

A Selected List of Resources On Very Large Scale Integration (VLSI)

A Bibliography
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Books: (Available in the Resource Centre)

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1.	Algorithms For VLSI Desgin Automation Gerez, Sabith H. Acc. No. 004841 621.395 GER
2.	Algorithms for VLSI physical design automation, 3rd ed. Sherwani, Naveed . Acc. No. 013449 621.395 SHE
3.	Analog Design for CMOS VLSI Systems Maloberti, Franco Acc. No. 002751 621.3815 MAL
4.	Analog VLSI signal and information processing Ismail, Mohammed (under process)
5.	Application Specific Integrated Circuits Smith, Michael John Sebastian Acc. No. 000779 621.382 SMI
6.	Basic VLSI design, 3rd ed. Pucknell, Douglas A. Acc. No. 003251 621.385 PUC
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14.	CMOS VLSI design : a circuits and systems perspective, 3rd. ed Weste, Neil H. E., Harris, David & Banerjee, Ayan 621.395 WES 020089 - 020092
15.	CMOS VLSI engineering : silicon-on-insulator (SOI) Kuo, James B. & Su, Ker-Wei 621.395 KUO 015276
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17.	CrossTalk Noise Immune VLSI Design Using Regular Layout Fabrics Khatri, Sunil P. Acc. No. 002107 621.395 KHA
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19.	DeepSubmicron CMOS ICs Veendrick, Harry Acc. No. 002309 621.3891 VEE
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30.	HighPerformance Digital VLSI Circuit Design Gu, Richard X. Acc. No. 004021 621.381 GU
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2.	Integration, the VLSI http://www.sciencedirect.com/science/journal/01679260
3.	Journal of VLSI Signal Processing http://www.springerlink.com/content/100304
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10.	IEEE Transactions on Circuits and Systems II: Express Briefs, IEEE Transactions on [see also Circuits and Systems II: Analog and Digital Signal Processing, http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=8920
11.	IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=43
12.	IET Circuits, Devices & Systems, http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=4123966
13.	Analog Integrated Circuits and Signal Processing http://www.springerlink.com/content/100232
14.	Circuits, Systems and Signal Processing http://www.springerlink.com/content/109373

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Weblink : <http://resourcecentre.daiict.ac.in/eresources/acm/acm.html>

1.	GLVLSI Great Lakes Symposium on VLSI
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24.	VLSI Technology, Symposium
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26.	VLSI Test Symposium
27.	VLSI, 2005. Proceedings. IEEE Computer Society Annual Symposium
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2.	Design of frequency synthesizable delay locked loop Shah, Hardik K (200211030) 621.3815364 SHA C01503
3.	Design and Synthesis of Asynchronous Circuits Asthana, Abhinav (200411033) 621.3815 AST C01171
4.	Built-In Self-Test for a Flash Analog to Digital Converter Bhalerao, Mangesh (200411039) 621.39814 BHA C01177
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TUTORIALS: -

1.	Chip Design Made Easy http://www.vlsichipdesign.com/
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1.	Chip Design Made Easy http://www.vlsichipdesign.com/
2.	Introduction to VLSI Design NPTEL, IIT & IISc. http://nptel.iitm.ac.in/showVideo.php?v=Y8FvzcocT4
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