

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.

Guest Editors

Dr. Filippo Laganà

Department of Health Science, Magna Græcia University, 88100 Catanzaro, Italy

Prof. Dr. Antonino S. Fiorillo

BATS Laboratory, Department of Health Science, Magna Græcia University, 88100 Catanzaro, Italy

Deadline for manuscript submissions

31 March 2026



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/225595

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)



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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus /
SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 16.8 days after
submission; acceptance to publication is undertaken in 2.4
days (median values for papers published in this journal in
the first half of 2025).