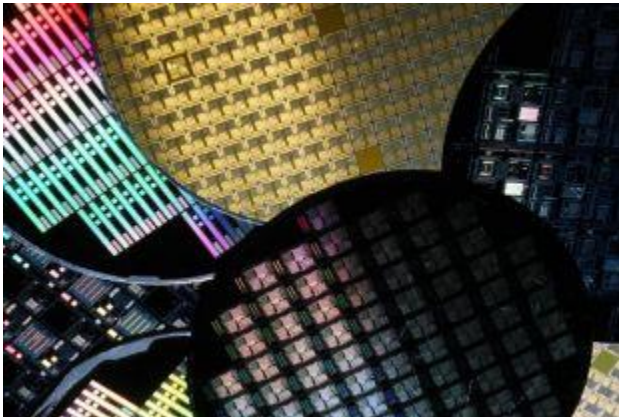


OneChip to relocate to new, larger digs



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OneChip Photonics will move its headquarters in the new year to a 30,000-square-foot space in the Kanata North Business Park, in its bid to speed up commercialization of its first monolithic optical technology.

The Ottawa company said its relocating to new offices on March Road that will include 4,000 square feet of “clean room” space, which it says will house the pilot production facility for its photonic integrated circuit, or PIC, optical components.

The clean room will allow OneChip to start building new products and to develop manufacturing processes in preparation for working with its volume production partners.

“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,” said Chris Hart, OneChip’s vice-president of operations, in a statement, hailing the move as a “milestone” for the company.

OneChip added that the clean room would have “statically controlled” conditions that would allow the firm to streamline workflow processes and begin the build of manufacturing-grade devices.

The company is looking to challenge more established photonics firms – such as local rival Enablence Technologies Inc. – with its product, which combines several optical broadband functions into a single transceiver based on monolithic PICs in indium phosphide.

OneChip says its process produces higher yields and lower costs than the approach taken by Enablence and other companies working on planar lightwave circuit-based components, which require assembly from multiple parts.

Its claim has attracted the attention of the investment community, which [gave OneChip \\$19.5 million in March](#), one of the largest local venture capital deals of 2009.

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 company said.

<http://www.obj.ca/Technology/2009-12-16/article-290689/OneChip-to-relocate-to-new%2C-larger-digs/1>