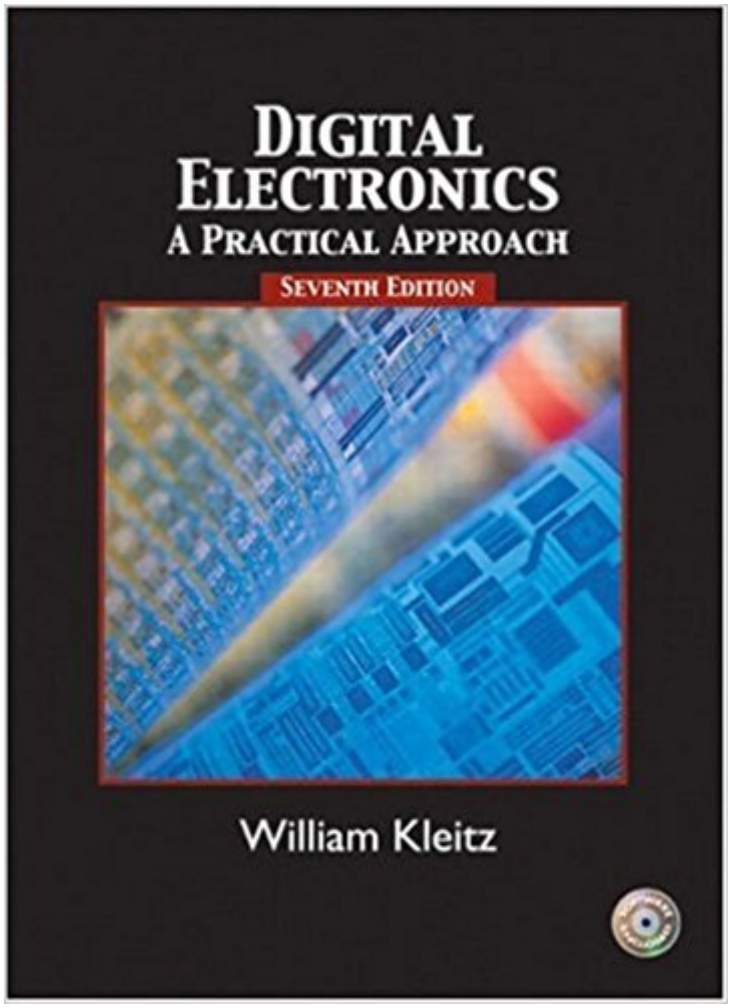
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Digital Electronics: A Practical Approach (7th Edition)



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Synopsis

This book has traditionally covered all aspects of digital electronics and is now completely updated and expanded to include coverage of xllinx and altera software; state machines; website references; and increased coverage of PLDS, memories (including optical memory systems), surface mount packaging, PC repair, etc. It is a core text for middle and low level digital courses.

Book Information

Hardcover: 928 pages

Publisher: Prentice Hall; 7 edition (July 24, 2004)

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Average Customer Review: 3.6 out of 5 stars 8 customer reviews

Best Sellers Rank: #478,609 in Books (See Top 100 in Books) #183 inÃ Â Books > Engineering & Transportation > Engineering > Electrical & Electronics > Digital Design #319 inÃ Â Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Electrical #976 inÃ Â Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics

Customer Reviews

This good have the basic explained very well but the advances contents not so much...came in a really good condition

Excellent textbook. Somewhat outdated (2006) but it is the fundamental text on digital electronics.

An acceptable approach to introduction to digital IC’s and circuits.Compares will to Floyd.

Easy enough to understand.

Its Ok. Not much there. Thin and lacking depth.

William Kleitz takes a more practical approach which will benefit you now and prepare you better for

the future, if you prefer digital over analog. Although I was forced to use Floyd's edition in college, Kleitz goes much deeper in detail for designing digital circuits taking small steps to learning, which then all come together as one. Generally speaking, all logic tables, using simple gates, their behavior appears static in all text books which are currently published. However, Kleitz reveals very interesting concepts and ideas, which appealed my interest in reading his book.My experience with troubleshooting digital circuits leads me to believe that this a better overall text, no question about it. His remarkable approach, and style of teaching should be noted by all, but with most digital textbooks, most of them don't go beyond simple logic predictions, and material that never leaves the classroom floor.If your seeking advanced digital concepts with basic fundamentals included, then your best bet, is the text I'm reviewing here today by William Kleitz.

There are several larger, hard cover text books regarding digital electronics that I like. Most of them are Prentice Hall books. You can stick with used editions printed after 2003 and get a fine piece of work for just a few dollars (formerly very expensice college texts) that is current enough for learning the core topics. This is one of the four or so that I put near the top of my list. Excellent use of color illustrations, real-life examples, etc. There might be two other books on this topic that I like better, but this is one of the classics.

Book works well in a classroom format when you have time to go over the various waveforms. The Instructor package has several useful items.

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