1. Record Nr.	UNINA9910780943603321
Autore	Wilmshurst Tim
Titolo	Designing embedded systems with PIC microcontrollers [[electronic resource]] : principles and applications / / Tim Wilmshurst
Pubbl/distr/stampa	Amsterdam, : Newnes, 2010
ISBN	1-282-66610-X
	9786612666100
	0-08-096184-3
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (693 p.)
Disciplina	004.16
Soggetti	Embedded computer systems - Design and construction
	Microprocessors - Design and construction
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	section 1. Getting started with embedded systems -- section 2. Minimum systems and the PIC 16F84A -- section 3. Larger systems and the PIC 16F873A -- section 4. Smarter systems and the PIC 18F2420 -- section 5. Where can we go from here? : distributed systems, bigger systems.
Sommario/riassunto	PIC microcontrollers are used worldwide in commercial and industrial devices. The 8-bit PIC which this book focuses on is a versatile work horse that completes many designs. An engineer working with applications that include a microcontroller will no doubt come across the PIC sooner rather than later. It is a must to have a working knowledge of this 8-bit technology. This book takes the novice from introduction of embedded systems through to advanced development techniques for utilizing and optimizing the PIC family of microcontrollers in your device. To truly understand the PIC, assem