

FlashMax

EE Tools introduces the most cost effective high-performance Programming System to program leading high-density Flash memory and other programmable devices (such as Samsung NAND Flash) at near theoretical minimum programming times. FlashMax is a complete, stand-alone programming system, featuring a fully embedded operating system, a simple operator interface, and an ergonomic user-friendly design that minimizes process steps and maximizes performance. The FlashMax is designed to program even faster, so when Flash memories get bigger and faster, so will the FlashMax. The programming speed of FlashMax is about twice faster than MultiMax8G+.



PRODUCT HIGHLIGHTS

- High-speed Production Programmer
- Stand-alone and Local Mode Operation
- 16 Gbit for Built-in Buffer Size
- Programming Speed : up to 400 Mbit / Sec.
- Fast download data via USB 2.0

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 (8 or 16 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 * 8 or 16sites
- 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

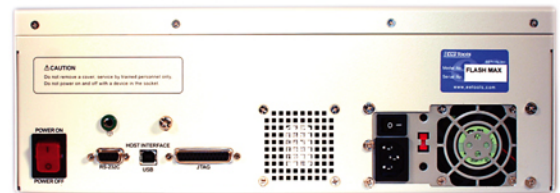
- Keyboard
 - 22 keys + independent Start key
- System control functions
 - Read, Program, Verify, Blank Check, Erase, Pgm, Seq, Cfg, Edit, Data, Check Sum, I/O,
- Data edit functions
 - Insert, Delete, Move, Copy, Fill, Clear, Search
- Device control functions
 - Read, Program, Verify, Blank Check, 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.

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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

SYSTEM REQUIREMENT

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

TECHNICAL SPECIFICATION

Dimension : FlashMax-8G

- Module : 15.5"(L) x 15.0"(W) x 5.0"(H)
- Weight : 17.5 lbs

Dimension : FlashMax-16G

- Module : 15.5"(L) x 15.0"(W) x 5.0"(H)
- Weight : 21.5 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
- USB Cable
- Software CD and User's Guide