Sign In | My ResearcherID | My Citation Alerts | My Saved Searches | Log Out | Help

ISI Web of Knowledge℠

All Databases | Select a Database | Web of Science | Additional Resources

Search | Search History | Marked List (0)

ALL DATABASES

<< Back to results list ◄ Record 4 of 15 ► Record from Web of Science®

Predictable Data Communication Interface for Hard Real-Time Systems

Print | E-mail | Add to Marked List more options

Author(s): Micea NV (Micea, Nlihai V.)[1], Carstoiu GN (Carstoiu, Gabriel N.)[1], Ungurean L (Ungurean, Lucian)[1], Chiciudean D (Chiciudean, Dan)[1], Cretu V (Cretu, Vladimir)[1], Groza V (Groza, Voicu)

Book Group Author(s): IEEE

Source: 2008 INTERNATIONAL WORKSHOP ON ROBOTIC AND SENSORS ENVIRONMENTS **Pages:** 98-101 **Published:** 2008

Times Cited: 0 **References:** 16 Citation Map

Conference Information: IEEE International Workshop on Robotic and Sensors Environment
Ottawa, CANADA, OCT 17-18, 2008
IEEE

Abstract: This paper presents a data communication interface specifically designed to sustain the predictable operation of hard real-lime systems. The general interface architecture, data format and communication protocols are discussed along with a cave study - the full-duplex SPI (Serial Peripheral Interface) fir the HARETICK kernel. Some of the most interesting experimental results are also presented.

Document Type: Proceedings Paper

Language: English

Author Keywords: Data communication; predictability; hard real-lime; SPI; HARETICK

KeyWords Plus: NETWORKS

Reprint Address: Micea, NV (reprint author), Politehn Univ Timisoara, DCSE, 2 Vasile Parvan Blvd, Timisoara 300223, Romania

Addresses:
1. Politehn Univ Timisoara, DCSE, Timisoara 300223, Romania

Publisher: IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA

IDS Number: BJB83

ISBN: 978-1-4244-2594-5

ISI: 000264584500018

Cited by: 0

This article has been cited 0 times (from Web of Science).

Create Citation Alert

Related Records:

Find similar records based on shared references (from Web of Science).

[view related records]

References: 16

View the bibliography of this record (from Web of Science).

Additional information

View this record in other databases:

- View **citation data** (in Web of Science)

<< Back to results list ◄ Record 4 of 15 ► Record from Web of Science®

Output Record

Step 1:

- Authors, Title, Source
  - plus Abstract
- Full Record
  - plus Cited Reference

Step 2:

[How do I export to bibliographic management software?]

Print | E-mail | Add to Marked List

Save to EndNote, RefMan, ProCite

Save to other Reference Software | Save

View in □□□□ English

Please give us your feedback on using ISI Web of Knowledge.

Acceptable Use Policy
Copyright © 2009 Thomson Reuters

THOMSON REUTERS

Published by Thomson Reuters