

## LITERATURE WATCH

### DEVELOPMENT TOOLS

**Delphi project establishes accurate thermal models.** Innovative measurement and software techniques determine thermal models for a range of electronic components. Brian Kerridge, *EDN Europe*, 9/96, p. 3, 4 pp.

**Software tools for embedded systems development.** An important criterion for selecting a microcontroller is the availability of software development tools. Lindsey Vereen, *Embedded Systems Programming*, Buyer's Guide 1996, p. 19, 30 pp.

### MISCELLANEOUS

**Why it's time to clone the Mac.** A longtime Apple watcher, the author of the *Hartsook Letter* sees a solid opportunity emerging in Mac-compatibles and explains why in this exclusive analysis. Pieter Hartsook, *OEM*, 9/96, p.26, 9 pp.

**The interview: Andy Hertzfeld.** The cofounder of Radius and General Magic speaks out on a misstep by Netscape, predicts a new Java war, and gives advice for building Web-aware apps. Rick Boyd-Merritt, *OEM*, 9/96, p.36, 6 pp.

**The land beyond benchmarks.** The personal computer has made huge strides in performance whether measured in MIPS, megahertz, or any other metric. But as it moves into multimedia, the PC heads into a terrain that few can quantify. Michael Slater, MDR; *OEM*, 9/96, p.64, 8 pp.

**Integrated circuits for embedded developers.** A directory of 8-, 16-, and 32-bit microcontrollers, DSPs, EPROM, and flash memory. Lindsey Vereen, *Embedded Systems Programming*, Buyer's Guide 1996, p. 101, 22 pp.

### PROCESSORS

**EDN's 23rd annual micro-processor/microcontroller directory.** Listings and brief descriptions of dozens of 8-, 16-, 32-, and 64-bit microprocessors. Marcus Levy, Anne Coyle, *EDN*, 9/12/96, p. 45, 55 pp.

### PROGRAMMABLE LOGIC

**In-system programmable logic simplifies prototyping to production.** Allowing a device to be programmed after it is mounted on a PC board benefits prototype development, manufacturing, and field support. Doug Conner, *EDN*, 9/26/96, p. 37, 8 pp.

### SYSTEM DESIGN

**Design team fashions wearable computer.** A tiny, weight-trimmed DOS-compatible PC pushes display and voice recognition to new heights. John H. Mayer, *Portable Design*, 9/96, p. 40, 5 pp.

**Solving signal-integrity problems in high-speed digital systems.** Signal-integrity and transmission-line simulation is a crucial part of high-speed digital design. If you repair signal-integrity and crosstalk problems before building your design, you can eliminate unnecessary design tangents and improve design quality and yield. Jon Powell, Viewlogic; *EDN*, 9/26/96, p. 97, 6 pp.

**Hardware tools for embedded systems development.** Embedded systems are a marriage of both software and hardware design, and certain tools prove the strength of these intimate unions: in-circuit emulators, ROM emulators, logic analyzers, and oscilloscopes. Nicholas Cravotta, *Embedded Systems Programming*, Buyer's Guide 1996, p. 61, 30 pp.