

The book was found

Design Of Softcore DSP Processors On FPGA Chips



Synopsis

This book takes you to how design and implement a DSP processor on a reconfigurable system on chip such as FPGA. It also shows ways and techniques to develop the base-line design of the DSP processors. This type of processor working on vector and matrix manipulations, so the developing techniques take care of this types of calculation. Many benchmarking tests were made to proof the prototypes performance. The results show about 9 times of improvement can be reached comparing to the base-line design. All the prototypes implementations and tests are done on Xilinx Vertex boards.

Book Information

Paperback: 328 pages

Publisher: LAP Lambert Academic Publishing (June 23, 2015)

Language: English

ISBN-10: 3659693324

ISBN-13: 978-3659693328

Product Dimensions: 6 x 0.7 x 9 inches

Shipping Weight: 1.1 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,399,743 in Books (See Top 100 in Books) #108 in Books > Computers & Technology > Hardware & DIY > Microprocessors & System Design > DSPs #376 in Books > Computers & Technology > Hardware & DIY > Microprocessors & System Design > Microprocessor Design

[Download to continue reading...](#)

L'Chaim: Celebrate Life: Judaic Expressions to Color & Inspire (Design Originals) How To Program -- Echo: Design, Development and Testing Alexa Skills A Fellowship of Differents: Showing the World God's Design for Life Together Tabletop Game Design for Video Game Designers Players Making Decisions: Game Design Essentials and the Art of Understanding Your Players Multiplayer Game Programming: Architecting Networked Games (Game Design) Articulating Design Decisions: Communicate with Stakeholders, Keep Your Sanity, and Deliver the Best User Experience Interaction Design: Beyond Human-Computer Interaction 3D Fashion Design: Technique, design and visualization Functional Design for 3D Printing 2nd edition Beginning Design for 3D Printing AutoCAD 2016 For Architectural Design: Floor Plans, Elevations, Printing, 3D Architectural Modeling, and Rendering 100 CAD Exercises - Learn by Practicing!: Learn to design 2D and 3D

Models by Practicing with these 100 CAD Exercises! Design Integration Using Autodesk Revit 2016
Residential Design Using Autodesk Revit 2016 Computed Tomography: Principles, Design,
Artifacts, and Recent Advances (Press Monograph) Design for How People Learn (Voices That
Matter) CSS Secrets: Better Solutions to Everyday Web Design Problems Logic & Computer Design
Fundamentals (5th Edition) Logic & Computer Design Fundamentals

[Dmca](#)