## At a Glance

Universal Serial Bus to Simplify PC I/O
<b>Editorial: AMD's Quandary—Lead or Follow?3</b> With its K5 processor, AMD is now competing with Intel using independent designs, but tracking Intel's advances is difficult at best.
Most Significant Bits
Synchronous Cache Popularity Increases
Oblique Perspective: Car Wars
Patent Watch
Literature Watch
Recent IC Announcements
Resources

## MICROPROCESSOR ♦ REPORT

THE INSIDERS' GUIDE TO MICROPROCESSOR HARDWARE

## **Publisher and Editorial Director**

Michael Slater E-mail: mslater@mdr.ziff.com

## **Editor in Chief**

Linley Gwennap E-mail: linley@mdr.ziff.com

#### **Senior Editor**

James L. Turley E-mail: jturley@mdr.ziff.com

## **Editorial Assistant:** Suzanne Gifford

### **Editorial Board**

Dennis Allison Rich Belgard
Brian Case Jeff Deutsch
Mike Feibus Bruce Koball
Dean McCarron Bernard L. Peuto
Martin Reynolds John Snell
Nick Tredennick John F. Wakerly
John H. Wharton

## **Editorial Office**

480 San Antonio Rd., Suite 210 Mountain View, CA 94040 **Phone:** 415.917.3050 **Fax:** 415.917.3093

Microprocessor Report is published every three weeks, 17 issues per year. Rates are: N. America: \$495 per year, \$895 for two years. Europe: £375 per year, £645 for two years. Elsewhere: \$595 per year, \$1,095 for two years. Additional copies in the same envelope: \$175 per year in North America, \$225 elsewhere. Back issues are available.

Microprocessor Report reviews and analyzes industry news based on information obtained from sources generally available to the public and from industry contacts. Although we consider these sources to be reliable, we cannot guarantee their accuracy. Readers assume full responsibility for any use made of the information contained herein.

Throughout this newsletter, trademark names are used. Rather than place a trademark symbol at every occurrence, we hereby state that we are using the names only in an editorial fashion with no intention of infringement of the trademark.

# Published by MICRODESIGN RESOURCES

President: Michael Slater

**Director of Operations:** Donna Schaffer

Subscriptions, customer service, and Microprocessor Forum information:

### **Business Office**

874 Gravenstein Hwy. So., Suite 14 Sebastopol, CA 95472

**Phone:** 707.824.4004 **Fax:** 707.823.0504 **E-mail:** cs@mdr.ziff.com

Copyright ©1995, MicroDesign Resources. All rights reserved. No part of this newsletter may be reproduced, stored in a retrieval system, or transmitted in any form or by any means without prior written permission.

Winner of the 1993 Computer Press Awards



Printed on recycled paper with soy ink.