

## SUPERPRO® 5004GP

### Features:

- The SUPERPRO includes ultra high speed programming via 32bit RISC MCU device. This is especially suitable for programming high capacity NAND Flash devices
- A 144 pin-driver support is built-in to provide efficient programming of large pin count devices, an additional pin expander module is not necessary to program large pin-count devices.
- The SUPERPRO operates with a PC for engineering purpose or in stand-alone mode, without a PC, for repeat production mode programming. This provides seamless migration from engineering to production.
- The SUPERPRO communicates through a USB 2.0 port and operates on most Pentium-based, IBM compatible desktop/notebook computers.
- The SUPERPRO comes with a standard 48-pin DIP ZIF socket and supports optional socket adapters to accommodate PLCC, TSOP, SOIC, SOP, and QFP



Xeltek Part No.	Description
SUPERPRO-5004GP	Ultra- High Speed 4 Socket Gang Prog.

## SUPERPRO 5000, 6000, 7000, XX SERIES

### Features:

- Supports over 73,000 devices.
- Programs devices with Vcc as low as 1.2V.
- Built with 144 universal pin-drivers 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 7, Vista, and XP x32/x64 bit O/S.



Description
Ultra-Fast, 144 PIN Stand Alone, USB interface

## SUPERPRO-M (20,000 + DEVICES)

### Features:

- Supports 20,000+ IC devices from 158 manufactures
- Built with 48 universal pin-drivers
- ISP/ICP programming capability through optional ISP/ICP adapter.
- Compatible with Windows 7 and Vista and XP 32/64 bit o/s
- USB 2.0 interface



For quantities greater than listed, call for quote.	
Description	
Low Cost Advance Universal Programmer 48 Pin	

## ADAPTERS

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

For quantities greater than listed, call for quote.	
Description	
TSOP 48/D48 Adapter for SUPERPRO Programmers	
PLCC 44/D40 Adapter for SUPERPRO Programmers	
PLCC 32/D32 Adapter for SUPERPRO Programmers	
SOP/SOIC16 Adapter for SUPERPRO Programmers	
PLCC 20/D20 Adapter for SUPERPRO Programmers	
PLCC 84/D100 Adapter for SUPERPRO Programmers	

## SUPERPRO ISO1

### Features:

- Supports 6,537 IC devices from 139 manufacturers
- High speed ARM9 CPU based hardware engine. Programming speed adjustable for complicated application environments brought by user target board, length of ISP cable etc.
- Supports ISP programming of devices with I2C, SPI, CAN, UART, BDW, MW, JTAG, or any other serial port.
- Comes with ATE interface.
- Supports Linux O/S
- Two operation modes: Stand-alone and PC-Host mode
- DLL, API or Virtual Com communication command set available for third party application (Optional)
- USB 2.0 interface to PC for data communication and control
- Over-current and ESD protection to protect your equipment
- Lightest ever: Mechanical size: 137mm (L) x 87mm (W) x 47mm (H)



Xeltek Part No.
SUPERPRO ISO1-ISP

## SUPERPRO 501S PROGRAMMER

### Features:

- Supports over 35,000 devices
- Fastest cheapest stand-alone programmer: With ARM7 MCU it gives ultra-fast programming experience
- Two programmers in one, a double value: PC mode for engineering and stand-alone mode for production. The programmer operates in either PC hosted mode or stand-alone mode
  - Under PC hosted mode, a PC controls the programmer via a high-speed USB connection to program a chip
  - Under stand-alone mode, the user controls the programmer via 20-characters, 4-line LCD display with 6-KEY keypad
  - A CF (compact flash) card stores the project files
- Built-in 48 universal pin drivers
- CE and RoHS compliant



Xeltek Part No.
SUPERPRO501S

## SUPERPRO 500P PROGRAMMER

### Features:

- Fastest cheapest programmer: With ARM7 MCU it gives ultra-fast programming experience
- Programs devices with Vcc as low as 1.2V
- Built-in 48 universal pin drivers
- CE and RoHS compliant



Xeltek Part No.
SUPERPRO500P

## SUPERPRO 501S N\*CLUSTER

### Features:

- Supports over 29,000 devices. SuperPro 501S N4 Cluster is composed of x4 units of our newest and fastest SuperPro 501S programmer with 4 pieces of 512 CF cards. As a SuperPro 501S N\*Cluster owner, users get two programmers packaged into one! SuperPro 501S N\*Cluster owners, have the benefit of using it as:
- A universal programmer for engineering application
  - Secondly, as a manufacturing programmer for volume production



For production operation, Superpro 501S N\*Cluster operates in stand-alone (without a PC attached) mode. Each unit supports manufactures including EPROM, EEPROM and Flash memory, PIC, AVR and other popular microcontrollers and PLDs. By operating multiple programmers simultaneously you can use them in high volume production environment



STOCK NO.	Xeltek Part No.
	SUPERPRO501S-CLUSTER

## SOCKET ADAPTERS



Xeltek Part No.	Package Type	Type	Pitch (mm)
CX3001	QFP-32	Cover	0.8
CX3002	QFP-44	Cover	0.8
CX1004	TSOP-48	Opentop	0.5
CX1006	TSOP-40	Opentop	0.5
CX2032	PLCC-32	Opentop	1.27
CX2044	PLCC-44	Opentop	1.27
CX3011	QFP-64	Cover	0.5
CX3043	QFP-100	Opentop	0.5
SA026	TSOP-24	Opentop	0.65
SA245A	QFP-44	Clam Shell	0.8
SA404A	SOIC-28	Clam Shell	1.27
SA409T	TSOP-40	Clam Shell	0.5
SA602A	SOP-8	Opentop	1.27
SA605B	SOIC-20	Opentop	1.27
SA636	QFP-32	Clam Shell	0.8