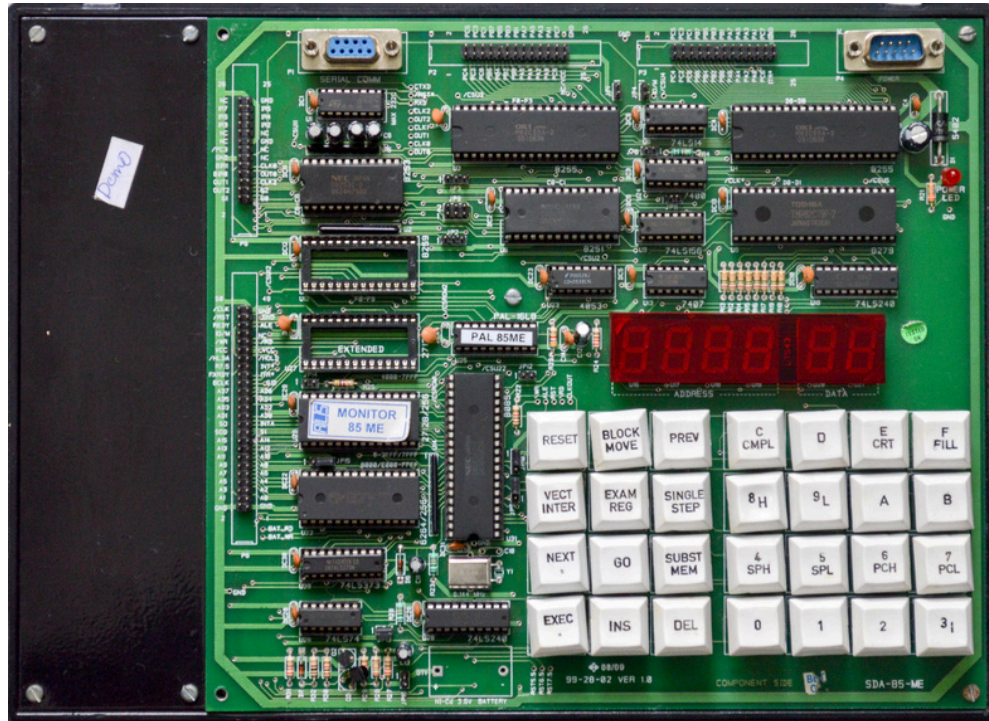




ADVANCED ELECTRONIC SYSTEMS & SOLUTIONS

Continuing the Legacy of... **ALS**



ALS-SDA-85 ME- 8085 MICROPROCESSOR TRAINER KIT

- CPU : 8085 Operating at 3.072 MHz
- MEMORY : 64KB MAX (32KB EPROM and 32KB RAM) Battery Backup option for RAM
- NOTE The system is supplied with 16KB EPROM and 8KB RAM
- I/O PARALLEL : 48 I/O lines using two 8255
- I/O SERIAL : One RS232 compatible interface
- TIMER : Three 16 bit counter / timer using 8253
- KEYBOARD : Consisting of 28 numbers of computer grade keys
- DISPLAY L: Six numbers of seven segment displays

- **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** : 16KB of powerful user friendly monitor
- **SOFTWARE** : software with keyboard and serial modes

ADDRESS

No 22,4th Floor,
4th Main , 5th Cross,
Rajajinagar Industrial Town,
Bangalore - 560044
Branch Office : Hubli & Belgaum- 9986816002

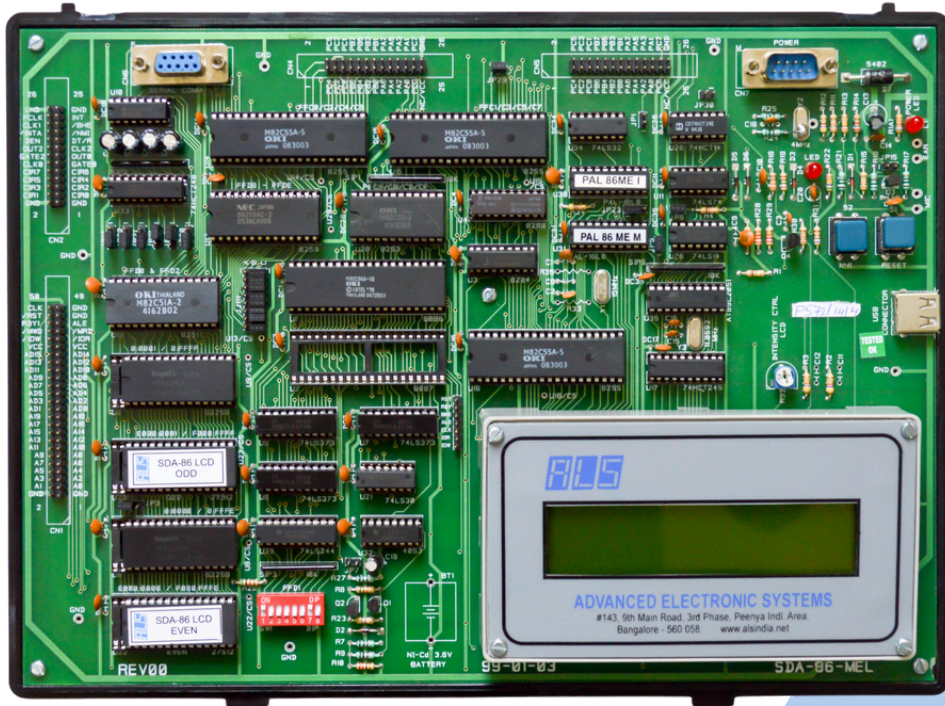
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ADVANCED ELECTRONIC SYSTEMS & SOLUTIONS

Continuing the Legacy of... **ALS**



ALS-SDA-86MEL STANDALONE 8086 TRAINER KIT

- CPU : 8086/88 Operating @ 5MHz in MAX mode with provision for 8087 Co-processor
- MEMORY :Maximum of 128KB on board EPROM. Maximum of 64KB on board RAM.
- Battery : Backup option for RAM
- I/O PARALLEL : 48 I/O lines using two 8255
- I/O SERIAL : One RS232 compatible interface
- TIMER :Three 16 bit counter/timer using 8253
- KEYBOARD :External PC-AT Keyboard
- DISPLAY : Alphanumeric LCD module (2 line x 16 characters)

- **BUS SIGNALS** : All Address, Data and Control signals are terminated in 50 pin berg stick for user expansion.
- **PIC** : Programmable Interrupt controller using 8259
- **MONITOR**: 64KB of powerful user friendly monitor
- **SOFTWARE**: software with keyboard and serial modes. The PC
KEYBOARD : allows users to directly.ASSEMBLE / DISASSEMBLEM
nemonics for 8086 using the alphanumeric LCD display

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ADVANCED ELECTRONIC SYSTEMS & SOLUTIONS

Continuing the Legacy of... **ALS**



ALS-SDA-85MEL-8085 MICROPROCESSOR TRAINER KIT

- CPU : 8085 Operating at 3.072 MHz
- MEMORY: 64KB MAX (32KB EPROM and 32KB RAM) Battery Backup option for RAM
- NOTE : The system is supplied with 16KB EPROM and 8KB RAM
- I/O PARALLEL: 48 I/O lines using two 8255.
- I/O SERIAL: One RS232 compatible interface.
- TIMER: Three 16 bit counter / timer using 8253
- KEYBOARD: External PC-AT compatible keyboard.
- DISPLAY : 16 characters and 2 line 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 16KB** of system monitor, which allows the user to enter, verify, debug or executive the program from on-board keyboard and display or through serial mode. On-line assemble using PC keyboard and LCD display.

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