### Description

**First Years Support**
- First Years Support included
- Support offers you: Remote technical assistance. Phone support. Email support, 24/7 online support. Onsite technical visits. Software updates and more.

**Free Installation**
- Remote Installation
- After purchasing PADS a PADS applications engineer will remotely connect to your workstation. They will install and license your software for you. Ensuring you can get on with using PADS as soon as possible.

**Free Translators**
- Library and Database translators
- Mentor Graphics supply FREE translators for both libraries and design databases from the following formats: OrCAD, PCAD, CADDstar, Protel, Altium Designer. Sares Technology can translate many other CAD formats. Please contact us for a full list of formats.

**Licensing**
- PADS Licensing options
- PADS can be licensed to a USB Dongle (USB), MAC Address of one machine (MAC) or Network Floating licensed (NW). There is a premium for NW.

**Design Definition**
- DxDiagram 040
- Entry-level schematic capture plus basic constraint entry, design navigation, logical reuse, and cross probing with layout.

- PADS Logic
- Base schematic entry tool with design-rule entry, automatic part packaging, electrical rule checking and cross probing with PADS Layout.

- PADS SPICEnet
- Exports standard SPICE netlist from PADS Logic.

- PADS Logic PDF
- Allows PADS Logic customers to create and share intelligent PDFs of their schematics with anyone.

- Spice integration
- Exports standard SPICE netlist from DxDiagram.

- Variant Manager for PADS
- Logical variant management capability in DxDiagram.

**Analysis**
- HyperLynx Analog
- Easy-to-use, cost-effective solution for full, board-level analog simulation. Prerequisite: EZwave Viewer (purchased separately). EZwave Viewer is included in the ES Suite.

- HyperLynx LineSim
- Pre-layout signal integrity analysis tool. Enables modeling and simulation of complex interconnect scenarios including clock topologies, cross sections, board stackups, termination strategies and maximum trace lengths prior to physical layout. No PGB Layout Interface is required.

- HyperLynx BoardSim
- Post-layout signal integrity analysis tool.

- HyperLynx Thermal for PADS
- Thermal analysis tool for the ES Suite (limited functionality). This version does not have the ability to move/place components, change card outline, or start new designs.

- HyperLynx Thermal (standalone)
- Thermal analysis tool.

**Core Layout**
- PADS PCB Editor
- Contains all base PCB editing operations including manual placement and routing; rules-based copper pour creation; default and net-level design rule support for widths, clearances, ECL routing, intelligent attributes, and CAM outputs.

- Unlimited Connections
- Provides unlimited connections database for layout.

- Analog Tool Kit w/ Array Placement
- Enables automatic and interactive jumper capability, and advanced teardrop and pad filling controls for high density single and double sided designs. Provides the ability to automatically place components in radial or planar arrays. Includes pattern step and repeat, radial placement grids, array pattern wizards and additional tools for managing rotated parts and components. Also enables any-angle routing in PADS Router.

- 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.

- Library Module
- Supports all tools necessary to create, edit, and manage PADS decal footprints, device part types, and drafting objects.

- On-line Design Rule Checking
- Provides real-time prevention of signal clearance and trace width violations. User-selectable rule adherence: prevent, warn, off, ignore for edit. Includes interactive autotouting.

- Split Plane Tools
- Provide an interactive and automated method for creating complex embedded planes on signal layers consisting of plane areas and routes while maintaining all design rules including net-specific and conditional net rules.

- DXF Link
- Provides bidirectional data exchange using Autodesk DXF file format.

- CAM Plus
- Includes filters to interface to pick and place and auto-insertion equipment: Dynapert, Universal, Phillips, etc.
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<th>Design</th>
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<th>Engineering</th>
<th>Description</th>
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<tr>
<td><strong>Layout Options</strong></td>
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<tr>
<td>Advanced Packaging Toolkit</td>
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<td>Advanced Rule Set (ARS)</td>
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<td>Enhanced DFT Audit</td>
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<tr>
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<tr>
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</tbody>
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