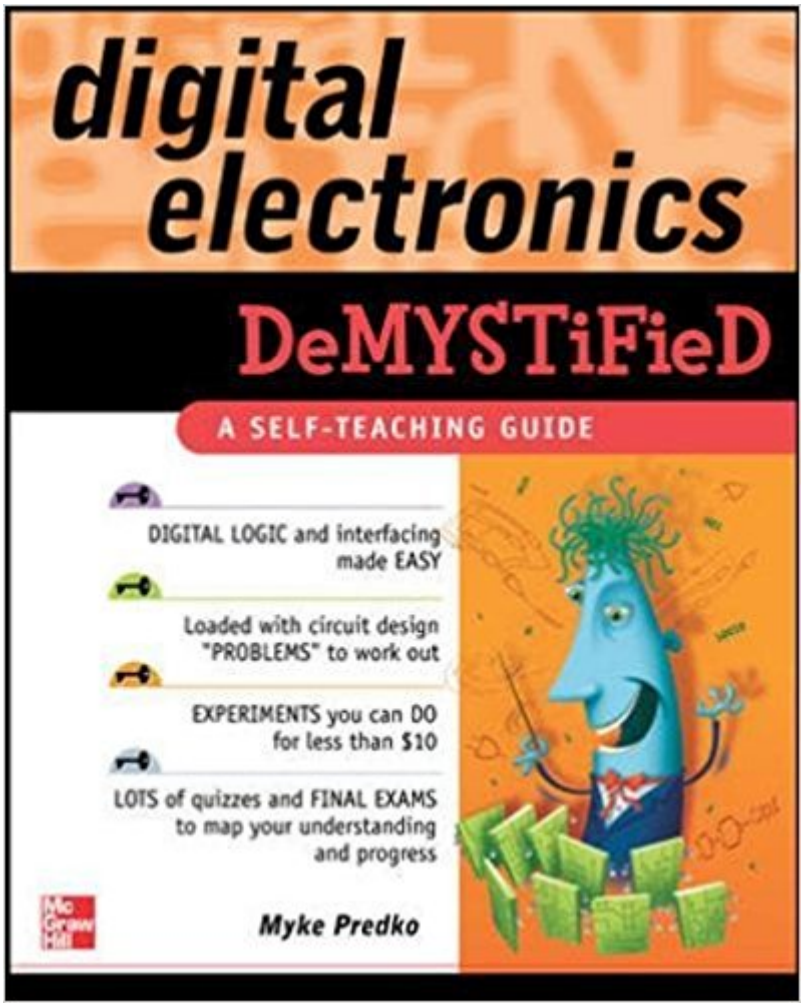
Digital Electronics Demystified



Synopsis

The field of teaching digital electronics has not changed significantly in the past 20 years. Many of the same books that first became available in the late 1970s and early 1980s are still being used as basic texts. In the 20+ years since these were written, the basic rules have not changed, but they do not provide strong links to modern electronics including CMOS logic, Programmable Logic Devices and microprocessor/microcontroller interfacing. Courses teaching introductory digital electronics will fill in the missing areas of information for students, but neither the instructors nor students have resources to explain modern technology and interfaces. One assumption made by all the standard texts is that experimenting with digital electronics cannot be done easily - in the proposed book, Ã¢â ¬Å“digital guruÃ¢â ¬Â• Myke Predko will show how readers can set up their own apparatus for experimenting with digital electronics for less than $10.

Book Information

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Customer Reviews

SWITCH ON YOUR UNDERSTANDING OF DIGITAL ELECTRONICS! Now anyone can gain a deeper understanding of digital electronics -- without formal training, unlimited time, or a genius IQ. In Digital Electronics Demystified, electronics expert and author Myke Predko provides a totally painless way to learn enough digital logic and electronics to build your own projects! With Digital Electronics Demystified, you master the subject one simple step at a time -- at your own speed. This unique guide offers problems at the end of each chapter and section to pinpoint weaknesses, and a

100-question final exam to reinforce the entire book. This entertaining self-teaching course makes it fun and easy to learn digital electronics fast. Get ready to: Learn the ins and outs of CMOS logic, Programmable Logic Devices, and microprocessor/microcontroller interfacing Rub shoulders with MML (Mickey Mouse Logic), semiconductor chips, timing devices, and other digital phenomena Understand how computers "think" Cease shying away from feedback circuits Build digital projects for less than $10 Create a marketable product Rate your progress with questions and quizzes So if you’re looking for an enjoyable route into digital logic and electronics, let Digital Electronics Demystified be your shortcut!

Myke Predko is New Technologies Test Engineer at Celestica in Toronto, Canada. He is the author of McGraw-Hill’s Programming and Customizing PICMicro Microcontrollers, Second Edition, and is a co-designer of both TAB Electronics Build Your Own Robot Kits.

Helps me understand Digital Design

Easy understanding. The way he teaches makes it less stressful and fun to read. I’d highly recommend this book. He also has several others that are just as good. I enjoy his technique!

Good book, wordy at time.

Delivers a firm understading of digital and solid state electronics.

Love these guys!

this book was fair in some respects but not very clear on many of the fundamental topics on digital electronics...

Skimming through it in the bookstore, I was attracted to this book because of its conversational style and apparently down-to-earth practicality. When I got it home and started reading closely, however, I found it to be riddled with typos, incomprehensible sentences, and incomplete explanations. The typos are not confined to the text: they also occur within the examples. So A + B gets turned into A+ !B, causing, needless to say, considerable confusion.This is a beginner’s book, which is supposed to teach the elements of digital electronics. But since the reader cannot trust its content, it fails

completely. I finally gave up on it and ordered Floyd's book on the subject.I've given the book two stars because I think it contains worthwhile advice on how to approach problems in digital electronics, but since it falls down in explaining how to implement this advice, I cannot recommend it as a learning tool.

I bought this book at you do it electronics. I have an electronic mechanics background from when I was in the US air force. The book has what looks like a great organization, with 13 chapters, self tests on each chapter and a final exam at the end. The first chapter was pretty good but had a lot of either typos or printing mistakes that could have been prevented had the author proof read the pre production edition. The quiz at the end had a few mistakes in the answers but a proof read could have prevented them. The second chapter was very confusing with more typos. The sentence structure made it difficult to understand the concepts and the text constantly referred to diagrams or figures that were on other pages. The examples used to illustrate the concepts had mistakes in them which made them incomprehensible. The quiz at the end really frustrated me. I am so disappointed that I gave up trying to learn from this book.

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