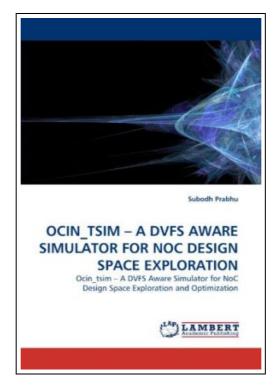
# OCIN\_TSIM - A DVFS AWARE SIMULATOR FOR NOC DESIGN SPACE EXPLORATION



Filesize: 8.35 MB

#### Reviews

It in just one of the best ebook. I was able to comprehended every thing out of this composed e pdf. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Ocie Hintz)

#### OCIN\_TSIM - A DVFS AWARE SIMULATOR FOR NOC DESIGN SPACE EXPLORATION



To save OCIN\_TSIM - A DVFS AWARE SIMULATOR FOR NOC DESIGN SPACE EXPLORATION PDF, please access the web link listed below and download the document or have accessibility to additional information that are highly relevant to OCIN\_TSIM - A DVFS AWARE SIMULATOR FOR NOC DESIGN SPACE EXPLORATION book.

Condition: New. Publisher/Verlag: Dictus Publishing | Ocin\_tsim A DVFS Aware Simulator for NoC Design Space Exploration and Optimization | Networks-on-Chip (NoCs) are a general purpose, scalable replacement for shared medium wired interconnects offering many practical applications in industry. Dynamic Voltage Frequency Scaling (DVFS) is a technique whereby a chip's voltage-frequency levels are varied at run time, often used to conserve dynamic power. Various DVFS-based NoC optimization techniques have been proposed. However, due to the resources required to validate architectural decisions through prototyping, few are implemented. As a result, designers are faced with a lack of insight into potential power savings or performance gains at early architecture stages. This thesis proposes a DVFS aware NoC simulator with support for per node power-frequency modeling and rich visualisation to allow fine-tuning of such optimization techniques early on in the design cycle. The proposed simulator also provides a framework for benchmarking various candidate strategies to allow selective prototyping and optimization. As part of the research, DVFS extensions were built for an existing NoC performance simulator and released for public use. This thesis also serves as a technical manual for the simulator extensions. | Format: Paperback | Language/Sprache: english | 76 pp.



Read OCIN\_TSIM - A DVFS AWARE SIMULATOR FOR NOC DESIGN SPACE EXPLORATION Online





#### Other eBooks



#### [PDF] Words and Rhymes for Kids: A Fun Teaching Tool for High Frequency Words and Word Families

Follow the web link under to download and read "Words and Rhymes for Kids: A Fun Teaching Tool for High Frequency Words and Word Families" document.

Read ePub »



#### [PDF] Hitler's Exiles: Personal Stories of the Flight from Nazi Germany to America

Follow the web link under to download and read "Hitler's Exiles: Personal Stories of the Flight from Nazi Germany to America" document.

Read ePub »



#### [PDF] Scaffolding Emergent Literacy: A Child-Centered Approach for Preschool Through Grade 5

Follow the web link under to download and read "Scaffolding Emergent Literacy: A Child-Centered Approach for Preschool Through Grade 5" document.

Read ePub »



#### [PDF] Help! I'm a Baby Boomer (Battling for Christian Values Inside America's Largest Generation

Follow the web link under to download and read "Help! I'm a Baby Boomer (Battling for Christian Values Inside America's Largest Generation" document.

Read ePub »



[PDF] Children's Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Follow the web link under to download and read "Children's Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 789 10 Year-Olds. [Us English]" document.

Read ePub »



[PDF] Children's Educational Book Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]

Follow the web link under to download and read "Children's Educational Book Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]" document.

Read ePub »



### [PDF] Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Brewer, Jo Ann

Follow the web link listed below to get "Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Brewer, Jo Ann" file.

**Download Document »** 



#### [PDF] DK Readers L4: Danger on the Mountain: Scaling the World's Highest Peaks

Follow the web link listed below to get "DK Readers L4: Danger on the Mountain: Scaling the World's Highest Peaks" file.

Download Document »



## [PDF] Childrens Educational Book Junior Vincent van Gogh A Kids Introduction to the Artist and his Paintings. Age 7 8 9 10 year-olds SMART READS for . - Expand Inspire Young Minds Volume 1

Follow the web link listed below to get "Childrens Educational Book Junior Vincent van Gogh A Kids Introduction to the Artist and his Paintings. Age 7 8 9 10 year-olds SMART READS for . - Expand Inspire Young Minds Volume 1" file.

**Download Document »** 



#### [PDF] The Pauper & the Banker/Be Good to Your Enemies

Follow the web link listed below to get "The Pauper & the Banker/Be Good to Your Enemies" file.

**Download Document »** 



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

Follow the web link listed below to get "Joey Green's Rainy Day Magic: 1258 Fun, Simple Projects to Do with Kids Using Brand-name Products" file.

**Download Document »** 



#### [PDF] A Year Book for Primary Grades; Based on Froebel's Mother Plays

Follow the web link listed below to get "A Year Book for Primary Grades; Based on Froebels Mother Plays" file.

**Download Document »**