

## Wireless communication circuits and systems

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20452197&lokasi=lokal>

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### Abstrak

Wireless and mobile communications is a fast growing area and has an enormous impact on almost every aspect of our daily lives. This new book examines integrated circuits, systems and transceivers for wireless and mobile communications. It covers the most recent developments in key RF, IF, analogue, mixed-signal components and single-chip transceivers in CMOS technology, a preferred technology for system on chip design. The book takes a top-down approach from wireless communications systems, mobile terminals/transceivers, to constituent blocks, and covers the whole range of analogue, mixed signal, baseband, IT and RF circuits in a systematic way.