

PADS® PE "L" Suite

Getting Started in PCB Design and Layout

PADS PE "L" Suite is a powerful, yet affordable and easy to use PCB design system configured for a designer needing a basic front to back solution.

PADS Logic

- Base schematic entry tool
- Design rule entry
- Electrical rule checking
- Cross probing with PADS Layout

PADS Layout / PADS AutoRouter

- PCB layout editor
- 2 Layer auto routing
- Online design rule checking
- 6250 database connections
- RF support
- Library module
- Split-plane tool
- Auto-dimensioning
- Mechanical tools DXF link
- Design fabrication checks

Highlights

PADS Logic. Base schematic entry tool with design rule entry, automatic part packaging, electrical rule checking and cross probing of parts with PADS Layout. Very easy to use; common GUI and shared library with PADS Layout.

PCB Editor. Includes the industry standard PADS layout editor, library module and, RF design support 6250 database connections, radial array placement and other high performance features. Design for fabrication lets you check for acid traps and starved thermals, checks, silkscreen over pads and other fabrication defects.

PADS AutoRouter 2L. Shape-based autorouter with true diagonal and any-angle routing. Includes component fan out, pattern routing, and via optimization. Enables simultaneous routing of two layers.

Auto dimensioning. Provides robust dimensioning tools to automatically document the PCB form factor. Includes automatic leader break, radius/diameter dimensions, angle dimensions, and support for user defined tolerances.

RF Design. RF design support of import of complex copper shapes, coplanar/channel Wave guide shielding, square and chamfered corners and area shielding with vias.

DXF Link. Uses Autodesk DXF format files to link PADS layout to mechanical tools supporting DXF.

On-line Design Rule Checking. Automatically monitors rules passed from the schematic to layout to eliminate respins and manufacturing problems. Provides real time prevention of signal clearance and trace width violations. User can select rule adherence: prevent, warn, off, ignore for edit.

Split Plane Tools. Split /mixed plane operations support a rules-driven process that defines complex, mixed plane layers

For more information please contact your local sales representative

<http://www.mentor.com/products/pcb/pads/resellers/index.cfm>

