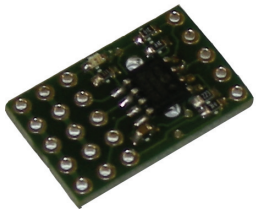
AXE230 PICAXE-08M MODULE

Contents:

- 1 PICAXE-08M Module PCB
- 2 10 pin headers (snap in half to make 4x 5pin)
- 1 PICAXE download socket
  (for AXE027 USB or AXE026 serial cable)



Description:

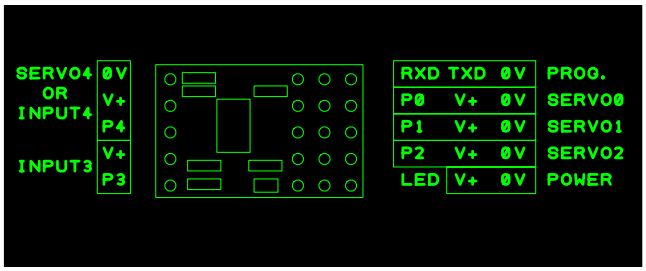
The PICAXE-08M module provides a very small footprint (20 x 14 x 3mm) PICAXE circuit for building into small projects. It is designed for ease of use with radio-control servos and other small electronic devices.

Assembly:

1. The board is supplied with optional headers that may be soldered either side as desired. Alternately wire connections may be soldered directly to the board.
2. The board is supplied with an optional download socket that may be soldered onto the reverse of the PCB (socket entry points upwards, so pins are in direct centre of solder pads). Alternately programming connections may also be made via the pin headers.

Use:

The module does not contain any power regulator, therefore the power supply must be in the range 3 to 5.5V DC. On 'noisy' servo supplies an external capacitor (e.g. 100uF) may also be required across the power rails.



The board has been designed to allow up to 4 servo (or other output) connections. Please see the pinout diagram and circuit for more details.

Pins 3 and 4 include on-board 10k pull down resistors so that these pins may be used directly as inputs without any other modification.

Note that the LED pin must be connected to 0V for use (controlled by output pin 2). The LED is not connected by default so that very low power battery circuits do not need to supply the extra LED current drain. If the pin is left unconnected no extra power is used by the LED.

For further details about programming and use of the PICAXE-08M chips please see the full PICAXE manuals, available from www.picaxe.co.uk

Circuit Diagram: