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LPKF showcases updated stencil cutter with new features

Las Vegas, Nevada April 2011 – LPKF Laser & Electronics will showcase an updated version of its flagship stencil cutting laser system at IPC APEX EXPO. The new model of the LPKF StencilLaser G6080 features a number of improvements over its predecessor including a real-time quality inspection system and an improved throughput which allows for about 20% higher productivity.

The new SL G6080 uses a proprietary optical inspection process that monitors the stencil cutting process in real-time. When compared to an off-line quality inspection, this technique reduces the total production time of each stencil and eliminates the possibility of human error. "Today's stencils are highly complex tools and leave no room for errors. We want to give our customers a peace of mind that every stencil being cut is verified and complete before it leaves the machine," states Stephan Schmidt, president of LPKF North America. The G6080's increased productivity is accomplished by a new, advanced control system which uses optimized cutting parameters for each individual aperture. Other improvements include a fully contained motion system and software controlled cutting gas management that reduces operation costs even further.

"The G6080 update is a direct result of the close cooperation with our customer base world-wide. We are excited to be able offer this system to the North American market," Schmidt said. LPKF is expecting to start delivery of the G6080 systems to North American customers in July 2011.

About LPKF

LPKF Laser & Electronics is the world leading manufacturer of both mechanical and laser systems for demanding tasks in printed circuit board technology and microelectronics. LPKF's worldwide headquarters is located in Garbsen, Germany outside of Hannover and maintains North American headquarters in Portland, OR. More information is available at LPKF's website: www.lpkfusa.com



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