



5G Front-End Transceivers

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Message from the Guest Editors

The forthcoming next generation of mobile networks (5G) with the foreseen multi-Gbps high capacity (thousands of times greater than the present capacity) and massive IoT (billions of users), will influence the whole transmission system, with the start of new services and applications.

Among the various blocks, the front-end transceiver will be updated and re-defined to cope with the new scenario. The present Special Issue is focused on presenting technical papers covering the various aspects of the front-end transceiver, designed to address the new requirements at the system and circuit levels. Advanced signal processing will complete but not limit the scope of the Special Issue.

- Power amplifier
- MIMO antenna systems
- Phased array
- LNA
- ADC up-conversion
- DDS
- DSP





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Message from the Editor-in-Chief

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