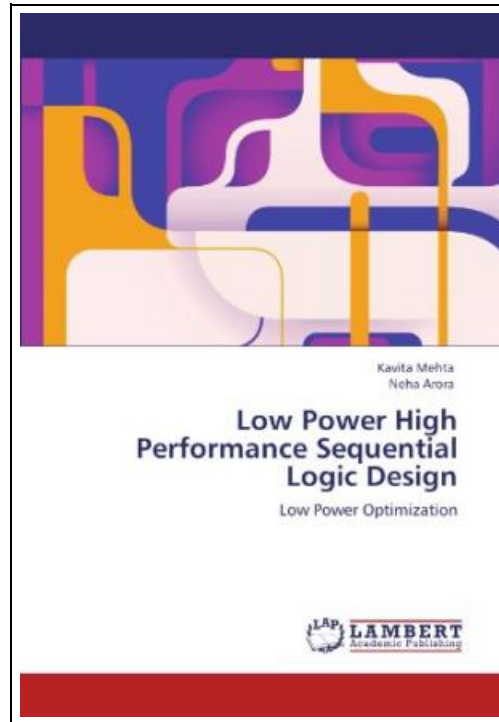


Low Power High Performance Sequential Logic Design



Filesize: 9.69 MB

Reviews

Extremely helpful for all type of folks. It generally is not going to expense a lot of. I found out this book from my dad and i advised this book to find out.
(Melany Goyette)

LOW POWER HIGH PERFORMANCE SEQUENTIAL LOGIC DESIGN



LAP Lambert Academic Publishing Jun 2012, 2012. Taschenbuch. Condition: Neu. Neuware - Latches and flip-flops have a direct impact on power consumption and speed of VLSI systems. Therefore study on low-power and high performance latches and flip-flops is inevitable. In this book we delve into the details of TSPC pulsed latch design and optimization for low power. The proposed circuit uses MTCMOS technique resulting in significant energy savings. This proposed circuit outperforms existing designs and shows the best result. The leakage power is reduced by using best technique among all run time techniques viz. MTCMOS. Thereby comparison of different conventional flip-flops and TSPC flip-flop in terms of power consumption, propagation delays and product of power consumption and propagation delay with SPICE simulation results is calculated. This book also enumerates low power, high-speed design of D flip-flop. It presents technique to minimize subthreshold leakage power as well as the power consumption of the CMOS circuits. The proposed circuit in this book shows a design for D flip flop to increase the overall speed of the system as compared to other circuits. This technique allows circuit to achieve lowest power consumption 96 pp. Englisch.



[Read Low Power High Performance Sequential Logic Design Online](#)



[Download PDF Low Power High Performance Sequential Logic Design](#)

Other eBooks



Would It Kill You to Stop Doing That?

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years...

[Download Book](#)

»



Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Pearson, United States, 2015. Book. Book Condition: New. 10th. 250 x 189 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies...

[Download Book](#)

»



Who am I in the Lives of Children? An Introduction to Early Childhood Education

Pearson Education (US), United States, 2015. Paperback. Book Condition: New. 10th Revised edition. 254 x 201 mm. Language: English . Brand New Book. Note: This is the bound book only and does not include access...

[Download Book](#)

»



Who Am I in the Lives of Children? an Introduction to Early Childhood Education with Enhanced Pearson Etext -- Access Card Package

Pearson, United States, 2015. Paperback. Book Condition: New. 10th. 251 x 203 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies...

[Download Book](#)

»



The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds

Anness Publishing. Paperback. Book Condition: new. BRAND NEW, The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds, Nicola Baxter, Geoff Ball, This is a super-size first reading book for 3-5 year...

[Download Book](#)

»