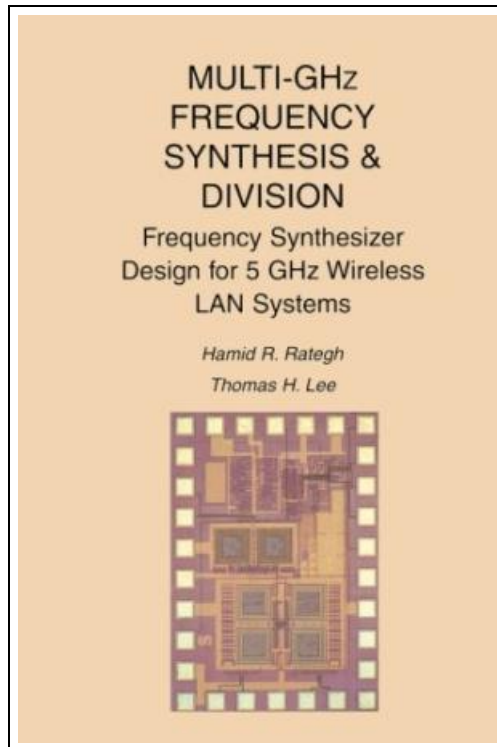


Multi-GHz Frequency Synthesis Division: Frequency Synthesizer Design for 5 GHz Wireless LAN Systems (Paperback)



Filesize: 4.23 MB

Reviews

This publication is definitely worth getting. I actually have go through and so i am sure that i will gonna read through again yet again later on. I am just quickly can get a satisfaction of looking at a created pdf.
(Hailee Armstrong 1)

MULTI-GHZ FREQUENCY SYNTHESIS DIVISION: FREQUENCY SYNTHESIZER DESIGN FOR 5 GHZ WIRELESS LAN SYSTEMS (PAPERBACK)

[DOWNLOAD](#)

Springer-Verlag New York Inc., United States, 2013. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.In the past 10 years extensive effort has been dedicated to commercial wireless local area network (WLAN) systems. Despite all these efforts, however, none of the existing systems has been successful, mainly due to their low data rates. The increasing demand for WLAN systems that can support data rates in excess of 20 Mb/s enticed the FCC to create an unlicensed national information infrastructure (U-NII) band at 5 GHz. This frequency band provides 300 MHz of spectrum in two segments: a 200 MHz(5.15-5.35 GHz) and a 100 MHz (5.725-5.825 GHz) frequency band. This newly released spectrum, and the fast trend of CMOS scaling, provide an opportunity to design WLAN systems with high data rate and low cost. One of the existing standards at 5 GHz is the European high performance radio LAN (HIPERLAN) standard that supports data rates as high as 20 Mb/s. One of the main building blocks of each wireless system is the frequency synthesizer. Phase-locked loops (PLLs) are universally used to design radio frequency synthesizers. Reducing the power consumption of the frequency dividers of a PLL has always been a challenge. In this book, we introduce an alternative solution for conventional flipflop based frequency dividers. An injection-locked frequency divider (ILFD) takes advantage of the narrowband nature of the wireless systems and employs resonators to trade off bandwidth for power. Softcover reprint of the original 1st ed. 2001.



[Read Multi-GHz Frequency Synthesis Division: Frequency Synthesizer Design for 5 GHz Wireless LAN Systems \(Paperback\) Online](#)



[Download PDF Multi-GHz Frequency Synthesis Division: Frequency Synthesizer Design for 5 GHz Wireless LAN Systems \(Paperback\)](#)

You May Also Like



Here Comes a Chopper to Chop off Your Head

Hardback. Book Condition: New. Not Signed; Today's parents are increasingly replacing nursery rhymes with the latest pop songs, and fairy tales - now thought too scary for little ones - with cute stories about farmyard...

[Download eBook »](#)



Weebies Family Halloween Night English Language: English Language British Full Colour

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Children s Weebies Family Halloween Night Book 20 starts to teach Pre-School and...

[Download eBook »](#)



Let's Find Out!: Building Content Knowledge With Young Children

Stenhouse Publishers. Paperback. Book Condition: new. BRAND NEW, Let's Find Out!: Building Content Knowledge With Young Children, Sue Kempton, Ellin Oliver Keene, In her new book, Let's Find Out!, kindergarten teacher Susan Kempton talks about...

[Download eBook »](#)



My Life as an Experiment: One Man s Humble Quest to Improve Himself by Living as a Woman, Becoming George Washington, Telling No Lies, and Other Radical Tests

SIMON SCHUSTER, United States, 2010. Paperback. Book Condition: New. Reprint. 212 x 138 mm. Language: English . Brand New Book. One man. Ten extraordinary quests. Bestselling author and human guinea pig A. J. Jacobs puts...

[Download eBook »](#)



Shadows Bright as Glass: The Remarkable Story of One Man's Journey from Brain Trauma to Artistic Triumph

Free Press. Hardcover. Book Condition: New. 1439143102 SHIPS WITHIN 24 HOURS!! (SAME BUSINESS DAY) GREAT BOOK!!

[Download eBook »](#)