

## **Leading Optical Receiver Manufacturers Announce 100G MSA**

**ANN ARBOR, Mich., USA and BERLIN, Germany, September 18, 2009** — High-speed optical components companies, Picometrix, LLC, an Advanced Photonix company (NYSE Amex: API) and u<sup>2</sup>t Photonics AG, have agreed to establish a multisource agreement (MSA) to define an industry standard, cost-effective form factor for coherent fiber optic receivers for use in both 100G and 40G DP-QPSK telecommunication systems.

The MSA, named CCRx (Compact Coherent Receiver), provides the receiver form factor, pin function definitions, pin locations, and functionality in a compact optical receiver package designed to enable rapid product development and ease of component procurement for optical transponder and line card manufacturers.

“This agreement will help support the emergence of the 100G dual polarization quadrature phase-shift keying (DP-QPSK) applications, providing advanced solutions to high capacity long haul and metro networks,” said the MSA Committee. “The MSA is focused on 100G, but may also be utilized as a standard for 40G coherent detection applications.”

Picometrix and u<sup>2</sup>t are both contributing members of the 100G Long Distance DWDM Integrated Photonics working group within the Optical Internetworking Forum (OIF), a catalyst for fostering industry standards. The MSA is intended to be compatible with any forthcoming OIF 100G optical receiver implementation agreement.

Both companies will be exhibiting at ECOC, Europe’s largest optical communications event, in Vienna, Austria from September 21-23, 2009. Each company will have their full line of products on display, Picometrix in booth #704 and u<sup>2</sup>t in booth #438.

### **About Picometrix, LLC (an API company)**

Picometrix LLC, founded in 1992 and headquartered in Ann Arbor, Michigan, is a leading, vertically integrated supplier of advanced fiber optic receivers for the 40 and emerging 100 gigabit per second (Gbps) optical communication market and terahertz sensors to the research and industrial quality/process control market. Advanced Photonix, Inc.(R) (NYSE Amex: API) is a leading supplier of optoelectronic semiconductor components, subsystems and systems to a global OEM customer base. More information on Picometrix can be found at <http://www.picometrix.com> and on API can be found at <http://www.advancedphotonix.com>.

### **About u<sup>2</sup>t Photonics AG**

u<sup>2</sup>t Photonics AG founded in 1998 and headquartered in Berlin/Germany, is a leading supplier of ultra-high speed optical detectors and receivers up to 100GHz. Based on its unique and mature technology u<sup>2</sup>t develops, manufactures and markets highly competitive products for High Speed Communication applications and detectors with superior performance for Test and Measurement Equipment vendors. A platform approach based on building blocks enables u<sup>2</sup>t to offer a comprehensive and fully TELCORDIA qualified portfolio supporting the requirements from transponder vendors, line card and system designers as well as test equipment vendors. u<sup>2</sup>t is ISO certified and offers high quality of service.

*The information contained herein includes forward looking statements that are based on assumptions that management believes to be reasonable but are subject to inherent uncertainties and risks including, but not limited to, unforeseen technological obstacles which may prevent or slow the development and/or manufacture of new products; potential problems with the integration of the acquired company and its technology and possible inability to achieve expected synergies; obstacles to successfully combining product offerings and lack of customer acceptance of such offerings; limited (or slower than anticipated) customer acceptance of new products which have been and are being developed by the Company; and a decline in the general demand for optoelectronic products.*