



# Digital Electronics

*By Robert Dueck, Ken Reid*

Download now

Read Online 

## Digital Electronics By Robert Dueck, Ken Reid

DIGITAL ELECTRONICS is your all-in-one guide to the exciting world of digital electronics, from basic electrical theory and digital logic to hands-on, high-tech applications. Designed to support Project Lead the Way's (PLTW) innovative DE course, this dynamic text prepares you for college and career success in STEM, (Science, Technology, Engineering, and Math). The text introduces key concepts such as electrical shop practices and electrical theory, lets you build confidence by exploring key principles and applying what you learn, and helps you develop strong skills in circuit analysis, design, and troubleshooting. A wealth of examples and exercises are included to support your learning, and many feature Multisim™ integration to help you visualize and analyze circuits--including combinational and sequential circuits--before you construct them. Other proven learning tools are provided to make mastering the material easier, including self-check problems in every chapter, "Bring it Home" questions covering the basics, and challenging "Extra Mile" problems to help you deepen your understanding and hone your skills. DIGITAL ELECTRONICS is an ideal choice to support your STEM success!

 [Download Digital Electronics ...pdf](#)

 [Read Online Digital Electronics ...pdf](#)

# Digital Electronics

*By Robert Dueck, Ken Reid*

## Digital Electronics By Robert Dueck, Ken Reid

DIGITAL ELECTRONICS is your all-in-one guide to the exciting world of digital electronics, from basic electrical theory and digital logic to hands-on, high-tech applications. Designed to support Project Lead the Way's (PLTW) innovative DE course, this dynamic text prepares you for college and career success in STEM, (Science, Technology, Engineering, and Math). The text introduces key concepts such as electrical shop practices and electrical theory, lets you build confidence by exploring key principles and applying what you learn, and helps you develop strong skills in circuit analysis, design, and troubleshooting. A wealth of examples and exercises are included to support your learning, and many feature Multisim™ integration to help you visualize and analyze circuits--including combinational and sequential circuits--before you construct them. Other proven learning tools are provided to make mastering the material easier, including self-check problems in every chapter, "Bring it Home" questions covering the basics, and challenging "Extra Mile" problems to help you deepen your understanding and hone your skills. DIGITAL ELECTRONICS is an ideal choice to support your STEM success!

## Digital Electronics By Robert Dueck, Ken Reid Bibliography

- Sales Rank: #1226777 in Books
- Brand: Brand: Cengage Learning
- Published on: 2011-09-20
- Original language: English
- Number of items: 1
- Dimensions: 11.25" h x 8.75" w x 1.00" l, 2.45 pounds
- Binding: Hardcover
- 464 pages

 [Download Digital Electronics ...pdf](#)

 [Read Online Digital Electronics ...pdf](#)

## **Editorial Review**

### **About the Author**

Robert Dueck received his B.Sc. degree in electrical engineering from the University of Manitoba in Winnipeg, Canada, and worked for several years as a design engineer at Motorola Canada in Toronto. He began teaching in 1986, specializing in digital and microcomputer subjects in the Electronics and Computer Engineering Technology programs at Seneca College in Toronto. His first book, *Fundamentals of Digital Electronics*, was published in 1994, and he has written several additional textbooks. He now teaches digital electronics and related courses at Red River College in Winnipeg. Mr. Dueck is a member of the Association of Professional Engineers and Geoscientists of Manitoba (APEGM) and the Institute of Electrical and Electronics Engineers (IEEE). He served as chair of the Winnipeg Section of IEEE in 2002 and was branch counselor of the Red River College Student Branch from 1997-2006.

Ken Reid received his B.S. degree in computer and electrical engineering from Purdue University in 1988 and his M.S.E.E. degree in 1994 from Rose-Hulman Institute of Technology. He was also one of the first in the nation to receive his Ph.D. in engineering education from Purdue University in 2009. Prior to beginning his teaching career in 1996, he worked for the U.S. Navy in electronics manufacturing research. In addition to publishing and presenting in the field, Dr. Reid has extensive experience in teaching digital electronics and computer programming, and he is currently Director of Freshman Engineering at Ohio Northern University. He is a Senior Member of the Institute of Electrical and Electronics Engineers (IEEE) and is active in the American Society of Engineering Education (ASEE).

## **Users Review**

### **From reader reviews:**

#### **Melissa Gusman:**

The book *Digital Electronics* give you a sense of feeling enjoy for your spare time. You can utilize to make your capable far more increase. Book can to get your best friend when you getting pressure or having big problem together with your subject. If you can make reading a book *Digital Electronics* to be your habit, you can get far more advantages, like add your own capable, increase your knowledge about some or all subjects. You are able to know everything if you like start and read a guide *Digital Electronics*. Kinds of book are several. It means that, science guide or encyclopedia or other folks. So , how do you think about this book?

#### **Daniel Nelson:**

Is it you who having spare time and then spend it whole day by means of watching television programs or just laying on the bed? Do you need something totally new? This *Digital Electronics* can be the answer, oh how comes? A fresh book you know. You are therefore out of date, spending your time by reading in this new era is common not a nerd activity. So what these ebooks have than the others?

**Lamar Santiago:**

As we know that book is significant thing to add our information for everything. By a e-book we can know everything we wish. A book is a pair of written, printed, illustrated as well as blank sheet. Every year seemed to be exactly added. This book Digital Electronics was filled with regards to science. Spend your extra time to add your knowledge about your technology competence. Some people has distinct feel when they reading some sort of book. If you know how big benefit of a book, you can truly feel enjoy to read a reserve. In the modern era like today, many ways to get book that you simply wanted.

**June Ortiz:**

Some people said that they feel weary when they reading a publication. They are directly felt that when they get a half portions of the book. You can choose the book Digital Electronics to make your own reading is interesting. Your current skill of reading skill is developing when you just like reading. Try to choose straightforward book to make you enjoy to see it and mingle the idea about book and studying especially. It is to be initially opinion for you to like to wide open a book and go through it. Beside that the publication Digital Electronics can to be a newly purchased friend when you're feel alone and confuse using what must you're doing of their time.

**Download and Read Online Digital Electronics By Robert Dueck,  
Ken Reid #QBAKI9J1YOP**

## **Read Digital Electronics By Robert Dueck, Ken Reid for online ebook**

Digital Electronics By Robert Dueck, Ken Reid Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Digital Electronics By Robert Dueck, Ken Reid books to read online.

### **Online Digital Electronics By Robert Dueck, Ken Reid ebook PDF download**

**Digital Electronics By Robert Dueck, Ken Reid Doc**

**Digital Electronics By Robert Dueck, Ken Reid Mobipocket**

**Digital Electronics By Robert Dueck, Ken Reid EPub**