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An Introduction To Mixed-Signal IC Test And Measurement (Oxford Series In Electrical And Computer Engineering (Hardco)



Synopsis

With the proliferation of complex semiconductor devices containing digital, analog, mixed-signal, and radio-frequency circuits, today's engineer must be fluent in all four circuit types. Written for advanced undergraduate and graduate-level students, as well as engineering professionals, *An Introduction to Mixed-Signal IC Test and Measurement, Second Edition*, encompasses analog, mixed-signal and radio-frequency circuits tests, with many relevant industrial examples. The text assumes a solid background in analog and digital circuits and a working knowledge of computers and computer programming. *An Introduction to Mixed-Signal IC Test and Measurement, Second Edition*, includes examples and illustrations--featuring state-of-the-art industrial technology--to enrich and enliven the text. The book also introduces large-scale mixed-signal circuit and individual circuit tests, discusses the value-added benefits of mixed-signal IC testing to a manufacturer's product, and clearly defines the role of the test engineer.

Book Information

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Customer Reviews

This book is great resource to people who want to get basics of test engineering considering Mixed-Signal IC. It gives also a crash course to testability structures and test coverage design. New edition also brings it up to correct decade, since parts of the old (2001) edition was already a bit outdated, although this is common in a such fast paced industry of IC design and test.

Excellent mixed signal book

Good Book!

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