E87-01
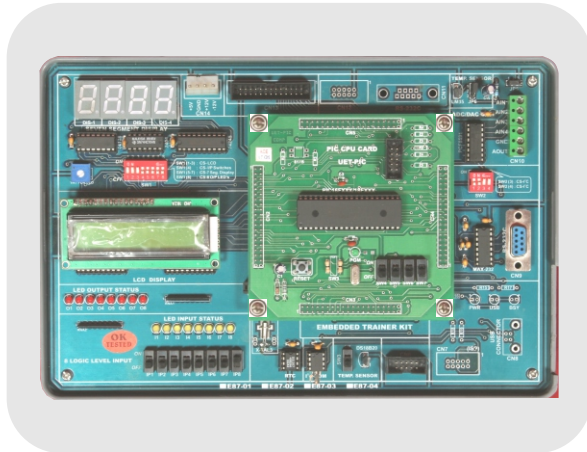# MCU EMBEDDED TRAINER KIT

E87-01 is a single board Universal Embedded Kit based on MCU (Philips 89C61X2 / P89V51RD2) Microcontroller for any Embedded applications.
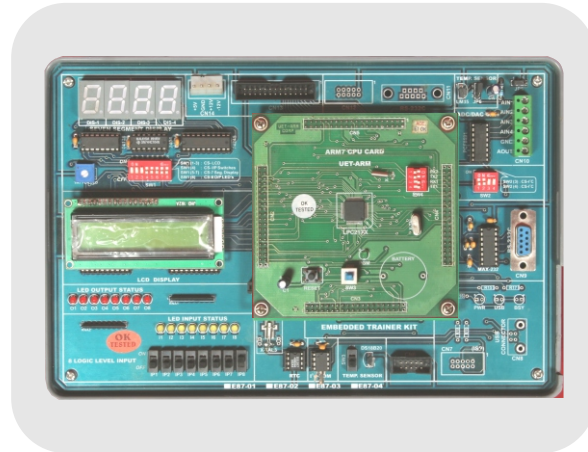
Feature

❖ CPU: Philips 89C61X2 / P89V51RD2 Microcontroller

❖ ISP Programming facility

Onboard Application

❖ 8 LEDs to display Digital Output

❖ 8 Switches to give Digital Input each indicated by LED

❖ 16*2 Alphanumeric LCD

❖ 4 digit Seven segment displays

❖ I^{2}C compatible

- 24C512 EEPROM (64KB)

- DS1307 RTC with suitable battery

- 4 Ch. 8bit ADC & 8 bit DAC using PCF8591

❖ Temperature sensor interface Lm35

❖ Temperature sensor interface DS18B20

❖ 24 I/O Lines Provided on a 26 pin FRC Connector for external interface

❖ On board supply +/- 12V, 5V is provided

❖ Supply Input Voltage: 230V AC

❖ Attractive ABS Plastic enclosures

❖ User's Manual with sample programs for all on board features

E87-02
ARM EMBEDDED TRAINER KIT

E87-02 is a single board Universal Embedded Kit based on ARM (Philips LPC2148 / LPC2378) Microcontroller for any Embedded applications.

Feature

❖ CPU: Philips LPC 2148 / LPC2378 Microcontroller

❖ ISP Programming facility

Onboard Application

❖ 8 LEDs to display Digital Output

❖ 8 Switches to give Digital Input each indicated by LED

❖ 16*2 Alphanumeric LCD

❖ 4 digit Seven segment displays

❖ I^{2}C compatible

-24C512 EEPROM (64KB)

-DS1307 RTC with suitable battery

-4 Ch. 8bit ADC & 8 bit DAC using PCF8591

❖ Temperature sensor interface Lm35

❖ Temperature sensor interface DS18B20

❖ 24 I/O Lines Provided on a 26 pin FRC Connector for external interface

❖ On board supply +/- 12V, 5V is provided

❖ Supply Input Voltage: 230V AC

❖ Attractive ABS Plastic enclosures

❖ User's Manual with sample programs for all on board features

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