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| 1. Record Nr. | UNINA9910142493203321 |
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| Titolo | Fundamentals of RF circuit design : with low noise oscillators // Jeremy Everard |
| Pubbl/distr/stampa | Chichester, West Sussex, England : , : John Wiley & Sons, Ltd, , 2001 ©2001 |
| ISBN | 1-280-62203-2 9786610622030 0-470-84175-3 0-470-85339-5 |
| Descrizione fisica | 1 online resource (312 p.) |
| Disciplina | 621.38412 |
| Soggetti | Radio circuits - Design and construction Radio frequency oscillators Electronic noise |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references at the end of each chapters and index. |
| Nota di contenuto | FUNDAMENTALS OF RF CIRCUIT DESIGN with Low Noise Oscillators; Contents; Preface; Acknowledgements; 1 Transistor and Component Models at Low and High Frequencies; 2 Two Port Network Parameters; 3 Small Signal Amplifier Design and Measurement; 4 Low Noise Oscillators; 5 Mixers; 6 Power Amplifiers; 7 'Real Time' Large Signal Modelling; Index |
| Sommario/riassunto | The art of RF circuit design made simple.....Radio Frequency circuits are the fundamental building blocks in a vast array of consumer electronics and wireless communication devices. Jeremy Everard's unique combination of theory and practice provides insight into the principles of operation, together with invaluable guidance to developing robust and long-lasting circuit designs.Features include:? Simplified approach to RF circuit theory and device modelling using algebraic approximations to illustrate the important underlying principles.? A comprehensive design guide to low noise |

