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## News Release

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### **OneChip Photonics Establishes New Headquarters with State-of-the-Art Clean Room**

*New facility will speed time-to-market and enable volume shipping of reliable and quality solutions designed under statically controlled conditions*

**OTTAWA, Dec. 16, 2009** – OneChip Photonics today announced that it will open a new headquarters facility, which includes 4,000 square feet of clean room space, effective Jan. 2, 2010. The new site includes 30,000 square feet of space, designated for offices, manufacturing, labs and a clean room, which will enable OneChip to streamline workflow processes and begin the build of manufacturing-grade devices under controlled conditions. OneChip’s headquarters will be relocated within the Kanata North Business Park to:

495 March Road  
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Taking on a clean room supports OneChip’s commitment to maintain ownership of a pilot production facility, which enables the commencement of new product builds, as well as the development of manufacturing processes for later transfer to the company’s volume partners.

OneChip uses a Photonic Integrated Circuit (PIC) design/fabrication approach, which is based on vertical integration of all the active and passive transceiver components into a common multi-guide structure manufactured in one epitaxial growth. This approach produces inherently high yields, many times those normally seen for Indium Phosphide (InP)-based laser devices, and very low costs. In addition, with the new clean room facility, OneChip’s design will benefit from a faster development cycle, quality control of in-house samples, and reliability for immediate deployment into field trials.

“The relocation of OneChip’s headquarters and acquisition of a clean room facility is a milestone in OneChip’s growth as an innovator in the Ottawa region and the optical communications industry,” said Chris Hart, vice president of operations at OneChip Photonics. “The advantages

inherent with owning a clean room will support the advancement of our breakthrough approach and PIC-based optical transceivers, while driving down costs and maintaining quality control that delivers yields not offered by any other optical component provider.”

OneChip’s new headquarters will house engineering design, test and assembly, supply chain, operations, marketing, sales, field support, finance and administration and other key personnel. The facility will allow for the future expansion of OneChip’s team and offers a unique opportunity to maintain the process development cycle and manage, in-house, the reliability of the company’s solutions.

**About OneChip Photonics**

OneChip Photonics is a privately held company, headquartered in Ottawa, Canada, that develops and manufactures low-cost, high-performance optical transceivers – based on monolithic Photonic Integrated Circuits (PICs) in Indium Phosphide (InP) – for access networks and other mass-market broadband applications. OneChip’s breakthrough approach and technology will remove the cost and performance barriers that have been impeding the ubiquitous deployment of Fiber-to-the-Home (FTTH) and enable new business and consumer broadband applications. For more information, please contact OneChip at +1 (613) 226-6117, +1 (866) 652-4627 (toll-free), [info@onechipphotonics.com](mailto:info@onechipphotonics.com) or [sales@onechipphotonics.com](mailto:sales@onechipphotonics.com), or visit our Web site at [www.onechipphotonics.com](http://www.onechipphotonics.com).

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