Special Issue

Ultra Low Power Integrated Circuits for IoT

Message from the Guest Editors

This Special Issue aims to cover emerging trends and techniques to design ultra-low-power integrated circuits and to attract original research outcomes related to ultra-low-power, ultra-low-voltage, digital-based, and fully synthesizable circuits to enable the next generation of IoT devices. The topics of interest include, but are not limited to:

- Ultra-low-power signal conditioning circuits for IoT;
- Energy-efficient analog and mixed-signal circuits;
- Power/voltage scalable analog and mixed-signal circuits;
- IC solutions for ultra-low-voltage, energy, and standby power consumption systems;
- Energy harvesting and power management circuits for IoT devices;
- Ultra-low power circuit design techniques for a variety of IC building blocks such as amplifiers, voltage and current references, analog filters, data converters, and voltage regulators;
- Ultra-low-power hardware architectures for energy-constrained devices;
- Ultra-low-power/voltage ICs for instrumentation and communication applications.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2024)

Electronics

an Open Access Journal by MDPI

Impact Factor 2.6
CiteScore 6.1

mdpi.com/si/145004

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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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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