ALL-200 Universal Programmer

A new generation compact size high performance programmer

Introduction

ALL-200 Universal Programmer is designed to provide high quality yet compact size programming platform for IC programming at development / engineering stage.

ALL-200 extremely high freq. core circuit design significantly cut down programming time of high density memory products.

ALL-200 has 56 sets of Precise Universal Pin Driver to provide high speed, low noise, accurate and reliable programming signals for various IC products including high speed low power devices recently released to market.

ALL-200 works with dedicated Socket Board (HD-xxx-xxx) per IC package type. This eliminates the requirement of additional socket adaptor / converter which might impact programming yield due to poor contact and/or signal noise.

The supporting software is updated weekly on HI-LO web site for checking / retrieving through Internet. Programming of new products will not be neglected after purchasing.

Features & Benefits

Excellent performance
ALL-200 extremely high freq. core circuit design significantly cut down programming time of high density memory products. Precise Universal Pin Drivers provide high speed, low noise, accurate and reliable programming signals for various IC products including high speed low power devices recently released to market.

Wide range of IC coverage
ALL-200 supports wide range of IC products including EPROM, EEPROM, Serial EE, SPI memory, FLASH, MPU/MCU product types and DIP, SDIP, SOP, SSOP, TSOP, PLCC, QFP, QFN, SON, BGA package types.

Easy to setup & operate
ALL-200 setup and operation can be done easily by connecting Programmer to PC with Windows 2000/XP/Server 2003/Vista/Windows7/Windows 8 O.S. through USB port, load data file or read Master IC, then select functional options (Program、Verify、Auto...etc.) to start programming.

Direct-mount Socket Board
ALL-200 works with dedicated Socket Board (HD-xxx-xxx) per IC package type. This eliminates the requirement of additional socket adaptor / converter which might impact programming yield due to poor contact and/or signal noise.

High expansion flexibility
From development / engineering stage using ALL-200 single-site programming through limited production stage using ALL-200G multi-site programming to mass production stage using AT3-300 series automated programming, high expansion flexibility of programming platform is well prepared.

Timely software support
The supporting software is updated weekly on HI-LO web site for checking / retrieving through Internet. Programming of new products will not be neglected after purchasing.

World wide service
Distribution channel covers 35 countries worldwide, all inquiries / problems can be served easily and timely.

Specification

Core controller	16 bits high freq. core control circuit with high performance FPGA & CPLD
Key functions	Load File, Read Master, Program, Verify, Auto, ID Check, Checksum, Blank Check, Erase, Secure, Protect / Unprotect, Edit, Function Configuration, Self Test.
Support devices	IC types : EPROM, EEPROM, Serial EE, SPI memory, FLASH, MPU/MCU...etc. IC packages : DIP, SDIP, SOP, SSOP, TSOP, PLCC, QFP, QFN, SON, BGA...etc. IC leads : 8 pins ~ 300 pins
Device contact	Dedicated Socket Board (HD-xxx-xxx) per IC package type
I/O channels	56 sets Precise Universal Pin Driver Provide high quality programming signals for high speed low power (1.8V) devices
Data transfer interface	Transfer port : USB x 1 Transfer speed : USB1.1 : 12 Mb/sec. USB2.0 : 480 Mb/sec.
Host computer requirement	An Intel or compatible processor with 512MB of RAM At least one USB port is available 50MB free hard disk space Windows 2000 / XP / Server 2003 / Vista/ Windows 7/ Windows 8 or later rev. operation system CD ROM / DVD ROM Drive
Power	Power source : 100~240 VAC 50~60 Hz Power consumption : ~ 0.8 A
Operation temperature	0 ~ 40°C (32 ~ 105°F)
Dimension	W x D x H 130mm x 170mm x 40mm
Weight	~ 0.82 kg (Base Unit) ~ 0.86 kg (with socket board on top)
Certification	CE certified

Ordering Information

Standard package	Include ALL-200 Base Unit, USB cable, driver S/W and user manual in CD-ROM
Optional accessories	HD-xxx-xxx : Dedicated Socket Board per IC package type Contact HI-LO sales or check web site @ http://www.hilosystems.com.tw/ for appropriate P/N for IC package to be programmed