



## A UNIFIED SYSTEM FOR PCB DESIGN

Altium Designer® provides a unified PCB design environment to implement your entire PCB design process. From concept through manufacturing. A modern user interface enables it easy to learn and enjoyable to use.

The unified workflow in Altium Designer® provides a consistent user experience throughout the entire product creation process while maintaining a single, clean dataset. You get uninterrupted workflow from schematic capture, board construction, manufacturing, BOM data management, component management, and project release management without the effort of switching between design tools.

Additional products can be added to enhance functionality through the Altium Ecosystem platform. Extensions are available for design reuse, PCB process and product specialized capability, such as power integrity analysis.

AltiumDesigner helps manage the technical parts of the job with powerful features, such as tracking and integration into your design process, real-time document management, and Altium Designer® PCB design in one window. Using your own personal setup, there's nothing about process that's not designed for you.

Altium Designer® leverages over 30 years of EDA software development to provide innovative technologies, including: PCB schematic capture, PCB layout, rigid-flex board layout, and design.

## SCHEMATIC CAPTURE

Every PCB design starts with a schematic. Whether you are starting from scratch or working on existing designs, schematic capture is fast and intuitive with the modern user interface. Import designs from PCB design packages and get started on your existing designs immediately. Altium Designer maintains a two-way connection between your schematics and PCB boardfiles to unified interface throughout the design process, improving productivity and enabling cross-referencing between schematic and PCB layout.

### Design Importers

Sharing your design with others is important for every company. Schematic re-importing, rebooleans, table of layouts, and schematic design rules with an automatic import of project files from P-CAD® (EAGLE®), CADSTAR® (PADS®), Xpedition® (VX) design, Mentor® (Protel®), KiCAD® (KiCAD®), and Allegro® (Mentor Graphics®) tools can make it easy to share any of your work and your own unique workflow with anyone in your system.

### Schematic Cross-References

With cross-referencing, when you select an object on one schematic, that object is selected on your other sheet, even if it's not sharing a common PCB. This makes it easy to identify the parts and components that you can't see on your PCB. It gives you the clearest, easiest visibility implementation of your hierarchical library management between multiple files. If your design project has cross-referencing, then every design object, that's like results in the metal, can be found in the schematic environment.



Clicks inside your schematic for XACT® PCB layout

# Altium Designer Training Manual

**Vincent Himpe**

## Altium Designer Training Manual:

**Altium Designer 18 Boot Camp Training** Nine Dot Connects LLC,2018-05-09 Nine Dot Connects Basic Training manual for Altium Designer 18 users    **Visual Basic for Electronics Engineering Applications** Vincent Himpe,2006 Intended for those people who want to control existing or self built hardware from their computer This book shows you advanced things like using tools like Debug to find hardware addresses setting up remote communication using TCP IP and UDP sockets and even writing your own internet servers    [Proceedings of the 2023 4th International Conference on Education, Knowledge and Information Management \(ICEKIM 2023\)](#) Xueming Yuan,Yohannes Kurniawan,Zhenyan Ji,2023-06-29 This is an open access book With the successful experience of the past 3 years we believe that the 2023 4th International Conference on Education Knowledge and Information Management ICEKIM 2023 will be an even greater success in 2023 and welcome all scholars and experts to submit their papers for the conference The 2023 4th International Conference on Education Knowledge and Information Management ICEKIM 2023 will be held on January 13 15 2023 in Zhengzhou China In the era of information explosion there is no doubt that education is an important way of knowledge production dissemination and diffusion Education plays an important role in promoting human development and promoting the development of society and human knowledge ICEKIM 2023 is to bring together innovative academics and industrial experts in the field of Education Knowledge and Information Management to a common forum The primary goal of the conference is to promote research and developmental activities in Education Knowledge and Information Management and another goal is to promote scientific information interchange between researchers developers engineers students and practitioners working all around the world The conference will be held every year to make it an ideal platform for people to share views and experiences in international conference on Education Knowledge and Information Management and related areas    **Machine Design** ,1994    **Altium Designer Boot Camp Training** Nine Dot Connects LLC,2016-07-25    **EDN, Electrical Design News** ,2002    **Fast PCB Design with Altium Designer** Majid Pakdel,2021-07-31 In this book a complete PCB design project is implemented and the necessary points in schematic and PCB design in Altium Designer 20 software environment are covered in different chapters    [Altium Designer Libraries Training](#) Nine Dot Connects LLC,2016-10-11    [Altium Designer Spec Ops Training](#) Nine Dot Connects LLC,2016-08-15    **The Advertising Red Books** ,2007-10    **Altium Designer 18 Spec Ops Training** Nine Dot Connects LLC,2018-05-20    [Altium Designer Schematics Training](#) Nine Dot Connects LLC,2016-09-15    [Altium Designer 6](#) Altium,2005    **Altium Designer 6** ,2005    **Circuit Board Design Systems** International Business Machines Corporation,1984    **Advanced part design** ,1996    [Training Manual for Fabrication of Printed-circuit Boards](#) C. A. Nelson,T. W. Yannitell,S. J. Rudnick,Argonne National Laboratory. Electronics Division,1970    **Master Designer 6.0** ,1992    **Altium Designer 13 Dian lu she ji ru men yu ti gao** 电子,2013    **ProENGINEER basic design training guide** ,1996

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