MODEL : ET-8086LCD

* 8086 MICROPROCESSOR TRAINER KIT(LCD) Model:ET-8086LCD

Specification:
- Compatible with 8088 Microprocessor (8 bit)
* Provision to add 8087 Co-processor & 8089 I/O Processor
* 24 programmable I/O lines through8255.
* Three 16-bit Timer/Counter through 8253
* RS 232C serial interface through 8251.
* 104 Keys IBM Compatible Key Board.(USB)

MEMORY CAPACITY:
Monitor : EPROM: 128KB,
Battery Back Up : 64KB
Scratch Pad: 64KB
ADVANCED S/W:
[Assembler:/ Disassemble]
* Line assembler
* Disassembler
* Hex Dump
INTERRUPTS:
* 8 Nos. Using 8259
* User Manual :
1) Student Workbook
2) Instructor Guide and Technical Reference
3) Lab Exercise Book for 8086.
*Speed
20 MHz crystal operated multi-output clock source to operate various resources on Mother Board like CPU, Baud rate, T/C etc.
* Enclosed in ABS Plastic Box with Cover

* ADVANCE 8086 MICROPROCESSOR KIT (LCD) Model:ET-8086ADLCD

Specification:
- 8086 microprocessor (16 Bit) chip, operating at 20 MHz crystal
- Compatible with 8088 Microprocessor (8 bit)
- Provision to add 8087 Co-processor & 8089 I/O Processor.
- 64 KB of CMOS RAM expandable to 128 KB using 62256
- 128 KB of EPROM loaded with monitor expandable further using 27010.
- **Battery Backup for RAM.**
- Total on Board memory expansion to 384 KB.
- 48 programmable I/O lines through8255.
- **Real time Clock interfaces**(optional).
- Speaker interface(Optional)
- Audio Cassette (Optional)
- Three 16-bit Timer/Counter through 8253.
- **RS 232C serial interface through 8251.**
- **On Board Assembler & Dessembler**
- 8 different level of interrupt through 8259.
- 1 Maskable interrupts.
- 8 Non-Maskable interrupt
- **16*2 LCD Display (can be 20*2, 20*4,40*2 on demand)**
- **104 Keys IBM Compatible Key Board.**
- **On Board A/D Converter.**
- **On Board D/A Converter.**
- **On Board Relay having 2 NO and @ NC contacts.**
- **On Board Opto Isolated Input**
- Two modes of Commands key board mode and serial mode.
- All address data and control lines available at FRC connector as per multi Bus.
- USB interface
- Operating Temperature 0 to 50°C
- **Facility for Down/Up loading files from /to PC.**
- **With Built in Power Supply.**

INTERFACING MODULES / STUDY CARDS
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 Microprocessor

Note : Specifications are subject to change due to our constant efforts for Improvement. Please refer to quotation for final specifications.