

## FOR IMMEDIATE RELEASE

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### Laser-Based PCB Production on Demand

**Wilsonville, OR, May 8, 2008** – LPKF Laser & Electronics unveils the new **ProtoLaser 200**, a versatile state-of-the-art laser system for prototyping and on-demand production of PCB's. This fully enclosed laser-based system works directly off of CAD data to produce circuits on a variety of materials, including ceramic and PTFE based substrates. The protective cabinet allows for a Class 1 laser safety rating and prevents any particles or evaporation from leaving the work area. The **ProtoLaser 200** combines advanced laser technology, optics and x/y table mechanisms, resulting in enhanced quality, speed and accuracy. The improved performance and speed of this system makes it an ideal component in any RF and microwave engineering environment including antennas, RFID, filters, and single layer components, among others.

LPKF North America Vice President of Sales, Jim Greene noted, "The **ProtoLaser 200** combines speed and precision of laser beam deflection with the versatility of an X/Y table to increase process area and produce the most accurate results. This is especially useful for customized on-demand small series production of printed circuits."

A visible laser image is projected on to the work surface, outlining the preferred work area, prior to the actual laser structuring, while alignment of two-sided artwork is automated with a fiducial recognition camera. This vision system also allows the **ProtoLaser 200** to automatically set the proper laser focal point, visually inspect, and properly align the work piece

LPKF Laser & Electronics is the world leading manufacturer of both mechanical and laser systems for the production of PCB prototypes, enjoying over 80% market share in the business segment. LPKF is headquartered in Garbsen, Germany and maintains service hubs in Europe, Asia, and North America.

More information is available at LPKF's web site: [www.lpkfusa.com](http://www.lpkfusa.com)

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Download this high resolution image of the **LPKF ProtoLaser 200** at:

[http://www.lpkfusa.com/Images/PRODUCTS/pl100\\_280.jpg](http://www.lpkfusa.com/Images/PRODUCTS/pl100_280.jpg)