Professional PCB Design Tool, Ready to Pick Up and Go

## Overview

Part of what you do requires designing electronics, but PCB design is not the only focus for you and your company. You need an easy-to-use PCB design tool that you can pick up and design with when you need it that is also powerful enough for professional use. CircuitStudio is built on 25 years of Altium R&D experience and features a modern interface so you can get your design done faster and easier.

## Key Features and Benefits

### Streamlined and Easy-to-Use Interface

When it comes time to design a PCB, you need to be able to instantly get to work on the task at hand. CircuitStudio gives you an intuitive, streamlined interface to help you get the job done quickly and efficiently.

### Powerful Native 3D PCB Editing

Your designs don't exist in two dimensions, and more than ever, you need to take mechanical constraints into account when designing your PCB. Native 3D PCB editing in CircuitStudio lets you visualize, navigate and edit your board as it appears in the real world.

- Powerful PCB design engine gives you the freedom to quickly layout and route your board

- View and navigate your board in Native 3D to verify mechanical form

- Directly integrate 3D STEP models for component bodies and mechanical housings

- A comprehensive PCB rule system allows you to constrain your design as you need and design rule checking will verify that your board meets those specifications

- Interactive pin swapping with managed synchronization with your schematic

### Straight-Forward Schematic Capture and Project Management Tools

You need the tools to fully manage and outline your projects starting with the schematic capture. CircuitStudio gives you the flexibility to create detailed and comprehensive schematic designs from the outset, and quickly synchronize them with a PCB for board layout.

- Streamlined schematic editing engine gives you all the tools to capture your design before board layout

- Create complete multi-sheet and hierarchical schematic designs

- Mixed mode simulation capabilities are included right from inside the tool

- Add revision control to your projects and documents with version control support

- Easily bring in existing designs using the EAGLE™ importer for projects and libraries

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