

XELTEK

SUPERPRO[®] / 580U

Universal Device Programmer



Features:

- Programs high-density Flash memory devices at near theoretical minimum programming times (Program+verify of INTEL28F320W18, 32Mb in less than 14s).
- Standard 48 pin universal pin-drivers come with universal package adapters to support all type of devices in same package with a single adapter. No adapters are needed for DIL devices. Universal adapters ensure rapid algorithm update. Device-specific adapters are also available for devices above 48 pins that are mounted on DIL48 module. Down to 1.5V low voltage devices are supported directly thanks to the DAC controlled I/O levels.
- Advanced hardware features minimized Bounce noise. Only IC manufacturers approved algorithms are adopted. High yield rates are guaranteed for all devices including low voltage, critical and second-hand devices. +/-5% and +/-10% Vcc Verification promises programming reliability.
- Supports 8000+ devices from up to 80 IC manufacturers including MEMORY, MCU and PLD.
- Test function for standard logic devices and SRAMs.
- Free life-time software update.
- Pin continuity and wrong chip insertion check prevent chips from accident damage.
- Over-current and over-voltage protection for programmer hardware.
- Software supports WINDOWS 98/ME/NT/2000/XP.

- Operator friendly control software combines many powerful functions with ease of use. Project minimizes the whole process of device selection, file loading, device configuration setting, operation option, batch file setting etc. to a single step. History of device selection and file loading simplify operation. Batch command combines device operations like program, verify, security into a single command at any sequence. Auto-Start start Batch command automatically as soon as the chip is detected to be inserted in the socket properly. Serial number can be generated and programmed into devices automatically in anyway customer specified. The correct device type will be suggested according to the actual ID read when a mistake type is selected. With help of the open API user can even change the buffer content from chip to chip. Recognizes file formats and detects large file offset automatically.

Specifications:

- **Device Support:**
EPROM, Paged EPROM, Parallel and Serial EEPROM, FPGA Configuration Serial PROM, FLASH Memory (NOR and NAND), BPROM, NVRAM, SPLD, CPLD, EPLD, Firmware HUB, Microcontroller, MCU, Standard Logic.
- **Package Support:**
DIP, SDIP, PLCC, JLCC, SOIC, QFP, TQFP, PQFP, VQFP, TSOP, TSOPII, SOP, PSOP, TSSOP, SON, EBGA, FBGA, VFBGA, μ BGA, CSP, SCSP etc.
- **PC Interface:**
USB
- **Standard Package:**
Main unit, DIL48 Module, AC adapter, CD-ROM, User's Guide, USB Cable
- **Option Accessories:**
Package Adapter