

Special Issue

Analog and Mixed-Signal Circuit Designs and Their Applications

Message from the Guest Editors

The advancement of digital integrated circuits has undoubtedly driven the development of various hardware design technologies, including the field of artificial intelligence. However, as systems have become more sophisticated, there has been a growing need to design analog and mixed-signal integrated circuits optimized for various application domains. Therefore, in this Special Issue, we will cover various techniques for the design of analog and mixed-signal integrated circuits and their diverse applications, aiming to explore various circuit design techniques for emerging application areas. Keywords:

- analog integrated circuits
- mixed-signal integrated circuits
- power management integrated circuits
- sensor interface integrated circuits
- analog-to-digital converter
- digital-to-analog converter

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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.

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