



ALL-100

Universal and Gang Programmer

A new universal programmer best satisfy your programming needs

Introduction

ALL-100 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 DIP48 Programming Module directly or through an appropriate ADAPTER/CONVERTER

ALL-100 features high-tech pin drivers to provide excellent programming capabilities at high speed, high reliability and high expansion flexibility. All pin drivers of ALL-100 are fully programmable to meet modern programming /testing needs including newly released low voltage devices in the market

A high speed USB port is provided to connect to the majority of notebook or desktop PC runs on Windows 98se/ Me/ 2000/ XP/ 2003 Server

ALL-100 is a very powerful programmer which could be used either with dedicated x1 Programming Module as single site universal programmer or with x 8 Gang Programmer Module as octal site gang programmer to save future expansion cost ALL-100 is designed to help engineering and production lines to tackle today's challenges in device programming

Features & Benefits

Wide Devices Coverage - Wide range of programmable devices from 8 pins up to 300 pins 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

High Expansion Flexibility - Over 500 ADAPTERs, 150 CONVERTERs can be used with x1 single site programming module or x8 Gang Programming Module to ensure your capital investment retained

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

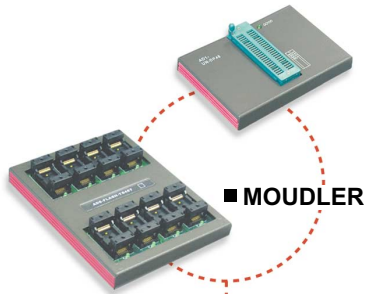
High Reliability - Utilizing proven ALL-11 technology, the programming quality is getting perfect

Excellent Performance - Utilize flexible pin drivers to get accurate waveforms, high programming speed plus over current protection, wrong insertion detection self diagnostic etc. ensures ALL-100 excellent performance

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 as well as Production Environment - Wide device covering range, flexible future expansion capability help users to achieve challenging time-to-market goal



■ MOUDLER



■ ALL-100



SITE NO.

USB PORT

Specification

■ Device Support

Pin Count : from 8 pins up to over 300 pins
Device Type: covering EPROM, EEPROM, Serial PROM, FLASH, PLD/CPLD/FPGA, MPU/MCU, etc

■ Device Contact

Default - DIP48, Textool.
Others - SOP, TSOP, PLCC, QFP, MLF, SDIP etc. through optional CONVERTERs or ADAPTERs

■ Programming Site

Single Site : with Optional single-site Programming Module
Multiple Site : with Optional GANG Programming Module

■ Control

Controller - 16 bits high-speed controller with big sized FPGA & CPLD
YES Key - Hit for operation
Indicators - GOOD LED
 BUSY LED

■ Interface Port

1x USB port

■ Data Transfer Rate

USB 1.0/ 1.1 : 12 Mb/S
USB 2.0 : 480 Mb/S

■ Functions

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

■ Host Computer Requirements

- An Intel Pentium or compatible processor with 32MB of RAM.
- At least one USB port available (V 1.0/1.1/ 2.0).
- 5 MB free hard disk space with Windows 98se/Me/2000/XP/2003 Server operating system
- CD-ROM Drive

■ Power

AC voltage - 100-240 VAC
Frequency - 50-60 Hz
Power consumption - 0.5A Rating

■ Dimension

L x W x H - 260mm x 150mm x 100mm

■ Weight

4 kg

■ Operating Temperature

0-40 °C (32-105 °F)

■ Safety Standards

CE Approved

Ordering Information

ALL-100

Includes 1x ALL-100 Base Unit (At least one Programming Module is required for operation.) ,
1x USB cable (type A to type B), driver S/W and user manual in CD-ROM

Optional Accessory

AD1-UN-DP48	Single Site Programming Module dedicated for ALL-100
AD8-FLASH-TS48	x8 Gang Programming Module dedicated for ALL-100 Octal Sites FLASH programming
CONVERTERs	Convert signal into different package types covering PLCC, QFP, SOP, TSOP, BGA,...etc ranging from 8 pins to 48 pins. Please refer to CONVERTER LIST on HI-LO web site
ADAPTERs	Support high pin count devices from 48 to over 300 pins. Please refer to ADAPTER LIST on HI-LO web site