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Electronic Formulas, Symbols & Circuits

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DESCRIPTION

Forrest M. Mims III has written more than sixty books about science, lasers, computers, and electronics. In 1993, He received a prestigious Rolex Award for computers, and electronics. In 1993, He received a prestigious Rolex Award f a simple instrument that he developed to measure the ozone layer. He is a member of the Institute of Electrical and Electronics Engineers (IEEE), the National Science Teachers Association, the Texas Academy of Science and many scientific organizations. When this guy put together a set of electronics reference books, we were excited to get them. The Engineer's Mini Notebook series is a set of four handbooks that lay out, in plain language, the foundation of electrical and electronic knowledge. Our engineer's here at SparkFun cited several things in these books that they remembered learning in school, stuff tha turned out being really useful.

Electronic Formulas, Symbols & Circuits provides a complete, basic electronics Electronic Formulas, Symbols & Circuits provides a complete, basic electronics reference guide. Included are many frequently used electronic formulas, tables, circuit symbols, and device packages. Also featured are basic resistor and capacitor circuits, plus many circuits using piezoelectric buzzers, LEDs, FETs, and ICs. Also included are some 100 digital logic circuits ranging from simple gates and oscillators to sequencers, shift registers, and data selectors. Design and testing tips are provided to help you plan and troubleshoot your circuits.

- Author: Forrest M. Mims III
 Publisher: Master Publishing, Inc.
- · Paperback: 192 pages
- ISBN-10: 0945053304
- ISBN-13: 978-0945053309

Electronic Formulas, Symbols & Circuits Product Help and Resources

Core Skill: Electrical Prototyping

If it requires power, you need to know how much, what all the pins do, and how to hook it up. You may need to reference datasheets, schematics, and know the ins and outs of electronics.



Skill Level: Noob - You don't need to reference a datasheet, but you will need to know basic power requirements.

COMMENTS ② REVIEWS ★ ★ ★ ☆ 1

Customer Reviews ★ ★ ★ ☆ 4 out of 5

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1 of 1 found this helpful

* * * * Cood reference for beginners

about 3 years ago by Ulrich ✓ verified purchaser

This book (and the whole series) is written in a approachable manner giving beginners the building blocks of understanding and building circuits. Many of the circuits in the book could easily be replaced by a micro and some code but doing things in hardware is a good learning experience.

START SOMETHING.	
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What's on your mind?

In 2003, CU student Nate Seidle blew a power supply in his dorm room and, in lieu of a way to order easy replacements, decided to start his own company. Since then, SparkFun has been committed to sustainably helping our world achieve electronics literacy from our headquarters in Boulder, Colorado.

No matter your vision, SparkFun's products and resources are designed to make the world of electronics more accessible. In addition to over 2,000 open source components and widgets, SparkFun offers curriculum, training and online tutorials designed to help demystify the wonderful world of embedded electronics. We're here to help you start

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