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ARTECH HOUSE U.K. - RF MEMS Circuit Design for Wireless ... Library of Congress Cataloging-in-Publication Data De Los Santos, H0ctor J. RF MEMS circuit design for wireless communications/H0ctor J. De Los Santos. p. cm.5(Artech House mic

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Figure 5.8 Single-bit TTD test results. Insertion loss from both the matched and unmatched delay circuits are compared with the loss from a straight 40Q microstrip line. (Source: [23] ©2001 IEEE. Courtesy of Drs. R. E. Mihalovich and J. DeNatale.) - "RF MEMS Circuit Design for Wireless Communications"

Figure 5.8 from RF MEMS Circuit Design for Wireless ... Corpus ID: 108017220. RF MEMS Circuit Design for Wireless Communications @inproceedings{Santos2002RFMC, title={RF MEMS Circuit Design for Wireless Communications}, author={H. Santos}, year={2002} }

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This innovative resource also guides you through the design process of Rf Mems-based circuits, and establishes a practical knowledge base for the design of high-yield Rf Mems-based circuits. The book features exercises and detailed case studies on working Rf Mems circuits that help you decide what approaches best fit your design constraints.

RF MEMS Circuit Design for Wireless Communications. Santos ...

A radio-frequency microelectromechanical system is a microelectromechanical system with electronic components comprising moving sub-millimeter-sized parts that provide radio-frequency functionality. RF functionality can be implemented using a variety of RF technologies. Besides RF MEMS technology, III-V compound semiconductor, ferrite, ferroelectric, silicon-based semiconductor, and vacuum tube technology are available to the RF designer. Each of the RF technologies offers a distinct trade-off b

Radio-frequency microelectromechanical system - Wikipedia

Radio frequency (RF) is the oscillation rate of an alternating electric current or voltage or of a magnetic, electric or electromagnetic field or mechanical system in the frequency range from around 20 kHz to around 300 GHz.This is roughly between the upper limit of audio frequencies and the lower limit of infrared frequencies; these are the frequencies at which energy from an oscillating ...

Radio frequency - Wikipedia

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