



8086 MICROPROCESSOR TRAINER

MODEL - Mp8086

This kit has been designed with a view to provide practical and experimental Knowledge of general circuit of 8086 Microprocessor circuits on single PCB.



SPECIFICATIONS

1. Microprocessor : 8086/8088.
8086 Processor can be replaced by 8088 Processor.
2. CPU Clock frequency : 2.5/5 MHz.
3. Monitor facilities : 16K bytes of EPROM with powerful monitor program
4. Memory : 16K bytes of Ram with Battery backup
5. Interrupts : Powerful interrupts capabilities.
6. Keyboard : 28 keys hexadecimal keyboard.
7. Display circuit : 8 digits 7 segment display
8. I/O Lines : 72 I/O lines through 3 nos. of 8255.
9. Serial communication : RS-232C Serial interface using 8251 through MAX-232.
10. Parallel Interface : Printer interface
11. Baud rate selection : by DIP switch from 110-19,2K bps
12. Timers : 16 bit Timer/Counter through 8253.
13. Bus : All address, data and control lines are brought out on a 50 & 20 pin FRC connector for system interfacing and expansion.
14. Facility for uploading/downloading of files from/ to PC. Single line Assembler & Disassembler
15. In-built Power Supply : +5V and +12V
16. Standard Accessories : Operating cum teaching manual

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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