



# ALL-11C2 UNIVERSAL PROGRAMMER

The most cost-effective universal programmer is getting faster



■ ALL-11C2

## Introduction:

**ALL-11C2** 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 parallel port is provided to connect to the majority of notebook or desktop PC runs on Windows 95/98/NT/2000/XP. Derive from CPU upgrading, ALL-11C2 provides 5 times faster programming speed compare with its predecessor ALL-11C

**ALL-11C2** features modular pin drivers to provide excellent programming capabilities at high speed, high reliability and high expansion flexibility. All pin drivers of ALL-11C2 are fully programmable to meet modern programming / testing needs including new released low voltage devices in the market

**ALL-11C2** is a very powerful universal programming tool designed to help engineers to tackle today's challenges in device programming



Power On LED      Parallel Port      Power Switch  
Power Input

## Features & Benefits:

**Excellent Performance** - Utilize dedicated pin drivers to get accurate waveforms, high programming speed plus over current protection, reverse insertion detection, self diagnostic etc. ensures ALL-11C2's excellent performance

**Wide IC Coverage** - Over 7,000 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 (Blank check, Program, Auto) function from Menu and then hit " YES " key on programmer to start program function. Operation is very easy

**High Reliability** - Utilizing proven ALL-11P2 technology, the programming quality is getting perfect

**High Expansion Flexibility** - Over 800 ADAPTERs, 150 CONVERTERs available for future expansion to ensure your capital investment retained

**Release New Device Support via Internet Weekly** - Your future needs will never be neglected after purchasing

**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 Contact

Default - DIP40, Textool  
Others - SDIP, SOP, SSOP, PLCC, MLF etc. through optional  
CONVERTERS or ADAPTERS

### ■ Programming Site

Single site

### ■ Control

Controller - Single chip controller  
YES Key - Hit for operation  
Indicators - GOOD LED  
BUSY LED

### ■ Interface Port

Parallel Port

### ■ Functions

Load file, Read Master, Program, Verify, Auto, ID Check, Checksum,  
Blank Check, Erase, Secure, Protect/ Unprotect, Edit, File Transfer,  
Function Configuration, Self Test.

### ■ Host Computer Requirements

- An Intel Pentium or compatible processor with 32MB of RAM
- One parallel port needed.
- 5 MB free hard disk space with Windows 95/98/NT/2000/XP operating system.
- CD-R drive.

### ■ Power

By external power supply  
AC input voltage : 100 - 240 VAC / 50-60 Hz  
DC output voltage : 5V / 1.5A , 12V / 1.5A

### ■ Dimension

L x W x H : 222mm x 160mm x 50mm

### ■ Weight

2 kg.

### ■ Operating Temperature

0 - 40°C ( 32-105 °F )

### ■ Safety Standards

CE Approved.

*Made in Taiwan*