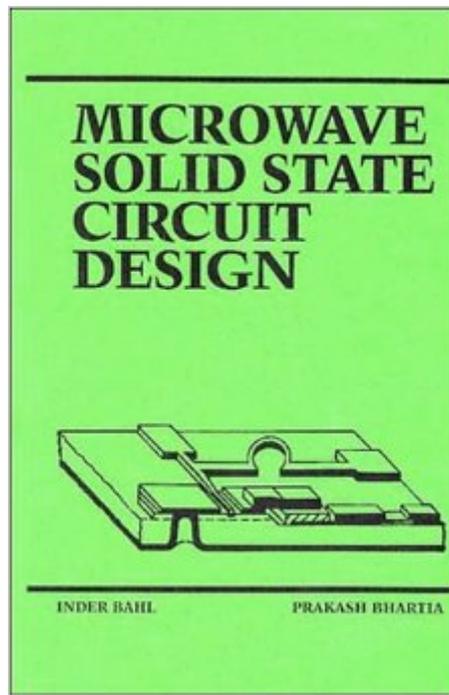


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# Microwave Solid State Circuit Design



## Synopsis

This contributed volume presents a comprehensive discussion of the design of passive circuits, solid state devices, and microwave solid state circuits. Because this is a very diversified area, the subject can only be covered well by a team of authors who are specialists in different topics. The editors of this book have brought together just such a team. Coverage is state-of-the-art and includes extensive references and problems. Topics covered include transmission lines and lumped elements, resonators, impedance matching networks, hybrids and couplers, filters, active and passive solid state devices, oscillators, amplifiers, detectors and mixers, microwave control circuits, frequency multipliers and dividers, computer-aided design, microwave integrated circuits, and future trends in microwave circuits. Appendixes cover S-parameters and ABCD parameters; transfer functions: Bessel, Butterworth, Chebyshev, Gaussian, etc.; nonreciprocal components, and noise.

## Book Information

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The book with nearly all about microwaves. If anybody wants facts and knowledge for fast developement of transmission lines, matching networks, resonators, coupling structures, filters,oscilators, mixers, detectors, amplifiers, microwave control circuits ...If your answer is yes, you need this book.You will get more than I can say with few words. It is not cheap, but it's price really reflects it's value . Book gives you deep insight into wide spectrum of microwave world and reveals it as simple as possible. I have this book three years and it is always on table reacheable with hands.

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