



Portable Electronics Product Design and Development (Professional Engineering)

By Bert Haskell

Download now

Read Online 

Portable Electronics Product Design and Development (Professional Engineering) By Bert Haskell

IT'S ALL IN THE DETAILS:

Interfaces

Displays

Buttons

Dials

Keypads

Pen Input

Speakers

Microphones

Antennae

Sensors

Ports

Processing

Microprocessors

Logic Devices

Microcontrollers

DSP

Analog Devices

Sensors

Wireless Communications

System Memory

Mass Storage

Software & Communications

Mass Storage

Power Sources

Electronic Packaging

Circuit Boards

IC Packaging

Discrete Components

Connectors

Mechanical Assemblies

Housing

Shielding

Display Bezels

Thermal Management

Hinges

Ruggedization

Plan Product Success -- One Component at a Time

For product designers and engineers, this is an ideal roadmap to developing cutting-edge consumer portable electronics. *Portable Electronics Product Design and Development* is a powerful engineering tutorial that approaches design component by component, offering priceless guidance on key decisions, including selection and integration of every element in electronic portables.

Author and engineer Bert Haskell, an electronics product design specialist, sets

the stage with a succinct assessment of the portable electronics marketplace, analyzing the features that consumers do like and the flaws they do not like. Then he offers valuable engineering insights and component comparisons you can use to improve the way your products work and look, and to help them fare better in the marketplace. In the concluding chapters, he offers unique insights into the economics that drive the portable electronics industry and a creative vision for shaping future product concepts.

FEATURES CASE STUDIES OF LANDMARK SUCCESSES -- CELL PHONES, CAMCORDERS, AND DIGITAL CAMERAS

This powerful engineering guide will help you:

- * Solve interface and size problems
- * Maintain parameters of convenience, utility, and portability
- * Assess the cost of technology tradeoffs
- * Find effective answers on issues such as thermal management, shielding, and durability
- * Avoid consumer turnoffs

 [Download Portable Electronics Product Design and Developmen ...pdf](#)

 [Read Online Portable Electronics Product Design and Developm ...pdf](#)

Portable Electronics Product Design and Development (Professional Engineering)

By Bert Haskell

Portable Electronics Product Design and Development (Professional Engineering) By Bert Haskell

IT'S ALL IN THE DETAILS:

Interfaces

Displays

Buttons

Dials

Keypads

Pen Input

Speakers

Microphones

Antennae

Sensors

Ports

Processing

Microprocessors

Logic Devices

Microcontrollers

DSP

Analog Devices

Sensors

Wireless Communications

System Memory

Mass Storage

Software & Communications

Mass Storage

Power Sources

Electronic Packaging

Circuit Boards

IC Packaging

Discrete Components

Connectors

Mechanical Assemblies

Housing

Shielding

Display Bezels

Thermal Management

Hinges

Ruggedization

Plan Product Success -- One Component at a Time

For product designers and engineers, this is an ideal roadmap to developing cutting-edge consumer portable electronics. *Portable Electronics Product Design and Development* is a powerful engineering tutorial that approaches design component by component, offering priceless guidance on key decisions, including selection and integration of every element in electronic portables.

Author and engineer Bert Haskell, an electronics product design specialist, sets the stage with a succinct assessment of the portable electronics marketplace, analyzing the features that consumers do like and the flaws they do not like. Then he offers valuable engineering insights and component comparisons you can use to improve the way your products work and look, and to help them fare better in the marketplace. In the concluding chapters, he offers unique insights into the economics that drive the portable electronics industry and a creative vision for shaping future product concepts.

FEATURES CASE STUDIES OF LANDMARK SUCCESSES -- CELL PHONES, CAMCORDERS, AND DIGITAL CAMERAS

This powerful engineering guide will help you:

- * Solve interface and size problems
- * Maintain parameters of convenience, utility, and portability
- * Assess the cost of technology tradeoffs
- * Find effective answers on issues such as thermal management, shielding, and durability
- * Avoid consumer turnoffs

**Portable Electronics Product Design and Development (Professional Engineering) By Bert Haskell
Bibliography**

- Sales Rank: #2676541 in eBooks
- Published on: 2004-02-16
- Released on: 2004-02-16
- Format: Kindle eBook

 [Download Portable Electronics Product Design and Developmen ...pdf](#)

 [Read Online Portable Electronics Product Design and Developm ...pdf](#)

Download and Read Free Online Portable Electronics Product Design and Development (Professional Engineering) By Bert Haskell

Editorial Review

Review

This tutorial for product designers and engineers offers guidance on the development of consumer portable electronics that, presumably, won't drive users crazy. That means the designer must understand how to shepherd a product through all the marketing, manufacturing, and procurement people who have a hand in development. Haskell (an electronics product design engineer) discusses the marketplace, the economics underlying product development, and the features customers do and don't like. He offers detailed information about the engineering of products, with attention to interface and size problems, convenience, and utility parameters, technology trade-offs, and durability.. (*Sci-Tech Book News* 2004-06-01)

From the Back Cover

IT'S ALL IN THE DETAILS:.

Interfaces.

Displays.

Buttons.

Dials.

Keypads.

Pen Input.

Speakers.

Microphones.

Antennae.

Sensors.

Ports.

Processing.

Microprocessors.

Logic Devices.

Microcontrollers.

DSP.

Analog Devices.

Sensors.

Wireless Communications.

System Memory.

Mass Storage.

Software And Communications.

Mass Storage.

Power Sources.

Electronic Packaging.

Circuit Boards.

IC Packaging.

Discrete Components.

Connectors.

Mechanical Assemblies.

Housing.

Shielding.

Display Bezels.

Thermal Management.

Hinges.

Ruggedization.

. Plan Product Success -- One Component at a Time.

. For product designers and engineers, this is an ideal roadmap to developing cutting-edge consumer portable electronics. *Portable Electronics Product Design and Development* is a powerful engineering tutorial that approaches design component by component, offering priceless guidance on key decisions, including selection and integration of every element in electronic portables..

. Author and engineer Bert Haskell, an electronics product design specialist, sets the stage with a succinct assessment of the portable electronics marketplace, analyzing the features that consumers do like and the flaws they do not like. Then he offers valuable engineering insights and component comparisons you can use to improve the way your products work and look, and to help them fare better in the marketplace. In the concluding chapters, he offers unique insights into the economics that drive the portable electronics industry and a creative vision for shaping future product concepts..

. FEATURES CASE STUDIES OF LANDMARK SUCCESSES -- CELL PHONES, CAMCORDERS, AND DIGITAL CAMERAS.

. This powerful engineering guide will help you:.

- * Solve interface and size problems.
- * Maintain parameters of convenience, utility, and portability.
- * Assess the cost of technology tradeoffs.
- * Find effective answers on issues such as thermal management, shielding, and durability.
- * Avoid consumer turnoffs.

About the Author

Bert Haskell is President And General Manager of Wireless Age, Inc., Austin, Texas, a company that specializes in the deployment of wireless network technologies that enable user mobility. He was formerly Vice President for Product Development at Stellar Display Corporation, where he was responsible for the development of flat panel display products. Prior to this he was Director of Marketing for Interactive TV and Wireless Solutions at Concero, Inc. He has also served as Vice President for Portable and Consumer Electronics at MCC Corporation. He is currently sits on the board of Portelligent, Inc., the leading supplier of technical intelligence for the portable electronics industry. He has bachelor's and master's degrees in mechanical engineering from the University of Rochester and was a contributor to the textbook *Anytime, Anywhere Computing*. He lives in Austin. .

Users Review

From reader reviews:

Robert Riggio:

The publication untitled Portable Electronics Product Design and Development (Professional Engineering) is the publication that recommended to you to learn. You can see the quality of the guide content that will be

shown to anyone. The language that creator use to explained their ideas are easily to understand. The author was did a lot of research when write the book, hence the information that they share to you is absolutely accurate. You also could possibly get the e-book of Portable Electronics Product Design and Development (Professional Engineering) from the publisher to make you more enjoy free time.

Kenneth Allen:

Reading a book for being new life style in this year; every people loves to study a book. When you learn a book you can get a great deal of benefit. When you read publications, you can improve your knowledge, mainly because book has a lot of information onto it. The information that you will get depend on what sorts of book that you have read. If you want to get information about your research, you can read education books, but if you act like you want to entertain yourself look for a fiction books, this sort of us novel, comics, along with soon. The Portable Electronics Product Design and Development (Professional Engineering) will give you new experience in examining a book.

Carl Brinkley:

Do you like reading a guide? Confuse to looking for your chosen book? Or your book has been rare? Why so many issue for the book? But almost any people feel that they enjoy with regard to reading. Some people likes looking at, not only science book but also novel and Portable Electronics Product Design and Development (Professional Engineering) as well as others sources were given knowledge for you. After you know how the truly amazing a book, you feel need to read more and more. Science e-book was created for teacher or even students especially. Those publications are helping them to bring their knowledge. In other case, beside science e-book, any other book likes Portable Electronics Product Design and Development (Professional Engineering) to make your spare time considerably more colorful. Many types of book like this.

John Hawkins:

Many people said that they feel bored when they reading a reserve. They are directly felt it when they get a half elements of the book. You can choose typically the book Portable Electronics Product Design and Development (Professional Engineering) to make your own personal reading is interesting. Your own personal skill of reading skill is developing when you like reading. Try to choose easy book to make you enjoy you just read it and mingle the idea about book and reading through especially. It is to be initially opinion for you to like to open a book and read it. Beside that the guide Portable Electronics Product Design and Development (Professional Engineering) can to be your brand new friend when you're sense alone and confuse with the information must you're doing of their time.

Download and Read Online Portable Electronics Product Design and Development (Professional Engineering) By Bert Haskell

#GQJ9PE6W87M

Read Portable Electronics Product Design and Development (Professional Engineering) By Bert Haskell for online ebook

Portable Electronics Product Design and Development (Professional Engineering) By Bert Haskell 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 Portable Electronics Product Design and Development (Professional Engineering) By Bert Haskell books to read online.

Online Portable Electronics Product Design and Development (Professional Engineering) By Bert Haskell ebook PDF download

Portable Electronics Product Design and Development (Professional Engineering) By Bert Haskell Doc

Portable Electronics Product Design and Development (Professional Engineering) By Bert Haskell Mobipocket

Portable Electronics Product Design and Development (Professional Engineering) By Bert Haskell EPub