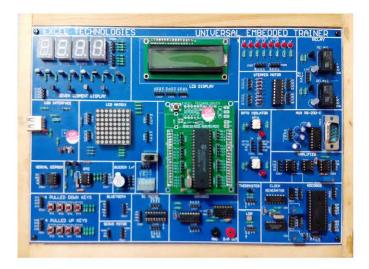


UNIVERSAL EMBEDDED TRAINER(ADVANCE)



MODEL: ET-UET-A

ET-UET-A Universal Embedded Trainer.(ADVANCE)

The Universal Embedded Trainer Supports different microcontroller daughter boards like 8051, PIC, AVR, ARM7, Arduino, etc and has on Board following Interfaces

- On Board USB interface for downloading and communications(using FT232B)
- · RS232 serial port for the user Design.
- · On board Toggle switch for following Selection
- -Downloading the Program into the Microcontroller using Serial port
- -Downloading the Program into the Microcontroller using USB Port
- On Board8 channel ADC with potentiometers for giving input
- On Board DAC Chip
- On Board 16*2 LCD Display
- On Board 4 seven segment Display
- · On Board 4 Pulled up Keys
- · On Board 4 Pulled Down Keys
- On Board 8 LED Outputs
- On Board Two Relays(220V)
- · On Board two Opto Isolated Inputs
- On Board Stepper Motor Controller Driver
- · On Board DC Motor Controller
- On Board Serial EEPROM
- On Board Thermister Temperature sensor
- · On Board LDR sensor
- · On Board Buzzer output
- · On board interface for servo motor
- On board Bluetooth interface for communication with mobile phone

- On board 8x8 DOT LED Matrix interface
- On board RTC -1302
- On Board Amplifier for sensors like RTD, Load cell and Thermocouple
- · Built in Power Supply
- · Enclosed in a Wooden Box
- Supplied with User Manual, Connecting wires, USB cables& CD with Sample programs, Data Sheet & neces sary Software

Daughter Boards:

ET-8051D-8051 Daughter Board

- · Based on 89c51RD2
- · All ports are available onboard for the user
- · Onboard Reset switch

ET-PICD PICDaughter Board

- Based on PIC 16F877A
- All ports are available onboard for the user
- · Onboard Reset switch

ET-ARM7D ARM7 Daughter Board

- · Based on LPC 2148
- · All ports are available onboard for the user
- · Onboard Reset switch
- · On board USB for Downloading the Program

ET-AVR16D AVR Atmega 16 Daughter Board

- Based on AVR Atmega 16
- · All ports are available onboard for the user
- · Onboard Reset switch

ET-UNODArduino UNO R3 Daughter Board

- · Based on Arduino UNO R3
- · Onboard Reset switch
- · On board USB for Downloading the Program

ET-AVR8D AVR Atmega 8 Daughter Board

- · Based on AVR Atmega 8
- · All ports are available onboard for the user
- · Onboard Reset switch

ET-ARM-CM3 ARM Cortex M3 Daughter Board

- · Based on LPC 1768
- · All ports are available onboard for the user
- USB Programming

ET-MSP430-D MSP430 Daughter Board

- · Based on TI's MSP430
- · All ports are available onboard for the user
- USB Programming

C-92, Sector - 63, Noida, Uttar Pradesh,

 $Note: Specifications\ are\ subject\ to\ change\ due\ to\ our\ constant\ efforts\ for\ Improvement.\ Please\ refer\ to\ quotation\ for\ final\ specifications.$



