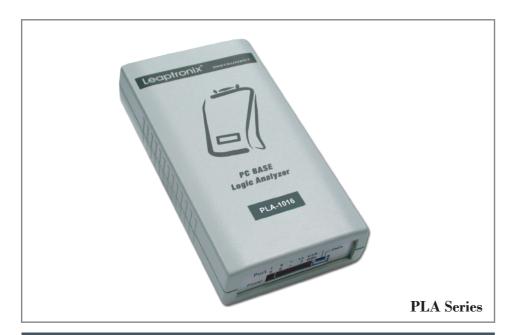
Provide the best measurement solution

PC-Based Logic Analyzer



The PLA Series (PC based logic analyzers), provide digital software and hardware designers the ability to readily capture the complex signals in a digital environment that require analysis and/or debugging. Furthermore, their compact size and USB connectivity to a laptop makes them an ideal solution for field applications.

Features

- Internal(asynchronous) and External (synchronous) capture:
 Offer a more convenient environment for engineers.
- The timing of each cursor mark to the trigger
- Provide binary code and hexadecimal List mode (State) display.
- Able to save the measuring data and waveform completely.
- Offers I²C, SPI, UART etc. signal decode function.
- Provide various signal trigger and capture:
 Pattern / Edge / AND / OR, 4 kinds of trigger modes.
- Pre-trigger, 3 level Post-trigger and continued-trigger functions make user operate more easily.
- Bus analysis and glitch capture function.
- 256K Bytes / 2M Bytes long memory depth; each CH memory depth is up to 128Kbits / 512Kbits
- Able to set the sample rate size by users, which avoid capturing time too long.

- Provide "Trigger Counter" and "Pulse Width Trigger" function.
- Provide High-speed Zoom In / Zoom Out function.
- Smart software provides text file for saving the Binary Code of waveform.
- Connect to PC which able let the user to view, save, analyze and printout the data
- No need extra power, just connect to the USB.

Application

- Development, measurement and quality control for digital products.
- Electronic, Electric machinery, Communication, Biotechnology and Medical digital products.

Physical Specification

Timing

 $100\mathrm{MHz}$ / $250\mathrm{MHz}$

Stat

 $100 \mathrm{MHz}$

Bandwidth

 $100 \mathrm{MHz}$

Channels

16 / 32CH

RAM Size

256K / 2M Bytes

Storage Depth per Channel

 $128 \mathrm{K} \ \mathrm{bits} \ \mathrm{x} \ 16 \mathrm{CH}$

512K bits x 32CH

Maximum Input Voltage

 $\pm 30 \mathrm{V}$

Threshold Range

 $-4V\sim+4V$

PC OS:

Win-98/2k/XP/Vista 32

PC Link Interface

USB 2.0

Power

Via USB

Temperature

0°℃ ~45°℃

Dimension

 $15(W) \times 8(D) \times 3(H) \text{ cm}$

Weight

230/240g

Standard Accessories

Main Unitx1
Lead Set
(each set include 16 signal + 2 ground)
16CHx1
32CHx2
CDx1
(PC Link software & User's manual)
USB Cablex1

More product information

TEL:+886-2-2999-1860#15 Lillian E-mail: lillian@leap.com.tw



PLA Series

PLA Series Product Specification

PLA-2532 250MHz,Max(4ns) 100MHz(Max) 100MHz 32CH 2M Bytes 512Kbits x 32CH Pattern / Edge / AND / OR
100MHz(Max) 100MHz 32CH 2M Bytes 512Kbits x 32CH
100MHz 32CH 2M Bytes 512Kbits x 32CH
32CH 2M Bytes 512Kbits x 32CH
2M Bytes 512Kbits x 32CH
512Kbits x 32CH
512Kbits x 32CH
Pottom / Edge / AND / OP
32CH
YES
3 (Edge or Pattern)
YES
YES (TTL Level)
1~255
YES
YES
4ns
4115
-4V∼+4V
±50mV
±30V
100 KΩ shunted by $pprox$ 10 pF
0°C = .45°C (41°E = .119°E)
0°C ~45°C (41°F ~113°F)
-40°C ~75°C (-56°F ~167°F)
-40°C ~75°C (-56°F ~167°F) 4ns typical
-40°C ~75°C (-56°F ~167°F) 4ns typical USB 2.0
-40°C ~75°C (-56°F ~167°F) 4ns typical
-40°C ~75°C (-56°F ~167°F) 4ns typical USB 2.0



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