Order Code - 43501
89C51 Embedded Trainer

Order Code - 43501 is a single board Universal Embedded Kit based on MCU (Philips 89C61X2) Microcontroller for any Embedded
Applications.

Feature:

01. CPU: Philips 89C61X2 Microcontroller
02. ISP Programming facility

Onboard Application:

01. 8 LEDs to display Digital Output
02. 8 Switches to give Digital Input each indicated by LED
03. 16*2 Alphanumeric LCD
04. 4 digit Seven segment displays
05. I2C compatible
    - 24C512 EEPROM (64KB)
    - DS1307 RTC with suitable battery
    - 4 Ch. 8bit ADC & 8 bit DAC using PCF8591
06. Temperature sensor interface Lm35
07. Temperature sensor interface DS18B20
08. 24 I/O Lines Provided on a 26 pin FRC Connector for external interface
09. On board supply +/- 12V, 5V is provided
10. Supply Input Voltage: 230V AC
11. User's Manual with sample programs for all on board features

Order Code - 43502
LPC2148 ARM Embedded Trainer

Order Code - 43502 is a single board Universal Embedded Kit based on ARM (Philips LPC2148) Microcontroller for any Embedded applications.

Feature:

01. CPU: Philips LPC 2148 Microcontroller
02. ISP Programming facility

Onboard Application

01. 8 LEDs to display Digital Output
02. 8 Switches to give Digital Input each indicated by LED
03. 16*2 Alphanumeric LCD
04. 4 digit Seven segment displays
05. I2C compatible
    -24C512 EEPROM (64KB)
    -DS1307 RTC with suitable battery
    -4 Ch. 8bit ADC & 8 bit DAC using PCF8591
06. Temperature sensor interface Lm35
07. Temperature sensor interface DS18B20
08. 24 I/O Lines Provided on a 26 pin FRC Connector for external interface
09. On board supply +/- 12V, 5V is provided
10. Supply Input Voltage: 230V AC
11. User's Manual with sample programs for all on board features

Note: Specifications are subject to change.

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Order Code - 43503
PIC 16F877A/18F452 Embedded Trainer

Order Code - 43504
ATMEGA32 AVR Embedded Trainer

Order Code - 43503 is a single board Universal Embedded Kit based on PIC (Microchip 16F877A / 18F452) Microcontroller for any Embedded applications.

Feature

01. CPU: Microchip 16F877A / 18F452 Microcontroller
02. ISP Programming facility

Onboard Application

01. 8 LEDs to display Digital Output
02. 8 Switches to give Digital Input each indicated by LED
03. 16*2 Alphanumeric LCD
04. 4 digit Seven segment displays
05. I2C compatible
    -24C512 EEPROM (64KB)
    -DS1307 RTC with suitable battery
    -4 Ch. 8bit ADC & 8 bit DAC using PCF8591
06. Temperature sensor interface Lm35
07. Temperature sensor interface DS18B20 24 I/O Lines Provided on a 26 pin FRC Connector for external interface
08. On board supply +/- 12V, 5V is provided
09. Supply Input Voltage: 230V AC
10. User's Manual with sample programs for all on board features

Order Code - 43504 is a single board Universal Embedded Kit based on AVR (ATMEL Atmega32) Microcontroller for any Embedded applications.

Feature:

01. CPU: ATMEL Atmega32 Microcontroller
02. ISP Programming facility

Onboard Application:

01. 8 LEDs to display Digital Output
02. 8 Switches to give Digital Input each indicated by LED
03. 16*2 Alphanumeric LCD
04. 4 digit Seven segment displays
05. I2C compatible
    -24C512 EEPROM (64KB)
    -DS1307 RTC with suitable battery
    -4 Ch. 8bit ADC & 8 bit DAC using PCF8591
06. Temperature sensor interface Lm35
07. Temperature sensor interface DS18B20
08. 24 I/O Lines Provided on a 26 pin FRC Connector for external interface
09. On board supply +/- 12V, 5V is provided
10. Supply Input Voltage: 230V AC
11. User's Manual with sample programs for all on board features

Note: Specifications are subject to change.

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