

XELTEK Corporation

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SUPERPRO

Features:

- SuperPro 5000 supports 82,300+, SuperPro 5000E supports 71,600+ IC devices from 278+ manufacturers and continuing. *
- Programs devices with Vcc as low as 1.2V.
- Ultra fast programming speed: Programs and verifies 64 Mb NOR FLASH memory in 11.3 seconds and 1 GB NAND in 108 seconds.
- 144-pin universal pin-driver for support of today's most complex devices.
- Operates in Stand-alone or PC hosted mode.
 - o Under PC hosted mode, a PC controls the programmer via a high-speed USB2.0 connection to program a chip.
 - o Under stand-alone mode, the programmer is controlled via a LCD display and a 6-KEY keypad. A CF (compact flash) card stores the project files. In stand-alone mode, multiple units are constructed for concurrent multi-programming.
- ISP/ICP programming capability through optional ISP/ICP adapter.
- One year free customer request algorithm update request. (SP5000 only)
- Over-current and over-voltage protection for safety of the chip and programmer hardware.
- Compatible with Windows XP / Vista / Win 7 32/64 bits.
- Vcc verification at (+5%~-5%) and (10%~-10%) enhances programming reliability.
- 400+ universal socket adapters are available (144 bottom pins)
- Ideal for engineering and field service.
- Operates from a car battery via a cigarette lighter power cord (Optional)
- Includes advanced software functions:
 - o Chip operation starts immediately upon proper chip insertion in Production Mode.
 - o The Project function simplifies processes such as Device Selection, File Loading, Device Configuration, Program Option, and Batch File Setting into a single step.
 - o Password protection provides security for project files and production volume control.
 - o Serial number generators are available as standard or customized functions.
 - o Log file provides quality tracking.
- CE certified and ROHS Compliant

*Device count as of Aug 3, 2012. Please check the current device count at www.Xeltek.com.

Features:

Device	Program + Verify (Sec)	Type
K8P6415UQB	11.3	64Mb NOR FLASH
AM29DL640G	27.6	64Mb NOR FLASH
K9F1208U0B	67.4	512Mb NAND FLASH
KAP21WP00M	108	1Gb NAND FLASH
K9F1G08U0A	116.5	1Gb NAND FLASH
AT28C64B	0.9	64 Kb EEPROM
24AA128	4.5	128Kb EEPROM
B25F640S33	30.4	64Mb EEPROM
AT89C55	7.5	20KB FLASH MCU
ST72F324BK4B5	3.8	32KB FLASH MCU
MB89F538	1.67	32KB FLASH MCU
UPD78F9234	8.8	16KB FLASH MCU

Hardware & Electrical Specifications:

- Devices Supported: EPROM, Paged EPROM, Parallel and Serial EEPROM, FPGA Configuration PROM, FLASH memory (NOR & NAND), BPROM, NVRAM, SPLD, CPLD, EPLD, Firmware HUB, Microcontroller, MCU, Standard Logic
- Package: DIP, SDIP, PLCC, JLCC, SOIC, QFP, TQFP, PQFP, VQFP, TSOP, SOP, TSOPII, PSOP, TSSOP, SON, EBGA, FBGA, VFBGA, uBGA, CSP, SCSP
- PC interface: USB2.0 (High speed)
- Stand-alone memory: Requires Compact FLASH Card (Option)
- Power supply: AC Adapter: Input AC 100V- 240V; Output: 12V/2.0A
- Main unit: Dimensions 148(L) * 216(W) * 94(h) mm; Weight 3.5 lbs (1.6 Kg)
- Package: Dimensions 301(L) * 252(W) * 145(H) mm; Weight 6.2 lbs (2.8Kg)