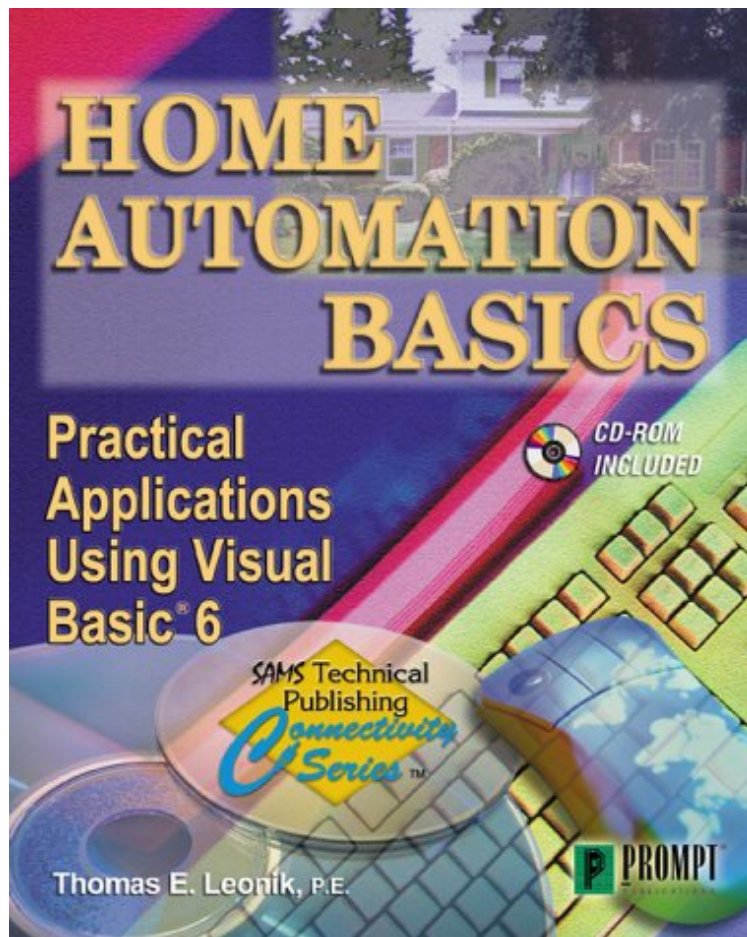


(Mobile book) Home Automation Basics - Practical Applications Using Visual Basic 6 (Sams Technical Publishing Connectivity Series)

Home Automation Basics - Practical Applications Using Visual Basic 6 (Sams Technical Publishing Connectivity Series)

Thomas Leonik

ePub | *DOC | audiobook | ebooks | Download PDF



 Download

 Read Online

#2259569 in Books Cengage Learning 2000-07-01 Ingredients: Example Ingredients Original language: English PDF # 1 9.04 x .65 x 7.40l, 1.22 #File Name: 0790612143304 pages | File size: 72.Mb

Thomas Leonik : Home Automation Basics - Practical Applications Using Visual Basic 6 (Sams Technical Publishing Connectivity Series) before purchasing it in order to gage whether or not it would be worth my time, and all praised Home Automation Basics - Practical Applications Using Visual Basic 6 (Sams Technical Publishing Connectivity Series):

1 of 1 people found the following review helpful. Good book for interfacing RS232 devices By Bruce E. Munck I like this book, but wish the price were a bit lower. There is another very similar book covering lab instead of home automation equipment that actually goes into more depth on the VB6 programming side of things yet is about 1/4 the price. I own both books and refer to them both when needed. This book does a good job of documenting how to communicate over an RS232 connection via the mscomm32.ocx which is included in the VB6 professional and

enterprise editions. Having said that, I can also tell you from experience that an internet search will turn up some very good information on this topic, so don't base your buying decision on only that part of the picture. The author's choice of an AB PLC shouldn't present too big a hurdle as each manufacturer employs a different command structure and methodology for communicating with their equipment. It is ultimately up to you to find the command language your equipment uses; if you aren't up to that then perhaps you aren't quite ready to tackle this kind of a project just yet. The point is, once you are comfortable using mscomm32 you should be able to use it with any PLC available as long as the PLC speaks RS232. If you would like a home automation system and the satisfaction that goes along with building your own this book will get you headed in the right direction and is the real reason for buying it. I can promise you that once you get started you will begin to see possibilities you never expected. The system you ultimately build and program will probably be much more complete and fulfilling than the one in the book. If you are in the dot-net world then this book will be of more limited use to you since MS decided to abandon their active-x platform. If you are one of the lucky ones who still owns VB6 then this book is a good addition to your library. Just remember that the big boys at MS are pulling the plug on VB6 support with any version of Windows past Win-7, so your project will run on Win-95 thru Win-7 but on nothing later. Of course there's Mac with Boot Camp and Linux with Wine if you want to run your program on something other than a Windows PC.

0 of 0 people found the following review helpful. Need to repackage

By Adekunle M. Adebayo
The general intent of the author is interesting but he blows it by writing the book based on the AB PLC which is expensive and not generally popular with Hobbyists and DIY folks. The book will certainly have a lot more appeal had it been written based on PIC's or Basic stamp microcontrollers. However, I found the chapters on RS232 interfacing very useful and am keeping it for that reason.

0 of 0 people found the following review helpful. Excellent for practical applications!

By Eddie
This is an excellent practical resource since the details are revealed. The procedures can be modified to suit many other control applications regardless of residential, commercial or industrial. Recommended!

This book explores the world of Visual Basic 6 programming with respect to real-world interfacing and control on a beginner to intermediate level, with a home automation system. Includes HVAC systems, water pumps, temperature controls and more.

From the Back Cover
Did the mailman come today or not? How many times did the kids run in and out today? How long does the air conditioner usually run? So many questions -- all of which can be answered with a monitoring system as part of an automated home!

In Home Automation Basics, Thomas E. Leonik, P.E. shows you how to use Visual Basic "RM" 6 in a home-monitoring system. Some day soon, all the functions of your home will be automated by a Programmable Logic Controller (PLC), the backbone of all industrial controls in the world. Trailblazing toward that new era, Leonik demonstrates just how easy it is to establish ground-level communications with a PLC through Visual Basic "RM".

Visual Basic "RM" 6 is a flexible programming language that operates through Microsoft "RM" Windows. With the help of a companion CD-ROM, Home Automation Basics guides you through the programming and installation portions of this project, giving you the ability to monitor a variety of functions in your home or office, including: -- Front doorbell-- Door open/closed status-- Water-pump usage-- HVAC usage-- Mailbox status-- Temperature-- Water pressure