PSX Parallel Programmers

- Gang/set programs flash memory, memory cards, microcontrollers and other programmable devices
- PSX1000 programs up to 20 devices at one time in any device package
- PSX500 programs up to 10 devices at one time in any device package
- PSX400 programs up to 8 devices at one time in PSOP, TSOP, DIP, PLCC packages
- Programmable state machine architecture optimized for algorithm speed
- Isolated sockets
- Ergonomic design for rapid loading/ unloading of parts
- Stand alone or PC-driven using TaskLink production control software for Windows*
- IEEE-488 interface transfers data files at up to 170 Kbytes/sec
- 1, 8, 16 or 64 Mbytes RAM

Data I/O's PSX Parallel Programmers are a family of gang/set programmers that can be configured for any production volume. The PSX400 is an affordable low volume 8 socket machine that supports flash in popular SOP, DIP, and PLCC packages; the PSX500 programs up to 10 devices in virtually any package for medium volume applications; the PSX1000 can program up to 20 devices at one time in virtually any package, and is the highest throughput gang/set programmer available for high volume applications.

PSX programming algorithms are executed using programmable state machines that are optimized in hardware for fast execution. Programming times for up to 20 1 Mbit parts are on the order of 30 seconds for a blank check, illegal bit check, programming, a two pass verify, and a sumcheck calculation. The design of the programming hardware is such that parts are easily loaded/unloaded from the PSX and a single knob/button activates all sockets. Data files are downloaded through either a serial port at rates of up to 115.2kbaud or an IEEE-488 interface at rates of up to 170 Kbytes/sec.

The PSX can operate standalone with a 4-button, 2X40 LCD display, or the entire production process can be controlled through a PC with the TaskLink Production Control Software Package for Windows. Operators execute user-programmable tasks that eliminate the mistakes that result in scrap and rework throughout the board assembly process.

INTEL FLASH MEMORY SUPPORTED:

28F010, 28F001BX, 28F020, 28F002BC, 28F002BL, 28F002BV, 28F002BX, 28F200BL, 28F200BV, 28F200BX, 28F200CV, 28F004BE, 28F004BL, 28F004BV, 28F004BX, 28F004SC, 28F400BL, 28F400BV, 28F400BX, 28F400CE, 28F400CV, 28F008BE, 28F008BV, 28F008SA, 28F008SC, 28F800BV, 28F800CE, 28F800CV, 28F016SA, 28F016SC, 28F016SV, 28F016XD, 28F016XS, 28F032SA, Series 2 Cards, Series 2+ Cards, Value Series 100 Cards, Series 100 Miniature Cards

AVAILABILITY: Now

CONTACT:

Data I/O Corporation
10525 Willows Road N.E.
P.O. Box 97046
Redmond, WA 98073-9746
Phone: (800) 332-8246
             (206) 881-6444
FAX: (206) 869-7423
WWW: http://www.data-io.com

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