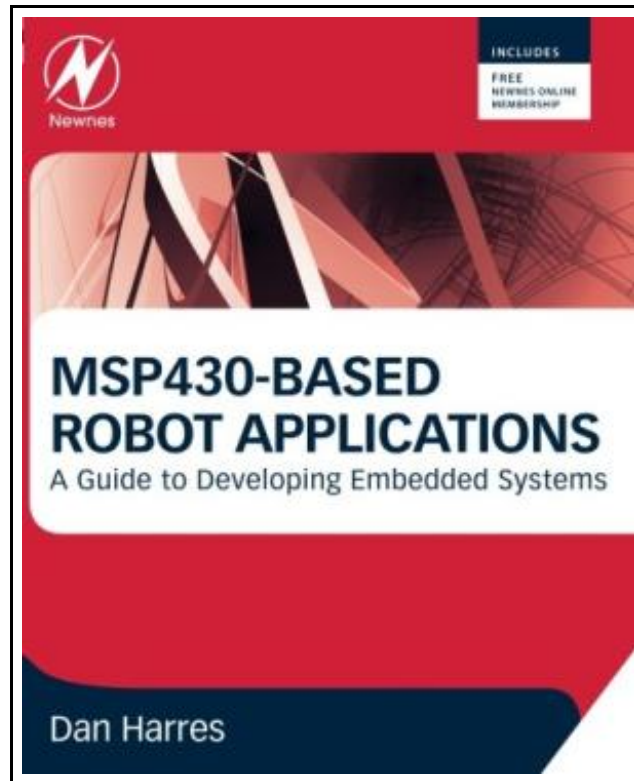


## MSP430-Based Robot Applications: A Guide to Developing Embedded Systems (Paperback)



Filesize: 9.76 MB

### ***Reviews***

*This ebook is wonderful. It generally fails to price too much. Your lifestyle period will be transform as soon as you comprehensive reading this ebook.*

*(Otho Bergstrom)*


## MSP430-BASED ROBOT APPLICATIONS: A GUIDE TO DEVELOPING EMBEDDED SYSTEMS (PAPERBACK)



To get **MSP430-Based Robot Applications: A Guide to Developing Embedded Systems (Paperback)** PDF, remember to refer to the hyperlink under and download the ebook or have accessibility to other information that are highly relevant to MSP430-BASED ROBOT APPLICATIONS: A GUIDE TO DEVELOPING EMBEDDED SYSTEMS (PAPERBACK) ebook.

ELSEVIER SCIENCE TECHNOLOGY, United Kingdom, 2013. Paperback. Book Condition: New. 231 x 188 mm. Language: English . Brand New Book. This book provides a careful explanation of the basic areas of electronics and computer architecture, along with lots of examples, to demonstrate the interface, sensor design, programming and microcontroller peripheral setup necessary for embedded systems development. With no need for mechanical knowledge of robots, the book starts by demonstrating how to modify a simple radio-controlled car to create a basic robot. The fundamental electronics of the MSP430 are described, along with programming details in both C and assembly language, and full explanations of ports, timing, and data acquisition. Further chapters cover inexpensive ways to perform circuit simulation and prototyping. Key features include: \* Thorough treatment of the MSP430 s architecture and functionality along with detailed application-specific guidance \* Programming and the use of sensor technology to build an embedded system \* A learn-by-doing experience With this book you will learn: \* The basic theory for electronics design - Analog circuits - Digital logic - Computer arithmetic - Microcontroller programming \* How to design and build a working robot\* Assembly language and C programming \* How to develop your own high-performance embedded systems application using an on-going robotics application \* Teaches how to develop your own high-performance embedded systems application using an on-going robotics application\* Thorough treatment of the MSP430 s architecture and functionality along with detailed application-specific guidance\* Focuses on electronics, programming and the use of sensor technology to build an embedded system\* Covers assembly language and C programming.

 [Read MSP430-Based Robot Applications: A Guide to Developing Embedded Systems \(Paperback\) Online](#)

 [Download PDF MSP430-Based Robot Applications: A Guide to Developing Embedded Systems \(Paperback\)](#)

## You May Also Like



---

### [PDF] Programming in D: Tutorial and Reference (Paperback)

Follow the link under to download "Programming in D: Tutorial and Reference (Paperback)" PDF document.

[Read Document »](#)



---

### [PDF] Pastorale D Ete: Study Score (Paperback)

Follow the link under to download "Pastorale D Ete: Study Score (Paperback)" PDF document.

[Read Document »](#)



---

### [PDF] The Frog Tells Her Side of the Story: Hey God, I m Having an Awful Vacation in Egypt Thanks to Moses! (Hardback)

Follow the link under to download "The Frog Tells Her Side of the Story: Hey God, I m Having an Awful Vacation in Egypt Thanks to Moses! (Hardback)" PDF document.

[Read Document »](#)



---

### [PDF] Oxford First Illustrated Science Dictionary (Paperback)

Follow the link under to download "Oxford First Illustrated Science Dictionary (Paperback)" PDF document.

[Read Document »](#)



---

### [PDF] EU Law Directions (Paperback)

Follow the link under to download "EU Law Directions (Paperback)" PDF document.

[Read Document »](#)



---

### [PDF] Federal Court Rules: 2012 (Paperback)

Follow the link under to download "Federal Court Rules: 2012 (Paperback)" PDF document.

[Read Document »](#)