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Phone (201) 382-1318

Phyllis and Bernie Frank

Not Responsible for Typographical Errors
DIGITAL SYSTEMS now has available a high quality Floppy Disk System. The system is completely assembled and tested and features Shugart Associates drives and Digital Systems FDC-1 controller. Disk formatting is IBM compatible and diskette initialization capability is provided. The powerful CP/M Disk Operating System, written by the originator of Intel's PL/M compiler, has been operational on this hardware for over two years and is available. An interface is available to the Altair/IMSAI bus. All systems are completely assembled and tested and carry a 90-day warranty.

Single drive, cabinet, power supply, controller, interface, all cables completely assembled and tested.
FEATURES

HARDWARE

• The Controller uses the IBM format, implemented with a TTL microcontroller.
• Hardware implements 2 byte CRC error check and generate.
• Once initialized, all data transfers for sector READ or WRITE are handled by the controller via a simple DMA interface allowing concurrent processor execution.
• Simple COMMAND and STATUS registers are available via programmed I/O.
• All interface signals are TTL compatible.
• Hardware bootstrap is available without processor intervention.
• Systems are thoroughly tested and burned in before shipment.
• The hardware design is field proven for over two years.
• Hardware and Software is Z80 compatible.

SOFTWARE

• Software driver flowcharts and 8080 assembly language routines for READ, WRITE, and SEEK are provided.
• A complete 8080 operating system is available.
• The CP/M Operating System was developed on our hardware, and systems have been operating in the field for over two years.
• CP/M is a complete software package consisting of:
  BDO3—Basic Disk Operating System
  CCP—Console Command Processor
  PIP—Peripheral Interchange Program
  ED—CP/M Text Editor
  ASM—CP/M Assembler
  DDT—Dynamic Debugging Tool with Breakpoint, Trace, and built-in assembler and disassembler.
• A user library of CP/M compatible software with high-level language processors, including extended disk BASIC.
• Custom I/O devices are easily patched into CP/M

PRICE INFORMATION

(OEM and quantity discounts available)

COMPLETE SYSTEM—1 or 2

This package is a completely assembled and tested unit with a cabinet, power supply, FDC-1 controller, S-100 interface, disk drives, and all connecting cables. The Complete System may be ordered with one or two Shugart drives.

FDC-1 CONTROLLER BOARD

The FDC-1 is an IBM compatible controller for the Shugart floppy disk drives. It comes with connecting cables to the drive.

CP M SOFTWARE

Six system manuals and object code on verified diskette are available.

S-100, inc. 7 White Place, Clark, New Jersey 07066 (201) 382-1318