1. Record Nr. UNISA996280555503316 IEEE Std 1394.3-2003: IEEE standard for a high-performance serial bus Titolo peer-to-peer data transport protocol (PPDT) // Institute of Electrical and Electronics Engineers New York, NY:,: IEEE,, 2004 Pubbl/distr/stampa Descrizione fisica 1 online resource (viii, 59 pages) 004.64 Disciplina Soggetti Microcomputers - Buses Microcomputers - Design and construction Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia

Sommario/riassunto

This standard defines a peer-to-peer data transport (PPDT) protocol between Serial Bus devices that implement Serial Bus Protocol 2 (SBP-2). The facilities specified include device and service discovery, selfconfigurable (plug and play) binding, and connection management. Scope: This is a full-use standard whose scope is the definition of a peer-to-peer data transport protocol between Serial Bus devices that implement ANSI NCITS 325-1998, Serial Bus Protocol 2. The facilities specified include, but are not limited to device and service discovery, self-configurable (plug and play) binding of software device drivers to PPDT devices and service connection management. Purpose: This standard creates a layer of protocol services based upon SBP-2 suited to a peer-to-peer environment which includes printers, facsimile devices, scanners (or multifunction devices that present some combination of these capabilities) when a computer is present but it is also intended to address the peer-to-peer needs of devices to communicate with each other in the absence of a host computer.