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## **Mintera and ClariPhy Announce Partnership to Develop 2<sup>nd</sup> Generation 40 Gbps Coherent Product**

*Companies developing coherent solution for Mintera's MI 5000XM PM-QPSK Coherent 40 Gbps DWDM module using ClariPhy ASIC*

**Acton, MA and Irvine, CA, December 7, 2009** – Mintera® Corporation, the high performance optical transport systems solutions leader, and ClariPhy Communications Inc., a developer of high-speed mixed-signal networking ICs, today announced their partnership to deliver a next-generation 40 Gbps DWDM coherent optical transport solution. Mintera's MI 5000XM 40 Gbps Polarization Multiplexed Quadrature Phase Shift Keyed (PM-QPSK) transceiver module will employ a state-of-the-art mixed-signal application specific integrated circuit (ASIC) designed and supplied by ClariPhy.

“Mintera is proud to be working in partnership with ClariPhy on the development of this product,” said Terry Unter, Mintera President and CEO. “The combination of Mintera's market-proven optical and module design capability with ClariPhy's silicon-proven experience in digital signal processing (DSP) and mixed-signal IC design will deliver a market-leading and much needed product in the 40 Gbps marketplace. We have been working in close collaboration for several months and expect to be shipping products in Q4 2010.”

The companies have entered into a comprehensive partnership agreement that includes joint specification and optimization of the ClariPhy ASIC and surrounding optical components, and which enables Mintera to be first to market with a module incorporating ClariPhy's ASIC.

“We are excited to partner with Mintera and help bring their groundbreaking 40 Gbps coherent module to the market,” said Dr. Paul Voois, cofounder and CEO of ClariPhy. “Mintera's leadership position in the 40 Gbps market, strong endorsements from tier-1 OEMs, and deep expertise in optical transmission make them an excellent lead partner for our 40 Gbps coherent ASIC. In developing this ASIC, ClariPhy is building on its proven high-speed DSP and mixed-signal expertise to be the first to deliver a 40 Gbps coherent ASIC in low-power single-chip CMOS technology. We look forward to introducing this ASIC in Mintera's product line next year.”

The MI 5000XM 40 Gbps PM-QPSK coherent module enables the design of cost effective transmission systems on the most demanding transmission routes. Compatible with Mintera's MI 4000XM Adaptive-DPSK™ product on 50GHz channel-spaced systems and transmission over agile ROADMs networks, the MI 5000XM enables Mintera's customers to deliver best-in-class solutions. The unit conforms to the industry standard footprint and incorporates an electrical Mux/Demux for compatibility with any 40 Gbps framer. The module has a 300-pin MSA connector with support for the appropriate I2C commands, thus enabling simple hardware and software integration.

“Aggressive growth in the 40 Gbps WDM market, due to multiple wide scale network deployments now underway, has created the need for high performance DWDM modules to support the most demanding network transmission applications,” said Andrew Schmitt, principal analyst at Infonetics Research. “Mintera’s new MI 5000XM PM-QPSK Coherent 40 Gbps product appears positioned to be a significant player in these deployments, given its capabilities of ultra-long haul reach and high tolerance to signal distortions.”

### **About Mintera Corporation**

Mintera is a high bit-rate optical transport systems solution leader enabling migration to 40 and 100 Gbps in metro-core, regional, long-haul, and ultra long-haul networks. Mintera’s flexible multi-service product-set enables service providers to upgrade their existing infrastructure in an evolutionary and seamless fashion. Mintera continues to gain customer traction since demonstrating the world’s fastest ultra long-haul optical transport connection in June 2004. The company is working on higher bit-rate solutions with multiple research and development labs at carriers, systems suppliers, component manufacturers, research institutes and universities to further drive down optical transmission costs. For more information, visit [www.mintera.com](http://www.mintera.com).

### **About ClariPhy Corporation**

ClariPhy Communications, Inc. is a fabless semiconductor company developing high-speed ICs targeting 10 and 40 Gbps networks in enterprise backbone, enterprise data center and telecom environments. ClariPhy’s ICs enable IT and network management to significantly improve network performance and lower cost. ClariPhy’s investors include Norwest Venture Partners (NVP), Onset Ventures, Allegis Capital and Pacific General Ventures. ClariPhy is headquartered in Irvine, California with offices in Los Altos, California and Cordoba, Argentina. For more information, please visit [www.clariphy.com](http://www.clariphy.com).

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