PLA-2532/1016

PC-based Logic Analyzer & Data Logger /Provide the most economical measurement solution/

Introduction

The PLA series provides complete date acquisition system, Logic Analyzer and Data Logger. This small instrument is making digital software and hardware designers the ability to quickly capture the complex signals for analysis and debugging. Moreover, the PLA is able to cooperate with your own design program for test automation system.

Features

Logic Analyzer

- 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.
- 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.

Data Logger

- Provide friendly software, no matter what program language, just key in the timing, trigger condition and logic level etc, then start the data acquisition.
- Use binary for logging the code.

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

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