

[PDF] The Design Of CMOS Radio-Frequency Integrated Circuits, Second Edition

Thomas H. Lee - pdf download free book



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Description:

Review "Tom Lee has written a terrific book. Everyone that visits my office wants to borrow it, and I tell them to go buy their own."

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"[A] useful reference both for students in advanced courses and for engineers in the field."

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"Tom Lee's love of, and deep involvement in, radio-frequency integrated circuits is immediately obvious upon glancing through this excellent and original book. Some of his viewpoints are controversial; but this, in fact, makes this stimulating, hard-to-put-down book all the more interesting."

Yannis Tsvividis, Columbia University

□Thomas Lee uses [an] engaging history lesson as a starting point for this 797-page guide to the design of gigahertz RF ICs. In the second edition, Lee has tweaked all of the first-edition material and added additional information...The author's conversational writing style interspersed with lighthearted humor is enjoyable to read.□

Electronic Design

"...The first edition of this book, published in 1998, was a pioneering textbook on the field of RF CMOS design. This second edition is a very interesting and upgraded version that includes new material and revised topics...This second edition, which is upgraded and improved, is really useful, both in the industry and academia, for the new generation of RF engineers...and is a valuable reference for practicing engineers..."

IEEE Circuits and Devices Magazine

Book Description This expanded and thoroughly revised edition of Thomas H. Lee's acclaimed guide to the design of gigahertz RF integrated circuits features a completely new chapter on the principles of wireless systems. The chapters on low-noise amplifiers, oscillators and phase noise have been significantly expanded as well. The chapter on architectures now contains several examples of complete chip designs that bring together all the various theoretical and practical elements involved in producing a prototype chip. To complement the new material, every other section of the book has been revised and updated.

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