



RF and microwave hybrid circuits - foundation materials and processes

By BEN SHE.YI MING

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 0 Publisher: Water Power Press Pub. Date :2006-11 -01 In recent years, wireless communications, automotive electronics and defense electronics industry, the development of electronic systems for high-frequency fast-growing demand. And monolithic microwave integrated circuit (MMIC) echoes the continued development, hybrid microwave integrated circuit (HMIC) of new materials and new technology also has made significant progress. Book begins with the basic concepts of radio frequency microwave briefly introduced, compared monolithic microwave integrated circuits and hybrid microwave integrated circuit characteristics, described as the basis of RF Microwave components, transmission lines and hybrid technology, waveguide structure; then RF microwave applications point of view of basic materials (conductors, dielectric and substrate) and its properties were discussed, including them for the impedance, high-frequency performance of the circuit; Finally, we discuss a variety of hybrid microwave integrated circuit application process. Book is suitable for hybrid microwave integrated circuit (HMIC) developed by design engineers, process engineers and materials engineers to read, also suitable for higher education in electrical engineering, microelectronics and microwave engineering senior undergraduate and graduate teaching reference books. Contents: Chapter 1 hybrid...

Reviews

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This is basically the best pdf i have read through until now. It is filled with knowledge and wisdom I am easily can get a enjoyment of studying a created book.

-- Dr. Carmine Hayes MD