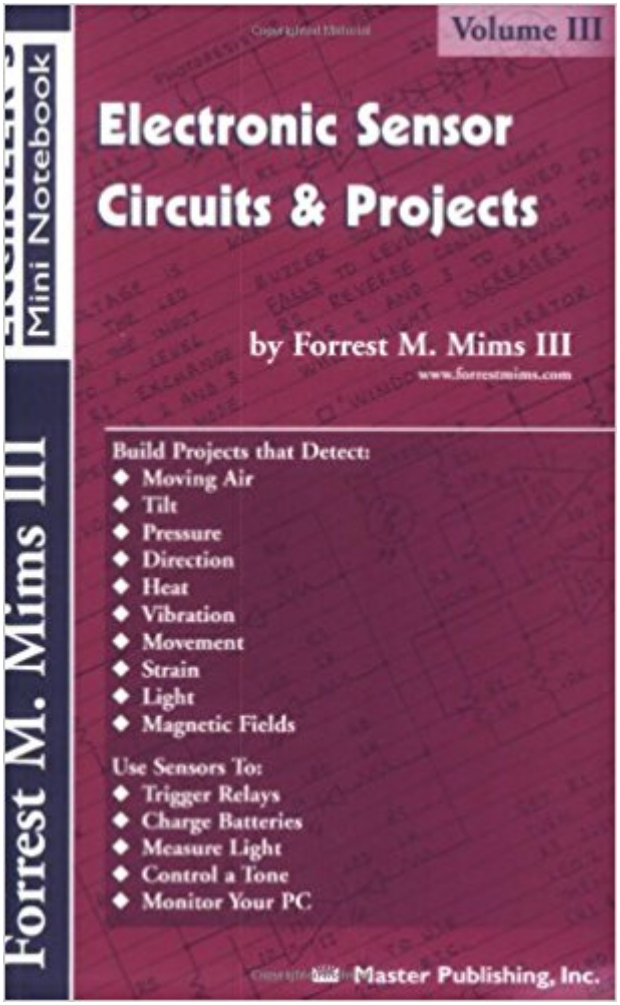
Electronic Sensor Circuits & Projects, Volume III (Engineer's Mini Notebook)



Synopsis

Electronic sensor circuits convert light, temperature, sound, and other signals into a form that can be processed by electronic circuits. Learn about solar cells, photoresistors, thermistors, and magnet switches. Then build circuits that respond to heat, pressure, light, and more. This Engineer's Mini Notebook is a compilation of three of Forrest Mims's notebooks: Sensor Projects; Solar Cell Projects; and Magnet & Magnet Sensor Projects.

Book Information

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Customer Reviews

Forrest M. Mims, III, has written dozens of books, hundreds of articles, invented scientific devices, and travelled to the for NASA. He loves to share his knowledge with eager students!

I usually dislike textbooks but Forrest Mims deserves a spot on my book shelf. I think of him as the Bob Ross of electronics. His series of books are incredibly detailed but simple enough that you don't need a math degree to understand. He gives you enough information to get you going in a well compiled, easy to follow way. Combine Forrest Mims with The Art of Electronics and you can teach yourself a great deal about circuitry. In Electronic Sensor Circuits & Projects, Forrest even shows you how to make the projects with detailed drawings and descriptions.I especially recommend this for teenagers or even kids interested in Electronics.

This is a great book for hobbyists and techies alike

Personally, I enjoied a lot this book. Eccentric, funny, interesting with an "hands on" tone it

intoduces to a good variety of sensors.I would say that this book could be addressed both to beginners who can be introduced to the subjects in an "easy" not conventional way, and to the practitioners that can find in it useful suggestions immediately directed to the heart of the problem.The subjects are explained in an "high level" way without entering in theoretical dissertation, you can find in it a brief explanation on how the sensor works and some schematics for managing the signal out from the sensor itself.I repeat, not a conventional book. You have to be aware of this if you are planning tu buy it but, to me, it deserves your attention and it is , definitely, a good book.

Great book by very knowledgeable and reliable author.

This is a well illustrated book giving the reader basic circuits, circuit symbols, component descriptions and usage. It did not provide me with the exact circuit I was wanting to make, but it gave me ideas for other projects and circuits. The notes section in the back is also useful for me to make notes and designs. Solid foundation and refresher info for the hobbyist.

This has a lot of information on magnets and solar electronics which wasn’t much help for me but there were a couple of alarm circuits in the book which I’ll use.

Neat book. Great for those who like to experiment, or need some "how to" wisdom and knowledge. I love the format of this book.

Simple, hand written, to the core, no fluff, no pork, no jabber, just straight circuit and sensor ideas.The book looks like it was all hand written in perfect engineering fashion, this is a lost art only mastered by people who have enormous patience and a twinge of super-genious.This book is a must! Even if you don’t understand electronics, the writing alone is incredible!

Synthetic Lubricants, and Applications, Volume III MINI FARMING MADE EASY FOR BEGINNERS (bonus with Home-Mushroom Guide): DIY Guide To Grow Your Own Organic Foods and Plants (Mini farming, Homesteading, ... Gardening, Mini Farming For Beginners) CMOS Digital Integrated Circuits: A First Course (Materials, Circuits and Devices) Selected Topics in RF, Analog and Mixed Signal Circuits and Systems (Tutorials in Circuits and Systems) Anime Notebook Collection: Anime Girl 16 (Manga Notebook, Journal, Diary) (Notebook Gifts) Collect Them All (Volume 16) Science Notebook: Single Subject Notebook for School Students, 120 Wide Ruled Pages, 8.5 x 11, Softcover Chalkboard Design (Science Notebook for Schools) (Volume 1) The Notebook of SUCCESS: Journal for Men to Write in. The 200-ruled-page Notebook with 100 Inspirational Quotes from The World's Most Successful Men ... (Best Self Help Notebook Diary) (Volume 1) Math Notebook: Single Subject Notebook for School Students, 120 Wide Ruled Pages, 8.5 x 11, Softcover Chalkboard Design (Math Notebook for Schools) (Volume 1) Language Arts Notebook: Single Subject Notebook for School Students, 120 Wide Ruled Pages, 8.5 x 11, Softcover Chalkboard Design (Language Arts Notebook for Schools) (Volume 1) English Notebook: Single Subject Notebook for School Students, 120 Wide Ruled Pages, 8.5 x 11, Softcover Chalkboard Design (English Notebook for Schools) (Volume 1) And So The Adventure Begins: Notebook; Travel Journal; Small Blank Lined Notebook; Colorful Abstract Watercolor Cover; Study Abroad Journal; Vacation ... Journal and Notebook Collection) (Volume 23) Blank Sheet Music - 10 Staves: Manuscript Paper Notebook / Music Staff Notebook / Blank Sheet Music Notebook (Volume 78) Jewelry International III: Volume III Foundations of Analog and Digital Electronic Circuits (The Morgan Kaufmann Series in Computer Architecture and Design) Electronic Circuits for the Evil Genius 2/E Electronic Logic Circuits