XELTEK Universal Programmers and EPROM Erasers   **XELTEK**
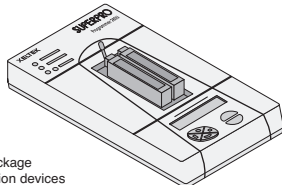
XELTEK SUPERPRO-3000U AND SUPERPRO-3000U-100 (46,000 + DEVICES)

These high-speed, USB connected universal programmers provide a scalable programming solution, purchased singly for development or 4 units clustered for low volume production and you can add up to 16 SuperPro 3000U. With up to 100 universal pin drivers, low voltage device support down to 1.5V and broad universal adapter range, it supports over 46,000 + devices.

Features:
- Over 46,000 + devices supported including memories, microcontrollers and programmable logic
- 48-Pin ZIF socket, no adapters required for 300/600 mil DIP devices up to 48 pins
- 48 universal pin drivers - full functionality on every pin maximizes adapter flexibility
- Optional 100-Pin PEP module with 100 universal pin drivers (standard on SP-3000U-100)
- Universal adapters support all devices that come in same package
- Low voltage device support – down to 1.5V for latest generation devices
- Operates in standalone mode for manufacturing and service – built in keyboard and LCD display for operation without host PC
- Auto-Sense and Batch mode simplifies and speeds up programming work flows
- Auto Serial number adds unique ID to programmed device for identification & tracking
- USB connectivity to host PC or USB hub for high speed download
- Free software updates from internet – new device updates released monthly
- Operating sytem supports: Windows 95/98/ME/2000/NT/XP/Vista
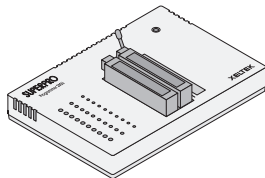- High speed operation   • Includes TTL and SRAM test   • 1-Year warranty

RoHS Compliant

MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part No.		
674	SP3000U	High Performance Universal Programmer 48 Pin	
674	SP3000U-100	High Performance Universal Programmer 100 Pin	
674	SP3000U-CLUSTER	Gang Programmers, Composed of 4 SP3000U's	
674	PEP3000	100 Pin Adapter for 3000U	
674	128MEG	128 Meg Flash Card	

XELTEK SUPERPRO-580U (34,000 + DEVICES)

Features:
- 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 types of devices in same package with a single adapter. No adapters are needed for DIL devices.
- Advanced hardware features minimized Bounce noise.
- Supports 34,000 + devices from up to 144 IC manufacturers including MEMORY, MCU, PLD.
- Pin continuity and wrong chip insertion check prevent chips from accident damage.
- Over-current and over-voltage protection for programmer hardware.
- Operator friendly control software combines many powerful functions with ease of use. Recognizes file formats and detects large file offset automatically.
- Operating sytem supports: Windows 95/98/ME/2000/NT/XP/Vista

Device Supported:
- 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.

Socket Adapters Supported:
DIP, SDIP, PLCC, JLCC, SOIC, QFP, TQFP, VQFP, TSOP, TSOPII, SOP, P SOP, TSSOP, SON, EBGA, FBGA, VFBGA, μBGA, CSP, SCSP, etc.
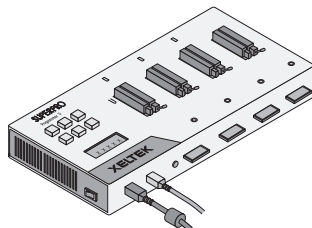
RoHS Compliant

MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part No.		
674	SUPERPRO-580U	USB Interfaced Universal Device Programmer	

XELTEK SUPERPRO-9000U (40,000 + DEVICES)

Features:
- 4 ea. high speed 48 pin DIP programming sockets.
- Supports 40,000 + devices and growing, more than any gang programmer in the market.
- 430+ socket adapters including 150+ FBGA package types supported.
- Operates in both PC and stand-alone mode without a pC attached for volume production.
- Asynchronous fast programming. Each module is independent from one another.
- Programming starts automatically when a chip is inserted.
- High speed programming
- ISP (In-System Programmable) devices supported.
- No experienced operator with the knowledge of PC or Windows necessary
- Four 256MB compact flash cards included.
- Supports up to 4GB CF card.
- Operating sytem supports: Windows 95/98/ME/2000/NT/XP/Vista

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MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part No.		
674	SP-9000U	USB Interfaced Universal Gang Programmer	

XELTEK SUPERPRO 5000 SERIES

Features:
- Device support 40,000+ by end of 2008.
- Programs devices with Vcc as low as 1.2V.
- Built with 144 universal pin-drives for support of today's most complex devices.
- Programmer operates in either PC hosted or stand-alone mode(SP5000).
- Over-current and over-voltage protection for safety of the chip and programmer hdwr.
- Compatible with Windows Vista and Windows XP.

NEW FROM SUPPLIER

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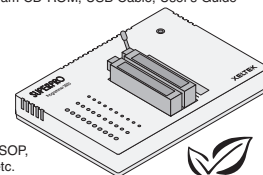| MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part No.		
674	SP5000	Ultra-Fast, 144 PIN Stand Alone, USB interface	
674	SP5004GP	Ultra-High-Speed 4 Socket Gang Programmer	

XELTEK SUPERPRO-280U (24,000 + DEVICES)

Features:
- Programs high-density Flash memory devices.
- Standard 48 pin universal pin-drivers come with universal package adapters to support all types of devices in same package with a single adapter. No adapters are needed for DIL devices.
- Advanced hardware features minimized Bounce noise. Only IC manufacturers approved algorithms are adopted.
- Supports 24,000 + devices from up to 129 IC manufacturers including MEMORY, MCU, PLD.
- 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.
- Operator friendly control software combines many powerful functions with ease of use.
- PC Interface: USB   • One year warranty.
- Items included: programming unit, DIL48 Module, AC adapter, Program CD-ROM, USB Cable, User's Guide
- Operating sytem supports: Windows 95/98/ME/2000/NT/XP/Vista

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.
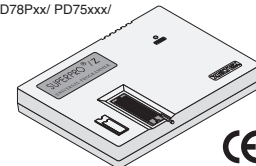
Socket Adapters Supported:
- DIP, SDIP, PLCC, JLCC, SOIC, QFP, TQFP, VQFP, TSOP, TSOPII, SOP, P SOP, TSSOP, SON, EBGA, FBGA, VFBGA, μBGA, CSP, SCSP, etc.

RoHS Compliant

MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part No.		
674	SUPERPRO-280U	USB Interfaced Universal Device Programmer	

XELTEK SUPERPRO-Z (3,500 + DEVICES)

Features:
- 40 Pin Low Cost Universal Programmer
- 3,500 + devices supported, Most E/EPROM, FLASH
- GAL, EP3xx/6xx/9xx, PEEL, PALCE, PLUS, PLS, PLH, PLC, ATV, ATF, CPL, 85Cxxx,5Cxxx,DS12xx
- Microcontrollers 87xx/ 89xx/ Z86Exx/ TMS320xxx/ D77Pxx/ D75Pxx/ D78Pxx/ PD75xxx/ HD6370xxx/PIC16Cxx/17Cxx, COP87xx, and PSD3XX
- DOS Shell, Change directory, Print, Quit
- Printer Port Interfaces, parallel communication, uses address 278H,378H, 3BCH
- Supports 3500+ devices
- Easy interface to LAPTOP, PC, PS/2 or compatibles
- Mouse support, user friendly menu driven software interface
- High speed programming, cost effective hardware & flexible software
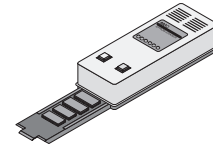- Supports most E(E)PROM, Series E(E)PROM, and Flash
- Entry Level Product

For quantities of 5 and up, call for quote.

MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part No.		
674	SUPERPRO-Z	Low Cost Advance Universal Programmer 40 Pin	

XELTEK EPROM UV ERASER

Features:
- Heavy duty construction, units may be stacked to save space
- Holds 20 Devices, deep drawer for processing loaded PC boards
- 60 minute timer, has safety interlock to prevent UV exposure
- Available in 110V or 220V, 8 Watt power consumption

For quantities of 5 and up, call for quote.

MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part No.		
674	CHIPERASER-II	EPROM Eraser 110V w/mech timer holds 20 devices	

XELTEK ADAPTERS

For Superpro High Performance Universal IC Programmers
Additional adapters are available. Please, contact your Mouser Representative.

For quantities of 5 and up, call for quote.

MOUSER STOCK NO.		Description	Price Each
Mfr.	Mfr. Part No.		
674	247A	TSOP 48/D48 Adapter for SUPERPRO Programmers	
674	244A	PLCC 44/D40 Adapter for SUPERPRO Programmers	
674	015A	PLCC 32/D32 Adapter for SUPERPRO Programmers	
674	A602	TSOP 32/D32 Adapter for SUPERPRO Programmers	
674	S414T	PLCC 68/D100 Adapter for SUPERPRO Programmers	
674	SA001A	PLCC 20/D20 Adapter for SUPERPRO Programmers	
674	S416T	PLCC 84/D100 Adapter for SUPERPRO Programmers	