Probabilistic Chip Trends: Market Research Report

https://marketpublishers.com/r/P58A62F8775EN.html

Date: December 2013

Pages: 5

Price: US$ 950.00 (Single User License)

ID: P58A62F8775EN

Abstracts

'Scaling to nanometer levels and simultaneously sustaining Moore's law pose a number of challenges such as parameter variations, noise and various device perturbations. Such probabilistic or statistical behavior occurs at device level of every transistor. In order to address the critical requirement, a modern approach to statistical designs and error tolerance in the form of a new set of probabilistic architectures, referred to as probabilistic system-on-a-chip (PSOC) is being implemented.'

The report highlights the development of probabilistic complementary metal-oxide semiconductor (PCMOS) technology, and also illustrates the energy savings at the device level and considerable performance and energy advantages at the application level. In addition, the report briefs about the PSOC architecture focusing on harnessing probabilistic behavior of a PCMOS device to develop architectural primitives featuring definite statistical behaviors.

Contents

I would like to order

Product name:	Probabilistic Chip Trends: Market Research Report
Product link:	https://marketpublishers.com/r/P58A62F8775EN.html
Price:	US$ 950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/P58A62F8775EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970