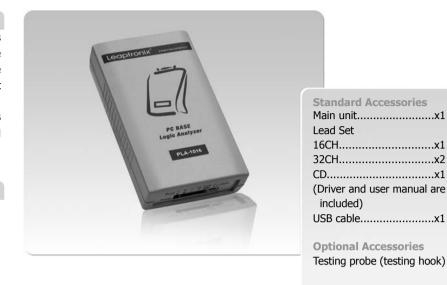# PLA-1016/2532

PC-Based Logic Analyzer / Provide the most economical measurement solution /

Introduction

The PLA Series (PC-Based logic analyzers), provides digital software and hardware designers the ability to quickly capture the complex signals in a digital environment that requires analysis and/or debugging. Furthermore, its compact size and USB connectivity to a laptop makes PLA an ideal solution for field applications.

Features

- Internal (asynchronous) and External (synchronous) capture : Offer a more convenient environment for engineers.
- The timing of each trigger point can be shown by the cursor mark.
- Binary code and hexadecimal List mode (State) display.
- Able to save measuring data and waveform results.
- Provide various signal trigger and capture : Pattern/Edge/AND/OR, 4 kinds of trigger modes.
- Provide various signal trigger and capture : Total of four kinds of trigger modes including Pattern/Edge/AND/OR.
- Provide Bus analysis and glitch capture functions.
- 256K Bytes ~ 2M Bytes long memory depth ; each CH memory depth is up to 128Kbits ~ 512Kbits.
- The adjustable sample rate size can be set by users, which avoids long capturing time.
- "Trigger Counter" and "Pulse Width Trigger" function.
- High-speed Zoom In/Zoom Out function.
- Smart software provides text file for saving the Binary Code of waveform.
- USB 2.0 interface for PC link function, which can connect with PC for user to save, analyze, view and printout.
- Powered by USB.

Standard Accessories

Main unit.........................x1
Lead Set
16CH.............................x1
32CH.............................x2
CD................................x1
(Driver and user manual are included)
USB cable.......................x1

Optional Accessories

Testing probe (testing hook)

Specification

Model	PLA-1016	PLA-2532
Timing Analysis	100MHz	250MHz
State Analysis	100MHz	100MHz
Bandwidth	100MHz	100MHz
Channels	16CH	32CH
RAM Size	256K Bytes	2M Bytes
Storage Depth per Channel	128K bits x 16CH	512K bits x 32CH
Maximum Input Voltage	±5V	±5V
Threshold Range	-4V~+4V	-4V~+4V
Data Skew (Channel to Channel)	10ns typical	4ns typical
PC Link Interface	USB 2.0	USB 2.0
Temperature	0℃~45℃	0℃~45℃
Dimension	15cm x 8cm x 3cm	15cm x 8cm x 3cm
Weight	230g	240g

PC System Requirement

Operating System	Windows 98/2000/XP/Vista32