

## Special Issue

# Circuit Design for Embedded Systems

### Message from the Guest Editors

Topics of interest include, but are not limited to, PCB size reduction techniques, performance optimization of embedded systems, integration of software/hardware systems for signal monitoring, implementation of AI algorithms on circuits, and data collection, storage, and processing for embedded applications. Contributions from interdisciplinary teams are especially encouraged, as are systematic survey papers exploring recent advancements in these areas. We invite researchers to share novel achievements and insights in the following (but not limited to) topics of interest:

- Embedded systems for low-, medium-, and high-frequency ultrasonic applications, as well as infrared.
- Development of wearable devices for non-invasive parameter assessment.
- Embedded systems for biomedical, energy, and environmental applications.
- Energy harvesting solutions designed and implemented for embedded systems.
- AI techniques developed and deployed in embedded system applications.

We look forward to your valuable contributions to this Special Issue, driving innovation and progress in the field of circuit design for embedded systems.

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### Guest Editors

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### Deadline for manuscript submissions

31 March 2026



## Electronics

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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.

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### Editor-in-Chief

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