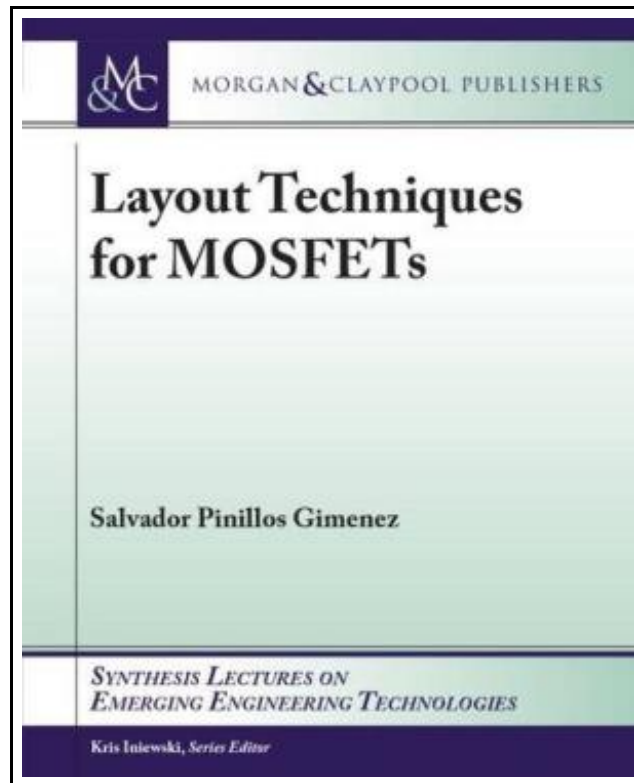


Layout Techniques in Mosfets



Filesize: 3.44 MB

Reviews

Excellent e-book and useful one. It can be rally intriguing throgh looking at time period. Once you begin to read the book, it is extremely difficult to leave it before concluding.

(Pasquale Klocko)

LAYOUT TECHNIQUES IN MOSFETS



To read **Layout Techniques in Mosfets** eBook, make sure you refer to the button below and download the ebook or have accessibility to other information which are highly relevant to LAYOUT TECHNIQUES IN MOSFETS ebook.

Morgan Claypool Publishers, United States, 2016. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.This book aims at describing in detail the different layout techniques for remarkably boosting the electrical performance and the ionizing radiation tolerance of planar Metal-Oxide-Semiconductor (MOS) Field Effect Transistors (MOSFETs) without adding any costs to the current planar Complementary MOS (CMOS) integrated circuits (ICs) manufacturing processes. These innovative layout styles are based on pn junctions engineering between the drain/source and channel regions or simply MOSFET gate layout change. These interesting layout structures are capable of incorporating new effects in the MOSFET structures, such as the Longitudinal Corner Effect (LCE), the Parallel connection of MOSFETs with Different Channel Lengths Effect (PAMDLE), the Deactivation of the Parallel MOSFETs in the Bird s Beak Regions (DEPAMBBRE), and the Drain Leakage Current Reduction Effect (DLECRE), which are still seldom explored by the semiconductor and CMOS ICs industries. Several three-dimensional (3D) numerical simulations and experimental works are referenced in this book to show how these layout techniques can help the designers to reach the analog and digital CMOS ICs specifications with no additional cost. Furthermore, the electrical performance and ionizing radiation robustness of the analog and digital CMOS ICs can significantly be increased by using this gate layout approach.



Read Layout Techniques in Mosfets Online



Download PDF Layout Techniques in Mosfets



Download ePub Layout Techniques in Mosfets

You May Also Like



[PDF] How to Make a Free Website for Kids

Access the link below to download and read "How to Make a Free Website for Kids" file.

[Read Book »](#)



[PDF] The Voyagers Series - Europe: A New Multi-Media Adventure Book 1

Access the link below to download and read "The Voyagers Series - Europe: A New Multi-Media Adventure Book 1" file.

[Read Book »](#)



[PDF] The Voyagers Series - Africa: Book 2

Access the link below to download and read "The Voyagers Series - Africa: Book 2" file.

[Read Book »](#)



[PDF] Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online

Access the link below to download and read "Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online" file.

[Read Book »](#)



[PDF] No Friends?: How to Make Friends Fast and Keep Them

Access the link below to download and read "No Friends?: How to Make Friends Fast and Keep Them" file.

[Read Book »](#)



[PDF] The Sunday Kindergarten Game Gift and Story: A Manual for Use in the Sunday, Schools and in the Home (Classic Reprint)

Access the link below to download and read "The Sunday Kindergarten Game Gift and Story: A Manual for Use in the Sunday, Schools and in the Home (Classic Reprint)" file.

[Read Book »](#)

**[PDF] Fox Tales for Kids: Fifteen Fairy Stories about Foxes for Children**

Access the hyperlink listed below to read "Fox Tales for Kids: Fifteen Fairy Stories about Foxes for Children" PDF document.

[Download PDF »](#)

**[PDF] Never Invite an Alligator to Lunch!**

Access the hyperlink listed below to read "Never Invite an Alligator to Lunch!" PDF document.

[Download PDF »](#)

**[PDF] A Cathedral Courtship (Dodo Press)**

Access the hyperlink listed below to read "A Cathedral Courtship (Dodo Press)" PDF document.

[Download PDF »](#)

**[PDF] Homeschool Your Child for Free: More Than 1,400 Smart, Effective, and Practical Resources for Educating Your Family at Home**

Access the hyperlink listed below to read "Homeschool Your Child for Free: More Than 1,400 Smart, Effective, and Practical Resources for Educating Your Family at Home" PDF document.

[Download PDF »](#)

**[PDF] Marm Lisa (Dodo Press)**

Access the hyperlink listed below to read "Marm Lisa (Dodo Press)" PDF document.

[Download PDF »](#)

**[PDF] The Story of Patsy (Illustrated Edition) (Dodo Press)**

Access the hyperlink listed below to read "The Story of Patsy (Illustrated Edition) (Dodo Press)" PDF document.

[Download PDF »](#)