

Special Issue

Advanced Techniques for Analog and Power Integrated Circuit Design

Message from the Guest Editor

The Special Issue on "Advanced Techniques for Analog Integrated Circuit Design and Power Integrated Circuit Design" aims to explore the latest advancements and methodologies in the field of analog and power integrated circuit (IC) design. Topics of interest include, but are not limited to, the following:

- Energy harvesting and power management and power amplifier design for IoT devices;
- High-speed analog-to-digital converters for high-frequency communication systems;
- Design techniques for power-efficient voltage regulators;
- Noise reduction and signal integrity in analog integrated circuits;
- Optimization techniques for power ICs in renewable energy applications;
- Design methodologies for mixed-signal integrated circuits;
- Novel approaches for thermal management in power ICs;
- Circuit design techniques for improved power efficiency in automotive electronics.

Guest Editor

Dr. Hyemin Kang

Department of Energy Engineering, Korea Institute of Energy Technology(KENTECH), 21, Kentech-gil, Naju-si 58330, Jeollanam-do, Republic of Korea

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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

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