

# Preface

This book is part of the Analog Circuit Design series and contains contributions of all 18 speakers of the 22nd workshop on Advances in Analog Circuit Design (AACD). The local chairs were Dominique Morche (from CEA-Leti) and Angelo Nagari (from ST-Ericsson). The sponsors of the workshop this year have been CEA-Leti, Minatec, STMicroelectronics, and ST-Ericsson. The workshop was held at Minatec in Grenoble, France, in April 16–18, 2013.

The book comprises three Parts, covering advanced analog and mixed-signal circuit design fields that are considered highly important by the circuit design community:

- Frequency References
- Power Management for SoC
- Smart Wireless Interfaces

Each Part is set up with six papers from 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 followed by the publication of a book by Springer in their successful series of Analog Circuit Design. This book is the 22nd in this series. The book series can be seen as a reference for all people involved in analog and mixed-signal design. The full list of the previous books and topics in the series is given next.

We are confident that this book, like its predecessors, proves to be a valuable contribution to our analog and mixed-signal circuit design community.

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Frequency References, Power Management for SoC,  
and Smart Wireless Interfaces

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