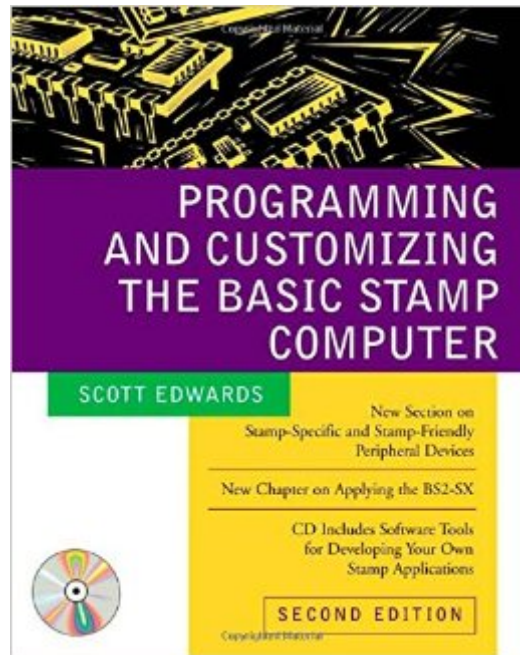# Programming And Customizing The Basic Stamp

# Synopsis

CLASSIC GUIDE TO CUSTOMIZING BASIC STAMP FOR HOBBYISTS AND DESIGNERSIf you want to take advantage of the popular PIC Microcontroller for your electronics projects, but are intimidated by the programming involved, your worries are over. Programming and Customizing the Basic Stamp, Second Edition gives you a comprehensive tutorial on the easy-to-use BASIC Stamp single-board computer, which runs a PIC Microcontroller, and doesn't require you to do any assembly language programming. This new edition moves you briskly from electronic foundations through BASIC Stamp "Boot Camps" and an intelligent traffic signal simulation to build a robotic bug with whisker sensors, a time/temperature display, and a data-logging thermometer. Written by Scott Edwards, the original author of the widely read "Stamp Applications" column for Nuts & Volts magazine, this easy-to-follow reference includes a CD that gives you all the IBM- compatible software tools necessary to begin developing Stamp applications.

# Book Information

Series: TAB Electronics Technical Library

Paperback: 334 pages

Publisher: McGraw-Hill/TAB Electronics; 2 edition (March 21, 2001)

Language: English

ISBN-10: 0071371923

ISBN-13: 978-0071371926

Product Dimensions:  7.3 x 0.7 x 9.1 inches

Shipping Weight: 1.4 pounds

Average Customer Review:  3.9 out of 5 starsÂ Â See all reviewsÂ (17 customer reviews)

Best Sellers Rank: #1,538,490 in Books (See Top 100 in Books)   #38 inÂ Books > Computers & Technology > Hardware & DIY > Microprocessors & System Design > PIC Microcontroller   #491 inÂ Books > Computers & Technology > Hardware & DIY > Personal Computers > PCs   #1293 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits

# Customer Reviews

Does the thought of programming your own micro computer device get you into a cold sweat? Did me, until Scott Edwards publish this book.Using this book I was able, in four hours, program the Basic Stamp II to do most of the simple things I wanted. Now, I have had some electronics experience but not at programming PIC based devices but I found it very easy with this book.Its simply set out and starts at a level that will allow even the most raw beginner to get a foot hold in

programming these devices. This is a very good guide to getting you started and soon writing your own programs. It may look a bit on the expensive side but it was worth every one of my discounted pennys!

Scott Edward's book is targetted for the beginner that wants to get into electronics and has heard that the Stamp is a pretty neat thing. The book starts out with an introduction to the Stamp and Electronics in general. Included is a pretty good primer on prototyping circuits.From this, the user is give more detail on the Stamp (including how to build programmer cables) followed by "Boot Camp": an introduction to programming the Stamp and basic I/O. Scott spends equal time on the BS1 and BS2 and notes differences between the two.My only disappointment with the book is while he introduces the more advanced I/O functions ("DEBUG", "SERIN", "SEROUT" and "BUTTON") in the example projects and appendices, he doesn't explicity explain them or give hints based on his experience.The majority of the book is dedicated to the twelve projects presented in the book and this is where the reader will learn the most abo! ! ut the Stamp. The projects focus on interfacing to other devices and this is where the book really shines. LCD (not surprisingly), RS-232 Serial, Keypad, Servo, temperature probe and an Ultrasonic (!) interfaces caught my eye.

Extremely clear and well written. Fills in areas where the Stamp manuals are weak. The included CD is as useful as the book. The CD includes Stamp 1 & 2 programming software, the Basic program code for the original Stamp manuals, and the excellent series on Stamps that Scott wrote for Nuts & Volts Magazine.

Fun, easy to read and understand, with loads of hand-on very well written instructions and a big bonus- excellent photos to help build your stamp projects. You won't be disappointed!

Well-known from his BASIC Stamp column in Nuts&Volts Magazine Scott Edwards summarizes most of the aspects of dealing with Parallax's BASIC Stamp Single-Chip Microcontrollers. The beginner can get help in understanding electronic fundamentals as components and building electronics circuits before starting with BASIC Stamp experiments. Scott imparts the first knowledge about the BASIC Stamp in two didactic well-guided chapters before some interesting applications follow. The appendix gives a BASIC Stamp Quick Reference Guide and some fundamentals needed in the practical work always again. The added CD contains the development environment for both types of BASIC Stamp and a lot of source text completed with information from Parallax and

Nuts&Volts magazine. I am sure, Scott's book will help people with different background to understand the small but fascinating BASIC Stamp and will be widely read therefore.

I am an electronics tech by trade, and I love this book. It gives examples in parallel for the STAMP1 and the STAMP2 so its easy to adapt, overcome, and have fun. The examples teach more advanced topics that really pay off, and as a cool after effect, they give the user neat original ideas. If your into any do it your self project, this is the book for you!

The (Ultimate) resource for the Basic Stamp enthusiast. Scott has done a fantastic job with this book. Clear and concise coverage of everything from A-Z for the Basic Stamp. Outstanding code examples,schematics and projects. Scott goes well beyond the Basic Stamp to cover some necessary basic electronics fundamentals as well. If you use the Basic Stamp I or II, you will want this book. "Most Highly Recommended".

The worse book I have ever read. I cannot believe how some "authors" throw anything on paper".First the CD does not include anything really new you can download free and better stuff from Parallax or the internet.The book starts with the first sevens chapters explaining some basic electronics that even an elementary school kid will know like how potentiometers and solder-less breadboards work also some very basic programs, after a few mistakes no major problems even though most programs are loops and LED blinkers. But after what the author call the" boot camp chapters" (2) ,the book gets really crazy right away after you finish the "boot camp", which only included some easy basic 4 to 8 lines programs it gets you to 3 pages programs on the next chapter a big leap I think ,also all the projects are practically impossible to build as you will need to spend a fortune in parts available from different vendors and from the author himself, like the $50 (2X16) serial LCD from Mr. Edwards (I got a parallel (4X20) for $10 and a serial kit for $5 from Ebay and made my own) a real headache it is harder to get the parts than to do the projects, then in some of them the author does not give you enough information like with one device (X-10) he uses from Radio Shack that connect the BS2 to a modem and then he provides a phone number for you to call to get the info.

Programming and Customizing the PICAXE Microcontroller (McGraw-Hill Programming and Customizing) Programming and Customizing the Basic Stamp Computer (TAB Microcontrollers) Programming and Customizing the Basic Stamp Programming #8:C Programming Success in a Day

& Android Programming In a Day! (C Programming, C++programming, C++ programming language, Android , Android Programming, Android Games) Programming #57: C++ Programming Professional Made Easy & Android Programming in a Day (C++ Programming, C++ Language, C++for beginners, C++, Programming ... Programming, Android, C, C Programming) Programming #45: Python Programming Professional Made Easy & Android Programming In a Day! (Python Programming, Python Language, Python for beginners, ... Programming Languages, Android Programming) DOS: Programming Success in a Day: Beginners guide to fast, easy and efficient learning of DOS programming (DOS, ADA, Programming, DOS Programming, ADA ... LINUX, RPG, ADA Programming, Android, JAVA) ASP.NET: Programming success in a day: Beginners guide to fast, easy and efficient learning of ASP.NET programming (ASP.NET, ASP.NET Programming, ASP.NET ... ADA, Web Programming, Programming) C#: Programming Success in a Day: Beginners guide to fast, easy and efficient learning of C# programming (C#, C# Programming, C++ Programming, C++, C, C Programming, C# Language, C# Guide, C# Coding) FORTRAN Programming success in a day:Beginners guide to fast, easy and efficient learning of FORTRAN programming (Fortran, Css, C++, C, C programming, ... Programming, MYSQL, SQL Programming) Prolog Programming; Success in a Day: Beginners Guide to Fast, Easy and Efficient Learning of Prolog Programming (Prolog, Prolog Programming, Prolog Logic, ... Programming, Programming Code, Java) Parallel Programming: Success in a Day: Beginners' Guide to Fast, Easy, and Efficient Learning of Parallel Programming (Parallel Programming, Programming, ... C++ Programming, Multiprocessor, MPI) Programming: Computer Programming for Beginners: Learn the Basics of Java, SQL & C++ - 3. Edition (Coding, C Programming, Java Programming, SQL Programming, JavaScript, Python, PHP) Raspberry Pi 2: Raspberry Pi 2 Programming Made Easy (Raspberry Pi, Android Programming, Programming, Linux, Unix, C Programming, C+ Programming) Android: Programming in a Day! The Power Guide for Beginners In Android App Programming (Android, Android Programming, App Development, Android App Development, ... App Programming, Rails, Ruby Programming) R Programming: Learn R Programming In A DAY! - The Ultimate Crash Course to Learning the Basics of R Programming Language In No Time (R, R Programming, ... Course, R Programming Development Book 1) Scott Standard Postage Stamp Catalogue 2014: United States and Affiliated Territories, United Nations: Countries of the World A-B (Scott Standard Postage Stamp Catalogue Vol 1 US and Countries A-B) Scott Standard Postage Stamp Catalogue 2015: United States and Affiliated Territories United Nations: Countries of the World A-B (Scott Standard Postage Stamp Catalogue Vol 1 US and Countries A-B) Funk and Wagnalls Guide to the World of Stamp Collecting: The Joys of Stamp Collecting for the Beginning and Advanced Philatelist Scott

Standard Postage Stamp Catalogue 2016: United States and Affiliated Territories United Nations: Countries of the World A-B (Scott Standard Postage Stamp Catalogue Vol 1 Us and Countries A-B)

*Dmca*