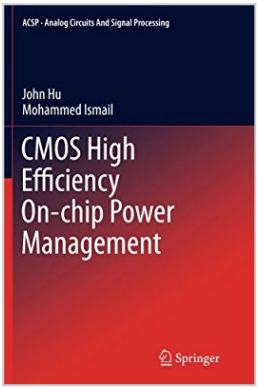

CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing)

By John Hu, Mohammed Ismail

CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing) By John Hu, Mohammed Ismail

This book will introduce various power management integrated circuits (IC) design techniques to build future energy-efficient “green” electronics. The goal is to achieve high efficiency, which is essential to meet consumers’ growing need for longer battery lives. The focus is to study topologies amiable for full on-chip implementation (few external components) in the mainstream CMOS technology, which will reduce the physical size and the manufacturing cost of the devices.

CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing)

By John Hu, Mohammed Ismail

CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing) By John Hu, Mohammed Ismail

This book will introduce various power management integrated circuits (IC) design techniques to build future energy-efficient “green” electronics. The goal is to achieve high efficiency, which is essential to meet consumers’ growing need for longer battery lives. The focus is to study topologies amiable for full on-chip implementation (few external components) in the mainstream CMOS technology, which will reduce the physical size and the manufacturing cost of the devices.

CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing) By John Hu, Mohammed Ismail Bibliography

- Published on: 2013-12-31
- Released on: 2013-12-31
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .30" w x 6.10" l, .44 pounds
- Binding: Paperback
- 120 pages

Editorial Review

From the Back Cover

This book deals with the subject matter of power management integrated circuit (IC) design, or integrated power electronics, as a response to the growing need for energy-efficient electronics. The authors introduce various power management IC design techniques to build future energy-efficient “green” electronics. The goal is to achieve high efficiency, which is essential to meet consumers’ growing need for longer battery lives. The focus is to study topologies amiable for full on-chip implementation (few external components) in the mainstream CMOS technology, which will reduce the physical size and the manufacturing cost of the devices.

- Describes a number of techniques at circuits and systems level that increase sleep-mode efficiency to prolong the battery life, without sacrificing performance parameters;
- Enables readers to design for compactness, which requires fewer bulky external components and circuit topologies that lend themselves easily to full on-chip integration;
- Offers insights on how the efficiency boosting techniques for power management IC designs work toward society’s quest for higher energy efficiency.

Users Review

From reader reviews:

Robert Young:

The ability that you get from CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing) will be the more deep you digging the information that hide inside the words the more you get interested in reading it. It does not mean that this book is hard to understand but CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing) giving you joy feeling of reading. The copy writer conveys their point in specific way that can be understood simply by anyone who read this because the author of this guide is well-known enough. This specific book also makes your vocabulary increase well. It is therefore easy to understand then can go with you, both in printed or e-book style are available. We advise you for having this specific CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing) instantly.

William Nix:

Typically the book CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing) will bring one to the new experience of reading some sort of book. The author style to spell out

the idea is very unique. When you try to find new book to learn, this book very ideal to you. The book CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing) is much recommended to you to see. You can also get the e-book from your official web site, so you can more readily to read the book.

David Brouwer:

Reading a publication tends to be new life style in this particular era globalization. With examining you can get a lot of information that could give you benefit in your life. With book everyone in this world can certainly share their idea. Textbooks can also inspire a lot of people. Lots of author can inspire their very own reader with their story as well as their experience. Not only the storyplot that share in the guides. But also they write about the ability about something that you need illustration. How to get the good score toefl, or how to teach your children, there are many kinds of book that you can get now. The authors on earth always try to improve their talent in writing, they also doing some study before they write to the book. One of them is this CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing).

Fernando Gallimore:

Don't be worry when you are afraid that this book will certainly filled the space in your house, you could have it in e-book method, more simple and reachable. This kind of CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing) can give you a lot of buddies because by you taking a look at this one book you have thing that they don't and make you actually more like an interesting person. That book can be one of one step for you to get success. This book offer you information that possibly your friend doesn't recognize, by knowing more than additional make you to be great people. So , why hesitate? We should have CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing).

Read CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing) By John Hu, Mohammed Ismail for online ebook

CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing) By John Hu, Mohammed Ismail 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 CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing) By John Hu, Mohammed Ismail books to read online.

Online CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing) By John Hu, Mohammed Ismail ebook PDF download

CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing) By John Hu, Mohammed Ismail Doc

CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing) By John Hu, Mohammed Ismail Mobipocket

CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing) By John Hu, Mohammed Ismail EPub

V65KQGUCO4P: CMOS High Efficiency On-chip Power Management (Analog Circuits and Signal Processing) By John Hu, Mohammed Ismail