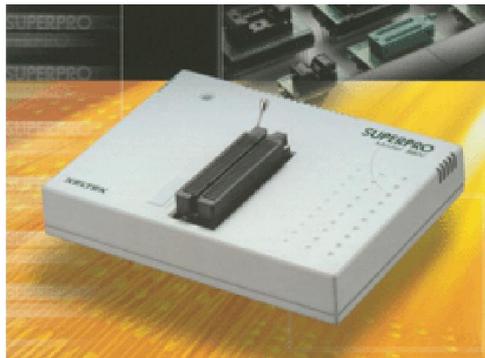


 SUPERPRO/580U

Discontinued

USB Interfaced high Speed Universal Device Programmer



Features:

- CE approved.
- Programs high-density Flash memory devices at near theoretical minimum programming times (Program+verify INTEL28F320W18, 32Mb less than 13.5s)
- 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 amounted 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. 99% and 99% Vcc Verification promises programming reliability.
- 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.
- Standard TTL/CMOS logic ICs and user-defined logic ICs can be tested and recognized.
- 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.

PartNumber	Programmer (s)	Verify (s)	P+V (s)	Type
28F320W18	9	4.5	13.5	32Mb FLASH
28F640W30	18	9	27	64Mb FLASH
AM29DL640E	38.3	10.6	48.9	64Mb FLASH
MB84VD21182DA	9.6	2.9	12.5	16Mb FLASH
MB84VD23280FA	38.3	10.6	48.9	64Mb FLASH
LRS1381	13.3	4.6	19.9	32Mb FLASH
M36W432TG	11.8	4.6	16.4	32Mb FLASH
MBM29DL323TE	17.5	5.5	23.3	32Mb FLASH
AT89C55WD	2.1	1	3.1	20KB MCU
P89C51RD2B	4.6	0.9	5.5	64KB MCU

All orders received before noon Beijing Time will begin processing the same business day.

Device Updates:

- XELTEK updates software and device algorithm regularly.
- View the latest [Device List](#) .
- [Download the current software version](#) free of charge .
- Updates are available by mail at a nominal charge.
- XELTEK also adds devices upon customer's request at its option.

Warranty Support:

- Programmer is warranted to be free of manufacturing or workmanship defects for one year from the date of purchase.
- Online Technical Support is also available 24 hours or you may call us during our business hours through Friday 8:30am to 5:30pm (Beijing Time).

Hardware & Electrical Specifications:

- Supported devices: EPROM, Paged EPROM, Parallel and Serial EEPROM, Flash, NVRAM, PLD, Firmware HUB, Microcontroller, MCU, Standard Logic.
- Packages supported: DIP, SDIP, PLCC, JLCC, SOIC, QFP, TQFP, PQFP, VQFP, TSOP, SOP, TSOPII, PSOP, TSSOP, SON, EBGA, FBGA, VFBGA, uBGA, CSP, SCSP, ...
- PC interface: USB1.1
- Stand-alone Feature: None
- Electrical spec. of the AC adapter: AC input 90V to 250V, 50/60Hz, DC output 12V/2A; power:40W
- Mechanical parameter: Main unit: Size: 178*130*40 mm Weight: 1Kg.
- Packing Box: Size 320*300*85 mm Weight: 1.8 Kg.

Accessories:

- Standard Package: Main unit, DIL48 Module, AC adapter, CD-ROM, User's Guide, USB Cable
- Option accessories: Adapter