

SpeedMax



EE Tools is pleased to introduce **SpeedMax**, one of our finest products to date, and a product destined to become industry standard. If you are interested in cost-effectiveness and increased performance efficiency, **SpeedMax** is a must-have. **SpeedMax** uses the fastest programming architecture on the market today to deliver the highest possible throughput.

PRODUCT HIGHLIGHTS

- High Speed Universal Device Programmer
- Stand-Alone or PC with USB 2.0 Port
- Ganged Socket Actuation
- Auto-start Programming
- Support All Packages

KEY FEATURES

- Operation
 - Stand-alone & Remote operation
- Number of supported devices
 - Over 8,000 devices
- Supported low-voltages
 - 1.2 / 1.8 / 2.0 / 2.7 / 3.0 / 3.3 / 5.0 Volt
- High-speed programming (4 Gang at once)
 - Up to 400 Mbit/sec
- External Interface
 - USB & RS232 (Max. 115.2K) ports
- Pin-driver
 - 384 pin-driver (independent 48 pin full driving)
- Standard socket module
 - Universal 48-pin ZIF socket * 4 ea
- System clock speed
 - Max 66Mhz
- Control processor
 - 32 bit embedded RISC processor
- Display
 - Wide graphic back-lit LCD (40 words * 8 lines)
- Buffer memory capacity
 - 16 GBit
- Keyboard
 - 6 keys + independent Start key

- System control functions
 - Read, Program, Verify, Blank Check, Erase, Pgm, Seq, Cfg, Edit, Data, Check Sum, I/O
- Data edit functions
 - Insert, Delete, Move, Copy, Fill, Clear, Search
- Device control functions
 - Read, Program, Verify, Blank Check, Erase
- Supports Nand Algorithm to user's surroundings
 - (Magic-eye, XSR, GBBM, EFS, RFS and so on)
- Auto Start Button Function
 - (E->B->P->V with one cycle operation)

PROGRAMMING SPEED

Device P/N	Read	Blank	Prog	Verify
S29GL032M-R4	-	3.0	21.0	4.0
K9F1208U0A	-	71.0	57.0	123.0
KBE00F003M	-	6.7	6.7	6.7
MX29LV320CBXEI	-	4.0	23.0	4.0
AM29LV641DH	-	3.0	31.0	3.0
K9K1216DO6	-	52.0	40.0	64.0

* Programming Speed With 100% Data in Memory , Times in sec.

SYSTEM REQUIREMENT

- TYPE: Pentium PC, Windows 2000 / XP
- Hard disk space : over 200 Mbyte for software installation
- RAM size: over 256 Mbyte
- CD-ROM Drive
- I/O PORT: USB 2.0 & RS232 (Max. 115.2K)

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DEVICES PROGRAMMED

- EPROM, EEPROM, NAND Flash / NOR Flash memory , PLD
- FPGA, Serial PROM, Parallel PROM, CMOS PROM, Microcontrollers

PACKAGES SUPPORTED

- DIP, SDIP, PDIP, LCC, PLCC, QFP, TQFP, PQFP, VQFP, SOIC, SOP, PSOP, SON, TSOP, TSOP2, STSOP, TSSOP, SSOP, BGA, uBGA, FBGA, EBGA, CSP, SCSP, and more.

SUPPORTED FILE FORMATS

- Binary, ASCII, Intel Hex, Motorola S, Tektronix Hex, JEDEC and POF Files

TECHNICAL SPECIFICATION

Dimension :

- Module: 13.5"(L) x 10.4"(W) x 3.8"(H).

Weight :

- 12.0 lbs

PC Host Interface for downloading data :

- USB 2.0

Built-in Socket :

- 48-pin Textool ZIF (300/600 mil) standard.

Input power :

- 110~230VAC, 50~60Hz



SAFETY STANDARD

- CE compliant

WARRANTY

- One year hardware warranty service in factory

STANDARD ACCESSORIES

- Power Cord
- Print Cable
- Software CD and User's Guide