

8085 Microprocessor Trainer Kit

Specification:

- Intel 8085A CPU @ 6.144 MHz Clock speed.
- RAM : 8KB expandable upto 32KB, Jumper selectable.
- EPROM : 8KB expandable upto 32KB, Jumper selectable.
- Lithium Battery backup for RAM.
- 21 Keys multi-function keyboard with double shot characters for long life.
- 6 digit 7Segment RED LED Display.
- 3 Channel 16 bit counter / timer terminated in a 10 Pin Connector.
- 48 TTL I/O Lines, terminated at 26 pin FRC connector
- RS232C Compatible serial Port terminated in a 9 Pin "D" Male Connector.
- One VXT Bus (50 Pin FRC Connector) for interfacing VBMB series of Experiment boards and bus expansion.
- Built-in SMPS Power Supply: Input : 230V AC, Output: +5V / 3.5A, +12V / 150mA.
- Built in Line Assembler and Disassembler provided.
- Software single stepping of user programs by instruction for software debugging.



8086 Microprocessor Trainer Kit

Specification:

- INTEL 8086CPU AT 4.77 MHZ CLOCK SPEED
- 16KB for monitor EPROM upgradable to 64kb
- 16KB RAM expandable to 64KB
- Battery backup provision for RAM upto 64KB
- 16 x 2 (or) 20 x 4 Alphanumeric LCD display
- 101 keys IBM compatible keyboard
- 24 TTL I/O lines brought out to two nos., of 26 pin FRC connector
- 1 number of standard RS232C compatible serial port brought out to a pin D type male connector.
- 3 channel 16 bit counter/timer using 8253.
- Fully buffered address data and control signals terminated at a 50 pin header(VXT BUS) for interfacing VBMB series
- of experiment boards and bus expansion.
- 8 no's of interrupt lines are terminated at a 10 pin connector.
- Kit operates with a single +5V/DC supply
- The kit and the power supply are mounted on a attractive light gray color fiber glass cabinet with fiber glass top cover.
- Built-in line assembler & Disassembler
- Powerful debugging monitor to develop user program.



89C51 Microcontroller Trainer

Specification:

- Core :NXP89C51RD2 / 8051
 - Internal Memory :64KB Flash, 1KB RAM
 - External Memory :64KB EPROM, 64KB RAM
 - 16 Digital Outputs - SMD LED Interface.
 - 16 Digital Inputs - Switch Interface.
 - 20X4 Character LCD Interface.
 - I2C Peripherals :
 - 8 Bit ADC [8-Bit 4 Channel ADC, Two Potentiometer Provide in on board].
 - 8 Bit DAC.
 - Six 7-Segments Display Interface.
 - On Board Stepper Motor Driver is provided.
 - PWM lines are terminated at Terminal Block.
 - IBM PC Keyboard Interface for entering program.
 - CPU Lines are terminated at 50 pin Expansion Header:(VBMB and VPIC)
 - I/O ports terminated to connect to external devices.
 - Program / Execution switch is provided for serial ISP (Using ISP Utility Software).
 - ADC, DAC lines are terminated at terminal blocks.
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