MODEL : ET-UET-A

ET-UET-A Universal Embedded Trainer.(ADVANCE)
The Universal Embedded Trainer Supports different micro-controller 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 & necessary 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-UNOD Arduino 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

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

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