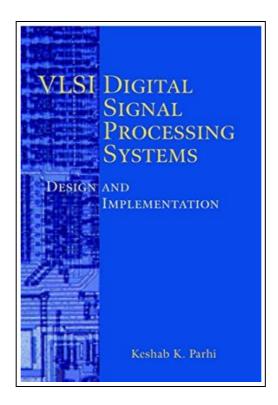
VLSI Digital Signal Processing Systems: Design and Implementation (Hardback)



Filesize: 4.04 MB

Reviews

A whole new e book with a brand new standpoint. I have read through and i also am certain that i am going to planning to read again yet again later on. I found out this book from my i and dad advised this pdf to learn.

(Audrey Lowe I)

VLSI DIGITAL SIGNAL PROCESSING SYSTEMS: DESIGN AND IMPLEMENTATION (HARDBACK)



To download VLSI Digital Signal Processing Systems: Design and Implementation (Hardback) eBook, remember to follow the web link below and save the document or get access to other information that are in conjuction with VLSI DIGITAL SIGNAL PROCESSING SYSTEMS: DESIGN AND IMPLEMENTATION (HARDBACK) book.

John Wiley & Sons Inc, United States, 1999. Hardback. Condition: New. 1. Auflage. Language: English. Brand new Book. Digital audio, speech recognition, cable modems, radar, high-definition television-these are but a few of the modern computer and communications applications relying on digital signal processing (DSP) and the attendant application-specific integrated circuits (ASICs). As information-age industries constantly reinvent ASIC chips for lower power consumption and higher efficiency, there is a growing need for designers who are current and fluent in VLSI design methodologies for DSP. Enter VLSI Digital Signal Processing Systems-a unique, comprehensive guide to performance optimization techniques in VLSI signal processing. Based on Keshab Parhi's highly respected and popular graduate-level courses, this volume is destined to become the standard text and reference in the field. This text integrates VLSI architecture theory and algorithms, addresses various architectures at the implementation level, and presents several approaches to analysis, estimation, and reduction of power consumption. Throughout this book, Dr. Parhi explains how to design high-speed, low-area, and low-power VLSI systems for a broad range of DSP applications. He covers pipelining extensively as well as numerous other techniques, from parallel processing to scaling and roundoff noise computation. Readers are shown how to apply all techniques to improve implementations of several DSP algorithms, using both ASICs and off-the-shelf programmable digital signal processors. The book features hundreds of graphs illustrating the various DSP algorithms, examples based on digital filters and transforms clarifying key concepts, and interesting end-of-chapter exercises that help match techniques with applications. In addition, the abundance of readily available techniques makes this an extremely useful resource for designers of DSP systems in wired, wireless, or multimedia $communications. \ The \ material \ can \ be \ easily \ adopted \ in \ new \ courses \ on \ either \ VLSI \ digital \ signal \ processing \ architectures \ or \ high-performance \ VLSI \ digital \ signal \ processing \ architectures \ or \ high-performance \ VLSI \ digital \ signal \ processing \ architectures \ or \ high-performance \ VLSI \ digital \ signal \ processing \ architectures \ or \ high-performance \ VLSI \ digital \ signal \ processing \ architectures \ or \ high-performance \ VLSI \ digital \ signal \ processing \ architectures \ or \ high-performance \ vLSI \ digital \ signal \ processing \ architectures \ or \ high-performance \ vLSI \ digital \ signal \ processing \ architectures \ or \ high-performance \ vLSI \ digital \ signal \ processing \ architectures \ or \ high-performance \ vLSI \ digital \ signal \ processing \ architectures \ or \ high-performance \ vLSI \ digital \ signal \ processing \ architectures \ digital \ signal \ processing \ architectures \ digital \ d$ system design. An invaluable reference and practical guide to VLSI...



Read VLSI Digital Signal Processing Systems: Design and Implementation (Hardback) Online

Download PDF VLSI Digital Signal Processing Systems: Design and Implementation (Hardback)

You May Also Like



[PDF] Modern Portfolio Theory: Foundations, Analysis, and New Developments + Website (Hardback)

Access the link listed below to get "Modern Portfolio Theory: Foundations, Analysis, and New Developments + Website (Hardback)" document.

Read ePub

>>



[PDF] Asset Pricing Theory (Hardback)

Access the link listed below to get "Asset Pricing Theory (Hardback)" document.

Read ePub

>>



[PDF] Bayesian Biostatistics (Hardback)

Access the link listed below to get "Bayesian Biostatistics (Hardback)" document.

Read ePub

>>



[PDF] Get into UK Medical School For Dummies (Paperback)

 $Access the link \ listed \ below \ to \ get \ "Get \ into \ UK \ Medical \ School \ For \ Dummies \ (Paperback)" \ document.$

Read ePub

>>



[PDF] Fundamentals of Fire Phenomena (Hardback)

 $Access the link \ listed \ below \ to \ get \ "Fundamentals \ of \ Fire \ Phenomena \ (Hardback)" \ document.$

Read ePub

»



[PDF] Apples to Oregon: Being the Slightly True Narrative of How a Brave Pioneer Father Brought Apples, Peaches, Plums, Grapes, and Cherries and Children Across the Plain

Access the link listed below to get "Apples to Oregon: Being the Slightly True Narrative of How a Brave Pioneer Father Brought Apples, Peaches, Plums, Grapes, and Cherries and Children Across the Plain" document.

Read ePub

»