

ARTISAN®
TECHNOLOGY GROUP

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Visit our website - *Click HERE*

The Wayback Machine - https://web.archive.org/web/20120112023857/http://www.embedtools.com/pro_analyser/analyser/LA1016.asp

Product List

Embedded system development platform

- ARM Series Development Platform
- FPGA Series Development Platform
- 80C51 Series Development Platform

ARM embedded industrial computer

- EPC series MiniISA industrial control motherboard
- EPCM Series MiniISA Industrial Control Motherboard
- Intelligent MiniISA expansion board

PC/104 embedded industrial computer

- EPC series PC/104 industrial control motherboard
- EPCS series industrial control motherboard
- Intelligent PC/104 expansion board
- MontaVista Realtime Linux

Embedded industrial control module

- TinyARM micro industrial control module
- MiniARM Industrial Control Module
- Customization and cooperative development
- Application Case Center

Basic measuring instruments

- Logic Analyzer
- USB-bus analyzer
- CAN-bus Analyzer

Embedded System Development Tools

- Programmer
- Emulator

Power module (DC-DC)

- Constant voltage products
- Voltage Stabilizers
- Wide voltage products
- Non-isolated products

Motion Control Development Platform

- Motor drive development learning board
- IEEE Electric Mouse

LA1016 High Performance Logic Analyzer

A powerful tool for embedded system development and a good helper for digital circuit design

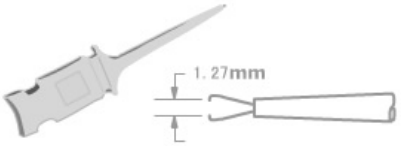
LA1016 uses advanced large-scale integrated circuits, integrates advanced technologies such as USB2.0, CPLD, FPGA, embedded systems, etc., uses USB power supply and plug-and-play. Compared with traditional logic analyzers, it has the advantages of high performance, low price, easy to carry, simple and easy to use, good scalability, etc. It is the best choice to replace traditional equipment. LA1016 logic analyzer is a 100M, 16-channel high-performance logic analyzer. It is a combination of logic analyzer, bus analyzer, logic pen and other measurement and development instruments. It is suitable for the development, measurement, analysis and debugging of various digital circuits. It is a powerful assistant for electronic R&D, electronic measurement engineers, scientific research and development and teaching of college teachers and students.

Product images

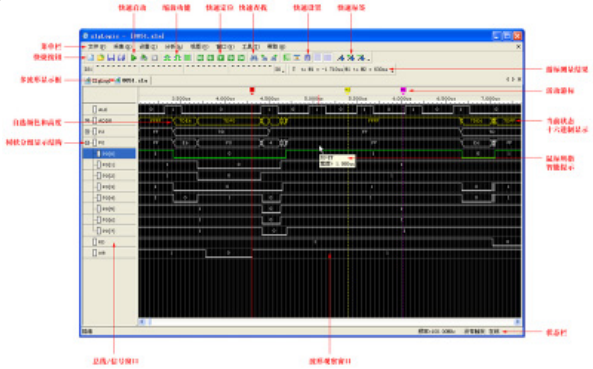


Precision test clip (optional)

Imported from the United States, professional quality. The precision test clip is a retractable "pincer-like" test clip made of pressed stainless steel, and can be changed into various sizes and shapes. It can connect chips with very high test density or chips with very difficult surface connections for testing, and ensure that the connection can be stable and reliable. The flat structure facilitates the connection of multiple pins of the chip for simultaneous testing and is easy to use.



Software interface (click the image to enlarge)



Features

● The innovative trigger measurement method and the brand-new analysis and measurement means make the measurement process faster and simpler.

● LA1016 can set multiple trigger modes such as edge, level, bus, etc., which is convenient and easy to use.

●The innovative data analysis function makes it easier for you to analyze UART, SPI, I2C and other data.

●The user-friendly working software can assist you in completing signal measurement, trigger setting, dynamic help, software upgrade and other functions.

●The brand-new multi-document structure allows you to observe and compare other data while measuring.

●The powerful data export function supports the possibility of secondary analysis of the measured signal.

●The flexible measurement frequency setting breaks the traditional 1, 2, 5-digit rules and regulations, making the measurement more accurate.

●The powerful measurement kernel does not need to rely on high-performance computers.

●USB2.0 full-speed interface, plug and play.

●Lightweight appearance, easy to carry.

● The dynamically upgraded hardware algorithm makes your measurement methods keep pace with the times.

Hardware indicators

●Signal sampling frequency:	100MHz(max)
●Real-time display of sampling frequency:	100MHz(max)
●Measurement bandwidth:	33MHz
●Each channel storage depth:	32Kbits
●Input Impedance:	500KΩ
●Input signal range:	0～5V
●Trigger voltage:	TTL/CMOS
●USB Version:	USB2.0 Full Speed
●Hardware filtering:	Level 2
●Trigger position setting:	Support (trigger position can be set arbitrarily to observe pre-trigger data)
●Trigger Level:	Level 16
●Logic pen function:	support
●Support Systems:	Windows 2000, Windows XP

Supported triggering methods

●Edge Triggering:	support
●Data trigger:	support
●Bus trigger:	support
●Data queue trigger:	support
●Data width trigger:	support
●Delay trigger:	support
●Data occurrence trigger:	support
●Data>,<Compare:	support
●Visual Trigger:	support

Features

●Smart Tips
●Digital filtering
●Signal Grouping
● Generate waveform image
● Automatic Upgrade
● CSV data export
● BIN data export
●Dynamic measurement
●Label adsorption
●Multi-measurement display
●Waveform Search
●Multiple interface styles
●Resizable toolbar

Bus Analysis

●UART Bus Analysis
●I^2C Bus Analysis
●Deformed Miller coding analysis plugin
●A/D conversion analysis
●SSI Bus Analysis
●SPI bus analysis
● Bi-Phase Manchester Encoding Analysis Plugin
●1-Wire Bus Analysis

Protocol Analysis

- SD/MMC card SPI mode analysis
- Analysis of CF Card True IDE Mode
- MODBUS Protocol Analysis
- 8051 Disassembly

Sales List

- LA1016 host 1
- LA1016 measurement line 16
- USB communication line 1
- Product CD 1
- User registration and warranty card 1
- "LA1016 logic analyzer user guide" electronic document

Downloads

Adding data...

Software Download

- Logic Analyzer Software zlglogic V4 [23590K **ZIP** 2011-2-25 **:** 45840 Views]

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