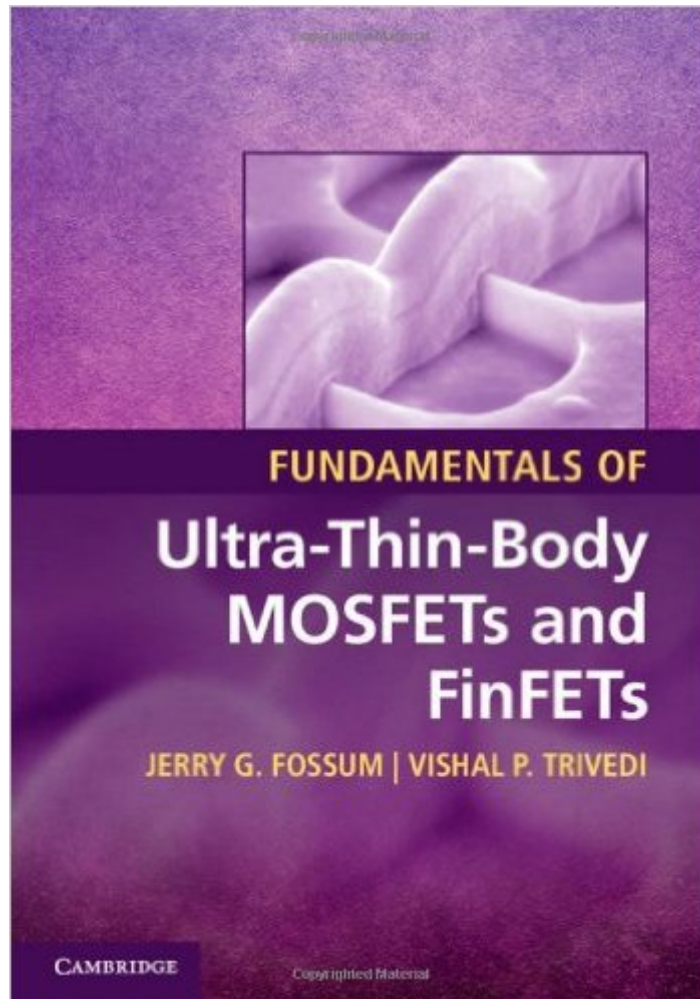


The book was found

Fundamentals Of Ultra-Thin-Body MOSFETs And FinFETs



Synopsis

Understand the theory, design and applications of the two principal candidates for the next mainstream semiconductor-industry device with this concise and clear guide to FD/UTB transistors.

- Describes FD/SOI MOSFETs and 3-D FinFETs in detail
- Covers short-channel effects, quantum-mechanical effects, applications of UTB devices to floating-body DRAM and conventional SRAM
- Provides design criteria for nanoscale FinFET and nanoscale thin- and thick-BOX planar FD/SOI MOSFET to help reduce technology development time
- Projects potential nanoscale UTB CMOS performances
- Contains end-of-chapter exercises.

For professional engineers in the CMOS IC field who need to know about optimal non-classical device design and integration, this is a must-have resource.

Book Information

Hardcover: 226 pages

Publisher: Cambridge University Press; 1 edition (October 21, 2013)

Language: English

ISBN-10: 1107030412

ISBN-13: 978-1107030411

Product Dimensions: 6.1 x 0.6 x 9.2 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars • See all reviews • (2 customer reviews)

Best Sellers Rank: #1,848,177 in Books (See Top 100 in Books) #66 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Transistors #120 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Optoelectronics #347727 in Books > Textbooks

Customer Reviews

May be I'm not good enough to read this book; it's very hard to follow.

I like this book to understand the basics on 3D structure transistors. Complicated phenomena always roots from basics.

[Download to continue reading...](#)

Fundamentals of Ultra-Thin-Body MOSFETs and FinFETs BODY BUTTER: Homemade Body Butter Recipes - 30 DIY Body Butter Recipes For Softer, Healthier, And More Radiant Skin (Body

Butter, Body Butter Recipes, natural remedies) Body Language: Body Language Training - Attract Women & Command Respect, by Mastering Your High Status Body Language (Body Language Attraction, Body Language ... Language Secrets, Nonverbal Communication) The Physics And Modeling of Mosfets (International Series on Advances in Solid State Electronics) (International Series on Advances in Solid State Electronics and Technology (Unnumbered)) Walk Your Way To Weight Loss 2nd edition: The Ultimate Guide On How To Lose Weight, Burn Fat & Stay Thin With Walking (Weight Loss, Exercise, work out, ... stay thin, energy, fitness, healing) The Thin Book of Appreciative Inquiry (3rd Edition) (Thin Book Series) BODY LANGUAGE : Decoding Alpha Male Body Language, Instantly Attract Any Woman Without Saying a Single word. (Body Language 101, Alpha male, Attract woman, ... Seduce Women, Eye Contact, Body Language) How to Have Your Cake and Your Skinny Jeans Too: Stop Binge Eating, Overeating and Dieting For Good, Get the Naturally Thin Body You Crave From the Inside Out How to Have Your Cake and Your Skinny Jeans Too: Stop Binge Eating, Overeating and Dieting For Good Get the Naturally Thin Body You Crave From the Inside Out (Binge Eating Solution Book 1) Fundamentals of Nursing: Human Health and Function (Craven, Fundamentals of Nursing: Human Health and Functionraven, Fundamentals of Nurs) The Bath and Body Book: DIY Bath Bombs, Bath Salts, Body Butter and Body Scrubs Body Language: Discover and Understand the Psychological Secrets Behind Reading and Benefitting From Body Language (Read People On Sight - Body Communication - Nonverbal Communication) Homemade Organic Skin & Body Care: Easy DIY Recipes and Natural Beauty Tips for Glowing Skin (Body Butters, Essential Oils, Natural Makeup, Masks, Lotions, Body Scrubs & More - 100% Cruelty Free) Organic Body Care Recipes Box Set: Organic Body Scrubs, Organic Lip Balms, Organic Body Butter, And Natural Skin Care Recipes Detox The Body: How To Detox Your Body For Fast Weight Loss (detox health, juicing, cleanse, diet, plan, foods, eating, naturally, juice, body mind soul, essentials, drinks, guide, book) Body Language: Master the Art of Reading Anyone Through Nonverbal Communication (Body Language 101, Body Language Mastery, Read Everyone) Ultra-Low Voltage Nano-Scale Memories (Integrated Circuits and Systems) The Blood Sugar Solution Cookbook: More than 175 Ultra-Tasty Recipes for Total Health and Weight Loss The Low-Carb Diabetes Solution Cookbook: Prevent and Heal Type 2 Diabetes with 200 Ultra Low-Carb Recipes - All Recipes 5 Total Carbs or Fewer! The BBC and Ultra-Modern Music, 1922-1936: Shaping a Nation's Tastes (Music in the Twentieth Century)