Experiments with Microcontrollers

By P. Bhaskar, K. Malakondaiah

I.K. International Publishing House Pvt. Ltd., 2012. Paperback. Book Condition: New. 18cm x 24cm. This book addresses the experimental needs of the students/ researchers/teachers of various disciplines in science, engineering, and technology on microcontrollers at the graduate and post-graduate level. One of the most widely produced and used microcontrollers in the world is the 8051 and is the most popular to study. Hence, the Intel 8051/89C51 microcontroller is chosen to design the experiments/projects. The basic knowledge of 8051 microcontroller viz., architecture and its instruction set required to understand the experiments is given in the book. This book is organized into three parts. Part I deals with the software experiments - addition, subtraction, multiplication, code conversion etc. All the software programs are written in assembly language. Part II describes the hardware experiments. Some of the hardware experiments are designed with microcontroller kits and many are discussed with 89C51 microcontroller alone. Every experiment is written in such way that an experimenter need not require additional information to perform the experiment. In most of the experiments both assembly language and embedded C programs are given. Part III deals with the complete projects. These projects are related to the applications of microcontroller either for...

READ ONLINE
[6.9 MB]

Reviews

This publication may be really worth a go through, and a lot better than other. It really is writter in simple terms and never difficult to understand. Once you begin to read the book, it is extremely difficult to leave it before concluding.
-- Natalie Abbott

This book will not be simple to get going on reading but extremely exciting to read through. Yes, it can be play, still an interesting and amazing literature. I am very easily could possibly get a delight of reading a written book.
-- Rene Olson

Other Books

Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Getting Your FREE Bonus Download this book, read it to the end and see BONUS: Your FREE Gift chapter after...

Music for Children with Hearing Loss: A Resource for Parents and Teachers

Oxford University Press Inc, United States, 2014. Paperback. Book Condition: New. 228 x 156 mm. Language: English . Brand New Book. Written by an expert in the field who is both a teacher and a teacher-educator, this book is an in-depth and...

Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 5: Egg Fried Rice (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It is based on Oxford Reading Tree which...

Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 3: Such a Fuss (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It is based on Oxford Reading Tree which...

Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 5: Seasick (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 174 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It is based on Oxford Reading Tree which...

Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 5: Craig Saves the Day (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 173 x 145 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It is based on Oxford Reading Tree which...