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Flowcode 6: Create 30 PIC Microcontroller Projects



Synopsis

This book covers the use of Flowcode^Å ^Å® version 6, a state-of-the-art, all-graphical based code development tool, for the purpose of developing PIC microcontroller applications at speed and with unprecedented ease. Starting off with down-to-earth tutorial projects and step-by-step instructions, the book soon progresses and deepens with more ambitious projects, increasing the challenge of working from concepts only yet reaching a fully working PIC-driven project on your desk. Due to the structured presentations in the book, each project is lucid and self-contained in terms of hardware and software descriptions, using screen images, schematics, and Flowcode diagrams. The aim is always to provide deep insights into the operation of the project as well as the way it was reached, with a strong emphasis on education. All sources referred in the book are available for free download, including the support software. E-blocks^Å ^Å® are used as the hardware building blocks for the projects in this book, making them easy to put together quickly and reliably-without soldering. Without exception, the projects in the book are fun to build and use. A secret doorbell, a youth deterrent, GPS tracking, persistence of vision (POV), and an Internet webserver are just a few examples of projects in the book waiting to be explored and mastered. This makes the publication a perfect source of projects constantly challenging your hardware and software skills as you progress, resulting in advanced microcontroller applications you can be proud of.

Book Information

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Customer Reviews

It's a good book, excellent examples with some c-codes that you can implement on your own designs. By looking this examples, it really open your mind to new programming strategies and tools

in a neat format. I recommend this book if you don't have a lot of programming experience like me.

some concession must be given to the author due to the fact that certain grammatical nuances are found to be missing, and this is normal when one is writing in a language that isn't their natural tongue. Linked this with a hit-or-miss bit of editing and you have a book that has great promise but misses the mark at times. Certain descriptions are a little confusing and the full flow chart is not always presented in the book as you progress through the book and if you download it from the web it is missing the detailed information explaining the reason for its structure. It wasn't clearly stated, where the downloadable files could be found, in the book. I had to track them down, [...] by searching their site. I guess as one more resource it has some value. or you might just download the files and go from there.

5 stars here for the book, but also for Flowcode, which I have only just discovered. Up to now we have been able to go as far as drawing a program flowchart but then we had to write a program to follow the chart. Now Flowcode does it for us, amazing. Matrix (Flowcode's creators) provide a full range of hardware, as E-boards, which allow us to build a circuit with no soldering. Best order one of the bundles, software and hardware. Flowcode has excellent training courses (best on their website), but I find it helpful to read this very well-written book. (There can never be enough examples). After a brief introduction he launches straight into projects of increasing complexity and we learn as we go. Flowcode is essentially a visual programming system and like CAD once you get used to where everything is it becomes second nature. I wish I had discovered this technology years ago. It is a tremendous time saver, reducing hours of work to minutes.

Good book for beginning programmers.

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