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Make: Technology on Your Time Volume 29

The Essential Guide to Semiconductors

Apple Macintosh Encyclopedia

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Electronics All-in-One For Dummies

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Electronic Design

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Practical Interface Circuits for Micros
Creative Programming in Microsoft BASIC for Optimal Macintosh Performance
Global Sources Electronic Components
Certified Ethical Hacker (CEH) Exam Cram
Data Intensive Computing Applications for Big Data
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Prentice Hall

The first magazine devoted entirely to do-it-yourself technology projects presents its 29th quarterly edition for people who like to tweak, disassemble, recreate, and invent cool new uses for technology. MAKE Volume 29 takes bio-hacking to a new level. Get introduced to DIY tracking devices before they hit the consumer electronics marketplace. Learn how to build an EKG machine to study your heartbeat, and put together a DIY bio lab to study athletic motion using consumer grade hardware.

Electronics & Wireless World Research Studies Press Limited
ETHS alumnus, class of 1950.

Basic Engineering Circuit Analysis Springer Science & Business
Media

If you design electronics for a living, you need Robust Electronic Design Reference Book. Written by a working engineer, who has put over 115 electronic products into production at Sycor, IBM, and Lexmark, Robust Electronic Design Reference covers all the various aspects of designing and developing electronic devices and systems that: -Work. -Are safe and reliable. -Can be manufactured, tested, repaired, and serviced. -May be sold and used worldwide. -Can be adapted or enhanced to meet new and changing requirements.

Practical Interfacing in the Laboratory Springer Science &

Business Media

This book is devoted to the subject of adaptive techniques for smart analog and mixed signal design whereby fully functional first-pass silicon is achievable. To our knowledge, this is the first book devoted to this subject. The techniques described should lead to quantum improvement in design productivity of complex analog and mixed signal systems while significantly cutting the spiraling costs of product development in emerging nanometer technologies.

Electrical & Electronics Abstracts McGraw Hill Professional

In a remarkably short time, electronics has penetrated almost every aspect of modern life and the pace of development in the field shows no sign of slackening. One of the first books to cover electronic inventions in depth, *Electronic Inventions and Discoveries: Electronics from Its Earliest Beginnings to the Present Day*, Fourth Edition traces the development of electronics from its earliest beginnings to the present day. Spanning a period of two and a half centuries, the book presents a mini-encyclopedia full of valuable information on practically all inventions in electronics from 1745 to 1996. This fourth edition has been brought up-to-date and made more attractive by a complete redesign while still maintaining the successful features of previous editions. The first nine chapters supply concise yet comprehensive histories of the main areas of the subject. Subsequent chapters provide a list of inventions by subject and succinct descriptions of each invention in date order with over 1,000 references. The book concludes with a list of acronyms and abbreviations, a list of books on inventions and inventors, and a comprehensive index. During his seventy years in the field, the

author has collected a variety of published data to form an up-to-date systematic review of the major developments in electronics and the pattern of advances in electronic techniques. The book forms an essential source of reference to practicing engineers wishing to broaden their knowledge. Teachers and students who require a sound background and understanding of electronics will also find the book invaluable. Written in an easily understood largely nontechnical language, this fascinating and authoritative history of electronic developments will be of great interest to electronic hobbyists and general science readers.

Evaluating Feedback in Amplifiers and Oscillators Springer Science & Business Media

Open Circuits is a photographic exploration of the beautiful design inside everyday electronics. Its stunning cross-section photography unlocks a hidden world full of elegance, subtle complexity, and wonder. Our phones, computers, and appliances are made of hundreds of internal components, each precisely engineered to perform a certain function, but none intended to actually be seen. Through painstakingly executed, vividly detailed cross-section photography, *Open Circuits* reveals the surprising—and often accidental—beauty hiding inside the electronic components that drive our everyday devices. From resistors to LEDs, USB cables to headphone jacks, stepper motors to nixie tubes, the book's arresting imagery transforms more than 130 components into delightful works of art. As you visually dissect the components' insides, you'll learn about how they work and how they were made. *Open Circuits* has something for everyone to appreciate, whether you're a seasoned electrical engineer, an amateur tinkerer, or simply a lover of art and

photography.

The Best of Make: Apress

"This book provides a lucid treatment of feedback and stability margins to add to the expertise of rf and microwave engineers and others involved in the design, modelling and realisation of analogue amplifiers and oscillators."--BOOK JACKET.

F&S Index United States Penguin Random House LLC (No Starch)

Inventions and discoveries have been a part of man's life ever since he has walked on the earth. From the discovery of fire to space travel, every breakthrough has made our lives better in many ways. Learn about all the important inventions and discoveries made by mankind through the centuries. Fabulous pictures and comprehensive information, together with fascinating facts, make this book a must for your bookshelf.

Cloud as a Service Prentice Hall Professional

New material treats such contemporary subjects as automatic speech recognition and speaker verification for banking by computer and privileged (medical, military, diplomatic) information and control access. The book also focuses on speech and audio compression for mobile communication and the Internet. The importance of subjective quality criteria is stressed. The book also contains introductions to human monaural and binaural hearing, and the basic concepts of signal analysis. Beyond speech processing, this revised and extended new edition of *Computer Speech* gives an overview of natural language technology and presents the nuts and bolts of state-of-the-art speech dialogue systems.

Electronic Products Magazine Pearson IT Certification

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segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Computer Speech John Wiley & Sons

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Electronic Inventions and Discoveries Cambridge University Press

Provides step-by-step instructions on basic hacking techniques and reverse engineering skills along with information on Xbox security, hardware, and software.

InfoWorld CRC Press

The Apple Macintosh Encyclopedia provides easily accessible, brief and understandable information on the topics that you are most likely to have questions about. We have carefully digested the manuals, books, magazine articles, and other information sources for the Macintosh. These, combined with our own experience in using the Macintosh and other personal computers, have been integrated into an alphabetical sequence of short entries in the style of an encyclopedia. The goal is to provide concise, useful and easy-to-understand information on a particular topic that is quickly accessible when you need it. Much of the information in the entries is not contained in the manuals provided with the Macintosh and various software products. For example, notice the discussion, under WIDTH, of the "deferred" nature of this command when used with a device name, the discussion of the colon (:) in Multiplan for ranges, or Saving, Problems With. These topics are omitted or inadequately covered in the standard manuals. The Macintosh is the first truly visual

computer. In keeping with the highly visual nature of using the Macintosh, we have provided over 100 illustrations. Each shows exactly what you will see on the screen when exploring topics discussed in the text. The Macintosh Encyclopedia opens with a visual guide to icons, and remains highly visual in orientation throughout the text.

InfoWorld "O'Reilly Media, Inc."

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

Make: Technology on Your Time Volume 29 Springer Science & Business Media

The book 'Data Intensive Computing Applications for Big Data' discusses the technical concepts of big data, data intensive computing through machine learning, soft computing and parallel computing paradigms. It brings together researchers to report their latest results or progress in the development of the above mentioned areas. Since there are few books on this specific subject, the editors aim to provide a common platform for researchers working in this area to exhibit their novel findings. The book is intended as a reference work for advanced undergraduates and graduate students, as well as multidisciplinary, interdisciplinary and transdisciplinary research workers and scientists on the subjects of big data and cloud/parallel and distributed computing, and explains didactically many of the core concepts of these approaches for

practical applications. It is organized into 24 chapters providing a comprehensive overview of big data analysis using parallel computing and addresses the complete data science workflow in the cloud, as well as dealing with privacy issues and the challenges faced in a data-intensive cloud computing environment. The book explores both fundamental and high-level concepts, and will serve as a manual for those in the industry, while also helping beginners to understand the basic and advanced aspects of big data and cloud computing.

The Essential Guide to Semiconductors Maker Media, Inc.

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Apple Macintosh Encyclopedia BPI Publishing

Certified Ethical Hacker (CEH) Exam Cram is the perfect study guide to help you pass the updated CEH Version 11 exam. Its expert real-world approach reflects Dr. Chuck Easttom's expertise as one of the world's leading cybersecurity practitioners and instructors, plus test-taking insights he has gained from teaching CEH preparation courses worldwide. Easttom assumes no prior knowledge: His expert coverage of every exam topic can help readers with little ethical hacking experience to obtain the knowledge to succeed. This guide's extensive preparation tools include topic overviews, exam alerts, CramSavers, CramQuizzes, chapter-ending review questions, author notes and tips, an extensive glossary, and the handy CramSheet tear-out: key facts in an easy-to-review format. (This eBook edition of Certified Ethical Hacker (CEH) Exam Cram does not include access to the companion website with practice exam(s) included with the print

or Premium edition.) Certified Ethical Hacker (CEH) Exam Cram helps you master all topics on CEH Exam Version 11: Review the core principles and concepts of ethical hacking Perform key pre-attack tasks, including reconnaissance and footprinting Master enumeration, vulnerability scanning, and vulnerability analysis Learn system hacking methodologies, how to cover your tracks, and more Utilize modern malware threats, including ransomware and financial malware Exploit packet sniffing and social engineering Master denial of service and session hacking attacks, tools, and countermeasures Evade security measures, including IDS, firewalls, and honeypots Hack web servers and applications, and perform SQL injection attacks Compromise wireless and mobile systems, from wireless encryption to recent Android exploits Hack Internet of Things (IoT) and Operational Technology (OT) devices and systems Attack cloud computing systems, misconfigurations, and containers Use cryptanalysis tools and attack cryptographic systems

Microwave Journal No Starch Press

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Electronics All-in-One For Dummies John Wiley & Sons

Open up a world of electronic possibilities with the easiest "how-to" guide available today If you're looking for a new hobby that's tons of fun—and practical to boot—electronics might be right up your alley. And getting started has never been easier! In *Electronics All-in-One For Dummies*, you'll find a plethora of helpful information, from tinkering with basic electronic components to more advanced subjects like working with digital

electronics and Arduino microprocessors. Whether you're just getting started and trying to learn the difference between a circuit board and a breadboard, or you've got a handle on the fundamentals and are looking to get to the next level of electronics mastery, this book has the tools, techniques, and step-by-step guides you need to achieve your goals—and have a blast doing it! You'll learn: Critical safety tips and strategies to keep yourself and your environment protected while you work Useful schematics for everyday devices you can put to work immediately, like animated holiday lights and animatronic prop controllers How to work with alternating current, direct current, analog, digital, and car electronics, as well as Raspberry Pi technologies Perfect for anyone who's ever looked at a circuit board and thought to themselves, "I wonder how that works?," *Electronics All-in-One For Dummies* is your go-to guide to getting a grip on some of the coolest electronic technologies on the market.

Microsoft Computer Dictionary IOS Press

After two years, MAKE has become one of most celebrated new magazines to hit the newsstands, and certainly one of the hottest reads. If you're just catching on to the MAKE phenomenon and wonder what you've missed, this book contains the best DIY projects from the magazine's first ten volumes -- a surefire collection of fun and challenging activities going back to MAKE's launch in early 2005. Find out why MAKE has attracted a passionate following of tech and DIY enthusiasts worldwide with one million web site visitors and a quarter of a million magazine readers. And why our podcasts consistently rank in the top-25 for computers and technology. With the Best of MAKE, you'll share

the curiosity, zeal, and energy of Makers -- the citizen scientists, circuit benders, homemakers, students, automotive enthusiasts, roboticists, software developers, musicians, hackers, hobbyists, and crafters -- through this unique and inspiring assortment of DIY projects chosen by the magazine's editors. Learn to: Hack your gadgets and toys Program microcontrollers to sense and react to things Take flight with rockets, planes, and other projectiles Make music from the most surprising of things Find new ways to

take photos and make video Outfit yourself with the coolest tools Put together by popular demand, the Best of MAKE is the perfect gift for any maker, including current subscribers who missed early volumes of the magazine. Do you or someone you know have a passion for the magic of tinkering, hacking, and creation? Do you enjoy finding imaginative and unexpected uses for the technology and materials in your life? Then get on board with the Best of MAKE!

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