



Advanced Interface Circuits for Sensor Systems (Volume II)

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Deadline for manuscript
submissions:

30 November 2024

Message from the Guest Editors

Dear Colleagues,

Sensors are widely used in healthcare, automobiles, consumer electronics, industrial applications, and so forth. These industries expect high-quality and intelligent sensor circuits. In an era of digital technology, digital-aware or software-aware sensor circuits are a major design agenda. With the combination of artificial intelligence (AI) and the Internet-of-Things (IoT) as one of the driving forces, this has posed further design criteria and constraints to the interface circuits that aim to enhance the detection capability through the assistance of AI. It turns out that the interface circuits, which may be coupled with intelligent peripheral support circuits, can provide advanced features to meet high-performance-aware specifications or high-adaptability, etc., and, therefore, realize smart functions through smart program control. These design concerns impose design challenges and cause a paradigm shift in the design approach to designers or researchers in this emerging field. This Special Issue will publish papers that explore the potential solutions to tackle these issues.

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Message from the Editor-in-Chief

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