

Brad® SST™ Network Interface Card

112011 PROFIBUS-DP for High-Speed PC-Based Control



Features and Benefits

- ◆ High-speed deterministic communication for PC-Based control applications
- ◆ OEM ready, hardware and software components provided separately
- ◆ CommDTM driver for FDT Frame engineering software (PACTware™, FieldCare™, FieldMate™, etc)
- ◆ On board FPGA eliminates data bottlenecks, ensuring delivery of time critical information
- ◆ Available with 1 or 2 PROFIBUS channels
- ◆ Typical application:
 - PC-Based control
 - Network diagnostics
 - Custom OEM system
 - Monitoring
 - Data storage

Description

- ◆ Highly customizable PROFIBUS access via Direct DPRAM services
 - Configuration
 - Diagnostic
 - Process Data
- ◆ Manage DP Master and Slave modes simultaneously
- ◆ Auto-Boot (Configuration stored in Flash)
- ◆ Engineering Tools:
 - Configuration console (optional)
 - Test and diagnostic tools (optional)
- ◆ OPC DA Server v3.0 (optional)
- ◆ Supported OS:
 - Windows (32-bit): Windows Vista®, 2003 Server, Windows XP®
 - Others: Open, documented memory map interface with C source code samples and Windows 32-bit DLLs for custom driver development

Included Hardware/Software

- ◆ Bus Format
 - PCI Universal bus 3.3V/5V (PCI-X compatible)
 - PCI Express 1x
- ◆ 1x or 2x PROFIBUS ports, DB9 female, Galvanic insulation 1000V
- ◆ Speed: 9.6 Kbps up to 12 Mbps
- ◆ LEDs for system status and communications status

Compatible Protocols

- ◆ Master DP-V0 (Class-1 and Class-2)
- ◆ Master DP-V1 (Class-1 and Class-2)
- ◆ Slave DP-V0
- ◆ FDL Send/Receive

Conformance

- ◆ RoHS compliant
- ◆ CE
- ◆ PCI Express certified
- ◆ FDT Certified

Engineering No.	Standard Order No.	Description
SST-FB3-FC-U	112011-0021	PCI Network Interface Card for PROFIBUS-DP, 1 Channel, DLL+CommDTM
SST-FB3-FCU-B25	112011-0024	PCI Network Interface Card for PROFIBUS-DP, 1 Channel, DLL+CommDTM, Bulk of 25
SST-FB3-FCU-2	112011-0022	PCI Network Interface Card for PROFIBUS-DP, 2 Channels, DLL+CommDTM
SST-FB3-FCU-2-B	112011-0027	PCI Network Interface Card for PROFIBUS-DP, 2 Channels, DLL+CommDTM, Bulk of 25
SST-FB3-FCIE-1	112011-0031	PCI Express Network Interface Card for PROFIBUS-DP, 1 Channel, DLL+CommDTM
SST-FB3-FCIE-2	112011-0032	PCI Express Network Interface Card for PROFIBUS-DP, 2 Channels, DLL+CommDTM
SST-FB3-CHF-P	112030-0008	PROFIBUS Configuration and Diagnostic Console, Single license with Parallel key
SST-FB3-CHF-U	112030-0009	PROFIBUS Configuration and Diagnostic Console, Single license with USB key
SST-FB3-OPC	112028-0030	PROFIBUS OPC DA Server, Single license code

RELEASE EC NO: IPG2014-0761 DRWN: GGUSTAFS 2013/11/13 CHK'D: BARDEN APPR: BWOODMAN 2013/11/18	DESCRIPTION REV	QUALITY SYMBOLS ▽ = 0 ▽ C = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION MOLEX MOLEX INCORPORATED
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