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LPKF Introduces New Laser Source for UV PCB Depaneling Systems

Tualatin, Ore., October 2013 — LPKF Laser & Electronics has announced the availability of a new, higher-powered laser source option for its MicroLine family of UV laser circuit board depaneling systems.

LPKF continues to offer its existing 6 watt laser source, but now all MicroLine depaneling systems can be alternatively equipped with a 12 watt power source.

“A 6 watt power source is ideal for working with thinner materials such as flex or rigid-flex materials,” said LPKF sales engineer Mirela Orłowski. “In contrast, the new 12 watt power source provides great efficiency when working with thicker materials such as 62 mils (1.57 mm) FR4.”

The MicroLine family of systems consists of three series - 1000, 2000, and 6000 - which accommodate various application sizes and production quantities.

UV laser processing is a low-stress alternative to mechanical PCB depaneling methods such as routing or dicing. By using a virtual tool as opposed to a physical one, effects of stress such as burring and damaged components are eliminated.

For more information on the MicroLine series systems, visit LPKF's website:

<http://www.lpkfusa.com/laserdepaneling/index.htm>.

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About LPKF

Established in 1976, LPKF Laser & Electronics manufactures milling machines and laser systems used in circuit board and microelectronics fabrication, medical technology, the automotive sector, and the production of solar cells. LPKF's worldwide headquarters is located in Hannover, Germany and its North American headquarters resides near Portland, Ore.