

Special Issue

Challenges and Opportunities in Signal and Power Integrity: Theory and Applications

Message from the Guest Editors

Signal and power integrity (SI/PI) are essential and interlaced aspects of contemporary advanced digital and hybrid electronic system design. This Special Issue wishes to offer the opportunity to engineers and scientists to exchange state-of-the-art developments in the field of signal and power integrity applied to any kind of high-speed circuit and system, to the modeling, design, validation, and testing of electronic hardware.

Keywords:

- signal and power integrity
- high-speed digital circuits
- analog circuits
- RF systems
- IC and packages
- materials performance
- signal and power integrity measurements and sensors
- numerical simulations and EDA tools
- electromagnetic interferences
- Artificial Intelligence
- Internet of Things applications

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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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