HP 64789B Emulator

- Real-Time Zero Wait State Operation to 33 MHz
- Supports 3V and 5V Operation
- Active Probe Includes 8K Dual Port Memory
- Supports up to 8 Mbytes of Emulation Memory
- Full Symbolic Debugging Support
- Supports Real and Protected Modes and SMM
- Background and Foreground Monitors
- Unlimited Software Breakpoints
- Four Hardware Execution or Breakpoints
- 8K, 64K or 256K Analyzer Trace Buffer
- Symbols Inserted in the Trace List
- Display of Current Port and Related Timing Information

The HP 64789B emulator supports the Intel386™ EX processor with real-time, no wait state emulation to 33 MHz in both real and protected modes. The emulator also fully supports the System Management Mode (SMM) operation. User selectable foreground and background monitors with dual port memory insure maximum transparency in varied operating environments.

The HP 64789B active probe implementation supports both 3V and 5V operation and permits the use of long 914 mm (36 inch) cables for easy target system access without sacrificing electrical transparency or clock speed. The probe contains a bond-out version of the microprocessor, emulation monitor, run control circuits and up to 8 Mbytes of emulation overlay memory. Extensive breakpoint capabilities provide considerable flexibility to start and stop program execution at specific locations within very complex code.

The emulation control and logic analyzer cards plug into the modular card cage common to all HP 64700 series emulators. Connection to the host computer occurs via LAN, RS-232 or RS-422. An easy to use real-time C debugger interface for the PC greatly simplifies the emulator command structure and allows even casual users to access the emulator's full potential.

HOST SYSTEMS SUPPORTED:
PC, SunSPARC, HP 700

PROCESSORS SUPPORTED:
Intel386 EX Processor

AVAILABILITY:
Now

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