



# Proteus Platinum Edition

The Ultimate Proteus product.

## Summary

Proteus Platinum is the ultimate Proteus product and contains all of the product modules that we sell. This includes:

- All of our PCB Design features - top of the range PCB module.
- High Speed design and differential pairs support
- Shape based Autorouter
- Built-in access to millions of ready-made library parts and footprints.
- ProSPICE professional simulation engine
- All of our Proteus VSM microcontroller families (over 750 processor models).
- All of our Visual Designer and IoT Builder product modules.

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## PCB Features

PCB Design in Proteus Platinum has unlimited design capacity and includes all available PCB features.

- True Hierarchical Schematic Design.
- Fully Customisable Bill of Materials Reporting Module.
- Interactive Design Explorer with Cross Probing.
- Support for product Assembly Variants.
- Dedicated Reporting Module (Project Notes).
- Formal Design Re-use with Project Clips/Design Snippets.
- Integrated Library Part Import Tools.
- 3D Board Visualisation.
- Gerber X2, ODB++, IDF, PDF, STEP and IGES Output Formats.
- Adaptive Shape Based Autorouter in scriptable or interactive mode.
- Hardware Accelerated Display with Layer Transparency.
- Comprehensive Design Rule Configuration.
- Design Rule Aware Interactive Routing.
- Adaptive Shape Based Autorouter.
- Automatic Power Plane Generation.
- Differential Pair Routing Support
- Gerber Export.
- Automatic Length Matching / Net tuning of routes.
- Multiple Power Planes per Layer (e.g. an Analog Ground and Digital Ground).
- User drawn Power Planes of specific dimensions.

- Dynamic Teardrops.

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## VSM Families

The Platinum Version includes all the microcontroller variants that we support, across every family, architecture and silicon vendor. This includes :

- Proteus VSM for Microchip Technologies™ PIC10, 12, 16, 18, 24 and dsPIC33.
- Proteus VSM for Atmel® AVR® and Arduino™ AVR®.
- Proteus VSM for Texas Instruments™ MSP430® and PICCOLO®.
- Proteus VSM for NXP 8051 variants.
- Proteus VSM for all ARM® LPC2000, ARM® Cortex™-M0, ARM® Cortex™-M3 and Cortex™-M4 variants.



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## Other Modules

In addition to the unlimited PCB Layout and VSM Simulation software the Platinum Version also includes all of our supporting modules as standard, including:

- Visual Designer for Arduino™ AVR®.
- Visual Designer for Raspberry Pi®.
- Proteus IoT Builder.
- Advanced Simulation Features.
- USB Simulation Support.
- All Embedded Peripherals Libraries.

With continual development on the Proteus Design Suite we endeavour to keep all content updated with the latest product details. On rare occasions this may not happen immediately, and website content will then be incomplete or inaccurate. We will attempt to correct any such errors as soon as possible, E&OE.