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Titolo	The system engineer's handbook [[electronic resource]] : a guide to building VMEbus and VXIbus systems / / edited by John Black
Pubbl/distr/stampa	San Diego, : Academic Press, c1992
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Descrizione fisica	1 online resource (1113 p.)
Collana	The Morgan Kaufmann Series in Computer Architecture and Design
Altri autori (Persone)	BlackJohn (John Arthur)
Disciplina	621.3916
Soggetti	VME (Computer bus) VXI (Computer bus) Multiprocessors - 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.
Nota di contenuto	pt. 1. Debugging the hardware -- pt. 2. Creating and debugging your system software -- pt. 3. Multiprocessing and multitasking -- pt. 4. Multiple chassis VMEbus systems -- pt. 5. Graphics on VMEbus -- pt. 6. VXIbus -- pt. 7. Disk interface standards -- pt. 8. Ethernet -- pt. 9. Image processing and machine vision -- pt. 10. Interfacing to the real world.
Sommario/riassunto	The System Engineer's Handbook, written by the developer of the VME bus system and some of the most knowledgeable experts in the computer industry, is the most comprehensive guide available for the VME bus standard. It is the system engineer's guide to building high performance multiprocessor systems. This book contains complete copies of VME bus and VXI bus specifications and applications information, enabling a system engineer to purchase state-of-the-art board components from specialized manufacturers and assemble them into a fully-functional system.