

Peripheral core features

8251A Programmable Communication Interface

- * Synchronous and Asynchronous Operation
- * Synchronous Baud Rate – DC to 64K baud
- * Asynchronous Baud Rate – DC to 19.2K baud
- * Full Duplex, Double Buffered, Transmitter and receiver
- * All Inputs and Outputs are TTL Compatible
- * Single +5V Supply, Single TTL Clock

8255A Programmable Peripheral Interface

- * 24 Programmable I/O Pins
- * Completely TTL Compatible
- * Improved DC Driving Capability
- * Reduces System Package Count

8279 Programmable Keyboard/Display Interface

- * Simultaneous Keyboard Display Operations
- * Scanned Keyboard Mode & Sensor Mode
- * Strobed Input Entry Mode
- * 8-Character Keyboard FIFO
- * 2-Key Locked or N-Key Rollover with Contact Debounce
- * Dual 8 or 16-Numerical Display
- * Single 16-Character Display
- * Right or Left Entry 16-Byte Display RAM
- * Mode Programmable from CPU
- * Programmable Scan Timing
- * Interrupt Output or Key Entry

8253 Programmable Interval Timer

- * 3 Independent 16-Bit Counters
- * Programmable Counter Modes
- * Count Binary or BCD
- * Single +5V Supply
- * DC to 2 MHz

8259 Programmable Interrupt Controller

- * Eight-Level Priority Controller
- * Expandable to 64 Levels
- * Programmable Interrupt Modes
- * Individual Request Mask Capability
- * Single +5V Supply (No Clocks)

GENERAL

Dimensions : (L) 167 mm x (B) 100 x
(H) 35 mm approx.

Weight : 300 gms approx.

Housed in ABS Plastic moulded Cabinet

SCOPE OF SUPPLY

1. Study Card Module (*Depending on the Module ordered*)
2. FRC Cables Compatible to Trainers.
3. User's Manual

NOTE:

For ESA 86/88-2, ESA 86/88-3, ESA 31 & ESA 51 Trainer Kits, requires optional Study Card Adapters additionally.

(Specifications are subject to change without prior notice.)

OUR PRODUCT RANGE : Microprocessor Trainers for 8085, Z80, 8086/88, 68000; Microcontroller Trainers for 8051, 80C196, PIC Trainers, and Interface Modules; DSP Trainers ; In-Circuit Emulators; ROM Emulators; Microcomputer Development Systems; Universal Device Programmers; UV Erasers; PC compatible systems and Add-on Cards, AD/DA cards, DIO cards, Logic Analyzers, etc.; Microprinters and Software Development Tools.



ELECTRO SYSTEMS ASSOCIATES PVT LTD

Works :

4215 J K Complex Subramanyanagar P O Box : 2139
BANGALORE - 560 021 Phone: +91 80 23577924 Fax: +91 80 23475615

Corporate Office :

37, 'Embedded Home', 36th Cross, II Block, Rajajinagar,
BANGALORE - 560 010, INDIA. Phone : +91 80 23126100
Fax : +91 80 23130630 e-mail : esaindia@vsnl.com www.esaindia.com

Dealer / Distributor