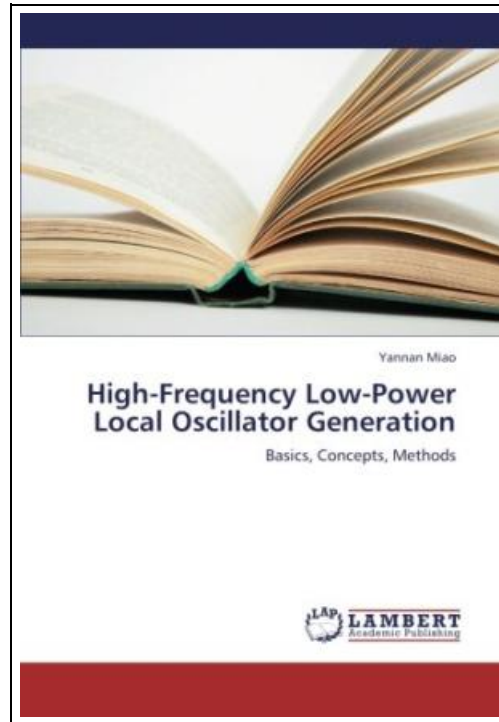


## High-Frequency Low-Power Local Oscillator Generation



Filesize: 3.81 MB

### **Reviews**

*I just started off reading this article ebook. It is actually written in basic words and not confusing. I am just very happy to let you know that this is the best ebook I actually have read through inside my individual daily life and can be the finest ebook for possibly.*  
*(Dayne Johns)*

## HIGH-FREQUENCY LOW-POWER LOCAL OSCILLATOR GENERATION

[DOWNLOAD PDF](#)

LAP Lambert Academic Publishing Sep 2012, 2012. Taschenbuch. Condition: Neu. Neuware - With rapid development in the area of RF and wireless communication, the interest in frequency synthesizers has grown rapidly in the last few years. Frequency synthesizer is used for local oscillator (LO) generation. In this thesis, our aim is to explore high-frequency low-power LO generation in CMOS technology. We focus on three most power-hungry blocks in a frequency synthesizer, which dominate the total power consumption due to their high-frequency operation, namely voltage-controlled oscillator (VCO), frequency divider and frequency multiplier, as these circuits are the bottleneck to achieve the above mentioned aim. Through reducing their power consumption, the total power consumption of the frequency synthesizer can be reduced significantly. Moreover, the phase noise of the frequency synthesizer is significantly dependent on the VCO and the frequency multiplier. These novel ideas are implemented in a 24-GHz frequency synthesizer. These designs should help those IC designers, who may be considering improving the performance of transceiver. 152 pp. Englisch.

[Read High-Frequency Low-Power Local Oscillator Generation Online](#)[Download PDF High-Frequency Low-Power Local Oscillator Generation](#)

## You May Also Like



### **Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities**

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying-arms parents...

[Read Document](#)

»



### **Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird**

Paperback. Book Condition: New. Not Signed; This is a Tinga Tinga tale inspired by traditional stories from Africa. Lion is king of Tinga Tinga but he can't roar! Can his friend Flea help Lion to...

[Read Document](#)

»



### **You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most**

Sourcebooks, Inc. Paperback / softback. Book Condition: new. BRAND NEW, You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most, Patricia Hermes, Thirteen-year-old Sarah Morrow doesn't think much of the...

[Read Document](#)

»



### **The Preschool Inclusion Toolbox: How to Build and Lead a High-Quality Program**

Brookes Publishing Co, United States, 2015. Paperback. Book Condition: New. 274 x 213 mm. Language: English . Brand New Book. Filled with tips, tools, and strategies, this book is the comprehensive, practical toolbox preschool administrators...

[Read Document](#)

»



### **Genuine entrepreneurship education (secondary vocational schools teaching book) 9787040247916(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2008-08-01 Pages: 175 Publisher: Higher Education Basic information title: entrepreneurship education...

[Read Document](#)

»

**Read Write Inc. Phonics: Orange Set 4 Storybook 5 Too Much!**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 182 x 76 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read

[Read PDF](#)

»

**Read Write Inc. Phonics: Grey Set 7 Storybook 11 a Celebration on Planet Zox**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 210 x 145 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read

[Read PDF](#)

»

**Read Write Inc. Phonics: Orange Set 4 Storybook 11 Look Out!**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 211 x 147 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read

[Read PDF](#)

»

**Nautical Coloring Book: An Advanced Adult Coloring Book of Nautical, Maritime and Seaside Scenes**

Createspace Independent Publishing Platform, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Take your coloring to the next level with this Advanced

[Read PDF](#)

»

**Boost Your Child s Creativity: Teach Yourself 2010**

Hodder Stoughton General Division, United Kingdom, 2011. Paperback. Book Condition: New. 196 x 130 mm. Language: English . Brand New Book. Every parent wants their child to achieve their full potential. Whatever your child s

[Read PDF](#)

»