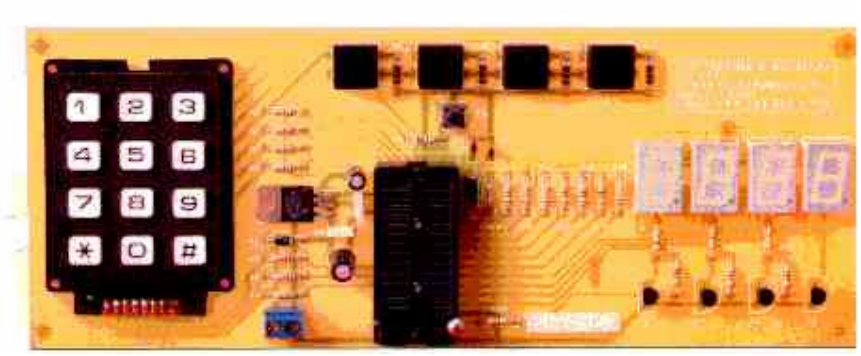
PIC Project Boards

The following three project boards are ideal for prototype evaluation or for those who wish to learn PIC programming. These boards have been designed so that the user can start with a working PCB to reduce development time. The range of PCB's have been designed so that a comprehensive range of program ideas can be evaluated. For ease of use the boards have a silk screen legend for component identification. The only additional parts that are required are a DC power supply or battery (9 to 24v) and a suitable PIC.

PIC Project 1
Features Push button inputs and LED outputs with provision for a ULN2803 Darlington Driver.

- Suitable for all 18 pin devices (16C54, 16C56, 16C71 and 16C84).
- ZIF socket for easy insertion of the PIC
- Socket provided for a darlington driver (ULN2803).
- 4 MHz crystal for 1 µS instruction time.
- 4 input switches connected to port A.
- 8 LEDs connected to port B.
- 5 volt regulator and a diode to protect against incorrect voltage polarity.
- Suitable projects include push button switching,
  LED pattern generator,
  delay timers and logic replacement.
- Size 4" x 4"

Pre-assembled (PT1)
Kit Form (PTK1)



PIC Project 2
Features 4 x 3 data entry keypad, 4 push button inputs and 4 seven segment display drivers.

- Suitable for 28 pin devices (16C55, 16C57).
- ZIF socket for easy insertion of the PIC
- 4 MHz crystal for 1 µS instruction time.
- 4 x 3 keypad connected to ports A and B.
- 4 input switches connected to port B.
- 4 x 7 segment LED displays connected to port B.
- 5 volt regulator and a diode to protect against incorrect voltage polarity.
- Suitable projects include digital clock, simple calculator, key scan and HEX to 7 segment display.
- Size 9" x 3.5"

Pre-assembled (PT2)
Kit Form (PTK2)

For information on how to program PICs you should read the book
"The Engineers Guide to Programming PICs by John Varley"