

Preface

This book is part of the Analog Circuit Design series and contains the contributions from all 18 speakers of the 25th Workshop on Advances in Analog Circuit Design (AACD). This year, the sponsors of the workshop were Infineon (main sponsor), Joanneum Research Center, INTEL, and IEEE Solid-State Circuits Society Austrian and Italian Chapters. The workshop was held at the Infineon site in Villach (Austria), from April 26 to 28, 2016. The book comprises three parts, covering topics in advanced analog and mixed-signal circuit design that we consider to be of great interest to the circuit design community:

- Continuous-Time Sigma-Delta Modulators for Transceivers
- Automotive Electronics
- Power Management

Each part consists of six chapters written by experts in the field. The aim of the AACD workshop is to bring together a group of expert designers to discuss new developments and future options. Each workshop is then followed by the publication of a book by Springer as part of their successful series on Analog Circuit Design. This book is the 25th in this series (a full list of the previous topics can be found on the following page). The series can be seen as a reference for all people involved in analog and mixed-signal design. We are confident that this book, like its predecessors, will prove to be a valuable contribution to our analog and mixed-signal circuit design community.

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Wideband Continuous-time $\Sigma\Delta$ ADCs, Automotive
Electronics, and Power Management

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