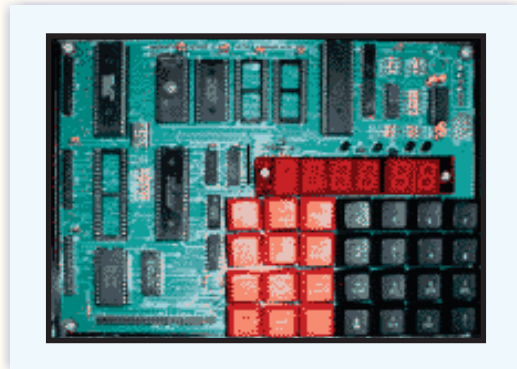




# 8085 MICROPROCESSOR TRAINER

MODEL - MP8085A

This kit has been designed with a view to provide practical and experimental Knowledge of general circuit of 8085 Microprocessor circuits on single PCB.



## SPECIFICATIONS

01. Based on 8085 CPU operating at 6.144 MHz crystal
02. 8K bytes of EPROM loaded with powerful monitor program
03. 8K bytes of RAM available to the user
04. Total on board memory expansion up to 64K bytes using 2732/2764/27128/6264/ 62256 with 1 socket of 28 pin
05. Battery back up for RAM with 3.6V rechargeable cell
06. Memory mapping definable by the user
07. 16 bit programmable TIMER/COUNTER using 8253
08. 24 I/O lines provided through 8255
09. RS-232C interface through SID/SOD Lines with Auto baud rate
10. Two modes of commands: Hex Key pad & Serial mode
11. All address, data & control lines are buffered and made available at the edge connector as per STD bus configuration
12. 25/28 key hexadecimal keyboard and six seven segment displays through 8279
13. 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
14. Facility for Downloading/Uploading files from/to PC
15. In-built Power supply
16. User's Manual
17. E-Books for Microprocessors : 10 Nos in pdf Format
18. Mp4 Video Class for Microprocessors : 40 Classes in Mp4 on DVD / Pen Drive

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