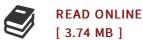


DOWNLOAD

Chips 2020 Vol. 2

By Bernd Höfflinger

Springer-Verlag Gmbh Okt 2015, 2015. Buch. Book Condition: Neu. 23.5x15.5x cm. Neuware - The release of this second volume of CHIPS 2020 coincides with the 50th anniversary of Moore's Law, a critical year marked by the end of the nanometer roadmap and by a significantly reduced annual rise in chip performance. At the same time, we are witnessing a data explosion in the Internet, which is consuming 40% more electrical power every year, leading to fears of a major blackout of the Internet by 2020. The messages of the first CHIPS 2020, published in 2012, concerned the realization of quantum steps for improving the energy efficiency of all chip functions. With this second volume, we review these messages and amplify upon the most promising directions: ultra-lowvoltage electronics, nanoscale monolithic 3D integration, relevant-data, brain- and human-vision-inspired processing, and energy harvesting for chip autonomy. The team of authors, enlarged by more world leaders in low-power, monolithic 3D, video, and Silicon brains, presents new vistas in nanoelectronics, promising Moore-like exponential growth sustainable through to the 2030s. 319 pp. Englisch.



Reviews

Comprehensive guideline! Its such a good read through. It is actually writter in basic words and not confusing. I am just easily could possibly get a enjoyment of reading a composed book. -- Lonzo Wilderman

This book is great. I could possibly comprehended everything using this published e book. I am easily could possibly get a enjoyment of reading a published pdf. -- Deanna Rath I

Related Books

Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...

You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most

Sourcebooks, Inc. Paperback / softback. Book Condition: new. BRAND NEW, You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most, Patricia Hermes, Thirteen-year-old Sarah Morrow doesn't think much of the fact that her mother winced a little...

Unplug Your Kids: A Parent's Guide to Raising Happy, Active and Well-Adjusted Children in the Digital Age

Adams Media Corporation. Paperback. Book Condition: new. BRAND NEW, Unplug Your Kids: A Parent's Guide to Raising Happy, Active and Well-Adjusted Children in the Digital Age, David Dutwin, TV. Web Surfing. IMing. Text Messaging. Video Games. iPods. Kids today are plugged into...

Billy's Booger: A Memoir (sorta)

Atheneum. 1 Cloth(s), 2015. hard. Book Condition: New. From what might not sound like the most promising title (at least to grown-ups), William Joyce introduces readers 6 to 8 to his younger self Billy Joyce, a "most challenging student" (his principal's words)...

_	

Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success

Brookes Publishing Co. Paperback. Book Condition: new. BRAND NEW, Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success, Eva M. Horn, Susan B. Palmer, Gretchen D. Butera, Joan A. Lieber, How can inclusive early educators plan and deliver...

_	
_	

Edge] the collection stacks of children's literature: Chunhyang Qiuyun 1.2 ---Children's Literature 2004(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date: 2005 Pages: 815 Publisher: the Chinese teenager Shop Books all book. the genuine special part of the spot...