



# Digital Electronics Guidebook: With Projects!

*By Myke Predko, Michael Predko*

Download now

Read Online ➔

**Digital Electronics Guidebook: With Projects!** By Myke Predko, Michael Predko

Unlike simpler analogue circuits, digital circuits are able to store and process bits of information needed to make logical decisions. This book is a practical guide to explaining how digital circuits are designed and interfaced. There are 20 plus projects to help explain the concepts of designing digital circuits to the reader as well as wiring them to various devices.

📄 [Download Digital Electronics Guidebook: With Projects! ...pdf](#)

📄 [Read Online Digital Electronics Guidebook: With Projects! ...pdf](#)

# Digital Electronics Guidebook: With Projects!

*By Myke Predko, Michael Predko*

**Digital Electronics Guidebook: With Projects!** By Myke Predko, Michael Predko

Unlike simpler analogue circuits, digital circuits are able to store and process bits of information needed to make logical decisions. This book is a practical guide to explaining how digital circuits are designed and interfaced. There are 20 plus projects to help explain the concepts of designing digital circuits to the reader as well as wiring them to various devices.

**Digital Electronics Guidebook: With Projects! By Myke Predko, Michael Predko Bibliography**

- Sales Rank: #2748037 in Books
- Published on: 2001-11-19
- Original language: English
- Number of items: 1
- Dimensions: 1.38" h x 7.34" w x 9.14" l,
- Binding: Paperback
- 528 pages



[Download Digital Electronics Guidebook: With Projects! ...pdf](#)



[Read Online Digital Electronics Guidebook: With Projects! ...pdf](#)

## **Download and Read Free Online Digital Electronics Guidebook: With Projects! By Myke Predko, Michael Predko**

---

### **Editorial Review**

#### **Review**

From New Literature Section: Intended for electronics hobbyists and students who want to understand digital logic, this book features more than 20 projects for designing, constructing, and interfacing TTL ("Transistor-Transistor-Logic") circuits. From constructing your own simple 8-bit computer to creating and debugging applications, the author explores the art of digital electronics through step-by-step instructions and demonstrations of project-assembly techniques.

#### **From the Back Cover**

**PACKED WITH PROJECTS, THIS BOOK HELPS YOU MASTER DIGITAL ELECTRONICS FROM THE INSIDE OUT!**

- \* Perfect for electronics hobbyists and students--even complete beginners--who want to understand digital logic and build their own low-cost logic circuits
- \* Featuring more than 20 projects with step-by-step directions for designing, constructing, and interfacing easy-to-do TTL (Transistor-Transistor Logic) circuits
- \* Everything you need to rediscover the neglected art of pure digital electronics and create working projects--even a simple computer!

#### **THE HEART OF DIGITAL ELECTRONICS**

Though ASICs (Application Specific Integrated Circuits) have largely replaced TTL chips, it is TTLs that give electronics enthusiasts the power to design and build logic circuits from scratch. The first Apple computers were run by rows and rows of TTLs--it's TTLs that expose how digital logic really works.

**THE BEST WAY TO EXPLORE DIGITAL ELECTRONICS--AND TO MAKE IT WORK FOR YOU--MYKE PREDKO'S DIGITAL ELECTRONICS GUIDEBOOK (WITH PROJECTS) IS A COMPLETE PACKAGE FOR THE EXPERIMENTER.**

- \* All the help you need--from directions for setting up your own digital electronics lab to explanations of needed math and basic electronics
- \* Over 20 interesting projects, which demonstrate the power and possibilities of logic circuits you can build
- \* Tips for making circuits that switch, count, time, measure, control, combine input and output, switch-bounce, "think," and much more
- \* Learn how computers really work
- \* Construct your own simple 8-bit computer
- \* All the options you need to build sophisticated applications of your own design
- \* Guidance on creating, prototyping, and debugging your applications
- \* Reusable printed circuit board included
- \* Additional parts easily available (from Radio Shack, for instance)
- \* Demonstrations of project assembly techniques, such as wrapping and soldering
- \* Appendix with useful tables, data, and formulas

#### **About the Author**

Myke Predko (Toronto, Ontario) is a graduate of Electrical Engineering from the University of Waterloo. He is current a New Product Test Engineer at Celestica in Toronto where he works with new electronic product designers and has a patent pending regarding the automated test of PC Motherboards. He is the author of Programming & Customizing the PIC Microcontroller, Programming & Customizing the 8051 Microcontroller, the Handbook of Microcontroller, PC Ph.D. and PC Interfacing Pocket Reference.

## **Users Review**

### **From reader reviews:**

#### **Bradley Loy:**

Book is written, printed, or highlighted for everything. You can realize everything you want by a reserve. Book has a different type. We all know that that book is important factor to bring us around the world. Close to that you can your reading ability was fluently. A publication Digital Electronics Guidebook: With Projects! will make you to end up being smarter. You can feel much more confidence if you can know about everything. But some of you think that open or reading some sort of book make you bored. It's not make you fun. Why they could be thought like that? Have you in search of best book or suitable book with you?

#### **Sharyl Nettles:**

This Digital Electronics Guidebook: With Projects! is great publication for you because the content that is certainly full of information for you who always deal with world and have to make decision every minute. This specific book reveal it details accurately using great manage word or we can say no rambling sentences inside. So if you are read this hurriedly you can have whole information in it. Doesn't mean it only will give you straight forward sentences but hard core information with attractive delivering sentences. Having Digital Electronics Guidebook: With Projects! in your hand like keeping the world in your arm, info in it is not ridiculous just one. We can say that no guide that offer you world within ten or fifteen second right but this publication already do that. So , this is certainly good reading book. Heya Mr. and Mrs. occupied do you still doubt which?

#### **Frances Hayes:**

Reading a book to get new life style in this year; every people loves to examine a book. When you examine a book you can get a lot of benefit. When you read publications, you can improve your knowledge, because book has a lot of information upon it. The information that you will get depend on what types of book that you have read. If you need to get information about your research, you can read education books, but if you act like you want to entertain yourself you can read a fiction books, these us novel, comics, and also soon. The Digital Electronics Guidebook: With Projects! will give you a new experience in looking at a book.

#### **Steven Hackett:**

As a university student exactly feel bored in order to reading. If their teacher requested them to go to the library in order to make summary for some guide, they are complained. Just tiny students that has reading's heart and soul or real their interest. They just do what the trainer want, like asked to go to the library. They

go to generally there but nothing reading significantly. Any students feel that reading through is not important, boring in addition to can't see colorful images on there. Yeah, it is to become complicated. Book is very important to suit your needs. As we know that on this age, many ways to get whatever we want. Likewise word says, ways to reach Chinese's country. So , this Digital Electronics Guidebook: With Projects! can make you truly feel more interested to read.

**Download and Read Online Digital Electronics Guidebook: With Projects! By Myke Predko, Michael Predko #HAYU19MWZ8V**

## **Read Digital Electronics Guidebook: With Projects! By Myke Predko, Michael Predko for online ebook**

Digital Electronics Guidebook: With Projects! By Myke Predko, Michael Predko 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 Guidebook: With Projects! By Myke Predko, Michael Predko books to read online.

### **Online Digital Electronics Guidebook: With Projects! By Myke Predko, Michael Predko ebook PDF download**

#### **Digital Electronics Guidebook: With Projects! By Myke Predko, Michael Predko Doc**

Digital Electronics Guidebook: With Projects! By Myke Predko, Michael Predko Mobipocket

Digital Electronics Guidebook: With Projects! By Myke Predko, Michael Predko EPub

HAYU19MWZ8V: Digital Electronics Guidebook: With Projects! By Myke Predko, Michael Predko