PICAXE Microcontroller Projects for the Evil Genius

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WHIP UP SOME FIENDISHLY FUN PICAXE MICROCONTROLLER DEVICES

"Ron has worked hard to explain how the PICAXE system operates through simple examples, and I'm sure his easy-to-read style will help many people progress with their PICAXE projects." --From the Foreword by Clive Seager, Revolution Education Ltd.

This wickedly inventive guide shows you how to program, build, and debug a variety of PICAXE microcontroller projects. *PICAXE Microcontroller Projects for the Evil Genius* gets you started with programming and I/O interfacing right away, and then shows you how to develop a master processor circuit.

From "Hello, World!" to "Hail, Octavius!"
All the projects in Part I can be accomplished using either an M or M2 class PICAXE processor, and Part II adds 20X2-based master processor projects to the mix. Part III culminates in the creation of Octavius--a sophisticated robotics experimentation platform featuring a 40X2 master processor and eight breadboard stations which allow you to develop intelligent peripherals to augment Octavius' functioning. The only limit is your imagination!

PICAXE Microcontroller Projects for the Evil Genius:

- Features step-by-step instructions and helpful photos and illustrations
- Allows you to customize each project for your purposes
- Offers all the programs in the book free for download
- Removes the frustration factor--all required parts are listed, along with sources

Build these and other devious devices:

- Simple mini-stereo jack adapter
- USBS-PA3 PICAXE programming adapter
- Power supply
- Three-state digital logic probe
- 20X2 master processor circuit
- TV-R input module
- 8-bit parallel 16X2 LCD board
- Serialized 16X2 LCD
- Serialized 4X4 matrix keypad
- SPI 4-digit LED display
- Countdown timer
- Programmable, multi-function peripheral device and operating system
- Octavius--advanced robotics experimentation platform
- L298 dual DC motor controller board

Each fun, inexpensive Evil Genius project includes a detailed list of materials, sources for parts, schematics, and lots of clear, well-illustrated instructions for easy assembly. The larger workbook-style layout and

convenient two-column format make following the step-by-step instructions a breeze.

Make Great Stuff!
TAB, an imprint of McGraw-Hill Professional, is a leading publisher of DIY technology books for makers, hackers, and electronics hobbyists.

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From reader reviews:

Patricia Joyner:

Playing with family within a park, coming to see the sea world or hanging out with good friends is thing that usually you have done when you have spare time, in that case why you don't try factor that really opposite from that. One activity that make you not sensation tired but still relaxing, trilling like on roller coaster you are ride on and with addition details. Even you love PICAXE Microcontroller Projects for the Evil Genius, you can enjoy both. It is great combination right, you still need to miss it? What kind of hang type is it? Oh can happen its mind hangout fellas. What? Still don't get it, oh come on its identified as reading friends.

Jonathan Leake:

The book untitled PICAXE Microcontroller Projects for the Evil Genius contain a lot of information on it. The writer explains the woman idea with easy approach. The language is very clear to see all the people, so do not really worry, you can easy to read that. The book was authored by famous author. The author gives you in the new era of literary works. You can easily read this book because you can read more your smart phone, or gadget, so you can read the book throughout anywhere and anytime. If you want to buy the e-book, you can wide open their official web-site and also order it. Have a nice go through.

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