that stores the vector buffer address at which the pin failure occurred.

Another milestone was achieved when Takeda Riken simulated and verified 100 percent of the board-level logic design of the T3341. This proved the effectiveness of the logic simulator for eliminating breadboarding, because it was obvious that no hand-worked breadboarding could satisfy the required performance specifications and system complexity.

Following logic verification and timing analysis, 12 x 19-inch, eight-layer printed-circuit boards were created, and a new manufacturing process called the flexible manufacturing system was developed to cover inventory control, component acquisition, assembly control, board/unit/system-level adjustment, and final inspection.

References


Tohru Kazamaki is the director of corporate staff for R&D at Takeda Riken Co., Ltd. He was vice president of engineering for Takeda Riken America, Inc., since helping establish the company in 1982. Previously, he was director of the R&D division and directed development of the 100-MHz VLSI tester. Kazamaki has 25 years of experience in engineering, marketing, and management in the test measurement equipment industry. He is a member of the International Test Conference Program Committee and vice chairman of the ITC Asian Subcommittee.

His address is Takeda Riken Co., Ltd., 2-4-1 Nishishinjuku, Shinjuku-ku, Tokyo 106, Japan.

Free Catalog!

Your 80-page guide to computer supplies and accessories—including complete new product descriptions.

- Packed with over 1600 products for microcomputers, minicomputers, and word processors – many available nowhere else.
- Big special section devoted to new supplies and accessories.
- Comprehensive product descriptions — including more than 475 full-color photos — clearly explain features and benefits.
- Easy-to-use cross reference guides to magnetic media, ribbons, and more — along with the industry’s most complete cable guide.
- Helpful suggestions and tips, ranging from flexible disk care to proper ribbon selection to useful application ideas.

Phone toll-free 1-800-547-5444

Inmac Catalog Dept.
2465 Augustine Drive
Santa Clara, CA 95054

Phone toll-free 1-800-547-5444 or send coupon today.

NAME
COMPANY
ADDRESS
CITY
STATE
ZIP
PHONE

Reader Service Number 4

October 1985