

PADS Standard and Standard Plus



Introducing PADS Standard and Standard Plus

Thank you for being a valued PADS® customer. We truly appreciate your ongoing support. As you know, PADS is a premier product-creation platform for the design of high-quality electronic products. With PADS PCB design tools, you can create anything you can dream of, from the very simple to the highly complex.

We are committed to your success and to the continued growth of the PADS product line. Long a part of Mentor PCB, PADS benefits from continuous development and global distribution.

PADS Standard Capabilities

- Schematic design
- [PADS AMS Cloud](#) online circuit simulation
- PCB layout
- Component part selection and verification
- Custom, IPC-compliant land pattern creation

PADS Standard Plus Capabilities

- All of the above, plus:
 - Integrated constraint management
 - High-speed constraints and routing
 - Signal integrity analysis with crosstalk using HyperLynx®
 - Thermal and analog simulation
 - Central Library

PADS Standard & Standard Plus Support

When you buy products like PADS Standard and Standard Plus that improve your design productivity and integrate tightly into your business, a comprehensive support program should be seen as an integral part of your product investment.

Support is the insurance that allows your employees to concentrate on their work, while our support staff helps keep your downtime to a minimum and moves your project forward faster.

Key Support Benefits

- Software enhancements to bring you the latest improvements in product functionality, usability, and performance
- [Support Center](#) for rapid, secure access to online support 24/7
- Technical support backed by an award-winning support team

What's New In PADS Standard and Standard Plus VX.2.8 (Nov. 2020)

PADS AMS

- IBIS Model Support
- VHDL-AMS Language Feature Support
- Waveform Plotting
- Simulation Stop / Restart
- Design Netlisting & Library Management

PADS (DX) Designer

- Net Wiring Was Enhanced To Improve Productivity (IDEA #[16180](#))
- In-line Net Naming Was Added (IDEA #[7963](#)) (see [video](#))
- Enhanced Properties Management Through Properties Dialog Box Changes (IDEA #[17349](#))
- Part Replace Is Now Context Aware and Manages Replacement By Part Instance (IDEA #[18424](#))
- Automatically synchronize links and net names should be on by default (IDEA #[19418](#))
- Remove 3D Model From Central Library
- IOPT: Settings Management – You can now save all settings locally with the project.

PADS Layout – Defect Fixes

- DR 1334878: ODB++ export - Overall memory consumption reduced. In addition, a 64 bit module is used, allowing 4GB of memory instead of 2GB
- DR 1389681: Dimension lines saved in a PCB decal are now included in ODB++ export
- DR 1394014: CADStar schematic and design pin numbers are properly converted from lower case to upper case for PADS
- DR 1403741: Performance improvements made in PADS netlist library access when multiple users are connected
- DR 1343557, 1388604, 1411308: Layer thickness corrections of PADS data used in HyperLynx, ODB++, and Valor NPI
- DR 1413447: For slow connections such as with VPN, the 3D model library update provides a warning dialog after 2 minutes and is given a choice of continuing to access the library or to abort reading from it
- DR 1413950: Document Types set to Custom in CAM will now be considered as copper layers in ODB++ if the Fabrication layer is properly assigned
- DR 1417901 - Quick measure text size has been improved, it appeared very small and unreadable on certain machines

For detailed information about all the new features see the full [PADS Standard and Standard Plus VX.2.8 Release Highlights](#).

About Siemens Software Customer Support

Our global team of Support Engineers have exceptional skills in analyzing problems and providing solutions; and this capability is the result of years of product experience and industry practice coupled with continuous investment in training.

Combined with our online Support Center, they help deliver the fastest path to the successful adoption of product enhancements and new releases.

On Support Center You Can

- Download latest releases
- Access documentation
- Manage & download licenses
- Search the knowledgebase
- Solve technical issues
- Manage support cases