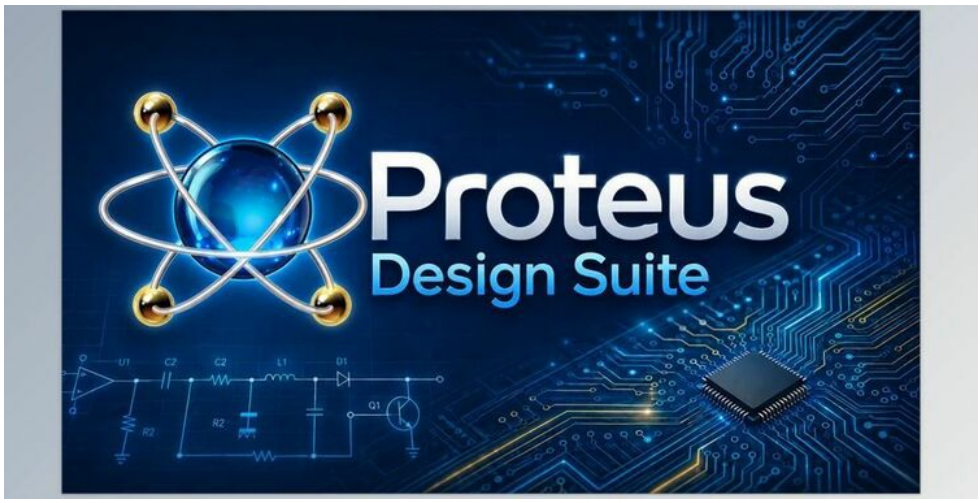
Proteus Design Suite v9.1 SP2 for Win

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Proteus Design Suite is a full-featured electronics design software package for the creation, testing, and production of professional-quality printed circuit boards. It integrates PCB design, schematic capture, circuit simulation with embedded system testing, and development of IoT systems in one convenient and user-friendly environment. It will therefore be helpful for engineers, electronics designers, students, and anyone involved in circuit-based projects.

Using Proteus, you can design your circuit, simulate its behavior, troubleshoot, and then create the PCB layout before fabricating a real circuit board. This saves time in the design process, minimizes errors, and ensures the final design is accurate. It even works with embedded systems, Arduino™, Raspberry Pi®, and IoT projects, helping users develop and prototype connected projects before deployment.

The major improvements of **Proteus Design Suite** include increased speed, performance, and productivity. It is enhanced with a new 64-bit application framework, faster PCB zone regeneration, improved library management, live graphing, improved probing tools, and advanced board analysis features. In addition, Proteus contains AI features like ProPilot and ProTutor for circuit guidance, calculations, coding, debugging, and learning.

Key Features of **Proteus Design Suite**:

1. **PCB Design** — Create professional circuit boards using integrated schematic capture and PCB layout tools.
2. **Circuit Simulation** — Test circuits virtually before building a real prototype, helping reduce errors and save development time.
3. **Embedded System Simulation** — Design, test, and debug embedded systems directly inside the schematic environment.
4. **IoT Builder** — Build Arduino™ and Raspberry Pi®-based appliances and control them remotely through a phone or web browser.
5. **Proteus 9 Performance Upgrade** — Enjoy faster performance with a new 64-bit framework and improved processing across the software.
6. **Live Graphing** — View real-time circuit behavior directly on the schematic while testing and simulating.
7. **System Scope with Live Probing** — Analyze signals and circuit activity more easily during simulation.
8. **Managed Library Workflow** — Organize and manage electronic components and libraries more efficiently.
9. **Via Inspector Tool** — Check and analyze PCB vias to improve board quality and reliability.
10. **AI-Powered Design Support** — Use ProPilot for professional circuit guidance, calculations, fault finding, firmware help, and debugging.
11. **AI Learning Assistant** — Use ProTutor for educational guidance, circuit-aware hints, theory support, and skill-building assistance.
12. **Flexible AI Engine Support** — Connect Proteus AI tools to GPT, Claude, DeepSeek, or custom AI models depending on your needs.

版本列表

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