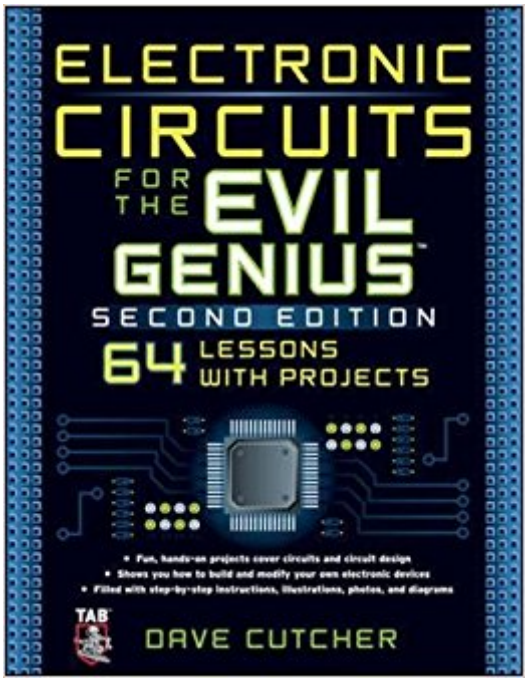
Electronic Circuits For The Evil Genius 2/E



Synopsis

The Fiendishly Fun Way to Master Electronic Circuits! Fully updated throughout, this wickedly inventive guide introduces electronic circuits and circuit design, both analog and digital, through a series of projects you'll complete one simple lesson at a time. The separate lessons build on each other and add up to projects you can put to practical use. You don't need to know anything about electronics to get started. A pre-assembled kit, which includes all the components and PC boards to complete the book projects, is available separately from ABRA electronics on . Using easy-to-find components and equipment, Electronic Circuits for the Evil Genius, Second Edition, provides hours of rewarding--and slightly twisted--fun. You'll gain valuable experience in circuit construction and design as you test, modify, and observe your results--skills you can put to work in other exciting circuit-building projects. Electronic Circuits for the Evil Genius: Features step-by-step instructions and helpful illustrations Provides tips for customizing the projects Covers the underlying electronics principles behind the projects Removes the frustration factor--all required parts are listed, along with sources Build these and other devious devices: Automatic night light Light-sensitive switch Along-to-digital converter Voltage-controlled oscillator Op amp-controlled power amplifier Burglar alarm Logic gate-based toy Two-way intercom using transistors and op amps Each fun, inexpensive Genius project includes a detailed list of materials, sources for parts, schematics, and lots of clear, well-illustrated instructions for easy assembly. The larger workbook-style layout and convenient two-column format make following the step-by-step instructions a breeze. Make Great Stuff! TAB, an imprint of McGraw-Hill Professional, is a leading publisher of DIY technology books for makers, hackers, and electronics hobbyists.

Book Information

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Customer Reviews

Dave Cutcher is a former technology and industrial education teacher who designed his own hands-on courses, which resulted in great classroom success and became the basis of the first edition of this book. He currently writes for hobbyist publications such as MAKE Magazine.

For me, I've never been good at just reading formulas and theories and comprehending them. This book has you breadboard circuits, via diagrams, and then explains the functioning of what you just built. This is perfect for someone who learns better via hands on learning than strictly book learning. It also has kits of parts that can be purchased to make all the projects in the book. Thank you Dave Cutcher for making learning more enjoyable. NOTHING IS BETTER THAN LEARNING THROUGH DOING!

Reviews here and all over the web tell you that you need the "companion" parts kit, but not where to find it. Once you buy the book, or any others in this series, go to abra-electronics dot com and search "evil genius electronic kit 2E" and the whole kit will come right up. It is NOT available on as some reviews of some editions have said, at least at this 2013 writing. At least you now know the keywords.This is an outstanding book and the often noted errors are really minor! I haven't found a single circuit book anywhere that doesn't have some level of errors. You can download circuit apps for your smartphone or free SPICE emulators - circuit sims to check for errors, which is part of the learning experience and process. The author's website also shows errata, and the publisher actually gets back to you right away with any questions, service is great. Check out keyword Raspberry Pi here on too for the latest craze in microprocessor builds.Library Picks always buys the items we review and we have nothing to do with , authors or publishers. Our reviews are strictly to help shoppers.

I've read other books(Gibilisco and a college text), but they left me a desire to see the theory in action. With this book and the companion website you see nice animated demos on the website that make it very clear, and you start building basic circuits right from the beginning. For me learning by doing makes the theory click, and that exactly what this book does. Yes there are a few typos here

and there but there is errata on the companion website, but great book overall and the projects are fun to build. Would recommend this to any beginner or intermediate electronics students.

A++

High quality and delivered on time.

I am just learning about electronics and have a few other books. This is by far the best, for me, as it has LOTS of hands on exercises. If you are a 'learn by doing' person, this book is an excellent choice.

This book has been terrific for me. (I also bought the corresponding components kit, which was not at all cheap.) I'd love to find additional books (preferably by this author) which are equally successful in teaching concepts using hands-on components. I do have other "Evil Genius" books but this one is by far the most effective one for me.

I have a few books to begin my study of electronics. This one looks like it it'll be really useful.

un sito non ufficiale dedicato all’universo di Resident Evil) (Italian Edition) Mister Descartes and His Evil Genius (Plato & Co.)