LEAPER-56

Pocket Universal Programmer

/ Smart-phone size and ICT level universal programmer

Introduction

The LEAPER-56 is a pocket size universal programmer. It provides with 75MHz bandwidth and < ±2.5nS signal skew just in smart-phone size. The programming efficiency is much better than the other programmers on the market in any time and any condition.

By letting your PC or laptop connect with LEAPER-56, it will perform your outstanding ability of development and debugging. You can easily have professional factory-level productivity.

Features

- Portable mini size. Without socket, only 136mm(L)* 90mm(W)* 20mm(H). You just need to connect with USB cable to use. No additional power supply.
- Provide with PIN 75MHz bandwidth and < ±2.5nS signal skew. In addition to the high processing speed, you can verify whether the ICs processing frequency meets the specifications.
- Via USB HUB, you can connect multiple LEAPER-56s to do gang programming. It makes development and mass production proficient.
- Provide with DUT device pin checking and memory components ID verification. Ensure the best yield rate of processing.
- Provides asynchronous and concurrent operation for the 8 units LEAPER-56 via USB hub which allows chips to begin programming immediately upon insertion to the socket. There is a message show on the UI to inform operator to take off the finished device and inserts a new device.

LEAPER-56 is most suitable on the mobile environment.

The best way to perform your professional capacity and working efficiency.

Standard Accessories

Main unit x1
CD x1
(Included driver and user's manual)
Y-USB cable x1
Soft case x1

Specification

Device power signal	Log ic signal level:	1.5V~6.0V,10mV
	IOL, IOH current:	10mA
	Logic signal frequency:	75MHz (3-5V)
		60MHz (2.5V)
		45MHz (1.8V)
		25MHz (1.5V)
	Signal skew:	<±2.5nS (3-5V)
	Clock frequency :	0Hz ~ 75MHz
	VDD, VIO level:	1.5V~6.5V,10mV
	IDD, IIO frequency:	400mA
	VPP, VHH level:	1.5V~15.5V,20mV
	IPP, IHH frequency:	150mA
Power consumption	4W	
Pin drivers	48 Pin Uuiversal Pin Driver (Zero Inser ion Force)	
DUT socket	DIP 48 ZIF	
Dimension	136 x 90 x 20mm (Socket is not induded)	
Weight	282g	

PC System Requirements

Operating system	Win 10 / 8 / 7 / Vista / XP (32bits & 64bits)
Processor	Pentium 4 above
Memory	1GB RAM above
Hard disk	500 MB above / buffer: 1GB above
Communication	USB 2.0 high speed
USB powere	Connect the cable with 2 USB port (600mA above)

Supported Devices

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

Supported File Formats

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

Remarks

1.Must use the USB cable from the standard package, and connect to the USB ports behind your PC. Besides please also connect it with 2 USB ports, or through the USB Hub (5V/1A).

2.When you need adapters to process the high-speed components, be sure to use good quality adapters. In order to have the best high-frequency process performance, the socket and DUT must keep good contact.