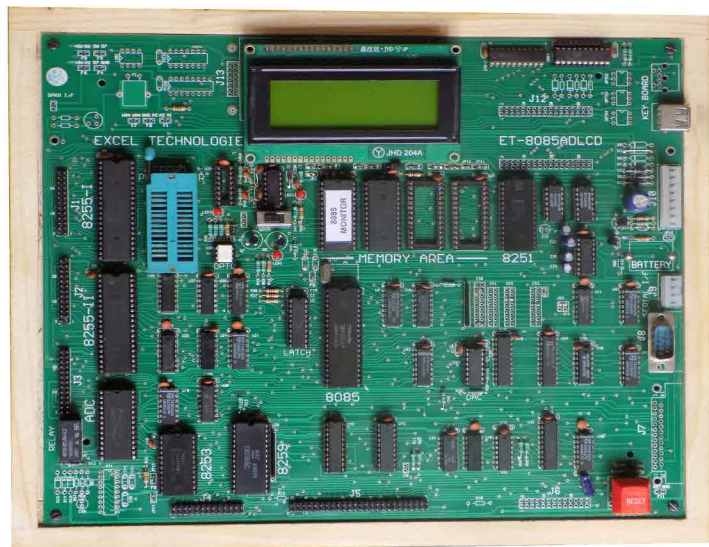




# 8085 MICROPROCESSOR TRAINING KIT



**ET-8085ADLCD**

## **MODEL : ET-8085LCD**

**(8085 MICROPROCESSOR TRAINING KIT)**

### **SPECIFICATIONS:**

- 8085 Microprocessor (8 bit) chip, operating at 6.144 MHz frequency.
- 16 K/32 K bytes of EPROM loaded with powerful monitor program.
- 8 K /32 Kbytes of RAM available to the user.
- Total on Board memory expansion of 64K bytes using 2732/2764/27128/27256/6264/62256/ with total 4 sockets of 28 pin.
- Memory mapping definable by the user.
- Battery Back up for RAM.
- 48 programmable I/O lines provided through 8255.
- Three 16-bit Timers/Counters through 8253.
- RS-232C interface for CRT Terminal
- All address, data & control lines are available at 50-pin FRC connector as per STD Bus configuration.
- **16\*2/20\*2/20\*4/40\*2 LCD Display**
- **104 Keys IBM Compatible Key Board.**
- **On Board Real Time Clock (Optional)**
- **On Board Assembler/Disassembler**
- Powerful software commands
- **Facility for Down/Up loading files from /to PC.**
- **With Built in Power Supply.**

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

## **MODEL : ET-8085ADLCD**

**(ADVANCE 8085 MICROPROCESSOR TRAINING KIT)**

### **SPECIFICATION:**

- 8085 Microprocessor (8 bit) chip, operating at 6.144 MHz frequency.
- 16 K/32K bytes of EPROM loaded with powerful monitor program.
- 8 K/32 K bytes of RAM available to the user.
- Total on Board memory expansion of 64K bytes using 2732/2764/27128/27256/6264/62256/ with total 4 sockets of 28 pin.
- Memory mapping definable by the user.
- Battery Back up for RAM.
- 48 programmable I/O lines provided through 8255.
- Three 16-bit Timers/Counters through 8253.
- RS-232C interface for CRT Terminal
- EPROM programmer for 27 series.
- **8 channels of A/D converter (ADC0809)**
- **One channel of 8 bit D/A using (DAC0800).**
- **1 Relay Output having 2NO & NC Contacts.**
- **1 Opto isolated Input expandable to 4.**
- **On Board Interrupt Controller through 8259.**
- **On Board Aux-RS232-C through 8251.**
- **On Board RTC (Optional)**
- **On Board Parallel Printer Interface. (Optional)**
- **20\*2 /20\*4/16\*2/40\*2 LCD Display and 104 keys IBM Compatible key Board.**
- Complete diagrammatic view of the system provided on top(Optional)
- **On Board Assembler/Disassembler.**
- All address, data & control lines are available at 50-pin FRC connector as per STD bus configuration.
- Powerful software commands.
- USB interface
- **Facility for Down/Up loading files from 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.