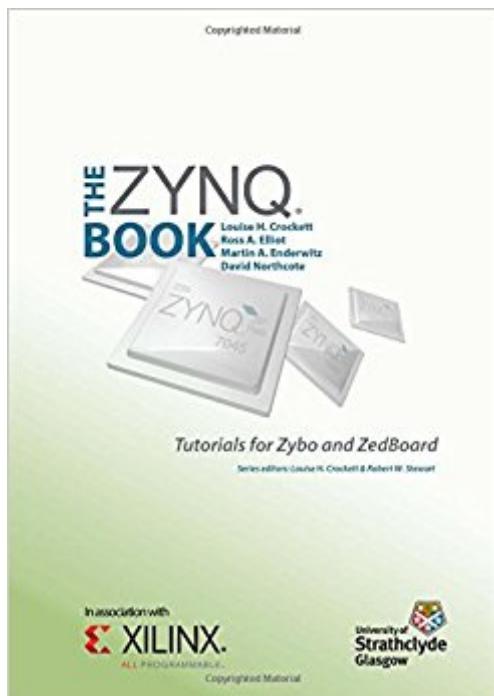The book was found

The Zynq Book Tutorials For Zybo And ZedBoard

Synopsis

This book comprises a set of five tutorials, and provides a practical introduction to working with Zynq-7000 All Programmable System on Chip, the family of devices from Xilinx that combines an application-grade ARM Cortex-A9 processor with traditional FPGA logic fabric. It is a companion text for 'The Zynq Book' (ISBN-13: 978-0992978709). The tutorials target two popular Zynq development boards: the ZedBoard, and the lower cost Zybo. Working through, the reader will take first steps with the Vivado integrated development environment and Software Developers Kit (SDK), and be introduced to the methodology of developing embedded systems based on Zynq. Different methods of creating Intellectual Property (IP) cores are demonstrated, including the use of Vivado High Level Synthesis (HLS), and these IPs are later combined to form a complete audio-based embedded system. These tutorials are set at the introductory level, and are suitable for undergraduate / postgraduate teaching, as well as self-learning by researchers, professional engineers, and hobbyists. Example and support files can be downloaded from the book's companion website.

Book Information

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Customer Reviews

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Excellent book on FPGA and Zynq

The Zynq Book Tutorials for Zybo and ZedBoard The Zynq Book: Embedded Processing with the Arm Cortex-A9 on the Xilinx Zynq-7000 All Programmable Soc Autodesk Maya 138 Tutorials and Tips by Antonio Bosi: 138 useful Maya tutorials (tips & tricks) for experts and beginners Colored Pencil Guide - How to Draw Realistic Objects: with colored pencils, Still Life Drawing Lessons, Realism, Learn How to Draw, Art Book, Illustrations, Step-by-Step drawing tutorials, Techniques Big Book on How to Draw Animals with Colored Pencils: Drawing tutorials, How to draw NCLEX-RN Premier 2017 with 2 Practice Tests: Online + Book + Video Tutorials + Mobile (Kaplan Test Prep) ACT Prep Book: ACT Secrets Study Guide: Complete Review, Practice Test, Video Tutorials for the ACT Test SAT Prep Book: SAT Secrets Study Guide: Complete Review, Practice Tests, Video Tutorials for the New College Board SAT Exam NCLEX-PN Premier 2017 with 2 Practice Tests: Online + Book + Video Tutorials + Mobile (Kaplan Test Prep) Macrame Home Furnishings: Vintage 1970's Macramé Patterns Tutorials Pot Hangers (Vintage Macrame Book 2) Dollhouse Décor & More: Volume One: A "Mad About Miniatures" Book of Tutorials (Dollhouse Decor & More 1) Selected Topics in RF, Analog and Mixed Signal Circuits and Systems (Tutorials in Circuits and Systems) Ultimate Slime: DIY Tutorials for Crunchy Slime, Fluffy Slime, Fishbowl Slime, and More Than 100 Other Oddly Satisfying Recipes and Projects--Totally Borax Free! DIY Drone and Quadcopter Projects: A Collection of Drone-Based Essays, Tutorials, and Projects (Make) The Silver Way: Techniques, Tips, and Tutorials for Effective Character Design How to Draw Cartoon Characters with Colored Pencils: in Realistic Style, Step-By-Step Drawing Tutorials How to Draw Superheros and Movie Characters, Learn to Draw Batman, Spider-Man 3, Superman Braids, Buns, and Twists!: Step-by-Step Tutorials for 82 Fabulous Hairstyles How to draw Superheroes: with Colored Pencils in Realistic Style, Learn to Draw Cartoon and Movie Characters, Step-by-Step Drawing Tutorials, How to Draw Batman, Superman, Spider-Man 2, Marvel, DC Tutorials In Introductory Physics and Homework Package The Beginners Guide to Fingerboarding- Tricks & Tips: Fingerboarding tricks tutorials and tips for beginners