

Build Your Own Printed Circuit Board

By Al Williams

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Build Your Own Printed Circuit Board By Al Williams

Covers every part of the process behind printed circuit board creation, from design schematics, sizing, layout, autorouting, and fabrication.

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Editorial Review

From the Back Cover
***FREE* PCB SOFTWARE!**

The EagleCAD light software inside does all the tasks described in this book -- schematic capture, layout, and autorouting. Run it on Windows or Linux.

DESIGN TO PRODUCTION -- EVERYTHING YOU NEED TO MAKE YOUR OWN PCBs

With *Build Your Own Printed Circuit Board,* you can eliminate or reduce your company's reliance on outsourcing to board houses, and cut costs significantly. Perfect for advanced electronics hobbyists as well, this easy-to-follow guide is by far the most up-to-date source on making PCBs. Complete in itself, the handbook even gives you PCB CAD software, on CD, ready to run on either Windows or Linux. (Some PCB software costs from $10,000 to $15,000!)

STEP-BY-STEP DIRECTIONS, AND A PRACTICE RUNTHROUGH

Written by a PCB designer and electronics expert, *Build Your Own Printed Circuit Board* gives you absolutely everything you need to design and construct a professional-looking prototype or production-ready PCB files with modern CAD tools.

You get:
* Instructions for every phase of project flow, from design schematics, sizing, layout, and autorouting fabrication
* The latest in PCB tips, tricks, and techniques
* Cutting-edge tactics for shrinking boards
* Guidance on generating CAM (computer-aided manufacturing) files to produce the board yourself or send it out
* A sample project, demonstrating all the book's techniques, that you can build and use in practical applications
* Discussions on using service bureaus to produce designs
* Expert comparison of CAD program options

THE BEST GUIDE TO BUILDING YOUR OWN PCBs!

About the Author
Al Williams (Houston, TX) is the author of 18 books, including many programming titles, as well as *Embedded Internet Design,* also published by McGraw-Hill. An electronics professional for over 20 years, he is principal of his own company, AWC, which produces hardware modules for microcontroller developers. Mr. Williams also designs PCBs for a wide array of clients.

Users Review

From reader reviews:

William Sebastian:

Now a day individuals who Living in the era where everything reachable by interact with the internet and the resources included can be true or not call for people to be aware of each data they get. How people have to be smart in acquiring any information nowadays? Of course the reply is reading a book. Reading through a book can help folks out of this uncertainty Information especially this Build Your Own Printed Circuit Board book because book offers you rich info and knowledge. Of course the information in this book hundred pct guarantees there is no doubt in it you probably know this.

David Musick:

People live in this new moment of lifestyle always aim to and must have the time or they will get large amount of stress from both everyday life and work. So , once we ask do people have free time, we will say absolutely of course. People is human not really a huge robot. Then we inquire again, what kind of activity are there when the spare time coming to you of course your answer will probably unlimited right. Then do you ever try this one, reading books. It can be your alternative inside spending your spare time, typically the book you have read will be Build Your Own Printed Circuit Board.

Jessica Jennings:

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Phil Garcia:

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