IEEE Standard Signaling Method for a Bidirectional Parallel Peripheral Interface for Personal Computers





December 2, 1994

IEEE

EEE Std 1284-1994

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IEEE Standard Signaling Method for a Bidirectional Parallel Peripheral Interface for Personal Computers

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Microprocessor and Microcomputer Standards Committee of the IEEE Computer Society

Approved March 30, 1994

IEEE Standards Board

Approved September 2, 1994

American National Standards Institute

Abstract: A signaling method for asynchronous, fully interlocked, bidirectional parallel communications between hosts and printers or other peripherals is defined. A format for a peripheral identification string and a method of returning this string to the host outside of the bidirectional data stream is also specified.

Keywords: bidirectional parallel communications, computers, interfaces, PCs, personal computers, printers

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ISBN 1-55937-427-6

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Introduction

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(This introduction is not a part of IEEE Std 1284-1994, IEEE Standard Signaling Method for a Bidirectional Parallel Peripheral Interface for Personal Computers.)

This standard was formally started as an IEEE effort in January 1992, but without the advance work done by a loose alliance of printer manufacturers and printer software developers called the Network Printing Alliance, this standard would not be possible.

At the time it was completed, the key contributors to the IEEE P1284 Working Group were as follows:

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