



HP 16505A Prototype Analyzer

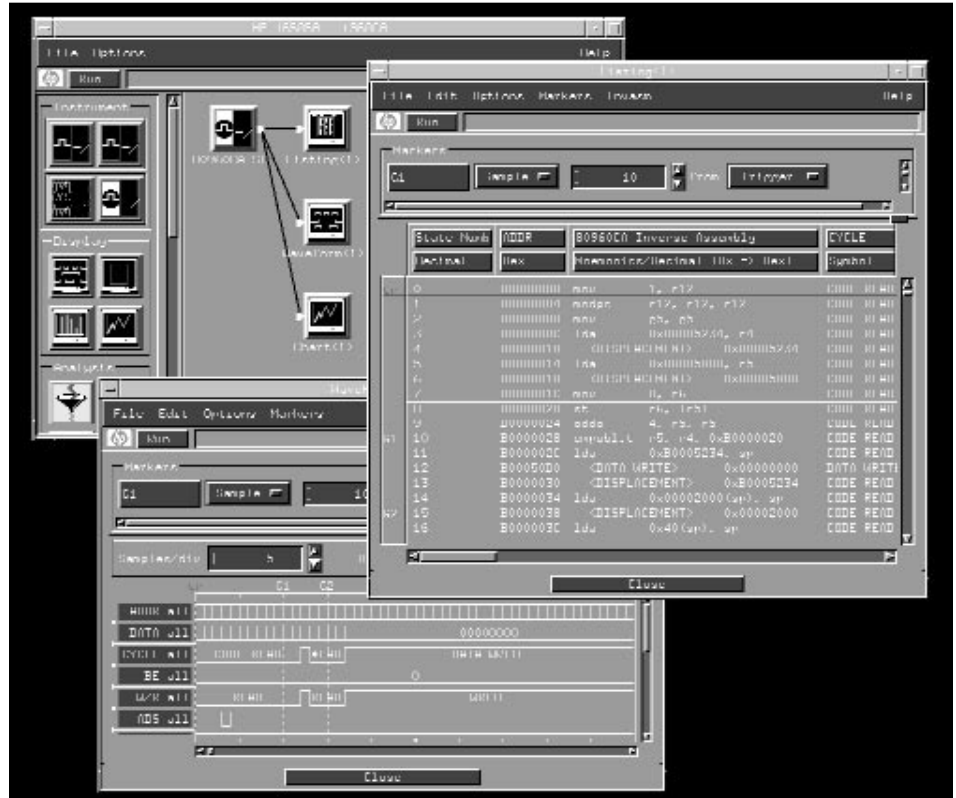
- Reduce Your Integration and Debug Time
- View Analog Signals to Source Code Execution in a Single Instrument
- View Data in the Format Best Suited to Your Needs
- Quickly Create, View and Modify Measurements
- Correlate HW and SW Measurements to Quickly Solve Tough Integration Problems
- Reuse HP Debugging Tools When You Change i960® Processors

The HP 16505A prototype analyzer helps to quickly solve your toughest i960 processor design, integration and debug problems. The HP 16505A couples powerful analysis, the benefits of a windows interface and the measurement capabilities of popular HP logic analyzers in one easy to learn and use measurement system. You can view your i960 processor target system's activity from analog signals to source code, all in one instrument.

Rapidly set up and tear down measurements as you test ideas about the nature of system crashes. All measurement tools are stored in the "toolbox", located on the main window. You simply drag and drop the appropriate instrument, analysis or display tool onto the workspace and connect the tools together.

Software engineers can view real-time traces as source-line referenced displays. Use deep trace memory and multiple source displays to view both the cause and effect of subtle hardware/software integration problems. Trigger the analyzer directly from the source trace. Use built-in search functions to jump to the next occurrence of an instruction. Use bookmarks to keep track of events in the trace.

Hardware engineers will appreciate the large waveform displays for viewing timing and analog activity. See up to 65 individual timing waveforms at one time,



correlated with analog traces. Instantly size your viewing area with a swipe of the mouse. Center the trace about markers or patterns. Choose the marker read-outs you need to see, then use the rest of the screen space for data display.

In addition, HP protects your investment in i960 processor debugging tools. The HP 16505A prototype analyzer is completely reusable when you migrate your design from one i960 chip to another. All you need is a new processor probe, and you're up and running with sophisticated hardware and software debugging tools.

HOST SYSTEMS SUPPORTED:
Any X-server system

PROCESSORS SUPPORTED:
i960 Sx, Kx, Jx, Cx, Hx, MC Processors

AVAILABILITY
Now

CONTACT:
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For international contacts see Appendix B.

