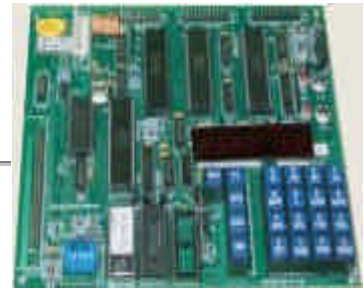


Microfriend Dyna-85

Microprocessor 8085 Based Entry Level Trainer Kit



The Dyna-85 is a low-cost, easy-to-use, entry level, Microprocessor trainer kit. The Dyna-85 kit has Intel's 8085 microprocessor @ 3 MHz together with 8255 as well as 8155 chips onboard. This allows the user to learn all the required peripheral chips together with its 4Kb powerful firmware, it is one of the best products to learn microprocessors especially the 8085 chip. The Dyna-85 allows you to expand your system using its powerful buffered 50 pin expansion bus by building/adding study cards. The Dyna-85 also can be connected to a host PC through the serial port.

Features

- High performance 8085A CPU @ 3 MHz.
- 4 K powerful monitor FIRMWARE. Including all standard commands, codes, functions and utility subroutines.
- 2 K user RAM 6116.
- Three 28 pin sockets provided for memory expansion upto a maximum of 56 K.
- Versatile Keyboard/Display controller using 8279.
- 46 parallel I/O lines, 22 from 8155 and 24 from 8255.
- Serial I/O through autoadjusting type RS -232 channel.
- Built-in audio cassette interface.
- Programmable timer.
- Powerful 8085 interrupt capabilities.
- 6 digit seven segment LED display.
- Highly reliable multi-function keypad.
- All address, data and control and hardware interrupt lines are brought out on a 50 pin FRC connector for system interfacing and expansion.
- Three 16 bit Timer/Counter channels are available on-board, using 8253.
- These channels are available on a 10 pin FRC connector.
- RAM sockets are provided with battery back up.
- Supplied in attractive polished wooden enclosure.

Ordering Information

- **Dyna-85** Low cost Trainer based on CPU 8085.

Accessories

- **SMPS-01** : Specially designed 230 V AC, Switch Mode Power Supply
- **CABCON** : Cables & Connector Set for Dyna-85 Kit.

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