

LA-2025 Logic Analyzer

Part No. 01LA2025

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Features:

- 1. Compact, portable, low cost, suitable for tender
- 32 channel
- Provide various signal trigger and capture way
- External(asynchronous) and internal(synchronous) capture: Offer a more convenient environment for engineers.
- The timing of each cursor mark to the trigger can be shown.
- 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 High-speed Zoom In/Zoom Out function
- Provide "Trigger Counter" and "Pulse Width Trigger" 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 for external power, just connect to the USB.

Description

Provides accurate measurement in a portable unit.

The LA Series help minimize your project risk by providing the most reliable, accurate data capture and the most complete view of system behavior. These products are ideally suited for complex hardware/software debugging, as well as parametric and mixed signal testing. Moreover, their compact size and ability to connect to a PC makes them an ideal solution for use at remote sites.

Specifications

Timing Analysis	250MHz,max(4ns)
State Analysis	200MHz(Max)
Bandwidth	200MHz
Channels	32CH
Memory	
RAM Size	2MB
Storage Depth per Channel	512Kb x 32CH
Trigger	
Condition	Pattern / Edge / AND / OR
Channels	32CH
Pre/Post Trigger	YES
Tigger Levels	3 (Edge or Pattern)
Continue Trigger	YES
Trigger Out	YES (TTL Level)
Bus Analysis	YES
Glitch Capture	YES
Threshold Range	
Range	-4V ~ +4V
Acuracy	±50mV
Maximum Input Voltage	±30V
Impedance	100KΩ shunted by apx. 8pF
Temperature	
Operating	0°C ~ 45°C (41°F ~ 113°F)
Storage	-40°C ~ 75°C (-56°F ~ 167°F)
Data Skew (Channel-to-Channel)	2ns typical, ±4ns Max
PC-Link Interface	USB 2.0
Power	
Power Source	AC: 90 ~ 240V, 50 ~ 60Hz
Power Dissipation	18W
Max Power Dissipation	20W
Physical	
Dimensions (W) x (H) x (D) cm	31cm x 15cm x 9cm
Weight	3.8kg