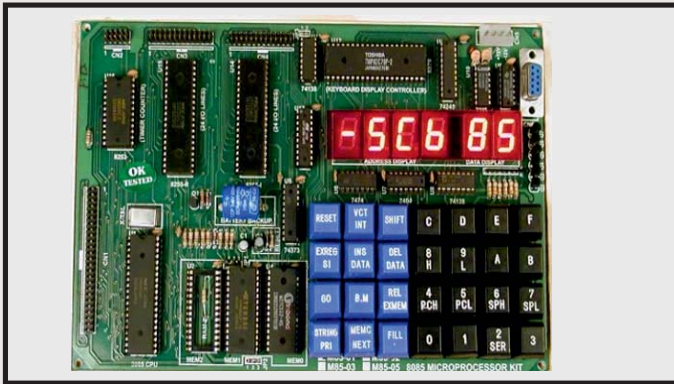




## 8085 MICROPROCESSOR TRAINER WITH LED DISPLAY



### TECHNICAL SPECIFICATIONS

- , Based on 8085 CPU operating at 6.144 MHz crystal frequency.
- , 8K bytes of EPROM loaded with powerful monitor program.
- , 8K bytes of RAM available to the user
- , Total on board memory expansion upto 64K bytes using 2732/2764/27128/6264/ 62256 with 1 socket of 28 pin.
- , Battery back up for RAM with 3.6V rechargeable cell.
- , Memory mapping definable by the user.
- , 16 bit programmable TIMER/COUNTER using 8253.
- , 24 I/O lines provided through 8255
- , RS-232C interface through SID/SOD Lines with Auto baud rate.
- , **USB Interface to connect kit to computer (Optional).**
- , Two modes of commands:
  - Hex Key pad mode & Serial mode
- , All address, data & control lines are buffered and made available at the edge connector as per STD bus configuration.
- , 25/28 key hexadecimal keyboard and six seven segment displays through 8279.
- , Powerful software commands like Relocate, String, Fill, Insert, Delete, Block Move, Examine/Compare Memory, Examine Register, Insert Data, Delete Data, Single Step, GO, Break Point in both Serial & Keyboard mode.
- , Facility for Downloading/Uploading files from/to PC.
- , **Enclosed in an attractive ABS plastic cabinet with cover.**
- , **In-built Power supply**
- , User's Manual.

### TECHNICAL SPECIFICATIONS

- All Specifications are same with additional features as given below :
- , 22 I/O lines provided through 8155

## 8085 MICROPROCESSOR TRAINER WITH LCD DISPLAY



### TECHNICAL SPECIFICATIONS

- , Based on 8085 CPU operating at 6.144 MHz crystal frequency.
- , 8K bytes of EPROM loaded with powerful monitor program.
- , 8K bytes of RAM available to the user
- , Total on board memory expansion upto 64K bytes.
- , Memory mapping definable by the user.
- , 16 bit programmable TIMER/COUNTER using 8253.
- , 48 programmable I/O lines provided through 8255.
- , RS-232C interface through SID/SOD Lines with Auto baud rate.
- , **USB Interface to connect kit to computer (Optional).**
- , Two modes of commands:
  - Hex Key pad mode & Serial mode
- , All address, data & control lines are buffered and made available at the edge connector as per STD bus configuration.
- , 104/105Keys IBM PC Compatible ASCII Keyboard and 16x2 LCD display.
- , Powerful software commands like Relocate, String, Fill, Insert, Delete, Block Move, Examine/Compare Memory, Examine Register, Insert Data, Delete Data, Single Step, GO, Break Point in both Serial and Keyboard mode.
- , Facility for Downloading/Uploading files from/to PC.
- , On board Disassembler.
- , Battery back up provided.
- , **Enclosed in an attractive ABS plastic cabinet with cover.**
- , **In-Built Power Supply**
- , User's Manual.

### TECHNICAL SPECIFICATIONS FOR

- , All Specifications are same with additional features as given below :
- , I/O lines Controlled
- , 8 LED using 8 nos. of I/O lines.
- , 2 Relay of 12V & 1 Opto
- , 8 Bit DAC using DAC-0800
- , 8 Channel 8 Bit ADC using ADC-0809.

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