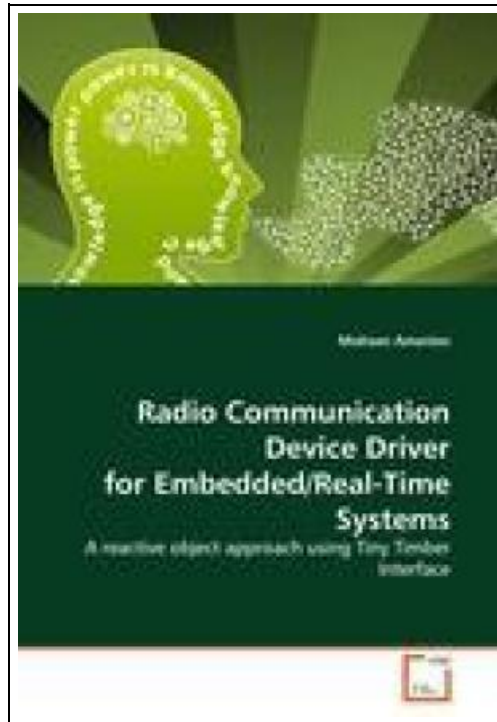


## Radio Communication Device Driver for Embedded/Real-Time Systems



Filesize: 9.45 MB

### ***Reviews***

*Most of these publication is the ideal ebook readily available. it was actually writtern very flawlessly and beneficial. I discovered this book from my i and dad suggested this book to find out.*  
***(Prof. Lavern Brakus)***

## RADIO COMMUNICATION DEVICE DRIVER FOR EMBEDDED/REAL-TIME SYSTEMS



VDM Verlag Jan 2011, 2011. Taschenbuch. Book Condition: Neu. 220x150x6 mm. This item is printed on demand - Print on Demand Neuware - The main issue that is addressed in this book is to use reactive objects as an approach for programming embedded systems. A real project in robotics is considered and the goal in this project is to develop a radio communication device driver based on a real-time kernel, called 'Tiny Timber' in order to exchange data between robots. Tiny Timber is a very lightweight, real-time kernel for small, event-driven embedded systems. It implements reactive objects as a way of structuring embedded software. These objects are components that react to incoming events by updating their internal state and issuing an outgoing event. Implementing a control system based on reactive objects enhances the reactivity of the system and it helps to optimize the energy consumption, as the system goes to sleep mode when there is nothing to react to. The device driver for nRF24L01 radio module which you are provided with its code is developed in C language. The antenna is interfaced with an AT91SAM7S256 ARM microcontroller via Serial Peripheral Interface (SPI) produced by ATMEL . This microcontroller is mounted on SAM7P256 board which is manufactured by Olimex. 96 pp. Englisch.



[Read Radio Communication Device Driver for Embedded/Real-Time Systems Online](#)



[Download PDF Radio Communication Device Driver for Embedded/Real-Time Systems](#)

## Other PDFs

**Studyguide for Preschool Appropriate Practices by Janice J. Beaty ISBN: 9781428304482**

2011. Softcover. Book Condition: New. 3rd. 8.25 x 11 in. Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights,...

[Download eBook »](#)

**Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .**

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can usually...

[Download eBook »](#)

**Way it is**

Second Story Press. Paperback. Book Condition: new. BRAND NEW, Way it is, Donalda Reid, It's the 1960s - the time for equal rights, peace, and love. But for Ellen Manery, it's the time to work...

[Download eBook »](#)

**Because It Is Bitter, and Because It Is My Heart (Plume)**

Plume. PAPERBACK. Book Condition: New. 0452265819 12+ Year Old paperback book-Never Read-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST with...

[Download eBook »](#)

**Read Write Inc. Phonics: Purple Set 2 Non-Fiction 4 What is it?**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 215 x 108 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books...

[Download eBook »](#)