1.	Record Nr.	UNINA9910459288703321
	Autore	Agarwal C. B
	Titolo	Digital principles and circuits [[electronic resource] /] / C.B. Agarwal
	Pubbl/distr/stampa	Mumbai [India], : Himalaya Pub. House, 2006
	ISBN	1-282-80165-1
		9786612801655
		1-4416-6132-8
		93-5043-319-2
		600-00-2700-1
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (469 p.)
	Disciplina	621.395
	Soggetti	Digital electronics
		Electronic circuits
		Electronic books.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di contenuto	COVER; CONTENTS; CHAPTER 1 : DIGITAL CONCEPTS; CHAPTER 2 : NUMBER SYSTEMS; CHAPTER 3 :BINARY CODES; CHAPTER 4 :LOGIC GATES AND IC FAMILIES; CHAPTER 5 :BOOLEAN ALGEBRA; CHAPTER 6 : COMBINATIONAL CIRCUITS; CHAPTER 7 :FLIP-FLOPS AND REGISTERS; CHAPTER 8 :DIGITAL COUNTERS; CHAPTER 9 :MEMORY SYSTEMS; CHAPTER 10 :D/A CONVERTERS AND A/D CONVERTERS; APPENDIX A; APPENDIX B; APPENDIX C; INDEX
	Sommario/riassunto	Digital Principle and Circuits introduces the reader with the basic principles and circuits of digital electronics in a systematic, comprehensive and easy-to-follow manner. The reader is simply required to have a prior knowledge of semiconductor theory. The book is well-organized self-contained and covers almost all the aspects of subject. To clarify the intricacies of concepts, a large number of explanatory figures(numbering over 400), a variety of solved examples (numbering over 150) and multiple-choice objective questions counter circuits and their designing ,TTL,ECL,NMOS digital IC families