

P803 Gang/Set Production Programmer

Description

Stag Programmers has launched the Stag P803, a high performance, high volume production programmer which gives a ten-fold improvement in productivity and production throughput. The programmer is compatible with both 3V and 5V technology devices.

Designed for either standalone or remote operation, the Stag P803 incorporates a powerful 32bit embedded processor to give the fastest programming and verify times. Typically, programming of eight 28F010 Flash devices is achieved in less than four seconds. The P803 is capable of programming eight devices at a time in gang or set mode using twin, plug-in modules each with four sockets. Each socket is backed up with isolated pin drivers for each pin in each socket. The RAM capacity starts at 4 Mbytes (32 Mbits) and is expendable to 16 Mbytes (128 Mbits) using SIMMs, with further expansion planned for the future. Support is provided for a variety of devices including EPROMs, EEPROMs and Flash memory as well as Microcontrollers.

The use of plug-in modules not only ensures that existing packages styles, such as DIPs, PLCCs, PSOP, TSOPs and QFPs, are catered for, but that new package styles can be supported in the future. The device support library is fully updatable and is held in non-volatile Flash memory. New and updated device support software can be simply downloaded from a host computer.

To ensure programming integrity, all parts are checked for correct insertion on power up and programming is undertaken to manufacturers' specifications either by selecting the manufacturer's part name or using the electronic ID to select the programming algorithm for the device in the socket. Programming can also be security locked, if required in the application. Post-program verification is normally performed to the manufacturer's specification but can be set to the user limits in order to screen parts more stringently if required.

Specification

P803

Device Support

- EPROM's, EEPROM's, FLASH, Serial EEPROM's, Microcontrollers & PIC's.
- All package types without adaptors - DIP, PLCC, TSOP, PSOP.

Processor

- 32 Bit Embedded RISC Microcontroller with cache memory.

Memory

- 4 Mbytes (32 Mbit) expandable up to 16 Mbytes (128 Mbits), using 72 pin SIMMs.

Local Interface

- Display: 20 x 4 character, alphanumeric back lit LCD

Services

Electrical Supply

- 90-263VAC 40-70Hz 60W.

Environmental

EMC Emissions

- Complies with EN 50081-1.

EMC Immunity

- Complies with EN 50082-1.

Safety

- Complies with EN 60950.

Temperature

- Operating: 0-35°C.

alphanumeric backlit LCD.

- Keypad: Silicon rubber, tactile 23 keys including dedicated program and cursor buttons.

Ports

- Serial port - RS232, with up to 115K2 baud rate.
- Parallel port - IEEE1284 new standard parallel interface giving high speed bi-directional communication.
- Data transfer to and from all platforms including PC, VAX, SUN, Macintosh.
- All popular I/O Formats are supported including: ASCII hex space, binary, binary rubout, Intel 16 and 32 bit, Motorola S Record, Stag Binary, Stag Hex, Tek-Hex, Extended Tek-Hex.

Dimensions

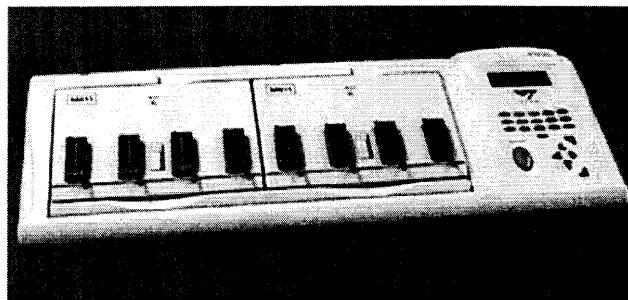
- 660 x 260 x 130mm. (25.9 x 10.4 x 5.2")

Weight

- 3.6kg (8lb).

P803 Production Gang/Set Programmer

- Support for multiple device types and package styles
- 3V and 5V device support
- Very fast programming with high performance pre-checks and post programming checks
- Stand Alone or PC remote operation
- Programs to manufacturers certified algorithms
- Modules can be changed quickly and easily
- Modules provide reliable contact, no adaptors required
- Easy download via RS-232
- Optional High Speed IEEE parallel port



[More information](#)

[Technical specification](#)

[Device Support List](#)

[Literature Request](#)