TARGET 3001!

PCB Layout CAD

IBF

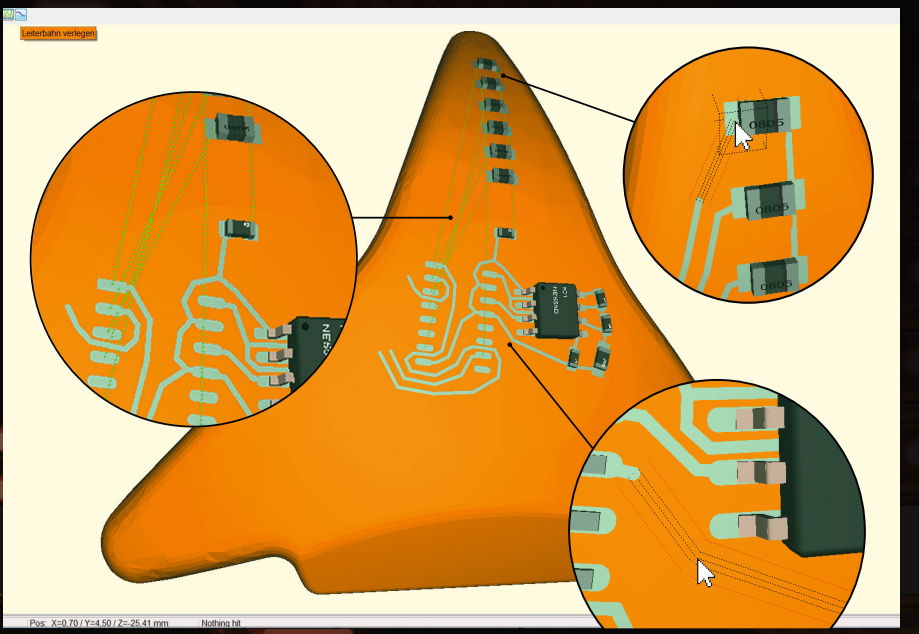
In coorporation with:

LPKF Laser & Electronics

DAS ORIGINAL SEIT 1994 PCB-POOL Beta LAYOUT

TARGET 3001! goes MID!

Electronic Design on 3D Bodies



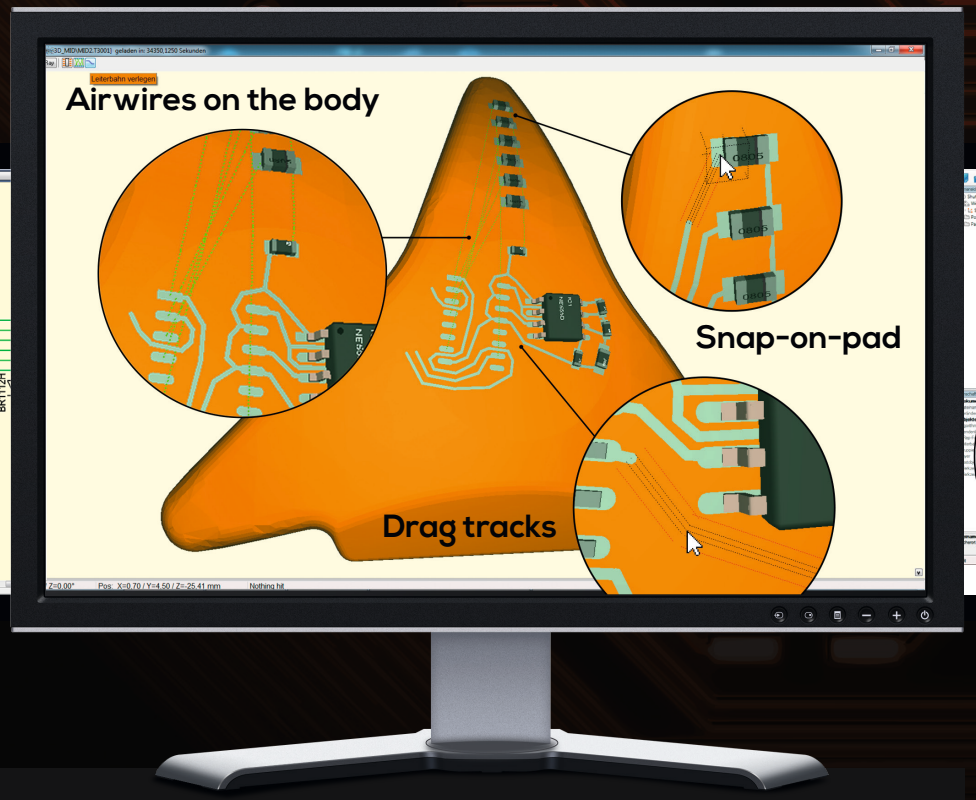
Ing.-Büro FRIEDRICH
Harald Friedrich
Am Schwarzen Rain 1
36124 Eichenzell
Germany

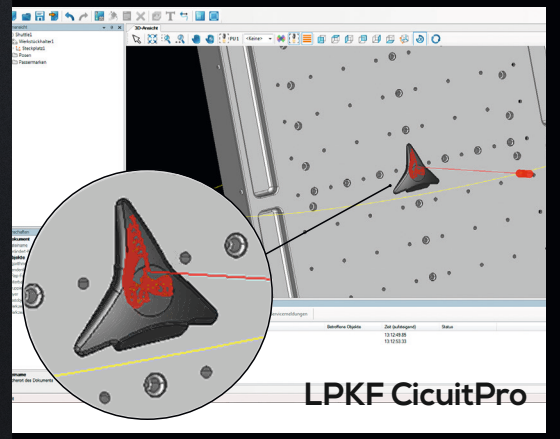
Fon: ++49 (0) 6659 / 919 444
FAX: ++49 (0) 6659 / 919 445
target@ibfriedrich.com

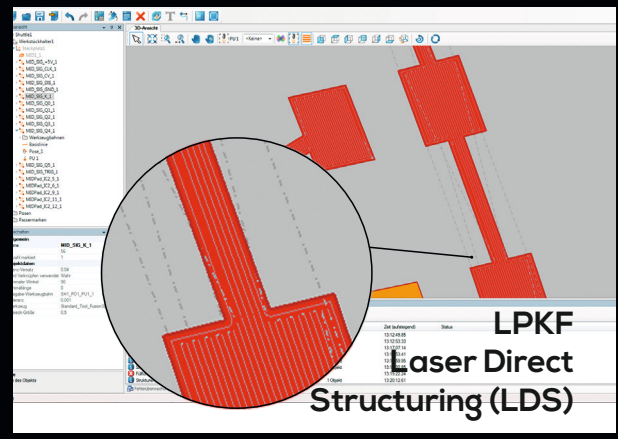
www.target3001.de

WORLD DEBUT!

Swiftly design your MID with TARGET 3001!







Molded Interconnect Device (MID) with TARGET 3001!

PCBs waste space, have weight and cost money. If you only need something to hold and connect your electronics components, think about an MID. In many cases an existing plastic part could do the job.

TARGET 3001! lets electronics developers work how they are used to: Create a schematic, place the packages on the arbitrarily formed MID, see the airwires on the MID body and draw the tracks. The design rule check tells whether all packages are placed, all connections are established and no spacing violations occur.

The width and spacing of the tracks can be determined by the constraints in the schematic. An automatic snap-on-pad and snap-on-track as well as the possibility to drag track corners help the designer to easily connect all nets. The spacing of each track is also displayed during placement and dragging.

One swift click on a button lets the developer directly export the required 3D STEP file towards the LPKF Cicuit-Pro software. The pads and tracks can now be assigned to certain lasering poses and to the respective laser unit, if more than one are available on the LPKF laser machine. Now the working path of the laser structuring can be computed and the production can begin immediately.

TARGET 3001! also exports the centers of the pads and the appropriate normal angles to dispense solder paste or conducting glue. The bill of material can be output with the X/Y/Z coordinates of the components and their azimuth and zenith angle for automatic assembly.