

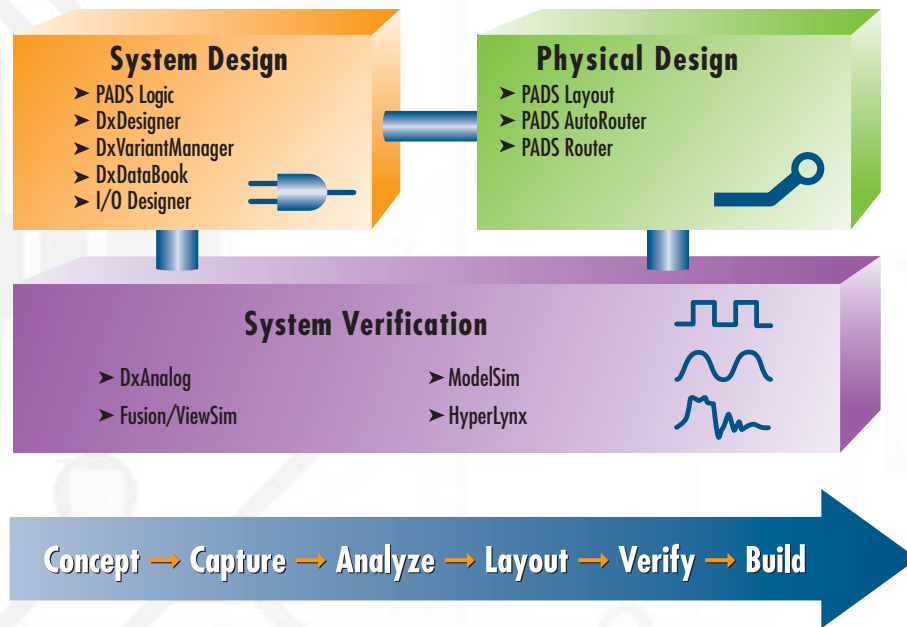


PADS[®]

PCB Design Solutions

**Mentor
Graphics[®]**

Integrated Solution for Complex PCB Design



PADS PCB Design Solutions

Mentor Graphics, the world's number one provider of PCB design solutions, has combined the expansive capabilities of the PADS® product line into a series of affordable PADS Suites. These suites have just the right mix of technology necessary for complex PCB design, yet they can be supplemented with a variety of add-on capabilities should your needs change.

PADS has been proven on tens of thousands of designs around the world. They require little or no training and pay for themselves after only a few designs.

PADS PCB design solutions are created for designers by designers. They cover the entire design flow, from design definition through signal integrity analysis, functional simulation, layout and outputs to manufacturing.

Design Without Compromise

With PADS, your tools won't limit your ability to design. Unlike other systems that advertise "price conscious" tools, the PADS flow is infused with vibrant, dynamic technology for a complete and comprehensive solution. Because PADS is based on industry standards such as Windows automation, Visual Basic scripting, and ASCII database, you can work the way you want and generate the capabilities you need – like special function keys or outputs formatted to your standards.

Are PADS PCB Design Solutions for You?

- Have your current tools "run out of gas," driving you to explore new options?
- Do demanding design challenges and tight time-to-market demands conflict with strict budget constraints?
 - Is cost-of-ownership a primary factor in your buying decision?
 - Do you want the shortest learning curve possible and user-experience that doesn't divert you from focusing on your design?
 - Do you do it all – concept, layout, and analysis?
 - Are you looking for a plug-and-play solution?

Function	Configurations		
	PE	XE	SE
Design definition	*	*	*
Layout	*	*	*
Autorouting	2 layers	4 layers	8 layers
Analog simulation		*	*
SI analysis		*	*
Advanced rules			*
Interactive high-speed routing			*

Available options include: component information management, variant management, co-simulation, topology planning and analysis, mixed-language simulation, chip-on-board design, physical design reuse, post-route verification, and more.

PADS PCB Design Solutions Just for You

Mentor Graphics continues to lead the PCB market by combining industry-leading products into scalable solutions that will meet or exceed requirements. Our solutions are easy to use, full-featured, and supported 24 x 7 through our award winning online SupportNet.

No matter if you are a single designer, part of a small group, or an independent group within a larger company, PADS PCB design solutions can provide you with what you need when you need it, affordably. Start with one of our PADS Suites, then add functionality as you need it. With PADS PCB design solutions, you will have the confidence and capability to handle any PCB design challenge.



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