



8085 MICROPROCESSOR LCD KITS



MODEL : ET-8085LADCD

*** 8085 MICROPROCESSOR KIT (LCD)**

Model:ET-8085LCD

Specification:

- 8085 Microprocessor (8 bit) chip, operating at 3.072 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/USB 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.**

*** ADVANCE 8085 MICROPROCESSOR KIT (LCD) Model:ET-8085ADLCD**

Specification:

- CPU: 8085 Operating @ 3.072 MHz.
- Memory: 64KB MAX (32KB EPROM and 32KB RAM) Battery Backup option for RAM.
- I/O Parallel: 48 I/O lines using two 8255.
- I/O Serial: One RS232C compatible interface, using USART-8251A with programmable baud rates through 8253 programmable timer. These lines are terminated in a 9- pin D type female connector.
- Timer: Three 16 bit counter / timer using 8253.
- Keyboard: External PC-AT compatible keyboard.
- Display: 16 characters 2 line JUMBO LCD display.
- Bus Signals: All Address, Data and Control signals are terminated in 50 pin berg stick for user expansion.
- Pic: Optional facility for 8259. All the 8 interrupts are terminated in berg stick
- Monitor Software: 16KB of system monitor, which allows the user to enter, verify, debug or execute the program either from the on-board PC keyboard and display or through serial mode. On-line assembler using PC keyboard and LCD display
- 8 channels of A/D converter (Optional)
- One channel of 8 bit D/A using (Optional)
- 1 Relay Output having 2NO & NC Contacts. (Optional)
- 1 Opto isolated Input .(Optional)
- On Board RTC (Optional)
- On Board Parallel Printer Interface. (Optional)
- Powerful software commands.
- **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.

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

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