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This straightforward volume takes a distributed, transmission line approach to RF circuit design, with a focus on methodology fundamentals and minimal discussion of theoretical concepts. The Second Edition introduces RF design tools such as the Smith Chart, dual port networks, S-parameters, and provides extensive coverage of RF filter design, matching networks, active and passive device modeling, narrow and broadband amplifiers, mixers, and oscillators. Approaches RF design from a circuit perspective, so readers need little or no background in electromagnetic fields. Prominently features key RF concepts in sidebars throughout the text. For anyone interested in learning more about RF circuit design.