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# Fritzing For Inventors: Take Your Electronics Project From Prototype To Product



## Synopsis

In this TAB book, bestselling electronics author Simon Monk shows maker-entrepreneurs how to use Fritzing's open-source software and services to create electronics prototypes, design and manufacture printed circuit boards (PCBs), and bring professional-quality electronic products to market. Fritzing for Inventors: Take Your Electronics Project from Prototype to Product explains how to use this set of free, open-source electronics prototyping tools to lay out breadboards, create schematics, and design professional-quality printed circuit boards (PCBs). No engineering skills needed! Whether you're a hobbyist, artist, inventor, or student, you'll be able to develop a product from schematic to prototype to professional-quality printed circuit board, all from one easy-to-use software package. Fritzing works well with prototyping boards such as Arduino, Raspberry Pi, and BeagleBone. This DIY guide covers the whole lifecycle of product development for a hobbyist entrepreneur. It takes you from initial concept, to prototyping, to PCB production, to distribution. Along the way, it examines the sourcing of components, product testing, and even how to price products for wholesale and retail. Simon Monk is a bestselling TAB electronics author and popular presenter at MakerFaires Well-illustrated tutorial with screen captures, easy-to-follow instructions, and step-by-step projects Describes an up-to-date contemporary approach to PCB design, including surface-mount designs Explains how to become a maker entrepreneur by using crowdfunding and indie marketplaces for technical products

## Book Information

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## Customer Reviews

So you are a hobbyist like me or just starting out in electronics. You want to get your circuit onto a breadboard or some Veroboard. Fritzing is probably the best answer. Trouble is that it has quite a learning curve. You may take weeks to get up to speed. This book will help reduce that time battling the software so you can do more building. Because the software has 3 views, you can get your circuit right more often and quicker, but only if you know how. The book explains how in simple language with good examples. The book also shows how to easily optimise your circuit. It also shows you how to design simple PCBs and send them out to be made (or make them yourself). So why only four stars. The software is based on electronic modules from their sponsors rather than more versatile and cheaper discrete parts that are more widely available. The book does address this in part but that section is complex and not as well written as the rest of the book. Overall this is a very good book for the intermediate dabbler and student.

Making a product? No, this is about a beginning hobbyist making a PCB with a substandard schematic/pcb layout software. How is a hand assembled pcb a product? Its not. Monk is a brilliantly good writer, but this is being mis-marketed and is mis-titled. It should be titled "Fritzing- Wireless Breadboarding to PCB for Beginners". I would give that book 4 stars. I think Fritzing is a bad program and agree with this review.

[hackaday.com/.../creating-a-pcb-in-everything-friends-dont-let-friends-use-fritzing/](http://hackaday.com/.../creating-a-pcb-in-everything-friends-dont-let-friends-use-fritzing/) The focus is on a graphical representation of a solderless breadboard, which is nice for children but unnecessary for adults. The creation of new schematic and pcb layout graphics is a normal part of doing anything non-trivial. It does not have a simple graphics editor to do this! If you'd like to learn to make a solderless breadboard of your own circuit, and then make a printed circuit board, this might be a good book for you. Again, Monk is a marvelous writer and my beef is the content of the book is being misrepresented. Some of that blame is his, but mostly, the publisher.

I started reading it everyday and enjoying what I can learn from this book. It was well written. I am

lucky to have found this book made for makers like me.

A good introduction to Fritzing. Easier to follow than online tutorials. Usual Simon Monk quality.

Great Book! Very detailed in its explanations of Fritzing and well organized.

Very informative & exactly as advertised. A good buy!

Got it mainly for an explanation of a simple but not obvious feature that no one in the forum could answer! The book from who I thought should know had only one paragraph, no real explanation!

Extremely helpful book. Full of practical knowledge in an easily understandable format.

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