

Software Product Description

PRODUCT NAME: DEC FDDIcontroller/Q-bus Software Microcode, Version 1.0 SPD 43.92.00

DESCRIPTION

DEC FDDIcontroller/Q-bus Software Microcode is dedicated Microcode that runs on the DEC FDDIcontroller/Q-bus hardware platform. The DEC FDDIcontroller/Q-bus is designed to comply with ANSI X3T9 FDDI standard and Digital's Q-bus specification. It allows customers to connect systems that are equipped with a Q-bus and use either a BA200 or BA400 series CPU box to an FDDI Local Area Network (LAN).

DEC FDDIcontroller/Q-bus hardware is shipped from the factory with the DEC FDDIcontroller/Q-bus Software Microcode preloaded. The Microcode resides in electronically alterable memory within DEC FDDIcontroller/Q-bus hardware, and can be updated via down-line load if new versions of the Microcode are issued. It is maintained in the hardware base even during power-off states.

General characteristics of DEC FDDIcontroller/Q-bus Software Microcode are:

- Performs initialization of the DEC FDDIcontroller/Q-bus.
- Performs Diagnostic Self-test automatically at power up and also when initiated by the host CPU device driver.
- Performs FDDI Station Management (SMT) based on the draft ANSI X3T9 SMT V7.2 Standard.
- Maintains all DEC FDDIcontroller/Q-bus counters.
- Supports host CPU initiated load of new firmware.
- Supports Digital's Maintenance Operations Protocol.
- Provides error logging and error recovery for both hardware and firmware failures.
- Provides support for Promiscuous Mode.
- Provides support for Full-Duplex operation when connected point to point with another DEC FDDI Adapter (except DEFZA) or the GigaSwitch.

HARDWARE REQUIREMENTS

DEC FDDIcontroller/Q-bus DEFQA-SA/-SF/-DA/-DF hardware is required to run DEC FDDIcontroller/Q-bus Software Microcode.

SOFTWARE REQUIREMENTS

None, operates independent of host operating systems; however, specific and/or minimum versions along with device driver kits may be required to use the adapter on VMS/OpenVMS.

ORDERING INFORMATION

None — This product is provided preinstalled in the DEFQA hardware, and cannot be ordered independently.

SOFTWARE LICENSING

The Software License required to run DEC FDDIcontroller/Q-bus 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.

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