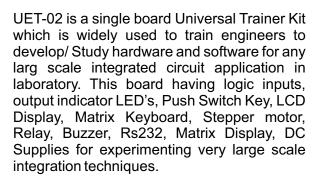
.....a total solution for Educational Lab Trainers

UET-02 UNIVERSAL EMBEDDED TRAINER







- Piggy Bag Daughter Board.
- Piggy Bag XILINX SPARTAN XC3S50 FPGA (optional)
- Piggy Bag XILINX SPARTAN XC3S400 FPGA (optional)
- On board USB JTAG Programmer for configuring XILINX Device.

Display Indicator

- 16 LED's indicator for input/output ports of the FPGA.
- Six digit seven segment display.
- 16x2 Alpha-numeric LCD Display with the backlight.
- Two Dices LED's (Dice-1 and Dice-2)
- 8x8 Dot Matrix Display.
- Switches
- 2nos. of 8 pin DIP Switches for input selection.
- 8 Push button Switches with LED indicator.
- 3 Pulse Generator Switches for High to Low



transition with LED indicator.

- 3 Pulse Generator Switches for Low to High transition with LED indicator.
- 5x4 matrix key board.

Onboard Interfaces

- RS-232C Serial connector.
- Miniature Buzzer.
- 12V SPDT Relay.
- Stepper Motor Controller.
- On-board Reset Key.
- 1Ch. 8 bit ADC using ADC 0804.
- Two 8 bit DAC using DAC 0800.
- Temperature sensor interface using Lm35.

Clock Generator

- On-board 20MHz Oscillator.
- 20 MHz clock and one of nine different frequency clocks (1Hz, 10Hz, 100Hz, 1 KHz, 10 KHz, 100 KHz, 1 MHz, 10 MHz & 20 MHZ.
- Four set of 20x2 Female berg connector to plug-in the DAUGHTER BOARD.
- Supply Input Voltage: 230V AC.
- All IC's are mounted on IC Sockets.
- Bare board Tested Glass Epoxy SMOBC PCB is used.
- Attractive Metal/ Wooden enclosure.
- User's Manual with 'VHDL' Source code sample programs for all on board applications.

Note: Specifications can be altered without notice in our constant efforts for improvement.