

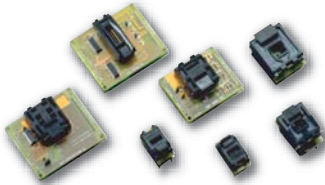
ALL-11A Universal Programmer

The most popular universal programmer have been simplified

Introduction



■ ALL-11A



■ Adapter & Converter

ALL-11A supports device programming for a variety of device types covering EPROM, EEPROM, Serial PROM, FLASH, PLD/CPLD/FPGA, MPU/MCU, etc. Most of programmable devices in DIP, SDIP, SOP, SSOP, TSOP, PLCC, QFP, or BGA package types can be programmed on a default DIP40 socket or through an appropriate ADAPTER/ CONVERTER. High speed USB port is provided to connect to the majority of notebook or desktop PC runs on Windows 98/ Me/ 2000/ XP/ 2003.

ALL-11A features modular pin drivers to provide excellent programming capabilities at high speed, high reliability and high expansion flexibility. All pin drivers of ALL-11A are fully programmable to meet modern programming / testing needs including new released low voltage devices in the market.

ALL-11A is a very powerful universal programming tool designed to help engineers to tackle today's challenges in device programming.

Features & Benefits



■ Rear



USB port

- **Excellent Performance** - Utilize flexible pin drivers to get accurate waveforms, high programming speed plus over current protection, reverse insertion detection, self diagnostic etc. ensures ALL-11A's excellent performance.
- **Wide IC Coverage** - Over 12,000 programmable devices can be programmed covering EPROM, EEPROM, Serial PROM, FLASH, PLD/CPLD/FPGA, MPU/MCU, etc. in DIP, SDIP, SOP, SSOP, TSOP, PLCC, QFP, or BGA etc. package types.
- **Easy to Use** - Runs on Windows. After master read or file download from PC, user only needs to select function from Menu and then hit YES key on programmer to start program function. Operation is very easy.
- **High Reliability** - Utilizing proven ALL-11P3 technology, the programming quality is getting perfect.
- **High Expansion Flexibility** - Over 800 ADAPTERs, 150 CONVERTERs are available for future expansion to ensure your capital investment retained.
- **Release Device Support via Internet Weekly** - Free software download provided.
- **World Wide Service** - Distribution channel covers 35 countries worldwide. Your problem could be taken care anywhere around the world.
- **Ideal for Engineering Environment** - Wide device covering range, flexible future expansion capability help engineers to achieve challenging time-to-market goal.

Specification

■ Device Support	Pin Count : from 8 up to over 300 pins Device Type: covering EPROM, EEPROM, Serial PROM, Flash, PLD/CPLD/FPGA, MPU/MCU
■ Device Contact	Default - DIP40, ZIF socket Others - SDIP, SOP, SSOP, PLCC, MLF etc. through optional CONVERTERs or ADAPTERs
■ Control	Controller - Single chip controller YES Key - Hit for operation Indicators - GOOD LED BUSY LED
■ Interface Port	1x USB port
■ Functions	Load file, Read Master, Program, Verify, Auto, ID Check, Check sum, Blank Check, Erase, Secure, Protect/Unprotect, Edit, Function Configuration, Self Test
■ Host Computer Requirements	• An Intel Pentium III compatible processor with 32MB of RAM • At least one USB port is available • 20 MB free hard disk space with Windows 98/ Me/ 2000/ XP/ 2003 operating system • CD-ROM drive
■ Power	AC voltage - 100-240 VAC Frequency - 50-60 Hz Power consumption - 0.5A Rating
■ Dimension	W x L x H - 250mm x 220mm x 50mm
■ Weight	2 kg
■ Operating Temperature	0-40°C (32-105°F)
■ Certification	CE mark

Ordering Information

- **ALL-11A** Mainframe unit with DIP40 socket, 1x USB cable (A type to B type), driver S/W and user manual in CD-ROM.

Optional Accessory

- **ADAPTERs** : Same as ALL-11P3,
 Please refer to HI-LO web site @ <http://www.hilosystems.com.tw>
- **CONVERTERs** : Same as ALL-11P3,
 Please refer to HI-LO web site @ <http://www.hilosystems.com.tw>