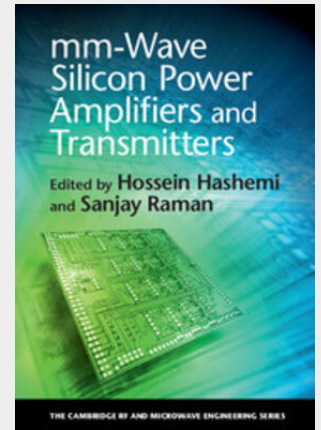


MM-Wave Silicon Power Amplifiers and Transmitters

Build high-performance, spectrally clean, energy-efficient mm-wave power amplifiers and transmitters with this cutting-edge guide to designing, modeling, analysing, implementing and testing new mm-wave systems. Suitable for students, researchers and practicing engineers, this self-contained guide provides in-depth coverage of state-of-the-art semiconductor devices and technologies, linear and nonlinear power amplifier technologies, efficient power combining systems, circuit concepts, system architectures and system-on-a-chip realizations. The world's foremost experts from industry and academia cover all aspects of the design process, from device technologies to system architectures. Accompanied by numerous case studies highlighting practical design techniques, tradeoffs and pitfalls, this is a superb resource for those working with high-frequency systems.



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