PICAXE-08 PROTO BOARD KIT

AXE021 PICAXE-08 Proto Board Kit

prototyping area

PICAXE-08 Proto Board

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OUT   PROG

RED
BLK

download socket

optional capacitor holes

jumper

PICAXE-08

+V	1	8	0V
Serial In	2	7	Pin 0 / Serial Out
Pin 4	3	6	Pin 1
Pin 3	4	5	Pin 2
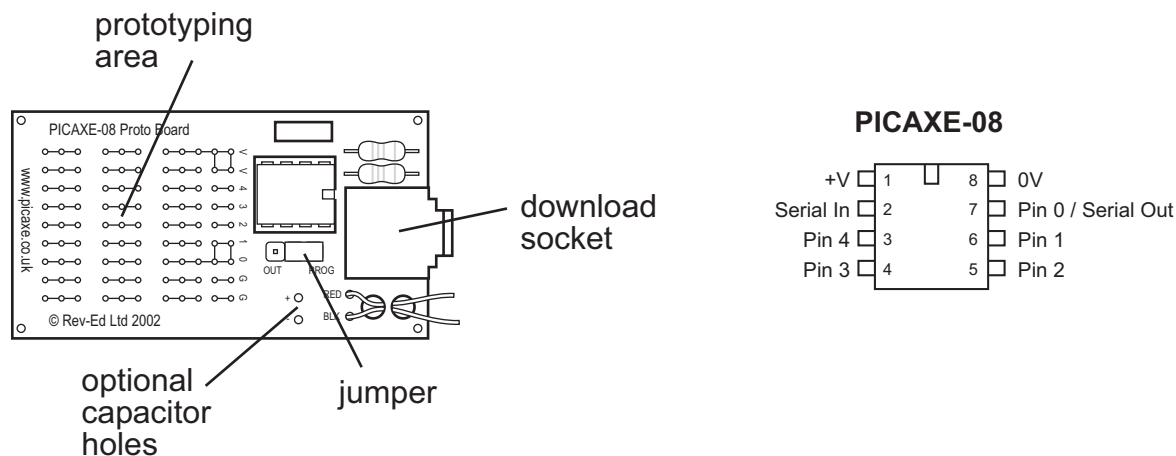
Contents:

- PCB   Proto board PCB
- R1   10k resistor (brown black orange gold)
- R2   22k resistor (red red orange gold)
- C1   100nF polyester capacitor
- H1   3 pin header and jumper link
- CT1   stereo download socket
- BC   Battery Clip
- IC1   8 pin IC socket
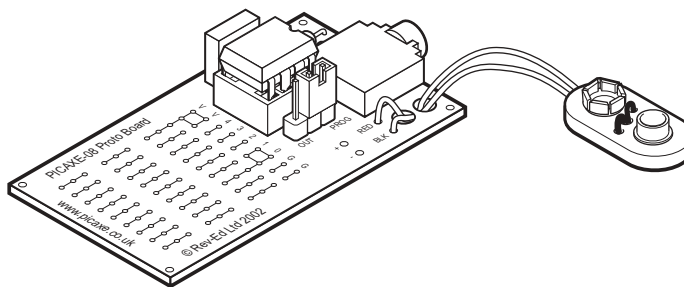
Description:

The PICAXE-08 proto board provides a rapid development system for the PICAXE-08 microcontroller system. It provides the basic download circuit beside a small proto typing area for connection of input / output circuits to the PICAXE-08 pins.

Instructions:

1. Solder the components in place. Note the battery clip can be threaded through the board prior to soldering to generate a stronger joint.

2. Insert a PICAXE-08 microcontroller (purchased separately, part AXE007). If desired an electrolytic capacitor (e.g. 100uF) may be soldered beside the battery clip for voltage smoothing on noisy circuits. ONLY USE A 4.5V or 5V battery pack, not a 9V PP3 battery, as the power supply.

3. Use the prototyping area to develop your test circuit. Note the pads are joined in sets of pads (and power rails) as marked in ink on the top of the board.

4. Use the Programming Editor software to develop a control program, and then download the program to the board by connecting the PICAXE download cable (part AXE026).

Pin0:

Note that pin0 is used as both output 0 and the serial output during a download. Ensure the jumper is moved to the correct position as appropriate for each use.

OUT   PROG

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