

# Process Photonics

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## **Process Photonics Introduces Industry's Fastest Fixtureless Laser Trimming Technology**

***Patent-pending design fully software configurable to speed time-to-market for embedded passives and hybrid circuits***

**Ottawa, Canada, July 25, 2007 – Process Photonics (PPI)**, a supplier of advanced inspection, test and laser-based materials processing systems and a subsidiary of Tarquin Group (TSX VENTURE: TQN), today announced the industry's fastest and most flexible moving probe system for laser trim and test of electronic circuit boards. The company has filed a provisional patent application for the technology.

Currently, the majority of laser production machines are fixture based, which means that designers must custom-build probe cards for each specific circuit layout. This is costly, reducing manufacturers' quick-turn capability and restricting maximum circuit size and component density.

PPI has developed a new probing technique specific to high speed laser trimming. All probing and trimming is fully programmable, so no fixture is required, regardless of circuit size, orientation or density. This enables an overall lower cost of operation, enhanced layout capability, flexibility of design and operation, and higher throughput.

"In our target markets – which include embedded passives and hybrid circuits for high temperature, high frequency, and volume consumer applications like wireless, high-volume memory and advanced automotive – design flexibility and production speed at the board level are key to success," said **Anton Kitai, President of Process Photonics**. "Our customers are telling us that our new trim and test systems deliver a speed and flexibility combination that hasn't previously been available to them."

PPI's new laser trim and test technology will be in trials with lead customers shortly and widely available in Q4 2007.

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## **About Process Photonics Inc.**

Process Photonics, a subsidiary of Tarquin Group (TSX VENTURE: TQN), was founded in 2002 by former Lumonics engineers, designers and scientists with experience in advanced laser systems design, manufacture and support. PPI is an innovative supplier of standard and custom, laser-based, material processing, test and inspection systems for the PCB, Electronics Assembly, Semiconductor and Medical Device Industries. The company is uniquely positioned to address these markets with expertise in lasers, optics, motion and vision systems, part handling and integration of OEM equipment into robust stand-alone machines. Customers also benefit from Process Photonics' extensive experience in light and material interactions in the development of custom manufacturing solutions. For more information, please see the web site at [www.processphotonics.com](http://www.processphotonics.com).

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