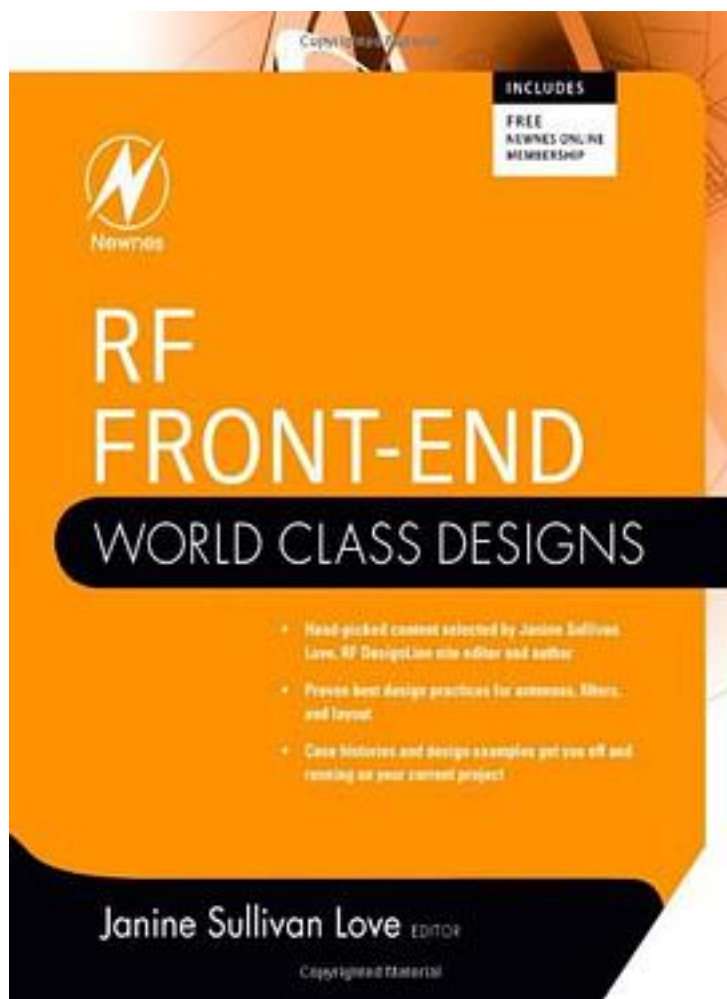


RF Front-End



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著者:Love, Janine 编

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All the design and development inspiration and direction a hardware engineer needs in one blockbuster book! Janine Love site editor for RF Design Line, columnist, and author

has selected the very best RF design material from the Newnes portfolio and has compiled it into this volume. The result is a book covering the gamut of RF front end design from antenna and filter design fundamentals to optimized layout techniques with a strong pragmatic emphasis. In addition to specific design techniques and practices, this book also discusses various approaches to solving RF front end design problems and how to successfully apply theory to actual design tasks. The material has been selected for its timelessness as well as for its relevance to contemporary RF front end design issues.

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Chapter 1 Radio waves and propagation

Chapter 2 RF Front End Design

Chapter 3 Radio Transmission Fundamentals

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Chapter 9 RF/IF Circuits

Chapter 10 Filters

Chapter 11 Transmission Lines and PCBs as Filters

Chapter 12 Tuning and Matching

Chapter 13 Impedance Matching

Chapter 14 RF Power Linearization Techniques

*Hand-picked content selected by Janine Love, RF DesignLine site editor and author

*Proven best design practices for antennas, filters, and layout

*Case histories and design examples get you off and running on your current project

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