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~~etc...~~→ Design example of a CMOS LC VCO (tuning ~ 3 to 6 GHz)
#91: Basic RF Attenuators - Design, Construction, Testing - PI and T style - A Tutorial

Tutorial-42: Multi-Layer RF Layout - VIA Teardrop, Keepouts, Avoidance Routing and More...What is RF? Basic Training

Fundamentals of RF and Wireless Communications

Fairchild Briefing on Integrated Circuits

Lecture 1 - Introduction to RF Design Tradeoffs Fading

Diversity.flvISSCC 2015: Willy Sansen, Analog CMOS from 5

Micrometer to 5 Nanometer ~~MOS Transistor Basics I~~

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Evolutional of the SAR ADC Michael Flynn Design Of Cmos Rf

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The Design of CMOS Radio-Frequency Integrated Circuits
Hardcover □ Illustrated, 4 Mar. 2004

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This book provides the most comprehensive and in-depth coverage of the latest circuit design developments in RF CMOS technology. It is a practical and cutting-edge guide, packed with proven circuit techniques and innovative design methodologies for solving challenging problems associated with RF integrated circuits and systems.

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Designing CMOS Radio Frequency Integrated Circuits (RFIC) The Radio Frequency Integrated Circuit (RFIC) is one of the core technologies that allowed wireless Internet to become a commodity today. Almost all portable computers, mobile devices or RF ID tags incorporate RFIC.

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RF CMOS is a metal-oxide-semiconductor integrated circuit technology that integrates radio-frequency, analog and digital electronics on a mixed-signal CMOS RF circuit chip. It is widely used in modern wireless telecommunications, such as cellular networks, Bluetooth, Wi-Fi, GPS receivers, broadcasting, vehicular communication systems, and the radio transceivers in all modern mobile phones and wireless networking devices. RF CMOS technology was pioneered by Pakistani engineer Asad Ali ...

RF CMOS - Wikipedia

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The course covers design aspects of RF IC circuits and systems. Fundamental RF circuit theory (matching, noise and distortion) and design and analysis of CMOS RF circuits like filters (passive), amplifiers (LNA, PA), mixers, voltage and injection locked oscillators (VCOs and ILOs) as well as phase-locked loops (PLLs) will be covered in depth.

IN5240 □ Design of CMOS RF-Integrated Circuits ...

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In 1985 he joined UCLA, where he pioneered RF CMOS technology in the late 1980s. His work changed the way in which RF circuits would be designed, away from discrete bipolar transistors and towards CMOS integrated circuits. Abidi was researching analog CMOS circuits for signal processing and communications during the late 1980s to early 1990s.

Mixed-signal integrated circuit - Wikipedia

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The Design of CMOS Radio-Frequency Integrated Circuits: Author: Thomas H. Lee: Edition: illustrated, revised: Publisher: Cambridge University Press, 2004: ISBN: 0521835399, 9780521835398: Length: 797 pages: Subjects

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