



# Programming and Customizing the PICAXE Microcontroller 2/E (Programmable Controllers Series)

*David Lincoln*

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## **UNLEASH THE POWER OF THE PICAXE!**

The PICAXE is a powerful and easy-to-use processor, capable of highly sophisticated projects, without the complexities and high costs of alternative chips. Beginners can produce tangible results within minutes, and experienced users can achieve truly professional results. *Programming and Customizing the PICAXE Microcontroller*, Second Edition, has been fully updated for the latest hardware and software upgrades, and shows you, step by step, how to take full advantage of all the capabilities of the PICAXE and build your own control projects.

This practical guide is packed with helpful illustrations, detailed examples, and do-it-yourself experiments. Perfect for beginners and students, the book also contains advanced information for more experienced programmers, hobbyists, manufacturers, and research institutions.

*Programming and Customizing the PICAXE Microcontroller*, Second Edition, covers:

- PICAXE architecture
- The latest chips, including M2, M, X, XI, and X2 series
- Windows, Mac, and UNIX platforms
- Interfacing and input/output techniques
- BASIC programming and compilers
- PICAXE arithmetic and data conversion
- Dozens of ready-to-run projects
- Useful routines to plug into your own designs

Hands-on projects include:

- LED and LCO display control
- Motor control
- Water detector
- Bipolar transistor output driver
- Interfacing MOSFETs to a PICAXE
- Radio-control servo motor
- Infrared wireless links
- Telephone intercom
- Dual-temperature display
- Radio frequency identification (RFID) reader display
- Memory and I/O expansion
- Real-time clock/calendar
- Data logger
- Robotic components
- Many more

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presently there but nothing reading very seriously. Any students feel that studying is not important, boring in addition to can't see colorful pictures on there. Yeah, it is being complicated. Book is very important for you personally. As we know that on this period of time, many ways to get whatever we wish. Likewise word says, ways to reach Chinese's country. Therefore this Programming and Customizing the PICAXE Microcontroller 2/E (Programmable Controllers Series) can make you feel more interested to read.

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