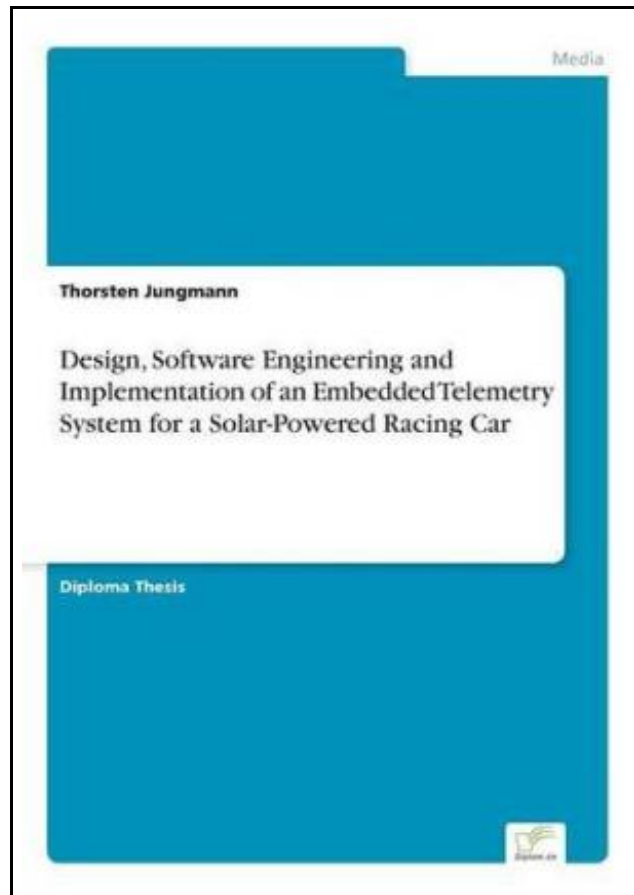# Design, Software Engineering and Implementation of an Embedded Telemetry System for a Solar-Powered Racing Car

Filesize: 5.05 MB

Reviews

This pdf might be well worth a study, and a lot better than other. It really is simplistic but excitement inside the fifty percent in the book. Its been printed in an exceedingly straightforward way which is just after i finished reading this ebook through which really modified me, modify the way i believe.
(Derick Brekke)

DESIGN, SOFTWARE ENGINEERING AND IMPLEMENTATION OF AN EMBEDDED TELEMETRY SYSTEM FOR A SOLAR-POWERED RACING CAR

To read **Design, Software Engineering and Implementation of an Embedded Telemetry System for a Solar-Powered Racing Car** eBook, make sure you follow the link beneath and save the file or gain access to other information that are related to DESIGN, SOFTWARE ENGINEERING AND IMPLEMENTATION OF AN EMBEDDED TELEMETRY SYSTEM FOR A SOLAR-POWERED RACING CAR ebook.

diplom.de. Paperback. Book Condition: New. Paperback. 100 pages. Dimensions: 8.3in. x 5.8in. x 0.2in.Diploma Thesis from the year 2001 in the subject Design (Industry, Graphics, Fashion), grade: 1, 0, Bochum University of Applied Sciences (Elektrotechnik), language: English, abstract: Inhaltsangabe: Abstract: An embedded telemetry system has been designed and implemented into the solar-powered racing car Mad Dog 3. The system shall assist strategists in making decisions during a solar car race. It delivers input data for a computer simulation model and for reconstruction of situations when failure occurred. System requirements have been analysed and the scope of solutions on the market has been explored. As a result, the choice of hardware and peripheral components has been made in favour of a microcomputer-based system. Strategy-relevant quantities in the solar car are measured by transducers and at the same time displayed on panel meters in the cockpit. Measured data are transmitted via a bus system to the central processing unit, which consists of the worlds smallest PC. From the sensor signals the cars performance data is computed. As a result of computation, sets of performance data are sent to a laptop computer in one of the support vehicles by a pair of wireless modems. For safety reason, the system has been designed redundant. There is a digital device and a second analogue instrument for all key measurements. Communication equipment between the solar car driver and support staff has been reviewed and recommendations have been given. The project has been completed successfully, i. e. project aims have been reached. This was confirmed during a test drive. The range of the wireless modems has been proven satisfactory. CB radios have been shown not to be appropriate. There is a wide scope of additional investigation and supplementary features, due to the flexible nature of a microcomputer-based...

📄 **Read Design, Software Engineering and Implementation of an Embedded Telemetry System for a Solar-Powered Racing Car Online**

📄 **Download PDF Design, Software Engineering and Implementation of an Embedded Telemetry System for a Solar-Powered Racing Car**

📄 **Download ePUB Design, Software Engineering and Implementation of an Embedded Telemetry System for a Solar-Powered Racing Car**

Related PDFs

[PDF] Multiple Streams of Internet Income

Click the web link beneath to download and read "Multiple Streams of Internet Income" document.

Save ePub »

[PDF] Estrellas Peregrinas Cuentos de Magia y Poder Spanish Edition

Click the web link beneath to download and read "Estrellas Peregrinas Cuentos de Magia y Poder Spanish Edition" document.

Save ePub »

[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

Click the web link beneath to download and read "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)" document.

Save ePub »

[PDF] The Mystery at Mount Vernon Real Kids, Real Places

Click the web link beneath to download and read "The Mystery at Mount Vernon Real Kids, Real Places" document.

Save ePub »

[PDF] Oxford Reading Tree Read with Biff, Chip and Kipper: Phonics: Level 2: A Yak at the Picnic (Hardback)

Click the web link beneath to download and read "Oxford Reading Tree Read with Biff, Chip and Kipper: Phonics: Level 2: A Yak at the Picnic (Hardback)" document.

Save ePub »

[PDF] Harts Desire Book 2.5 La Fleur de Love

Click the web link beneath to download and read "Harts Desire Book 2.5 La Fleur de Love" document.

Save ePub »

[PDF] Readers Clubhouse B Just the Right Home

Follow the web link below to read "Readers Clubhouse B Just the Right Home" document.

Download ePub »

[PDF] DK Readers The Story of Muhammad Ali Level 4 Proficient Readers

Follow the web link below to read "DK Readers The Story of Muhammad Ali Level 4 Proficient Readers" document.

Download ePub »

[PDF] God Loves You. Chester Blue

Follow the web link below to read "God Loves You. Chester Blue" document.

Download ePub »

[PDF] NIrV Outreach Bible

Follow the web link below to read "NIrV Outreach Bible" document.

Download ePub »

[PDF] The Old Testament Cliffs Notes

Follow the web link below to read "The Old Testament Cliffs Notes" document.

Download ePub »

[PDF] The Lalaurie Horror

Follow the web link below to read "The Lalaurie Horror" document.

Download ePub »