



Microwave/MM-Wave Components for Communications and Sensors

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Message from the Guest Editors

This Special Issue focuses on emerging technologies using microwave and mm-wave components for communications and sensors. In the midst of the fourth industrial revolution, advanced technologies like 5G/6G communications, the Internet of Things (IoT), and artificial intelligence, based on cloud computing and high-performance computing, have revolutionized information technology. This revolution necessitates a huge volume of digital data transmission on a fast time scale. Modern digital circuits often reach data rates in the tens of Gbps, and a high-speed digital signal, composed of the fundamental frequency and its harmonics, tends to occupy a very wide bandwidth, extending up to mm-wave frequencies. Microwave and mm-wave components are also used for various sensor and diagnostic applications. Therefore, this Special Issue will cover various emerging research topics on microwave and mm-wave technologies for communications and sensors.





sensors



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Message from the Editor-in-Chief

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