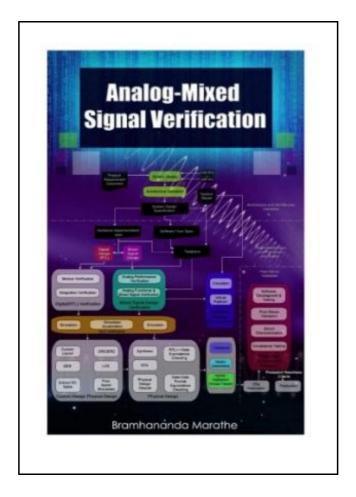# Analog-Mixed Signal Verification

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Reviews

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(Sterling Kris)

ANALOG-MIXED SIGNAL VERIFICATION

Createspace Independent Publishing Platform, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book. Introduction The purpose of this book is to provide insight and intuition into the analog and analog-mixed signal system verification. It is also a journey the author of this book has been through on the way to tackle practical design and verification challenges with state of art analog and mixed signal designs. Motivation for authoring this book The digital design verification skill set is very different than analog design and verification. Traditionally, the analog block level verification is performed by the analog designers, and digital design verification is performed by digital design verification engineer. Lack of cross domain skill set makes it challenging to perform verification at mixed-signal level. Hence, either analog designer engineer should learn advanced digital verification techniques or digital design verification engineer embrace analog verification to become analog-mixed signal verification engineer. This book is written keeping this new trend in mind, hence it covers digital design fundamentals, digital design verification as well as analog design fundamentals, and analog performance verification. Organization of this book Keeping the readers of analog verification or digital design verification background in mind, the book has first 5 chapters focused on the fundamentals of the analog design, digital design, and its verification. Chapter 6 and chapter 7 focuses on the analog-mixed signal design verification and behavioral modeling respectively. Chapter 8 is dedicated to the low power verification techniques. Chapter 1: Introduction to Analog Mixed Signal Verification This chapter discusses about the evolution of the verification methodologies, history of analog-mixed signal designs, applications, and future trends. Chapter 2: Analog Design Fundamentals The purpose of this chapter is to give an overview of the analog design fundamentals for digital design background engineers. Major focus...

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