

1. Record Nr.	UNINA9910964510703321
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Titolo	CAN and FPGA communication engineering : implementation of a CAN bus based measurement system on an FPGA development kit // Yu Zhu
Pubbl/distr/stampa	Hamburg, : Diplomica Verlag, c2010
ISBN	9783842816046 3842816049 9783836649254 383664925X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (93 p.)
Disciplina	621.39/5
Soggetti	Field programmable gate arrays
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	CAN and FPGA Communication Engineering; Preface; Contents; 1 Introduction; 2 CAN Introduction; 3 CAN and MCU Serial Port Effective Data Study; 4 Experiment Components and Setup; 5 Software Development; 6 Experiments and Results; 7 Conclusion; References; Appendix
Sommario/riassunto	Hauptbeschreibung The Controller Area Network (CAN), invented by Bosch in 1983, is a serial field bus protocol which was originally used in road vehicles and now is widely applied in other industrial fields. Since its birth automotive electronic engineers have been use Microcontrollers (MCU) to control the CAN bus. Today, as the Field-programmable Gate Array (FPGA) has become very advance, this book introduces a new method which uses an FPGA and a MCU jointly instead of a single MCU is to design a CAN bus measurement system. Furthermore the designed system should be able to work at