

Special Issue

Analog and Mixed Circuit: Design and Applications

Message from the Guest Editors

Analog and mixed-signal circuits play critical roles in a world increasingly dominated by digital electronics. It is vital to interface with the physical world through sensors, a task requiring an analog output. Looking into the future, we must embrace an era of universal connection and ubiquitous world-machine interactions. This trend includes various applications, e.g., in biomedical, environmental sensing, electric automotive, energy harvesting and 6G communication, bringing enormous opportunities and challenges to analog and mixed-signal circuit design. In this context, this Special Issues calls for in-depth studies of analog and mixed-signal circuit designs and applications. This should include, but are not limited to:

- Sensor interface circuits and systems;
- Power management circuits and systems;
- Analog-to-digital and digital-to-analog converters;
- Bio-medical and health care circuits and systems;
- IoT sensors systems and energy harvesting circuits;
- Food and Environmental monitoring circuits and systems;
- Design with emerging technologies such as flexible, thin-film devices.

Guest Editors

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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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