



Single user / Non-Library usage

US\$ 29.00

Print-On-Demand (P.O.D)

US\$ 100.00

Multi user / Library usage

US\$ 114.00

Authors:

Steve Hung-Lung Tu
Taiwan

Ding-Lan Shen
Taiwan

Rong-Jyi Yang
Taiwan

eISBN: 978-1-60805-037-6

Analog Circuit Design for Communication SOC

www.ebooks.benthamscience.com/book/9781608050376

About the eBook

This eBook provides several state-of-the-art analog circuit design techniques. It presents both empirical and theoretical materials for system-on-a-chip (SOC) circuit design. This is an excellent reference book for both circuit designers and researchers who are interested in the field of design of analog communication circuits for SOC applications.

Contents

- ▶ Introduction to SOC: Analog Communication Circuit Design Perspective
- ▶ Wireless Carrier Frequency Conversion: Mixer Design
- ▶ Wireless Signal Transmission: Power Amplifier Design
- ▶ System Timing Generation: Phase-Locked Loop Design
- ▶ Delay-Locked Loop and Clock Data Recovery for Wired Communications
- ▶ Nyquist-Rate Data Converters for Signal Conversion
- ▶ Oversampling Data Converters for Signal Conversion
- ▶ DC-DC Power Regulator Design

For Sales and Advertising Inquiries: Contact: marketing@benthamscience.net