

SUPERPRO 2000

Stand-Alone Universal Device Programmer

Features:

- Stand-alone or Remote (PC hosted) operation in one unit (Dual mode)
- 48 Pin DIP ZIF socket with universal pin-drivers
 - Universal DIP, PLCC, QFP, TSOP, PSOP, SOIC, SSOP, SDIP adapters (Up to 48 pins, option)
- Device insertion and poor-pin-contact check
- Auto-run mode starts programming automatically upon detection of chip insertion
- Super programming speed. Programs 28F800 in less than 38 seconds and 29PL160 in less than 65 seconds (Stand-alone mode)
- Supports down to 1.8V low voltage devices
- Advanced asynchronous gang operation mode for volume production
- Supports Windows 9x/ME/2000/NT/XP
- Connects to a PC via printer port
- 7000+ devices supported (Remote mode), E/EPROM, FLASH, Micros, PLD
- Tests standard logic devices and SRAM
- 1 year hardware warranty. Free Lifetime software update via internet

Dual Mode Programming Operations --- Very Versatile

Stand-alone Mode --- Operates by itself to perform functions such as Copy, Edit Buffer, Read, Blank check, Erase and Test of some standard chips. Comes with internal CPU, 7 key keypad, 16x2 LCD display, and flash memory for programming data and algorithms. Standard data buffer size is 4 Mbits, which is expandable to 128 Mbits.

Programming algorithms may be downloaded from the PC host via printer port, which will stay inside the memory until flushed. Flash memory allows storage of 30 or more programming algorithms at one time.

The application is ideal for volume programming or field service operations. 12 volts DC power input allows for mobile operation drawing power from the vehicle.

Remote Mode --- Operates in conjunction with a PC. Connects to a parallel port of a PC. Provides full programming features such as Program, Read, Verify, Blank Check, Buffer Edit, Vector test, etc. Stream- lined file management, buffer data management, chip selection and other features are provided as a standard. Programming algorithms for more than 3,000 devices are provided.

Universal Pin-Driver, Universal Adapter

Universal pin driver architecture allows for easy update of new devices. Socket adapters also become universal in that, for example, a 44pin PLCC adapter is useable for all devices in the same package. Adapters are no longer device specific, which saves money and time.

Chip Insertion Check, Protects Chips

Checks for proper insertion of the chip for proper programming and protection against potential damage to the chip.

Auto Programming Mode, Efficient for Volume Programming

Chip inserted is detected and identified automatically, and programming sequence begins immediately without an operator intervention. Operation, therefore, is error free and very efficient. It is ideal for volume programming.

Fast Programming Speed, Many Times Faster Than Competitions

In stand-alone mode programming, 8Mbit Flash (28F800) takes only 36 seconds for full programming, resulting in speed many times faster than from other competitive programmers.

Concurrent Programming for Volume Production

2, 3 or more units may be operated simultaneously for volume production. There are numerous advantages over using traditional gang programmers.

Economical User may start with one programmer and add more units as volume grows.

Better Chip Support All the devices supported in stand-alone mode may be programmed resulting in wider range of devices

supported. Typical gang programmers support narrow range of devices.

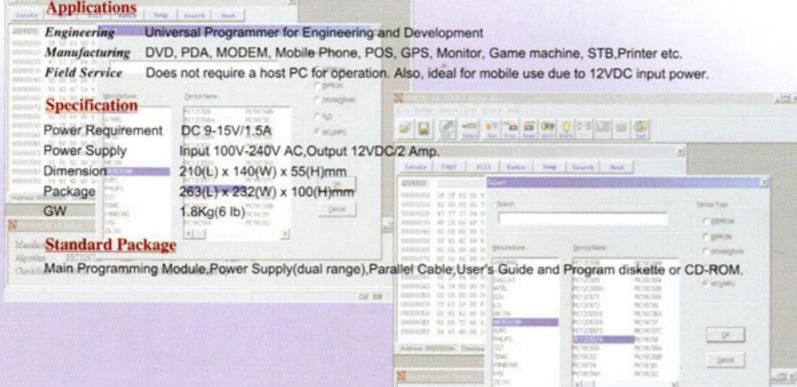
Full Adapter Support Any socket adapter available may be used for volume programming. Typical gang programmers have

limited range of socket adapters available.

Faster Programming Each chip may be inserted or removed individually while other chips are being programmed. In a typical gang programmer, chips are inserted and removed simultaneously causing dead time in between.

Support for Windows 2000/NT/XP

A programmer may be shared among users on the same network.



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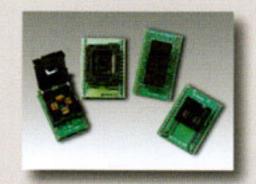
SUPERPRO / 2000



In Field Service



Mass Production Mode



Adapters



SUPERPRO For Windows

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