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# Advanced Tutorial on Analog Circuit Design

**Editors:**

Milin Zhang, Tsinghua University, China

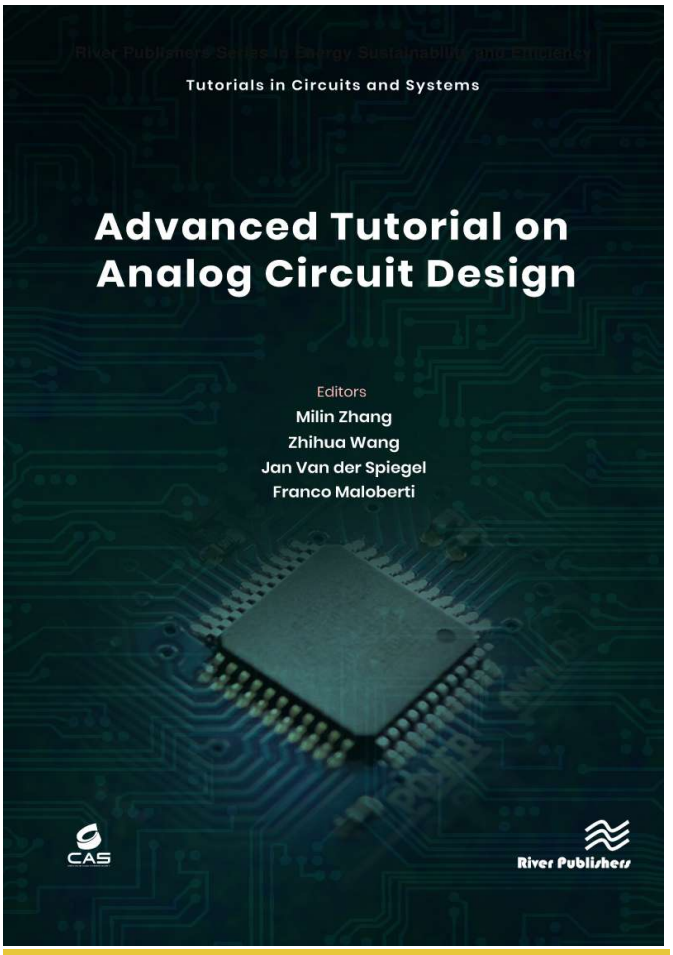
Zhihua Wang, Tsinghua University, China

Jan Van der Spiegel, University of Pennsylvania, USA

Franco Maloberti, University of Pavia, Italy

This book is a summary of analog circuit design related lectures from IEEE Advanced CMOS Technology School (ACTS) 2019. The topics cover continuous-time delta-sigma data converter, switched-capacitor power converter, ADC and power management IC. The slides are selected from the handouts, while the text was edited according to the lecturers talk.

ACTS is a joint activity supported by the IEEE Circuit and System Society (CASS) and the IEEE Solid-State Circuits Society (SSCS). The goal of the school is to provide society members as well researchers and engineers from industry the opportunity to learn about new emerging areas from leading experts in the field. ACTS is an example of high-level continuous education for junior engineers, teachers in academe, and students. ACTS was the results of a successful collaboration between societies, the local chapter leaders, and industry leaders.




## River Publishers Series in Electronic Materials, Circuits and Devices

**e-ISBN:** 9781003388524
**Available From:** August 2023
**Price:** € 110.00

**KEYWORDS:**
Continuous-time Delta-Sigma Data Converter, Switched-Capacitor Power Converter, ADC, Power Management IC.

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