

LP-456

Universal Gang 4 Programmer / Universal Pin-driver of high performance /

Introduction

LP-456 is ultra-speedy universal 4x48 pin-drive concurrent production programmer. You can just use the general type adapters on the market for efficient multiprogramming solution.



- Standard Accessories**
- Main unit.....x1
 - CD.....x1 (Included driver & user's manual)
 - USB cable.....x1
 - Power Adaptorx1
- Optional Accessories**
- PLCC, JLC, SDIP, SOP, VSOP, SSOP, TSOP, TSSOP, QFP, PQFP, TQFP, VQFP, BGA, uBGA, SON, WSON, QFN(MLF)..... adapters

Features

- Four independent universal programming pin-driver in one unit.
- Provides with DUT 75MHz bandwidth and $\pm 2.5\text{nS}$ signal skew. In addition to the high processing speed, you can verify whether the devices working frequency meet their specifications.
- Provides Hands-free Operation. The asynchronous and concurrent operation allows a chip to begin programming immediately upon insertion of chip. The operator just take off the finished device and inserts a new device.
- Provides mass-production-oriented software. There is used a Project file to control LP-456 to minimize the operator error. Moreover, it provides programming history and yield statistic for needs of production managements.
- Provides insertion test and contact check before programming.
- General type adapter can be used on LP-456, save money and convenience.

Specification

	Logic Signal Level	1.5V~6.0V,10mV
	IOL & IOH Current	10mA
Power Signal	Logic Signal Frequency	75MHz (3-5V) 60MHz (2.5V) 45MHz (1.8V) 25MHz (1.5V)
	Signal Skew	$\pm 2.5\text{nS}$ (3-5V)
	Clock	0Hz~75MHz
	VDD & VIO Level	1.5V~6.5V,10mV
	IDD & IIO Current	400mA
	VPP & VHH Level	1.5V~15.5V,20mV
	IPP& IHH Current	150mA
PIN DRIVERS	48 Pin Universal Pin-Driver x4	
DUT SORCKET	DIP-48 ZIF(Zero Insertion Force) x 4	
Dimension	372 x 205 x 45mm	
Weight	2.1kg	

Supported Devices

- NOR FLASH, SPI EPROM, EEPROM, MPU, MCU, CPLD, NV-RAM...etc.

Supported File Format

- Binary, Machine Code, Intel HEX, TEK HEX, Motorola HEX

PC System Requirement

OS	Windows 8 / 7 / Vista / XP (32bits & 64bits)
Processor	Pentium 4 Above
Memory	2 GB RAM Above
Hard Disk	500MB Above
Communication	Buffer 1GB Above USB 2.0 HIGH SPEED

