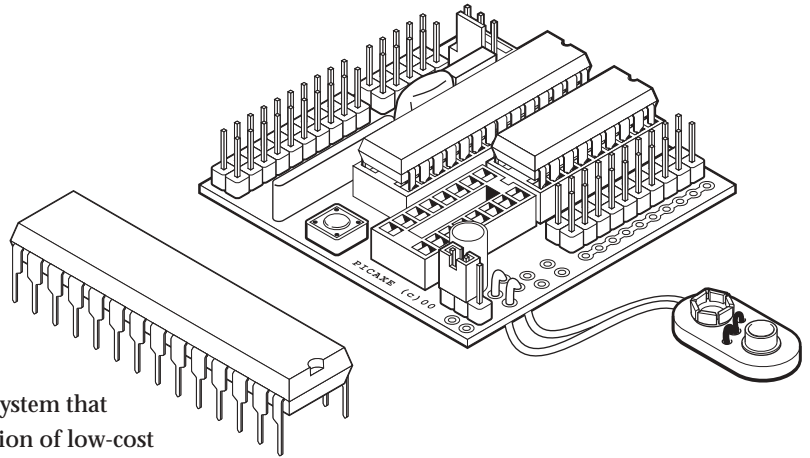


AXE001 PICAXE-28X1 STARTER PACK

Contents:

- AXE010X1 PICAXE-28X1 microcontroller
- AXE020 28-pin Project Board
- BAS805 CD ROM containing software and manuals
- BAT013 3xAA 4.5V battery box
- Input/output cables
- AXE026 PICAXE Serial Download cable
- or
- AXE027 PICAXE USB Download cable



Introduction

The 'PICAXE' is an easy-to-program microcontroller system that exploits the unique characteristics of the new generation of low-cost 'FLASH' memory based microcontrollers. These microcontrollers can be programmed over and over again without the need for an expensive programmer. The power of the PICAXE system is its simplicity. No programmer, eraser or complicated electronic system is required - the microcontroller is programmed (with a simple 'BASIC' program) via a 3-wire connection to the computer's serial port. The operational PICAXE circuit uses just 3 components and can be easily constructed on a prototyping breadboard, strip-board or PCB design.

The PICAXE-28X1 microcontroller provides 24 input/output pins - 8 digital outputs, 8 digital inputs, 4 analogue inputs and 2 serial interface pins.

- *low-cost, simple to construct circuit*
- *8 inputs, 8 outputs and 4 analogue channels*
- *rapid download via serial cable*
- *free, easy to use Programming Editor software*
- *simple to learn BASIC language*
- *can also be programmed via flowcharts or by third party software.*
- *free manuals and online support forum*

Instructions for use:

1. Peel off the light green protective layer from the rear of the project board.
2. Connect a 4.5V (3 x AA battery) pack. DO NOT use a 9V PP3 battery.
3. The Programming Editor software and manuals are supplied on the CD ROM, which should automatically start when inserted into a computer. If the CD ROM does not start automatically then run the file d:\INDEX.HTM
4. If new to the PICAXE system please follow the instructions and tutorials within 'PICAXE Manual Part 1 - Getting Started'
5. The manual for the project board is found from the following menu of the software:
Help>PICAXE28>AXE020 Project board
6. The software and manuals are occasionally updated. Latest versions of these can be freely downloaded from the website www.picaxe.co.uk

AXE027 USB Cable:

Installation instructions are in the PICAXE manual. USB drivers are on the CDROM.