

OrCAD PCB Design University Edition

OrCAD Design Suite for Academic Institutions helps educational institutions better prepare their future graduates for the PCB Design workplace. This program provides future engineers access to Cadence world class tools for schematic design entry, PCB layout and editing, auto-routing, mixed-signal simulation/analysis and signal integrity exploration. At the heart of the program are the Cadence industry standard OrCAD PCB design technologies including OrCAD Capture CIS, OrCAD PCB Editor, PSpice®, OrCAD PCB SI and more.

Accredited institutions can purchase unlimited number of seats for a small annual fee (Time Base Licenses) or perpetual licenses. The technologies included in this package are full version, commercial grade-tools with no design limitations

Package Contents

<u>OrCAD Capture CIS</u>	OrCAD Capture is one of the most widely used schematic design solutions for the creation and documentation of electrical circuits. Coupled with the optional OrCAD CIS (component information system) product for component data management, along with highly integrated flows supporting the engineering process, OrCAD Capture is one of the most powerful design environments for taking today's product creation from concept to production.
<u>OrCAD PSpice A/D & PSpice PAA Option</u>	OrCAD PSpice® and Advanced Analysis technology combine industry-leading, native analog, mixed-signal, and analysis engines to deliver a complete circuit simulation and verification solution. Whether you're prototyping simple circuits, designing complex systems, or validating component yield and reliability, OrCAD PSpice technology provides the best, high-performance circuit simulation to analyze and refine your circuits, components, and parameters before committing to layout and fabrication.
<u>PSpice Systems Option</u>	The PSpice MATLAB® Simulink® provides designers with a system level simulation solution to for their designs. Together, designers now have the ability to perform system level simulations that include realistic electrical models of actual components.
<u>PCB Editor</u>	OrCAD PCB Editor is an intuitive, easy-to-use, constraint-driven environment for creating and editing simple to complex PCBs. At the heart of OrCAD PCB Designer is PCB Editor—an intuitive, easy-to-use, constraint-driven environment for creating and editing simple to complex PCBs. Its extensive feature set addresses a wide range of today's design and manufacturability challenges. PCB Editor includes a powerful shape-based shove/hug interactive etch creation/editing provides a highly productive interconnect environment while providing real-time, heads-up displays of length and timing margins. Dynamic shape capability offers real-time copper pour plowing/healing functionality during placement and routing iterations. PCB Editor can also generate a full suite of phototooling, bare-board fabrication and test outputs, including Gerber 274x, NC drill, and bare-board test in a variety of formats.
<u>OrCAD PCB SI</u>	OrCAD PCB SI is an integrated analysis environment that delivers powerful simulation technology to help find and address signal integrity (SI) issues throughout the design process—from circuit design in the schematic to board placement and routing. It enables pre- and post-layout topology exploration, signal analysis, and validation. With OrCAD PCB SI, you can increase circuit reliability and drive known-good interconnect requirements throughout the PCB design flow to reduce re-spins
Term of use	Perpetual licenses (99 years) or 1 to 2 years Time-Based licenses

Conditions and terms of the offer

Use of the OrCAD tools in the context of these offers is exclusively assigned for educational purposes excluding any commercial, industrial or research projects funded by industrial companies. Each educational site coordinator will have to return a signed record of commitment to this agreement.

The purchase orders are subject to the following conditions:

- Use of the software must be strictly used for pedagogical means and within the framework of courses taught by a teacher.
- Excluding any usage on direct or indirect research, commercial projects and non-academic activities.
- The purchase order will not be taken into account if it is not written on letterhead that highlights the educational value of the core business of the purchase order issuer.
- The purchase order must also be accompanied by a signed commitment certificate, which certifies the nonprofit educational purpose of the software.