

1. Record Nr.	UNINA9910791587603321
Titolo	Networking in Japanese factory automation / / by Koichi Kishimoto. [et al.]
Pubbl/distr/stampa	London : , : Routledge, , 1989, 2011
ISBN	1-136-92893-6 1-136-92894-4 1-283-03773-4 9786613037732 0-203-84567-6
Descrizione fisica	1 online resource (73 p.)
Collana	Routledge library editions. Japan ; ; v. 9
Altri autori (Persone)	KishimotoKoichi
Disciplina	670.4275
Soggetti	Automation Local area networks (Computer networks)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Reprint. Originally published: New York : Gordon and Breach Science Publishers, 1989.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Information network in Japanese factories -- 2. A fiber-optic ring as backbone for CSMA/CD LANs -- 3. A high-speed optical data highway for industrial control systems -- 4. An optical LAN for factory automation system -- 5. An improved mini-MAP LAN for CIE-integrated process-control system -- 6. Standardization : MAP activities in Japan.
Sommario/riassunto	In Japan information technology has been a vital part of manufacturing for decades. A central factory computer provides a production plan and shop minicomputers and microcomputers in the factory run machines that manufacture products. It has become necessary to connect computers installed at different locations to enable information exchange between different sections. This requires an intracompany network with large memory capacity and high-speed communication capability to process documents, drawings, and image data, as well as conventional code data: a local area network (LAN). This volume