

Altium Designer User Manual

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The detailed content that explains how to design in Altium is in the Exploring Altium Designer section. Use the Navigation pane to explore the content; click the control to collapse the pane if you want more screen area. Within a page you can browse using the page-level Contents pane that presents at the top of most high-level pages.

[Using Altium Documentation | User Manual | Documentation](#)

The unified nature of Altium Designer allows for seamless movement of design data from one design realm to the next, but to begin with, the perceived steep learning curve can appear a formidable blockade to this productivity-enhancing landscape, and the wealth of features it contains.

[Altium Designer Documentation | Altium Designer 20.2 User ...](#)

A user is simply a person who it is intended will use a licensed seat of an Altium Design solution. Users can access various features and capabilities within the AltiumLive community, determined through the relationship they have with their parent organization. [Top-Level Listing of Users](#)

[Managing Users | Altium Designer 20.2 User Manual ...](#)

Altium Designer provides powerful, high-integrity board design release management. The board design release process is automated, enabling you to release your board design projects without the risks associated with manual release procedures.

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Altium Designer Guide Beginning & Intermediate Version [Glenn Mercier mercierg@unlv.nevada.edu](#) [Research Engineer, TBE-B311 University of Las Vegas, Nevada. Part 1: Beginning Guide](#) This guide is a beginner's guide to PCB design using Altium Designer and is geared towards the following individuals: Possess ample theoretical electronics knowledge Has little or no PCB design experience Has little ...

[Altium Designer Guide](#)

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This version of Altium Designer has been optimized for use with DirectX 10, and requires a graphics card that supports this. Altium has chosen DirectX rather than OpenGL for its graphics engine, which has become the preferred standard for gaming graphics cards. An advantage of this choice is the fact that gaming cards are often significantly less expensive than workstation cards of equivalent ...

[System Requirements | Altium Designer 20.2 User Manual ...](#)

Altium Designer includes the capability to import KiCad ® files through the Import Wizard. The Wizard is a quick and simple way to convert KiCad design files to Altium Designer files. The Wizard walks you through the import process and handles both the schematic and PCB parts of the project, as well as managing the relationship between them.

[KiCad Import | Altium Designer 20.2 User Manual ...](#)

Altium's GuideBooks provide in-depth insights and education for PCB Design. [Altium 365 Getting Started User Guide - Available Now](#) [Hi Everyone, A month ago, I announced the release of the Altium Designer Getting Started User Guide. This week we are following up with the release of another helpful guide: Altium 365 Getting Started User Guide.](#)

[Guide Books | PCB Design Resources | Altium.com](#)

Altium Designer 13/12/10 still caters for access to these PDF Learning Guides through internal navigation pages and the Knowledge Center panel. PDF documents can be searched, set the search scope to Search Local Documents at the bottom of the Knowledge Center panel. These Learning Guides fall into one of two categories:

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Altium Designer includes tools for all design tasks: from schematic and HDL design capture, circuit simulation, signal integrity analysis, PCB design, and FPGA-based embedded system design and development. In addition, the Altium Designer environment can be customized to meet a wide variety of user requirements.

[Module 1: Getting Started With Altium Designer](#)

Within Altium Designer, the F1 shortcut is definitely worth getting acquainted with. Hover the mouse over anything inside the software's environment - a button, command, dialog, panel, designobject, or Query Language function/keyword - and press F1 to access documentation for it. F1 also works for specific pages in the Preferences dialog, and...

[Altium Designer 18 Tutorial Pdf - 10/2020](#)

Initial installation of Altium Designer is performed using the Altium Designer Installer. This wizard-based installer is accessed by running a small (approx. 23.2MB) executable - [AltiumDesignerSetup<Version>.exe](#). This executable is downloaded from the Downloads page of the Altium website and can be saved anywhere on your hard disk.

[System Installation, Licensing & Management | Altium ...](#)

• Jan 30 Altium I (Design Capture + Simulation) • Feb 6 Altium II (PCB Layout) • Mar 13 Guest Lecture -PCB Production • Support & submission instructions posted here [Mechanical and PCB design support available 2hrs per lab session, rooms MCLD315,306 Mon: 13:00-15:00 / 16:00-18:00 Tue : 09:00-11:00 / 12:00-14:00 / 16:00-18:00 Wed: 13:00-15:00 / 16:00-18:00 Tue : 09:00-11:00 / 12:00-14](#)

[Altium I \(Circuit Design & Simulation\)](#)

Altium Designer's CAMtastic Editor offers a variety of tools, the most basic of which are for viewing and editing CAM data. Once image and drill files have been imported, the CAMtastic Editor can receive instructions determining layer types and stackup, at which point a netlist can be extracted and compared with an IPC netlist generated from the original PCB design software.

[CAMtastic | Online Documentation for Altium Products](#)

Altium Designer includes the ability to check for, download or automatically install updates from within the Altium Designer software. This is configured in the Altium Designer Preferences panel. To be able to check for web updates, you will need to sign into your account using your SUPPORTcenter credentials. 2.

[Altium Designer Summer 09 - Downloads | Online ...](#)

Using Net Ties to Meet PCB Design Requirements [The Net Tie is a Component Type that allows PCB Engineers and Designers flexibility when Handling a Variety of Design Challenges. This Paper Explores the Advantages to using Net Ties in Altium Designer to Join Multiple Nets \(shorts\) Into One Single Net at Very specific Locations in the PCB.](#)

[Whitepapers | PCB Design Resources | Altium.com](#)

Altium Designer is an electronic design automation software package for printed circuit board, FPGA and embedded software design, and associated library and release management automation. A Printed Circuit Board (PCB) mechanically supports and electrically connects electric components using conductive tracks, pads and other features

[Altium Designer Tutorial Pdf - 10/2020 - Course f](#)

Altium's design software is probably just one of many engineering design environments that you work with, or need to interface to. Perhaps you need to interface to another design and analysis platform to perform a power simulation, or perhaps you need to import an older design that was developed in another design environment. Whatever the reason, it's likely that one day you'll need to be able ...

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