Advanced Micro Devices

Am9513A/Am9513 System Timing Controller Technical Manual

03402E

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PREFACE

This manual describes the functional operation of the Am9513 System Timing Controller and its typical hardware and software applications.

Due to the complexity of this device, the first two chapters of this book are required reading before attempting to use the device. Detailed timing information is not contained in this manual, it is published in a separate document, called "Am9513 Electrical Specification," and is available from any Advanced Micro Devices Sales Office, representative or franchised distributor or directly from AMD Literature Distribution (MS-82) P.O. Box 3453, Sunnyvale, CA 94088.

The AmZ8073 is functionally identical to the Am9513, but offers timing parameters that are optimized for operation with the AmZ8000* microprocessor.

The Am9513A is a functionally enhanced version of the Am9513, and fully compatible with the Am9513. The new, additional features of this device are pointed out in the text.

*Z8000 is a trademark of Zilog, Inc.