Special Issue

Advances in Power-Management Integrated Circuits

Message from the Guest Editor

Power-management integrated circuit (PMIC) design impacts power-usage efficiency in system-on-a-chip. The ultimate goal is to integrate all required passive components to the PMIC chips to achieve local on-chip regulation, while the chip-area cost due to on-chip passive components can be further reduced. This special issue “Advances in Power-management Integrated Circuits” is focused on bringing together innovative developments of dc-dc converters. We invite prospective authors to submit outstanding research and development results in topics that include but are not limited to the following:

- Ultra-low-power voltage references
- Analog and digital low-dropout regulators
- Switch-inductor dc-dc converters
- Switch-capacitor dc-dc converters
- Energy-harvesting circuits
- Wireless power transfer

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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