At A Glance

Sun, Xerox to License XDBus Technology.....**1** Sun and Xerox have developed a very competitive high-end bus for systems with multiple processors. XDBus uses GTL transceivers and packet-switching technology to achieve high performance. The first system to use this bus is Sun's SPARCcenter 2000. The two companies are looking for licensees for the new technology.

General Magic Outlines Alliances, Product Plans......17 General Magic's "Magic Cap" software will run on personal communicators using a Motorola 68300-family processor, giving Motorola CPUs an entry into the PDA market.

DRAMs for New Memory Systems (Part 2)......**18** Rambus and RamLink use revolutionary DRAM interfaces that will force a total rethinking of memory system design, but these new parts offer much higher bandwidth than current DRAMs.

Literature Watch2	2
Recent IC Announcements	3
Resources2	4

MICROPROCESSOR REPORT

THE INSIDERS' GUIDE TO MICROPROCESSOR HARDWARE

Published By

MicroDesign Resources 874 Gravenstein Hwy. So., Suite 14 Sebastopol, California 95472 707/823-4004 • Fax 707/823-0504

Customer service e-mail: cs@mdr.ziff.com MCI mail: 346-0177

> Publisher and Editor-in-Chief Michael Slater e-mail: mslater@mdr.ziff.com

> Senior Editor Linley Gwennap 408/720-8840 • Fax 408/720-9465 e-mail: linley@mdr.ziff.com

> > Associate Editors Brian Case Mark Thorson

Customer Service: Colleen McMillen

Office Manager: Lynn Rodriguez

Production Manager: Ron Liskey

Production Artist: Rachel Dufour

Contributing Editors

Dennis Allison Mike Feibus George Morrow John Snell John F. Wakerly Rich Belgard Bruce Koball Bernard L. Peuto Nick Tredennick John H. Wharton

European Operations Phil Sutcliffe, Parkway Gordon Phone 44 (0)491 875386 Fax 44 (0)491 875524

Copyright ©1993, 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. *Microprocessor Report* is published every three weeks, 17 issues per year. Rates are:

N. America: \$445 per year, \$795 for two years. *Europe:* £345 per year, £595 for two years.

Elsewhere: \$575 per year, \$995 for two years. Additional copies in the same envelope \$145 per year in North America, \$195 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. While 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.

Printed on recycled paper with soy ink