

XELTEK Corporation

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SUPERPRO

Features:

- SuperPro 5004GP supports 78,000+, SuperPro 5004EGP supports 68,000+ IC devices from 260+ manufacturers and continuing. *
- Programs devices with Vcc as low as 1.2V.
- Built-in 144 universal pin-drivers for support of today's most complex devices
- Universal and device independent socket adapters available for various package types up to 144 pins
- Consists of 4 independent programming modules operating concurrently for high speed programming
- One year free customer request algorithm update request. (SP5004GP only)
- USB2.0 interface to a PC for high speed programming
- ISP/ICP programming capability through optional ISP/ICP adapter.
- Vcc verification at (+5% ~-5%) and (10%~-10%) enhances programming reliability.
- Provides over-current and over-voltage protection for safety of the chip and programmer hardware.
- Compatible with Windows XP / Vista / Win 7 32/64 bits.
- 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 May 10, 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 Function: Not available
- Power supply. AC Adaptor: Input AC 100V- 240V; Output: 12V/6A.
- Main unit: Dimensions 438 * 216 * 94 mm ; Weight 9.5 lbs (4.3 Kg)
- Package: Dimensions 550 * 252 * 145 mm; Weight 13 lbs (5.9Kg)