

1. Record Nr.	UNINA9911020278103321
Autore	Paret Dominique
Titolo	Multiplexed networks for embedded systems : CAN, LIN, Flexray, Safe-by-Wire... // Dominique Paret ; translated by Roderick Riesco
Pubbl/distr/stampa	Chichester, England, : Wiley, 2007
ISBN	9786610900916 9781280900914 1280900911 9780470511770 047051177X 9780470511701 0470511702
Edizione	[1st edition]
Descrizione fisica	1 online resource (435 p.)
Disciplina	004.64
Soggetti	Microcomputers - Buses Controller Area Network (Computer network)
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	pt. A. CAN : from concept to reality -- pt. B. New multiplexed bus concepts : LIN, FlexRay, Fail-safe SBC, Safe-by-Wire -- pt. C. Appendices.
Sommario/riassunto	Multiplexed networks are essential for the unified, efficient and cost-effective exchange of electronic information within embedded component systems. This is especially important in automotive manufacturing as vehicles become increasingly reliant on robust electronic networks and systems for improved reliability, anti-lock brake systems (ABS), steering, on-board navigation systems, and much more. The latest systems such as X-by-Wire and FlexRay aim to produce faster, fault-tolerant network component interconnects, for state-of-the-art network implementation and safer, more reliable engineering