Data I/O Series 1000

Series 1000 Parallel Programmer

- High throughput comes from several factors:
  - Support of short programming pulse widths.
  - fast test and verification routines
  - ability to program up to 30 devices at a time
  - specially designed rail tool that minimizes device loading and unloading time.
- Device Support - One rail with 15 DIP sockets, programs 24 and 28-pin MOS and CMOS PROMs, EPROMs, and EEPROMs; another with 10 DIP sockets, programs 32 and 40-pin PROMs, EPROMs, and EEPROMs; a third with 15 PLCC sockets, programs 32-pin EPROMs; a fourth with 10 PLCC sockets, programs 44-pin EPROMs and microcontrollers. Each programmer can accommodate two socket rails.
- The basic model, the 1010 Duplicator, copies up to 30 devices from a single master device.
  - The addition of a RAM-I/O expansion board turns it into the 1020 Downloader, capable of set programming and other downloading applications.
  - Adding an IBM PC and a PC interface kit will give you the 10320 Virtual Memory Programmer™ (VMP™), a complete personal manufacturing workstation for the automated factory environment.

Specifications

Technologies Supported - MOS and CMOS PROMs, EPROMs, EEPROMs, and microprocessors.

Package Types Supported - 24, 28, 32, and 40-pin DIPs; 32 and 44 pin PLCCs.

Number of Devices Programmed Simultaneously - Up to 30 (with two socket rail).

General Architecture - Microprocessor-controlled (8088). RAM depends on model: 1010 has non (copies from master device only); 1020 has 1 MB; 1030 has 1 MB plus virtual memory.

Display - 2 x 24 adjustable-contrast LCD.

Keyboard - 4 Control keys.

I/O - 1010 has none; 1020 and 1030 have RS232C, RS423, and IEEE-488.

Baud Rates - 110, 150, 300, 600, 1200, 2400, 3600, 4800, 9600, 19200, 38400, (auto and software selectable).