This book focuses on components such as filters, transformers, amplifiers, mixers, and oscillators. Even the phase lock loop chapter (the last in the book) is oriented toward practical circuit design, in contrast to the more systems orientation of most communication texts.

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This book expands upon the first edition to include novel applications of RF technology, an area which continues to grow and evolve. The updated text provide practicing engineers and students with a thorough basis for design of RF circuits, including phase locked loops, filters, transformers, amplifiers, mixers, and oscillators.

FEATURES

• Updates first edition to explain new techniques for RF design, particularly a better understanding of RF power amplifiers.

• Expands upon class D and E power amplifier treatment.

• Includes problems at the end of each chapter to aid in learning process.

• Provides summary tables, graphs, equations, and SPICE examples.

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