



Principles of Functional Verification

By *Andreas Meyer*

Download now

Read Online 

Principles of Functional Verification By Andreas Meyer

As design complexity in chips and devices continues to rise, so, too, does the demand for functional verification. *Principles of Functional Verification* is a hands-on, practical text that will help train professionals in the field of engineering on the methodology and approaches to verification.

In practice, the architectural intent of a device is necessarily abstract. The implementation process, however, must define the detailed mechanisms to achieve the architectural goals. Based on a decade of experience, *Principles of Functional Verification* intends to pinpoint the issues, provide strategies to solve the issues, and present practical applications for narrowing the gap between architectural intent and implementation.

The book is divided into three parts, each building upon the chapters within the previous part. Part One addresses why functional verification is necessary, its definition and goals. In Part Two, the heart of the methodology and approaches to solving verification issues are examined. Each chapter in this part ends with exercises to apply what was discussed in the chapter. Part Three looks at practical applications, discussing project planning, resource requirements, and costs. Each chapter throughout all three parts will open with Key Objectives, focal points the reader can expect to review in the chapter.

- * Takes a "holistic" approach to verification issues
- * Approach is not restricted to one language
- * Discussed the verification process, not just how to use the verification language

 [Download Principles of Functional Verification ...pdf](#)

 [Read Online Principles of Functional Verification ...pdf](#)

Principles of Functional Verification

By Andreas Meyer

Principles of Functional Verification By Andreas Meyer

As design complexity in chips and devices continues to rise, so, too, does the demand for functional verification. Principles of Functional Verification is a hands-on, practical text that will help train professionals in the field of engineering on the methodology and approaches to verification.

In practice, the architectural intent of a device is necessarily abstract. The implementation process, however, must define the detailed mechanisms to achieve the architectural goals. Based on a decade of experience, Principles of Functional Verification intends to pinpoint the issues, provide strategies to solve the issues, and present practical applications for narrowing the gap between architectural intent and implementation.

The book is divided into three parts, each building upon the chapters within the previous part. Part One addresses why functional verification is necessary, its definition and goals. In Part Two, the heart of the methodology and approaches to solving verification issues are examined. Each chapter in this part ends with exercises to apply what was discussed in the chapter. Part Three looks at practical applications, discussing project planning, resource requirements, and costs. Each chapter throughout all three parts will open with Key Objectives, focal points the reader can expect to review in the chapter.

- * Takes a "holistic" approach to verification issues
- * Approach is not restricted to one language
- * Discussed the verification process, not just how to use the verification language

Principles of Functional Verification By Andreas Meyer Bibliography

- Sales Rank: #2343583 in Books
- Brand: Brand: Newnes
- Published on: 2003-11-05
- Released on: 2003-10-22
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .49" w x 6.00" l, .76 pounds
- Binding: Paperback
- 216 pages

 [Download Principles of Functional Verification ...pdf](#)

 [Read Online Principles of Functional Verification ...pdf](#)

Editorial Review

About the Author

Andreas Meyer is currently Verification Architect with Cadence Design Systems. Previously, he was a founder and Chief Technical Officer of Zaiq Technologies, Inc. in Woburn, MA. Zaiq is a recognized leader in system-level design and verification for complex, high-performance, system-on-chip based designs. Andy lead the technical development of the company's intellectual property business and the development of Zaiq's design and verification methodologies. Prior to founding Zaiq, Andy worked as an independent consultant for a number of leading companies, including Teradyne Corporation, Sun Microsystems and Sequoia Systems. Andy holds a BSEE from the University of Illinois at Champaign and an MSECE from the University of Massachusetts at Amherst.

Excerpt. © Reprinted by permission. All rights reserved.

A step-by-step guide to electronic design verification

Users Review

From reader reviews:

James Reed:

The book Principles of Functional Verification make one feel enjoy for your spare time. You can use to make your capable far more increase. Book can being your best friend when you getting strain or having big problem with the subject. If you can make studying a book Principles of Functional Verification to get your habit, you can get considerably more advantages, like add your capable, increase your knowledge about many or all subjects. You can know everything if you like open up and read a e-book Principles of Functional Verification. Kinds of book are several. It means that, science book or encyclopedia or some others. So , how do you think about this e-book?

Bradley Smith:

The book Principles of Functional Verification will bring someone to the new experience of reading any book. The author style to explain the idea is very unique. When you try to find new book to study, this book very acceptable to you. The book Principles of Functional Verification is much recommended to you to read. You can also get the e-book through the official web site, so you can quicker to read the book.

Gayle Anderson:

The book Principles of Functional Verification has a lot info on it. So when you check out this book you can get a lot of advantage. The book was compiled by the very famous author. Tom makes some research just before write this book. This kind of book very easy to read you can find the point easily after scanning this book.

Alisa Gordon:

This Principles of Functional Verification is great book for you because the content which is full of information for you who else always deal with world and possess to make decision every minute. This kind of book reveal it facts accurately using great arrange word or we can state no rambling sentences within it. So if you are read the item hurriedly you can have whole data in it. Doesn't mean it only provides straight forward sentences but tough core information with attractive delivering sentences. Having Principles of Functional Verification in your hand like getting the world in your arm, details in it is not ridiculous one particular. We can say that no e-book that offer you world within ten or fifteen moment right but this e-book already do that. So , this really is good reading book. Hello Mr. and Mrs. stressful do you still doubt that will?

**Download and Read Online Principles of Functional Verification By
Andreas Meyer #HOAR1NCIP2D**

Read Principles of Functional Verification By Andreas Meyer for online ebook

Principles of Functional Verification By Andreas Meyer Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Principles of Functional Verification By Andreas Meyer books to read online.

Online Principles of Functional Verification By Andreas Meyer ebook PDF download

Principles of Functional Verification By Andreas Meyer Doc

Principles of Functional Verification By Andreas Meyer Mobipocket

Principles of Functional Verification By Andreas Meyer EPub

HOAR1NCIP2D: Principles of Functional Verification By Andreas Meyer