

MEDIA ALERT: Sept. 6, 2009

OneChip Photonics to Showcase High-Performance, Low-Cost Photonic Integrated Circuit (PIC)-Based Transceivers at CIOE 2009

What: OneChip Photonics will showcase its new family of high-performance, low-cost Photonic Integrated Circuit (PIC)-based Ethernet Passive Optical Network (EPON) and Gigabit Passive Optical Network (GPON) transceivers at The 11th China International OPTO ELECTRONIC Expo (CIOE 2009) this week. OneChip's fully integrated transceivers are designed for Optical Line Terminals (OLTs) and Optical Network Units (ONUs), which are deployed at service provider central offices and at customer premises, respectively. These transceivers will help system providers and carriers deploy Fiber-to-the-Premises (FTTP) more cost-effectively than ever before – and meet consumer and business demand for high-bandwidth voice, data and video services. OneChip will demonstrate the following transceiver solutions at the show:

ONU

- * EPON PX20 ONU, SFF 2x5 Pigtail
- * EPON PX20 ONU, SFF 2x10 Pigtail
- * EPON PX20 ONU, SFF 2x5 Receptacle
- * EPON PX20 ONU, SFF 2x10 Receptacle
- * EPON 2.5G PX20 ONU, 2x10 Pigtail
- * GPON B+ ONU Diplexer, 2x10 Pigtail

OLT

- * EPON PX20 OLT, SFP
- * EPON PX20 OLT, SFF Pigtail
- * EPON 2.5G PX20 OLT, SFP
- * GPON B+ OLT, SFP

OneChip Photonics is taking a new approach with its breakthrough PIC technology. OneChip is monolithically integrating all the functions required for an optical transceiver onto a single, Indium Phosphide (InP)-based chip. All active and passive components of the chip – including the Distributed-Feedback (DFB) laser, Optically Pre-Amplified Detector (OPAD), Wavelength Splitter (WS), Spot-Size Converter (SSC), and various elements of passive waveguide circuitry – are uniquely integrated in one epitaxial growth step, without re-growth or post-growth modification of the epitaxial material. OneChip Photonics is a privately held company, headquartered in Ottawa, Canada. For more information, please contact OneChip at +1 (613) 226-6117 or at sales@onechipphotonics.com, or visit our Web site at www.onechipphotonics.com.

Where: CIOE 2009
Shenzhen Convention and Exhibition Center
Shenzhen, China

When: Sept. 6 - 9, 2009
All demonstrations will take place in OneChip Photonics' booth #432 during show hours:
Sunday, Sept. 6 (9 a.m. - 4 p.m.)
Monday, Sept. 7 (9 a.m. - 5 p.m.)
Tuesday, Sept. 8 (9 a.m. - 5 p.m.)
Wednesday, Sept. 9 (9 a.m. - 4 p.m.)
To schedule an appointment with OneChip at CIOE 2009, please contact Angela Edgerton at angela@ardellgroup.com.

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