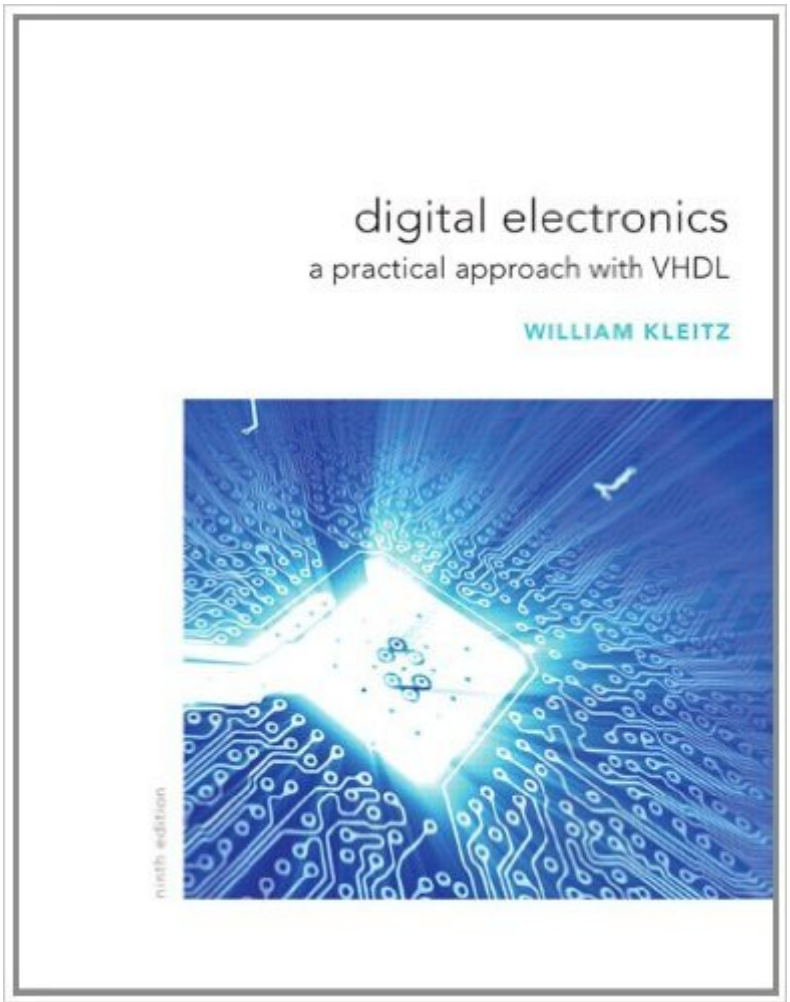
The book was found

# Digital Electronics: A Practical Approach With VHDL (9th Edition)




PDF
Adobe
DOWNLOAD EBOOK

## Synopsis

Digital Electronics: A Practical Approach with VHDL, Ninth Edition, offers students an easy-to-learn-from resource that emphasizes practical application of circuit design, operation, and troubleshooting. Over 1,000 annotated color figures help explain circuit operation or emphasize critical components and input/output criteria. Throughout the text, the author employs a step-by-step approach that takes students from theory to example to application of the concepts. Over all nine editions, Kleitz has consistently sought out student feedback, along with his own experience of teaching the course in-class and on-line, to improve each new edition.Â Â

## Book Information

Hardcover: 972 pages
Publisher: Pearson; 9 edition (July 28, 2011)
Language: English
ISBN-10: 0132543036
ISBN-13: 978-0132543033
Product Dimensions: 8.9 x 1.6 x 11.1 inches
Shipping Weight: 4.6 pounds (View shipping rates and policies)
Average Customer Review: 4.6 out of 5 starsÂ Â See all reviewsÂ (28 customer reviews)
Best Sellers Rank: #73,821 in Books (See Top 100 in Books) #28 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Digital Design #31 inÂ Books > Business & Money > Job Hunting & Careers > Vocational Guidance #53 inÂ Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Electrical

## Customer Reviews

I am not a person who is partial to text books, but Bill's book is a cut above most other texts I've used in the past. Plenty of information is provided in successive pieces, with very little to no unnecessary padding. There are examples following each new concept that not only challenge the student to apply what they have learned, but restate the concept in a way that is useful in a practical application rather than redundant. Reworking these examples is particularly advantageous to the student in a distance-learning environment. The book draws a lot on basic electricity concepts, but the appendix in the back (constructed like an additional chapter more than anything) provides explanations of most additional material. Overall an extremely practical reference.

This book is perhaps one of the easiest to understand, best written textbooks I've ever read. It's

ordered in a manner that every subsequent lesson is easy to follow provided the student has read up to that point. I know that should ideally be the case with every textbook, but this one really delivers as it does an excellent job in its explanations and doesn't leave any questions unanswered. I originally gave this book a 1 star review as the student wouldn't be able to access the companion resources on the Pearson website (which are also great for additional understanding). An hour with Pearson technical support was of no use. However, as you can read below, the author himself cares enough to be sure students learn everything they can from his text. To me, that's just another fine example of the quality you can expect to get here.

Bill Kleitz's new edition of his Digital Electronics Book is well worth the price. It's set up with excellent examples, easy to understand explanations and practical applications. Very well suited to on-line classes particularly when combined with his video pod casts. Bill obviously loves teaching, and it shows here. Also excellent problems at the end of each chapter. New edition includes the latest in VHDL and new technologies.

This was one of the better texts I have seen on digital electronics. The book seems to be aimed at the introductory student, and doesn't seem to expect much knowledge going in. I was not reading the book for any class, just for fun. I ended up flipping past many parts, and only reading the chapters and sections relevant to me, but I got a good feel for the text.That being said, I like it. I would recommend it to someone who was curious about digital electronics. I would not recommend it to someone interested in learning VHDL (unless they didn't know any digital electronics, then this would be a good starting point). The digital electronics is explained in the gory detail necessary for many practical introductory questions, with many figures and comments (and homework questions). This contrasts quite starkly to Horowitz and Hill's Art of Electronics, which assumes a relatively higher amount from the reader. It felt like a textbook for a class, rather than a reference I would pull out for checking something. I liked that the author referenced many traditional logic chips, and referenced their usage, which is practically valuable for people who want to make *real* things. I thought the book had only a vague smattering of VHDL, and it seemed like an afterthought to put some VHDL examples into the text.The VHDL in the text is geared towards Altera FPGAs, however, the code and references that exist for VHDL and FPGA development rarely seem to go deep enough to make this a practical problem for a student using a Xilinx chip.

Chapter 2 and I'm already getting answers to the questions I always had as a child. If you're into

electrical engineering, this is a great resource to familiarize yourself with digital logic, and the main theories before you get your hands dirty with circuit construction and analysis.

Overall I feel like it's a great book for introductory digital electronics.Pros: the book isn't just text and equations, it has a lot of good visual and graphic illustrations on the different ideas and theories. Also, it is full of detailed examples and applications of theory for both the actual devices and the software behind designing the circuits.Cons: the only slight downfall that I could say is that it lacks some of the smaller details concerning the theories and concepts, more so in the beginning when discussing the smaller components like transistors and diodes.That being said, I do not regret buying this text book at all

The book did what it was required to do, and the book came in great condition as well. The book was a requirement for the class and this rental option was the best option for me because I hate purchasing books that I won't even crack open again after the class is done with.I recommend all students to check out  for their renting purchases and it was a great price also!

The Book cover made me upset, I didnt know that they were going to send me an international version of this book. But hey everything's the same from page to page.

Download to continue reading...

Digital Electronics: A Practical Approach with VHDL (9th Edition) Shocking! Where Does Electricity Come From? Electricity and Electronics for Kids - Children's Electricity & Electronics Cryptocurrency: Guide To Digital Currency: Digital Coin Wallets With Bitcoin, Dogecoin, Litecoin, Speedcoin, Feathercoin, Fedoracoin, Infinitecoin, and ... Digital Wallets, Digital Coins Book 1) Digital Painting Techniques: Practical Techniques of Digital Art Masters (Digital Art Masters Series) The Designer's Guide to VHDL, Third Edition (Systems on Silicon) VHDL: A Starter's Guide (2nd Edition) Circuit Design and Simulation with VHDL (MIT Press) VHDL for Logic Synthesis VHDL Starter's Guide Digital Computer Electronics Photography: DSLR Photography Secrets and Tips to Taking Beautiful Digital Pictures (Photography, DSLR, cameras, digital photography, digital pictures, portrait photography, landscape photography) Photography: Complete Guide to Taking Stunning,Beautiful Digital Pictures (photography, stunning digital, great pictures, digital photography, portrait ... landscape photography, good pictures) Adsl/Vdsl Principles: A Practical and Precise Study of Asymmetric Digital Subscriber Lines and Very High Speed Digital Subscriber Lines (Macmillan Technology Series) Digital Fundamentals (9th Edition) Digital Breast Tomosynthesis: A

Practical Approach Just One Flash: A Practical Approach to Lighting for Digital Photography SuperVision and Instructional Leadership: A Developmental Approach (9th Edition) (Allyn & Bacon Educational Leadership) Essentials of Sociology, A Down-to-Earth Approach (9th Edition) Foodservice Organizations: A Managerial and Systems Approach (9th Edition) Project Management: A Managerial Approach, 9th Edition

Dmca