

Software Product Description

PRODUCT NAME: DEC FDDIcontroller/FUTUREBUS+ Software
Microcode, Version 1.0

SPD 48.39.00

DESCRIPTION

DEC FDDIcontroller/FUTUREBUS+ Software Microcode is dedicated Microcode that runs on the DEC FDDIcontroller/FUTUREBUS+ hardware platform. The DEC FDDIcontroller/FUTUREBUS+ is an FDDI controller designed to comply with the ANSI X3T9 FDDI standard and the FUTUREBUS Profile "B" Specification. It allows customers to connect systems that are equipped with a FUTUREBUS to FDDI local area networks.

DEC FDDIcontroller/FUTUREBUS+ hardware is shipped from the factory with the DEC FDDIcontroller/FUTUREBUS+ Software Microcode preloaded. The Microcode resides in electronically alterable memory within DEC FDDIcontroller/FUTUREBUS+ hardware, and can be updated via a host CPU firmware load utility if new versions of the Microcode are issued. The Microcode is maintained in the hardware base even during power-off states.

DEC FDDIcontroller/FUTUREBUS+ takes up one FUTUREBUS Profile "B" slot.

The general characteristics of DEC FDDIcontroller/FUTUREBUS+ Software Microcode are:

- Performs initialization of the DEC FDDIcontroller/FUTUREBUS+
- Performs Diagnostic Selftest automatically at power-up and also when requested by the host CPU
- Performs FDDI Station Management (SMT) based on the ANSI X3T9 Standard, SMT Version 7.2
- Supports Full-Duplex Mode (No Token, Point-to-Point)
- Maintains all DEC FDDIcontroller/FUTUREBUS+ counters
- Accepts host-initiated load of new firmware under control of the host CPU's operating system and/or console utility
- Supports Digital's Maintenance Operations Protocol
- Provides error logging and error recovery for both hardware and firmware failures

- Provides support for Promiscuous Mode

HARDWARE REQUIREMENTS

DEC FDDIcontroller/FUTUREBUS+ (DEFAA) hardware is required to run DEC FDDIcontroller/FUTUREBUS+ Software Microcode.

SOFTWARE REQUIREMENTS

This Software Microcode runs independent of any host CPU operating system; however, support for this hardware device is operating system release dependent. Support must be confirmed by referring to the most current host operating system SPD or equivalent.

GROWTH CONSIDERATIONS

The minimum hardware/software requirements for any future version of this product may be different from the requirements for the current version.

ORDERING INFORMATION

This Version 1.0 product is provided preinstalled in the prerequisite hardware, and can NOT be ordered separately.

SOFTWARE LICENSING

The Software License required to run DEC FDDIcontroller/FUTUREBUS+ Software Microcode is conveyed with the purchase of hardware. This license cannot be purchased as an independent line item.

This software is furnished under the licensing provisions of Digital Equipment Corporation's Standard Terms and Conditions. For more information about Digital's licensing terms and policies, contact your local Digital office.

SOFTWARE WARRANTY

Warranty of this software Microcode product is provided by Digital with the purchase of a license for the product as defined in the Software Warranty Addendum of this SPD.

The above information is valid at the time of release. Please contact your local Digital office for the most up-to-date information.

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