom’s new linear ReDriver/Repeater families provide link training compliance to extend high speed traces and cables in server and storage platforms.

“Pericom tracks mobile and server chipset advances closely in order to provide new product solutions to platform designers early in their design cycle,” said Alex Hui, Pericom president and CEO. “Our Type-C USB total solution as well as our new ‘combo’ and linear ReDriver products are being well received by our customers.”

**Product Part Numbers and Availability:**

Samples and production quantities for most products are available now.

**New Type ‘C’ USB reversible connector product solutions:**

- [PI5USB30216A](#) USB Plug Orientation (CC pins) Detector
- [PI3USB30532](#) 4 Channel Type C Connector Crossbar Switch
- [PI3USB9281A](#) USB Charge Port Detection/Protection
- [PI5USB2546A](#) USB Charge Controller
- [PI1EQX512A](#) 1-Port 1.0V USB 3.0 ReDriver/Repeater
- [PI2EQX502T/502E](#) 1-Port 1.2/1.8V USB 3.0 ReDriver/Repeater

**‘Combo’ PCIe 3.0/SATA3 Redriver/Repeater product solutions:**

- [PI3EQX862](#) 3.3V 1-Port Combo PCIe 3.0/SATA3 ReDriver/Repeater
- [PI2EQX862](#) 1.2V 1-Port Combo PCIe 3.0/SATA3 ReDriver/Repeater

**Linear Redriver product Solutions:**

- [PI3EQX8904](#) 3.3V 4 Channel PCIe 1.0/2.0/3.0 8Gbps Linear ReDriver/Repeater
- [PI3EQX8908A](#) 3.3V 8 Channel PCIe 1.0/2.0/3.0 8Gbps Linear ReDriver/Repeater
- [PI3EQX10904](#) 3.3V 4 Channel 10Gb Ethernet Linear ReDriver/Repeater
- [PI3EQX10908A](#) 3.3V 8 Channel 10Gb Ethernet Linear ReDriver/Repeater
- [PI3EQX1204-C](#) 3.3V 4 Channel SAS3 12Gbps Linear ReDriver/Repeater

For additional information and volume pricing or a specific price quote, please contact [Pericom](#), or your [worldwide sales](#) contact near you.

**Supporting Resources:**

[Type-C Connector Solutions](#)

[USB and PCIe ReDriver/Repeater](#)

[Protocol Switches and Analog Switches](#)

[Timing Solutions](#)

[Embedded Clock](#)

[Crystal Oscillator \(XO\)](#)

**High Resolution Graphics:**

Access high resolution graphics connected to the press release:

[Pericom Mobility IC Solutions](#)

[Pericom Server IC Solutions](#)

**About Pericom:**

Pericom Semiconductor Corporation (NASDAQ: PSEM) enables serial connectivity with complete solutions for computing, communications and consumer market segments. Pericom’s integrated circuits (IC) and frequency control products (FCP) provide the connectivity, timing, switching, bridging and signal conditioning of high-speed signals required by today's electronic applications. Company headquarters are in Milpitas, California, USA, with design centers, sales and customer support offices worldwide. [www.pericom.com](http://www.pericom.com).

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