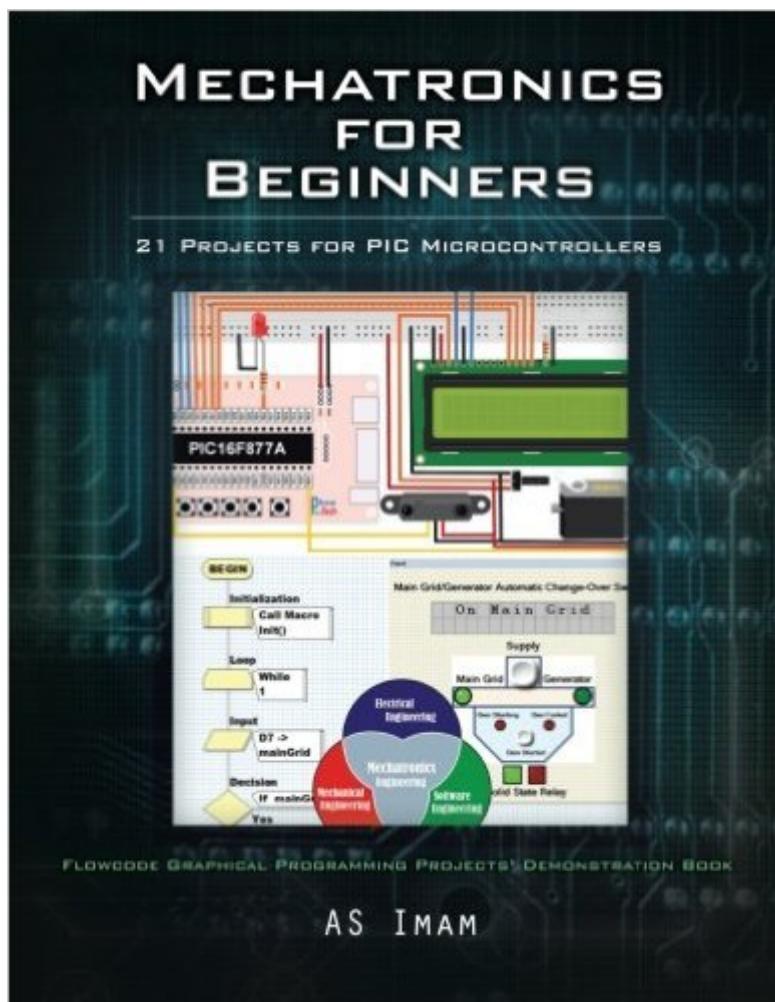


The book was found

# Mechatronics For Beginners: 21 Projects For PIC Microcontrollers



## Synopsis

This book provides a unique approach to teaching how systems or processes can be automated without having prior knowledge of any computer programming language. It presents step-by-step practical guidelines on how sensors, actuators, and other electronic components can be interfaced to microcontrollers for building smart systems using the Flowcode graphical programming software. The book is intended for students in vocational and technical colleges or any other person interested in learning how to build mechatronics systems. The book is in two parts, part 1 and part 2. Part 1 begins with an overview of mechatronics evolution in chapter 1, while chapter 2 discusses some electronic basics essential to mechatronics for users with no electronic knowledge. Chapter 3 covers discussion on hardware and software required for implementing the projects in the book. Part 2 of the book contains the twenty-one projects. The book assumes no knowledge of electrical/electronic and programming languages. Emphasis is placed on practical demonstrations for building the projects in the book. Steps for implementing each project are illustrated with graphics obtained from the Flowcode software.

## Book Information

Paperback: 404 pages

Publisher: AuthorHouseUK (November 8, 2012)

Language: English

ISBN-10: 1477233784

ISBN-13: 978-1477233788

Product Dimensions: 8.5 x 1 x 11 inches

Shipping Weight: 3.3 pounds (View shipping rates and policies)

Average Customer Review: 1.0 out of 5 stars [See all reviews](#) (1 customer review)

Best Sellers Rank: #4,082,270 in Books (See Top 100 in Books) #98 in Books > Computers & Technology > Hardware & DIY > Microprocessors & System Design > PIC Microcontroller #786087 in Books > Reference

## Customer Reviews

Book is pretty much a guide for the sequence of mouse clicks within the prior version of Flowcode. Lacks any detail as to what exactly you are clicking for, and no explanation of what you are typing. An entire page is dedicated to describing what a crosswalk is and what a traffic light is used for. Author is from Nigeria, so maybe that page is for people that have never seen a crosswalk, but then again, why would they be reading a book about Embedded tech. Lastly, lots and lots of filler, as in

90% of it is screenshots of the Flowcode GUI app., the same screenshots! The slightly more advanced topics (stepper motor control) listed in the book, end up being 1 or 2 pages and then refer the user to a web site for further info\details. I wasted my time (and a few bucks) so you won't have to.

[Download to continue reading...](#)

Mechatronics for Beginners: 21 Projects for PIC Microcontrollers 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 PIC Microcontrollers: 50 Projects for Beginners & Experts 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) 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 Serial Communications: Using PIC Microcontrollers (Version 3.0) Running Small Motors with PIC Microcontrollers

[Dmca](#)