



Energy Harvesting Circuits and Systems for Low-Power IoT Devices

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Deadline for manuscript
submissions:

closed (15 February 2022)

Message from the Guest Editor

Dear Colleagues,

The purpose of this Special Issue is to address the advances in energy harvesting circuits and systems to run low-power IoT devices. We welcome original manuscripts covering recent advances in energy harvesting circuits and systems including, but not limited to, the following topics:

- Circuits and systems for high efficiency power management/delivery for self-powered/battery-assisted low-power IoTs.
- Efficient converters for low voltage energy harvesting sources.
- Multi-input/-output energy harvesting systems, supporting multi-voltage domains in low-power IoTs.
- Maximum power point transfer techniques and algorithms for various energy harvesting sources.
- Voltage regulation techniques and the support for wide load current.
- Algorithms to support various modes of operation in IoT (sleep mode, active mode, etc.) based on the available energy.
- Other power management techniques, including startup circuits, zero current switching circuits, low voltage monitoring circuits, and power-on sequence.



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Special Issue



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Message from the Editor-in-Chief

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