Excel

MODEL : ET-8086

SPECIFICATIONS:

• Based on Intel's 8086/8088 CPU @ 2.5/5 MHz.
• 8086 Processor can be replaced by 8088.
• 16 K/64 K bytes of RAM available to the user.
• 16 K/64 K bytes of EPROM loaded with powerful monitor program using 27128/27256/27512.
• Memory expandable further to 384 K byte
• Memory mapping definable by the user.
• Battery Back up for RAM area (Optional).
• 48 I/O lines provided through 2 Nos. 8255.
• Three 16-bit Timers/Counters through 8253.
• RS-232C for CRT Terminal through 8251.Baud rate selection through DIP Switch.
• 28 Keys and eight seven segment displays.
• Resident monitor with two modes of operation: key board and serial mode.
• All address, data and control signals available at FRC connector
• Powerful software commands like Go, Examine/Modify bytes/Register, Single stepping; Block Move, Fill, Insert, Delete, Input/Output bytes & word
• **Uploading /Down loading facility with PC.**
• **Assembler/ Dissembler**
• **With Built in Power Supply.**

MODEL : ET-8086AD
(ADVANCE 8086 MICROPROCESSOR TRAINING KIT)

SPECIFICATIONS:

• Based on Intel's 8086/8088 CPU @ 2.5/5 MHz. 8086 Processor can be replaced by 8088.
• Facility to add 8087 and 8089 I/O Processor.
• 16 K/64 K bytes of RAM available to the user.
• 16 K/64 K bytes of EPROM loaded with powerful monitor program using 27128/27256/27512.
• Memory expandable further to 384 K byte
• Memory mapping definable by the user.
• Battery Back up for RAM area (Optional).
• 72 I/O lines provided through 3 Nos. 8255.
• Three 16-bit Timers/Counters through 8253.
• On Board Interfaces for
  1. **EPROM Programmer for 27 Series with Program, Verify, List, and Blank Check for Even, Odd and Continuous Bytes.**
  2. **On Board A/D Converter.**
  3. **On Board D/A Converter.**
  4. **RS-232C for CRT Terminal through 8251. Baud rate selection through DIP Switch.**
• 28 Keys and eight seven segment displays.
• Resident monitor with two modes of operation: keyboard and serial mode.
• All address, data and control signals available at FRC connector
• Powerful software commands like Go,Examine/ Modify bytes/Register, Single stepping;Block Move, Fill, Insert, Delete, Input/Output bytes & word.
• **Uploading /Down loading facility with PC.**
• **Assembler/ Dissembler**
• **With Built in Power Supply.**

INTERFACING MODULES / STUDY CARD
Various types of interfacing modules and Study Cards from EXCEL can be hooked to these kit to perform simple experiments in the lab.These modules are very helpful in learning about real life interfacing problems of Micropro-cessor.

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