Actel

Actel's Flash Pro

Key Features

- Supports All Actel ProASIC and ProASIC^{PLUS} Devices

- Supports In-System Programming

- Free Software Updates

- Connects to Parallel Port

- Self-Test Option

- Supports Windows 95/98, NT, 2000 Operating Systems

Compact, Robust, Single-Device Programmer for Actel's Flash Products

Actel's ProASIC^{PLUS} devices offer the benefits of low power, high performance, and fast time to market. They have the additional advantage of In-System Programmability (ISP), providing even more flexibility. The Flash Pro device programmer uses ISP to give you the easiest programming for ProASIC^{PLUS} devices.

Flash Pro

Flash Pro

An ISP Programmer for All Occasions

Having ISP devices makes programming easier than ever. The Flash Pro is a compact, low-cost ISP device programmer specifically designed for configuring Actel's Flash products. Whether you are an engineer, a technician, or a service rep, its portability allows you to program devices in the lab, the office, the test floor, or even offsite at a customer's location.

The low cost of the Flash Pro means it's easy to get enough for everyone to use. No more standing in line waiting to use a programmer. In addition, there are no socket modules, so there is no more rummaging around looking for the right module; no more hoping that the last engineer who used the module returned it.

The Flash Pro provides everything you need to program Flash devices using the JTAG port. It automatically handles any non-ProASIC devices in the JTAG chain, ensuring straightforward programming.

The Flash Pro Saves Space, Money, and Time

ISP Programming through the Flash Pro saves you board space, since a single JTAG chain can be used for any JTAG devices. You also save space because you no longer need to socket your devices. You can put them closer together, solder them down, and reprogram them as many times as needed to do the job right.

Because Flash Pro uses JEDEC-standard STAPL files, there are no built-in algorithms. So when new devices are available, you don't have to wait for new algorithms to be released; the STAPL file tells your Flash Pro everything it needs to know.

The Flash Pro device programmer is both compact and powerful at the same time, since it connects to a PC through a Parallel Port and employs a menu-driven Graphic User Interface (GUI). This means that the programmer itself doesn't have to do all the work: After you tell the PC what you want using a simple, intuitive interface, the PC does the hard thinking.

Flash Pro Specifications

Supports ProASIC and ProASIC^{PLUS} devices.

Software
- Device Commands: Erase, Program, Dev ID, Verify, Read
- Features: Device Chain information detection, bypassing non-ProASIC device
- Operating Systems: Windows 95/98, NT, 2000

Hardware
- Self-test
- Connects to parallel port
- Size: 6" x 4" x 1"

Standard Accessories
- Software CD
- User manual
- Power Cable
- Data cable
- Self-test board

For more information regarding **Flash Pro** please contact your local **Actel** sales representative.

Actel

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