



Digital Design of Signal Processing Systems: A Practical Approach (Hardback)

By Shoab Ahmed Khan

John Wiley and Sons Ltd, United States, 2011. Hardback. Book Condition: New. 250 x 176 mm. Language: English . Brand New Book. Digital Design of Signal Processing Systems discusses a spectrum of architectures and methods for effective implementation of algorithms in hardware (HW). Encompassing all facets of the subject this book includes conversion of algorithms from floating-point to fixed-point format, parallel architectures for basic computational blocks, Verilog Hardware Description Language (HDL), SystemVerilog and coding guidelines for synthesis. The book also covers system level design of Multi Processor System on Chip (MPSoC); a consideration of different design methodologies including Network on Chip (NoC) and Kahn Process Network (KPN) based connectivity among processing elements. A special emphasis is placed on implementing streaming applications like a digital communication system in HW. Several novel architectures for implementing commonly used algorithms in signal processing are also revealed. With a comprehensive coverage of topics the book provides an appropriate mix of examples to illustrate the design methodology. Key Features: * A practical guide to designing efficient digital systems, covering the complete spectrum of digital design from a digital signal processing perspective * Provides a full account of HW building blocks and their architectures, while also elaborating...



READ ONLINE
[4.96 MB]

Reviews

Unquestionably, this is the greatest operate by any article writer. I could comprehended everything out of this written e book. Your way of life span will be transform as soon as you total reading this book.

-- **Andy Erdman**

Complete information! Its this kind of good study. This really is for all those who statte that there was not a well worth looking at. I found out this pdf from my dad and i encouraged this ebook to learn.

-- **Candida Deckow III**

See Also



[Environments for Outdoor Play: A Practical Guide to Making Space for Children \(New edition\)](#)

SAGE Publications Ltd. Paperback. Book Condition: new. BRAND NEW, Environments for Outdoor Play: A Practical Guide to Making Space for Children (New edition), Theresa Casey, 'Theresa's book is full of lots of inspiring, practical, 'how to go about it ideas' coupled with...



[Growing Up: From Baby to Adult High Beginning Book with Online Access](#)

Cambridge University Press, 2014. UNK. Book Condition: New. New Book. Shipped from US within 10 to 14 business days. Established seller since 2000.



[RCadvisor s Modify: Design and Build From Scratch Your Own Modern Flying Model Airplane In One Day for Just](#)

Rcadvisor.com, United States, 2009. Paperback. Book Condition: New. 238 x 166 mm. Language: English . Brand New Book ***** Print on Demand *****.Experience firsthand the joys of building and flying your very own model airplane design. Put into practice the lessons from...



[Joey Green's Rainy Day Magic: 1258 Fun, Simple Projects to Do with Kids Using Brand-name Products](#)

Fair Winds Press, 2006. Paperback. Book Condition: New. Brand new books and maps available immediately from a reputable and well rated UK bookseller - not sent from the USA; despatched promptly and reliably worldwide by Royal Mail;



[Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online](#)

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book. It is time for the digital talk. Today, kids are growing up in a wired world. Their online interactions, the good and the bad,...



[Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade](#)

Book Condition: Brand New. Book Condition: Brand New.