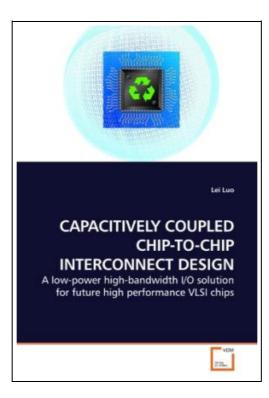
CAPACITIVELY COUPLED CHIP-TO-CHIP INTERCONNECT DESIGN



Filesize: 2.09 MB

Reviews

These sorts of book is the greatest book offered. This can be for all those who statte that there had not been a really worth reading. I am just quickly could get a pleasure of reading a written ebook. (Verner Goyette DDS)

CAPACITIVELY COUPLED CHIP-TO-CHIP INTERCONNECT DESIGN



To download **CAPACITIVELY COUPLED CHIP-TO-CHIP INTERCONNECT DESIGN** eBook, make sure you follow the button listed below and download the ebook or get access to additional information which are highly relevant to CAPACITIVELY COUPLED CHIP-TO-CHIP INTERCONNECT DESIGN ebook.

Condition: New. Publisher/Verlag: VDM Verlag Dr. Müller | A low-power high-bandwidth I/O solution for future high performance VLSI chips | I/O bandwidth in the Multi-Tb/s range is required for current and future high performance VLSI chips. This trend demands high-speed, high-density and low power I/Os. AC coupled interconnect (ACCI) has been demonstrated as a systematic solution for providing higher pin density and lower power dissipation. ACCI utilizes non-contact capacitor plates as signal I/O which yields a much higher pin density than traditional solder bump I/O. ACCI saves significant power with pulse signaling. A test-chip with a complete capacitively coupled serial link is designed including: multi-phase DLL, serializer, transmitter, pulse receiver, clock and data recovery and deserializer. A 3Gb/s ACCI chip-to-chip communication is demonstrated through two 150FF coupling capacitors and a 15 cm microstrip line. A fully differential pulse receiver design is also demonstrated with 6-bit bus running at an aggregate bandwidth of 36Gb/s. Signal integrity issues associated with the ACCI bus, such as crosstalk and switching noise, are discussed. Simulation results demonstrate that higher data rates over ACCI channels can be achieved with more advanced CMOS technologies. | Format: Paperback | Language/Sprache: english | 140 pp.

- **Read CAPACITIVELY COUPLED CHIP-TO-CHIP INTERCONNECT DESIGN Online**
- **Download PDF CAPACITIVELY COUPLED CHIP-TO-CHIP INTERCONNECT DESIGN**
- Download ePUB CAPACITIVELY COUPLED CHIP-TO-CHIP INTERCONNECT DESIGN

You	May	Also	Like

PDF

[PDF] Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Jo Ann Brewer ISBN: 9780205491452

Follow the hyperlink beneath to download and read "Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Jo Ann Brewer ISBN: 9780205491452" PDF document. Read PDF »

PDF	

[PDF] Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Brewer, Jo Ann

Follow the hyperlink beneath to download and read "Studyguide for Introduction to Early Childhood Education: Preschool Through Primary Grades by Brewer, Jo Ann" PDF document. Read PDF »

PDF

[PDF] The Beginner's Bible Moses and the King (I Can Read! / The Beginner's Bible) Follow the hyperlink beneath to download and read "The Beginner's Bible Moses and the King (I Can Read! / The Beginner's Bible)" PDF document. Read PDF »

PDF	
	l

[PDF] Barnabas Helps a Friend (I Can Read! / Barnabas Series) Follow the hyperlink beneath to download and read "Barnabas Helps a Friend (I Can Read! / Barnabas Series)" PDF document. Read PDF »

	P	D	F	
I			1	I
÷				

[PDF] Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 2: I am Kipper (Hardback) Follow the hyperlink beneath to download and read "Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 2: I am Kipper (Hardback)" PDF document. Read PDF »

PDF	

[PDF] Slave Girl - Return to Hell, Ordinary British Girls are Being Sold into Sex Slavery; I Escaped, But Now I'm Going Back to Help Free Them. This is My True Story.

Follow the hyperlink beneath to download and read "Slave Girl - Return to Hell, Ordinary British Girls are Being Sold into Sex Slavery; I Escaped, But Now I'm Going Back to Help Free Them. This is My True Story." PDF document. Read PDF »

PDF	[PDF] 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 Access the link under to get "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" PDF document. Read Book »
PDF	[PDF] A Hero s Song, Op. 111 / B. 199: Study Score Access the link under to get "A Hero s Song, Op. 111 / B. 199: Study Score" PDF document. Read Book »
PDF	[PDF] Cello Concerto, Op. 104 / B. 191: Study Score Access the link under to get "Cello Concerto, Op. 104 / B. 191: Study Score" PDF document. Read Book »
PDF	[PDF] Symphonic Variations, Op. 78 / B. 70: Study Score Access the link under to get "Symphonic Variations, Op. 78 / B. 70: Study Score" PDF document. Read Book »
PDF	[PDF] I love you (renowned German publishing house Ruina Press bestseller. comparable to Guess(Chinese Edition) Access the link under to get "I love you (renowned German publishing house Ruina Press bestseller. comparable to Guess(Chinese Edition)" PDF document. Read Book »
PDF	[PDF] I Have Asthma Access the link under to get "I Have Asthma" PDF document. Read Book »