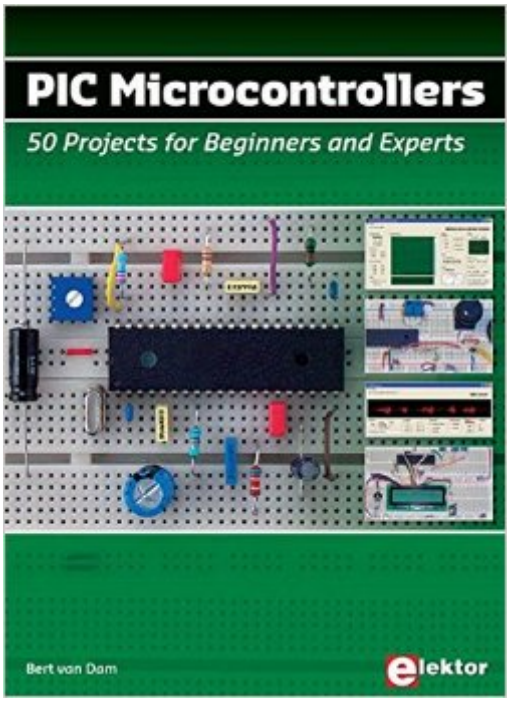
PIC Microcontrollers: 50 Projects For Beginners & Experts



Synopsis

This hands-on book covers a series of exciting and fun projects with PIC microcontrollers. For example a silent alarm, a people sensor, a radar, a night buzzer, a VU meter, a RGB fader, a serial network, a poetry box and a sound super-compression. You can build over 50 projects for your own use. The clear explanations, schematics, and pictures of each project on a breadboard make this a fun activity. You can also use this book as a study guide. The technical background information in each project explains why the project is set up the way it is, including the use of datasheets. This way you'll learn a lot about the project and the microcontroller being used, and you can expand the project to suit your own need ...making it ideal for use in schools and colleges. This book can also be used as a reference guide. The explanation of the JAL programming language and all of the expansion libraries used is unique and found nowhere else.Using the index, you can easily locate projects that serve as examples for the main commands. But even after you have built all the projects it will still be a valuable reference guide to keep next to your PC!All software used in this book can be downloaded for free, including all of the source code, a program editor, and the JAL open source programming language.

Book Information

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Customer Reviews

This book starts with a very simple tutorial and quickly picks up speeds as more complex projects are discussed. Clear language, clear schematics and (a bit less clear) pictures help you along. It's very easy to built the projects yet it also clearly explains all the technicalities involved. Highly recommended.

Not exactly what I was expecting, but it is a good book, and useful in many ways.

PIC Microcontrollers: 50 Projects for Beginners & Experts DIY Woodworking Projects: 20 Easy Woodworking Projects For Beginners: (Woodworking Projects to Make with Your Family, Making Fun and Creative Projects, ... projects, wooden toy plans, wooden ships) Fundamentals of Microcontrollers and Applications in Embedded Systems with PIC Microcontrollers Programming 16-Bit PIC Microcontrollers in C, Second Edition: Learning to Fly the PIC 24 Programming 16-Bit PIC Microcontrollers in C: Learning to Fly the PIC 24 (Embedded Technology) Programming 16-Bit PIC Microcontrollers in C: Learning to Fly the PIC 24 (Embedded Technology) Pap/Cdr Edition by Di Jasio, Lucio published by Newnes (an imprint of Butterworth-Heinemann Ltd) (2007) Programming 16-Bit PIC Microcontrollers in C: Learning to Fly the PIC 24 50 PIC Microcontroller Projects: For Beginners and Experts Mechatronics for Beginners: 21 Projects for PIC Microcontrollers PIC Microcontroller Project Book : For PIC Basic and PIC Basic Pro Compliers Advanced PIC Microcontroller Projects in C: From USB to RTOS with the PIC 18F Series Easy Pic'N: A Beginners Guide to Using Pic16/17 Microcontrollers from Square 1 Woodworking: Woodworking Projects and Plans for Beginners: Step by Step to Start Your Own Woodworking Projects Today (WoodWorking, Woodworking Projects, Beginners, Step by Step) Great Book of Woodworking Projects: 50 Projects for Indoor Improvements And Outdoor Living from the Experts at American Woodworker (American Woodworker (Paperback)) Designing Embedded Systems with PIC Microcontrollers, Second Edition: Principles and Applications Programming PIC Microcontrollers with PICBASIC (Embedded Technology) PIC Microcontrollers, Third Edition: An Introduction to Microelectronics PIC Microcontrollers: Know It All (Newnes Know It All) Designing Embedded Systems with PIC Microcontrollers: Principles and Applications Time'n and count'n: Using PIC microcontrollers from square 1