

## LPKF Presents 2D and 3D Prototyping

### Innovative prototyping solutions at embedded world

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From the idea to the close-to-production prototype in just one day – for PCBs and 3D MID components. LPKF focuses on in-house prototyping processes at its Stand 507 in Hall 1. Systems and processes for the manufacture of three-dimensional molded interconnect devices utilizing the LDS process will be presented (LDS paint, ProtoLaser 3D and instant metallization).

LPKF will showcase its ProtoMat D104 top model circuit board plotter for the manufacture of PCB prototypes that eliminates the need for environmentally harmful etching chemicals. These systems mill conductor tracks from a fully coated substrate and simultaneously implement drilling tasks. Along with its mechanical tools, the ProtoMat D104 features an additional laser, which allows high-precision geometries to be realized and is used to create ultra-fine conductor structures.

Solutions for through-hole plating, assembly and reflow soldering will also be presented. And most importantly: seasoned prototyping experts will be available at the LPKF stand for your questions.



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**The LPKF ProtoMat D104 also creates ultra-fine structures without etching chemicals**

### About LPKF

LPKF Laser & Electronics AG manufactures machines and laser systems used in electronics fabrication, medical technology, the automotive sector, and the production of solar cells. Around 20 percent of the workforce is engaged in research and development.