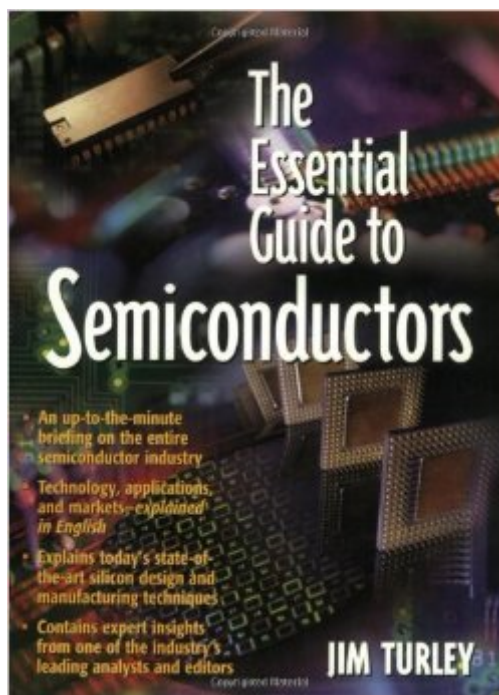


The book was found

The Essential Guide To Semiconductors



Synopsis

The Essential Guide to Semiconductors is a complete guide to the business and technology of semiconductor design and manufacturing. Conceptual enough for laypeople and non-technical investors, yet detailed enough for technical professionals, Jim Turley explains exactly how silicon chips are designed and built, illuminates key markets and opportunities, and shows how the entire industry "fits together."

Book Information

Paperback: 239 pages

Publisher: Prentice Hall; 1 edition (December 29, 2002)

Language: English

ISBN-10: 013046404X

ISBN-13: 978-0130464040

Product Dimensions: 6.9 x 0.6 x 9 inches

Shipping Weight: 11.2 ounces (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars [See all reviews](#) (11 customer reviews)

Best Sellers Rank: #641,200 in Books (See Top 100 in Books) [#104 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Semiconductors](#) [#311 in Books > Business & Money > Job Hunting & Careers > Vocational Guidance](#) [#771 in Books > Textbooks > Education > Counseling](#)

Customer Reviews

The title and editorial reviews live up to their billing (with one very minor exception - see below). As a former CEO of a software company who has been asked to consult to a fabless semiconductor design company, I needed to get up to speed on the basics of semiconductor technology as well as the value chain of the industry. This book provided the technology basics and then related it all to the general business world, something that is important to me as the company is supported by venture capitalists whose focus is both technology and economic success. The author explains technology concepts in a very readable fashion for the layman. For example, in describing FPGAs, he writes, "Programmable logic chips are like electronic Etch-a-Sketches, ready to use but not really finished. Customers imprint their own design onto them, making their own semicustom chips. . . Like a Etch-a-Sketch, you can erase the chip and start over any time you want, so there's no risk." This book provides a great overview and starting point. I've searched and bought several books related to the basics of semiconductors and found most of them to be too high-level or too much like a text

book with a lot of math exercises. This one delivers what is claimed. In fact, I rated another book 1-star, so my 5-stars for this book indicates an uninflated opinion of its helpfulness to me. A minor drawback is the editorial review claims it is sufficiently detailed for technical readers. Technical readers who want to understand the business of semicon or aspects outside of their direct field of work will likely find this book valuable, but if they are seeking technical details, there are better books out there.

[Download to continue reading...](#)

Essential Oils: Ultimate Essential Oils Guide and 89 Powerful Essential Oil Recipes! (2nd Edition) - How to Use Essential Oils for Aromatherapy and Healthy ... Loss, Essential Oil Recipes, Aromatherapy) Essential Oils: 50 Essential Oil Dog & Cat Recipes From My Essential Oil Private Collection: Proven Essential Oil Recipes That Work! (Essential Oil Pet Private Collection Book 1) ESSENTIAL OILS: Aromatherapy, Essential Oils For Beginners, And Essential Oil Recipes To Improve Your Health (Medicinal Herbs) (Essential oil recipes, ... Aromatherapy and essential oils Book 1) The Essential Guide to Semiconductors Essential Oils: 40 Amazing Essential Oil Recipes for Diffusers: (Diffusers, Natural Remedies) (essential oils diffusers, young living essential oils book) Essential Oils For Beginners: Essential Oils For Beginners: How To Use The Essential Oils To Maximize Your Health And Longevity (Essential Oils And Aromatherapy) (Volume 1) Essential Oils: 120+ Essential Oils Recipes For Diffusers, Aromatherapy, Natural Remedies For Skin And Hair Care: (Essential Oils For Weight Loss, Aromatherapy) ... Oils, Essential Oils For Allergie) Atomic Layer Deposition for Semiconductors Principles of Growth and Processing of Semiconductors Semiconductors: Data Handbook Semiconductors for Solar Cells (Artech House Optoelectronics Library) The Physics of Low-dimensional Semiconductors: An Introduction Contamination-Free Manufacturing for Semiconductors and Other Precision Products Epitaxy of Semiconductors: Introduction to Physical Principles (Graduate Texts in Physics) Optical Processes in Semiconductors (Prentice-Hall electrical engineering series. Solid state physical electronics series) Semiconductors and Semimetals, Vol. 19: Deep Levels, GaAs, Alloys, Photochemistry Advanced Physics of Electron Transport in Semiconductors and Nanostructures (Graduate Texts in Physics) Hot Carriers in Semiconductors Chemical Physics of Nanostructured Semiconductors Essential Oils: The Complete Guide: Essential Oils For Beginners, Aromatherapy And Essential Oil Recipes

[Dmca](#)