



# PROTEUS V9.1

## NOW RELEASED!

### Introduction

Proteus 9.1 introduces ProPilot™, a powerful design assistant embedded directly inside the software. It understands your schematic context and can instantly provide circuit calculations, formulae, and component data.

ProPilot helps with analysis, tuning, and fault diagnosis — always ready with insight, suggestions, or intelligent questions. It's like having a junior engineer built into your design environment.

PCB tools also see improvements, including integrated support for external repositories in Library Manager and new silkscreen clearance rules for silk to exposed copper and silk to silk.

### Main Features



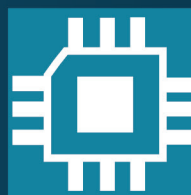
#### EDAi Assistant

Integrated AI help for schematic analysis, calculations, code generation and diagnostics.



#### Multi Model Support

Choose from the top AI models with cost and performance flexibility.

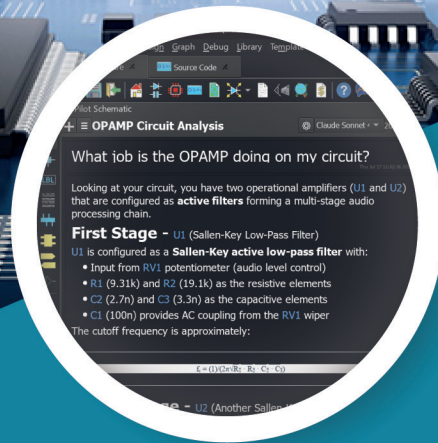


#### PCB Design

Repo Support in Library Manager and new silkscreen DRC rules.



# PROTEUS DESIGN SUITE



## Your AI Assistant

ProPilot understands your design context and actively contributes to engineering decisions. It performs circuit calculations, derives formulas, checks transfer functions, and assists with design optimisation or tuning.

Need help selecting timing components or determining cut-off frequency? It delivers both method and maths. It can also provide datasheet summaries and identify power or clearance concerns — all tied to specific schematic elements for interactive navigation and review.

## Embedded Code

ProPilot can generate embedded code directly within the VSM Studio IDE, using its understanding of the schematic to tailor suggestions to your specific hardware configuration. It can analyse microcontroller pin connections and connected electronics, making it a powerful productivity tool for embedded firmware development.

For example, if your schematic includes an I2C temperature sensor connected to specific MCU pins, ProPilot can suggest or generate the correct peripheral setup code and initialisation routine based on that exact connection.

## Other PCB Features

Silkscreen DRC rules, integrated repo support in library manager and much more...

## Introducing EDAi

Proteus 9.1 delivers built in AI capability with the introduction of ProPilot. ProPilot integrates directly into the design environment via a chat window, with access to schematic context, design metadata, and simulation settings.

It assists with circuit analysis, calculation, and design exploration. From analog stages to embedded systems, EDAi brings intelligent, context-aware assistance that enhances design accuracy, reduces trial-and-error, and streamlines development across the product lifecycle.

## Multi Model Support

ProPilot works with a range of leading LLM providers including OpenAI, Anthropic and DeepSeek. You can select your preferred provider and model, enter your API key, and start using the assistant directly inside Proteus.

Most providers offer a free trial, and ongoing usage costs are generally modest — less than \$1 a day in 'typical use'. Labcenter does not charge for ProPilot itself, so you're free to choose a model based on your performance and budget requirements.

## Version 9.1 ProPilot videos:

- [Getting Started](#)
- [Code Editing](#)

- [Design Analysis](#)