

HP Family of Logic Analyzers: HP 1660 Series and HP 16500 Series



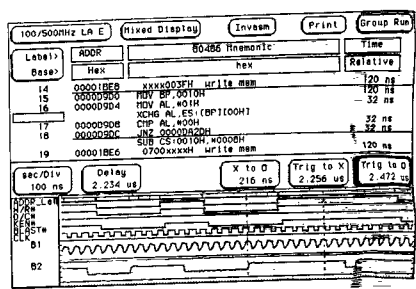
The HP Family of Logic Analyzers

You can choose exactly the performance you need in the form factor you want from Hewlett Packard's complete line of logic analyzer models.

HP 16500 Series Modular Logic Analyzers

The HP 16500 Series provides you with everything you need to solve your toughest measurement problems, including troubleshooting and characterizing your digital designs. The HP 16500 Series consists of a new modular mainframe with five slots. It is expandable to ten slots.

Choose from high-performance state and timing modules, deep memory modules, digitizing oscilloscope modules, and pattern generator modules to match your measurement needs today. HP's demonstrated commitment to the platform ensures the HP 16500 Series will continue to solve your toughest measurement problems in the future.



Time-correlated state, timing, and scope data can be displayed on the same screen.

Portable Logic Analyzers

HP 1660 Series

With the HP 1660 Series analyzers, you can feel confident about getting to the root cause of digital design problems quickly and with certainty. As a result, your product will probably get to market faster.

The HP 1660 Series analyzers offer prototype analysis capabilities which span from real-time software debugging to isolation of elusive hardware problems.

HP 1651B

The HP 1651B portable logic analyzer provides an economical solution for 8-bit microprocessor systems, or general-purpose state and timing debug.

See Analog Phenomena with a Built-In Digitizing Oscilloscope

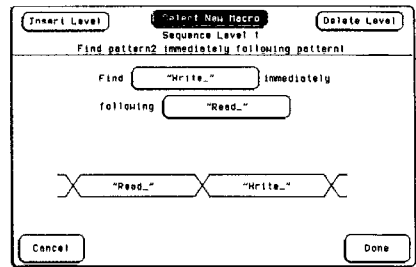
HP logic analyzers offer powerful, integrated, digitizing oscilloscopes with the performance you need to solve the toughest measurement problems. Now, you can get full 250 MHz analog bandwidth with a 1 GSa/s, 8-bit digitizing oscilloscope in the HP 16500B or in the 1660 Series. All integrated HP oscilloscopes have the digitizing advantages of waveform storage and recall, automatic measurements, time and voltage markers, and powerful triggering. Plus, the oscilloscope can be cross-triggered by the logic analyzer. Their measurements can be displayed time-correlated on the same screen for capturing and viewing the most elusive events.

Unparalleled Ease of Use

A mouse ships standard with every HP 16500B or 1660 Series analyzer. All HP logic analyzers have graphical, menu-driven interfaces, and can be automatically configured from files on a built-up disk drive. To change a parameter simply point to the field you need to change and then enter the value using the onscreen pop-up keypad or knob.

Solve Tough Problems by Combining Measurement Modules

When you capture symptoms but have not yet identified the underlying problem, the intermodule bus (IMB) lets you trigger other measurement modules in connection with the module where the symptom appears. For example, you might find a glitch using the timing analyzer, but not know what is causing it. By triggering an integrated oscilloscope module from the timing analyzer, you can quickly identify whether the cause was ringing, crosstalk, or some other analog problem.



Graphical trigger macro library ensures fast trigger condition setups.