Chips

MDPI

Message from the Editor-in-Chief

Chips is a new journal with the aim to become a leading reference on all aspects of the IC domain. The journal is devoted to publishing rigorously peer-reviewed articles (such as original research, reviews, and communications) with the specific target to disseminate novelties in terms of research and knowledge as well as the most advanced state of the art on IC technologies, design, testing, and production. The journal offers the opportunity to actively spread new concepts and advancements in the IC domain and its increasing interrelated and multidisciplinary areas in a timely manner. More specifically, the journal will cover chip design, including CAD tools, chip production, and their wide spectrum of applications.

Editor-in-Chief
Prof. Dr. Gaetano Palumbo

Aims

Chips (ISSN 2674-0729) aims to provide an advanced forum for the science, technology and design of chips and their applications. *Chips* publishes full and original research articles, reviews, and communication. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. Therefore, there is no restriction on the maximum length of the papers. The full experimental details must be provided so that the results can be reproduced. Additionally, electronic files providing full details of the calculations and experimental procedures can be deposited as supplementary materials.

Scope

Designs of Chips:

- Micro and nano-electronics
- Analog, digital, and mixed-signal domain
- Baseband, RF and microwave frequencies
- All levels of abstraction, from device or transistor level to system and architecture level
- Typical IC products such as microprocessors and microcontrollers, memories, ASICs, FPGAs, SOCs (system-on-chips) and NOCs (network-on-chips)

Chip production:

- Manufacturing (fabrication and packaging) of chips;
- Testing and evaluating of chips
- Materials for chips

Author Benefits

Open Access
Unlimited and free access for readers

No Copyright Constraints
Retain copyright of your work and free use of your article

Thorough Peer-Review

Rapid Publication
A first decision is provided to authors approximately 22.2 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the second half of 2024)

No Space Constraints, No Extra Space or Color Charges
No restriction on the maximum length of the papers, number of figures or colors

Discounts on Article Processing Charges (APC)
If you belong to an institute that participates with the MDPI membership program
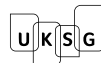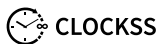
MDPI is a member of

MDPI