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IC Design Insights - from Selected Presentations at CICC 2017

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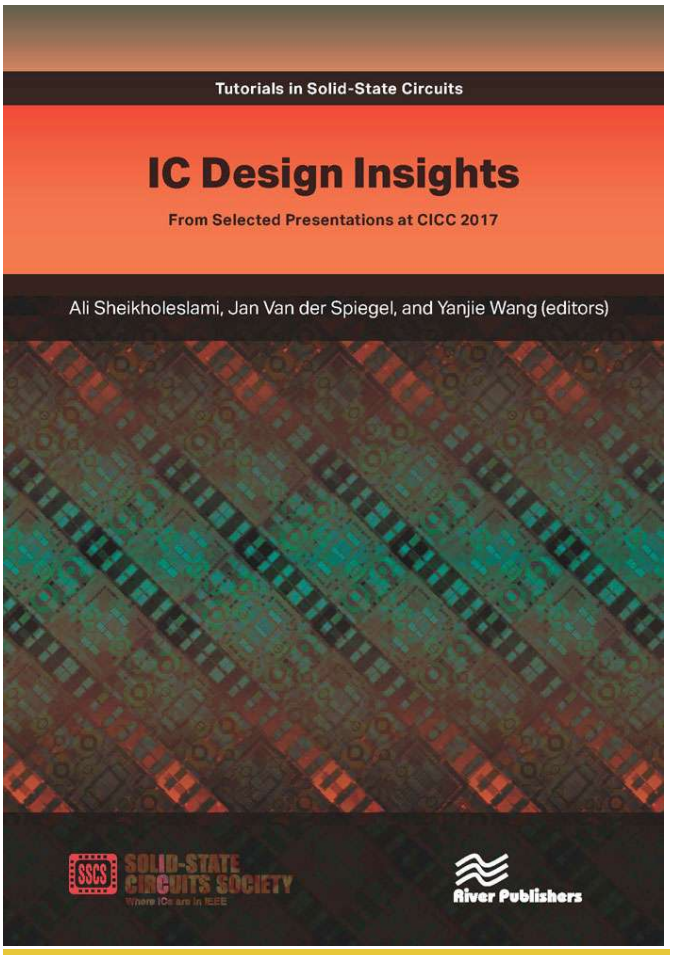
Jan Van der Spiegel, University of Pennsylvania, USA

Yanjie Wang, Intel Corporation, USA

This book contains a selection of tutorial and invited presentations that were given at the IEEE CICC 2017 in Austin, Texas. The selection of the talks was made to provide a comprehensive coverage of key topics, including Circuits Techniques for mm-wave front-ends, RF and mm-wave receivers and frequency synthesis, data and DC-DC converters, and techniques for IoT security.

The book is organized into five parts, namely:
I: Millimeter-wave Transmitter Circuits
II: Millimeter-wave and RF Receiver Circuits
III: Data Converters
IV: DC-DC Converters and Voltage Regulators
V: IoT Security Circuits and Techniques

The book is part of an educational initiative of the IEEE Solid-State Circuits Society to offer its members state of the art educational material.



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