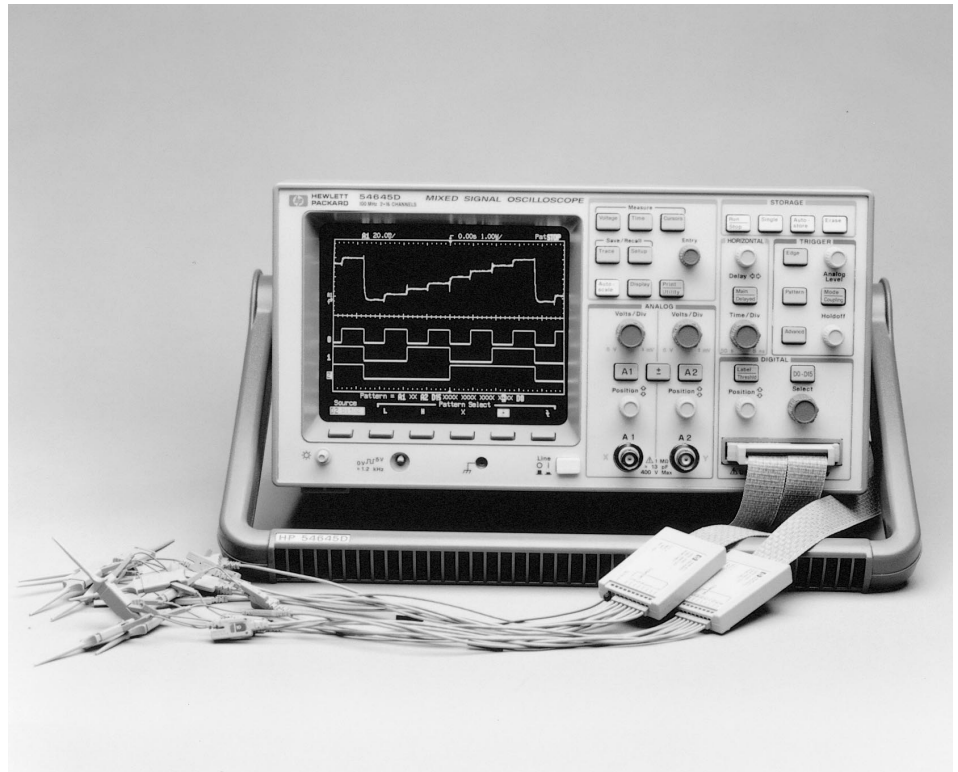


HP54645D Mixed Signal Oscilloscope

- Seamless Integration of General-Purpose Scope and Logic Analysis For Troubleshooting Intel MCS[®] 51/251 Microcontroller-Based Hardware Designs
- Dual 100-MHz Scope @ 200 MSa/s With 1 MB of Memory Per Scope Channel
- 16 Logic Timing Channels @ 400 MSa/s on 8 Channels, 200 MSa/s on 16 Channels, With 2 MB of Memory Per Logic Channel
- HP MegaZoom Technology Allows For Responsive Deep Memory Capture With Pan & Zoom
- Simple Easy-to-Use Controls
- Powerful Glitch and Pattern Triggering
- Autoscale For One Key Set-Up
- Automatic Parametric Measurements
- Cursor Measurements and Read-Out of Digital Patterns in Hex and Binary



With the addition of the new HP54645D Mixed Signal Oscilloscope (MSO) to your lab, you will be able to easily view the complex relationships of mixed-signals on your Intel MCS 51/251 microcontroller-based circuit designs. On one display you will be able to simultaneously view both the analog circuit response from the HP54645D MSO's 100-MHz scope channels and the digital circuit response from the MSO's 16 logic channels. Analog and digital events are aligned in time so you can easily relate cause and effect in difficult mixed-signal troubleshooting situations.

The HP54645D runs and feels like you would expect a scope to run, with controls that are familiar and easy to use. And with HP's exclusive MegaZoom technology, the display is responsive even though there is a megabyte of acquisition memory behind each channel. It's a deep memory scope without the painful sluggishness and high price normally associated with deep mem-

ory. And with this much memory, you will now be able to see the "big picture" as well as fine details of the "little picture" simultaneously.

To learn more about the HP54645D Mixed Signal Oscilloscope, call HP DIRECT at 1 (800) 454-4844. With one call, you can get product specifications or any technical literature you need to make the right decision. You can also get immediate technical information about HP's mixed-signal troubleshooting tools at HP's site on the worldwide web.

ORDERING INFORMATION:
 HP54645D 2 + 16 channel, 100-MHz Mixed Signal Oscilloscope \$4,995.00
 HP54645A 2 channel, 100-MHz Deep Memory Oscilloscope \$3,495.00L

MICROCONTROLLERS SUPPORTED:

8x3x, 8xC3x, 8xC5x, 8xC51x, 8xC51Fx, 8xC5xGx, 8xC51Rx, 8xC51SL, 8x151, 8xC152Jx, 8xC251Sx

DEVELOPMENT PLATFORMS:
 N/A

AVAILABILITY:
 Now

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Englewood, CO 80155

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For international contacts, see Appendix B.

