

1. Record Nr.	UNINA9910454712603321
Autore	Singh A. K
Titolo	Digital principles switching theory [[electronic resource] /] / A.K. Singh, Manish Tiwari, Arun Prakash
Pubbl/distr/stampa	New Delhi, : New Age International (P) Ltd., Publishers, c2006
ISBN	1-281-44964-4 81-224-2306-X
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (545 p.)
Altri autori (Persone)	TiwariManish PrakashArun
Disciplina	621.3815 621.3815/37
Soggetti	Digital electronics Switching theory Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Preface; Contents; Chapter 0 Introduction to Digital Electronics; Chapter 1 Numbering Systems; Chapter 2 Digital Design Fundamentals-Boolean Algebra and Logic Gates; Chapter 3 Boolean Function Minimization Techniques; Chapter 4 Combinational Logic; Chapter 5 Programmable Logic Devices; Chapter 6 Synchronous (Clocked) Sequential Circuits; Chapter 7 Shift Registers and Counters; Chapter 8 Asynchronous Sequential Logic; Chapter 9 Algorithmic State Machine; Chapter 10 Switching Elements and Implementation of Logic Gates; Chapter 11 Memory Fundamentals; Appendices; References; Index
Sommario/riassunto	This comprehensive text fulfills the course requirement on the subject of Switching Theory and Digital Circuit Design for B.Tech. degree course in Electronics, Computer Science and Technology, Electronic & Communication, Electronic & Electrical, Electronic & Instrumentation, Electronic Instrumentation & Control, Instrumentation & Control Engineering of U.P. Technical University, Lucknow and other Technical Universities of India. It will also serve as a useful reference book for competitive examinations.

