



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Brad[®] SST[™] Network Interface Card

112013 PROFIBUS-DP for High-Speed PC-Based Control



Features and Benefits

- ♦ High speed deterministic communication for 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

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

- ♦ PC/104 bus
- ♦ 1 PROFIBUS port, DB 9 female, Galvanic insulation 1000V
- ♦ Speed: 9.6 Kbps up to 1.2 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
- ♦ FDT certified

Engineering No.	Standard Order No.	Description
SST-PB3-104	112013-0013	PB3 PC/104 Network Interface Card for PROFIBUS-DP
SST-PB3-104-B2S	112013-0015	PB3 PC/104 Network Interface Card for PROFIBUS-DP Bulk of 2S
SST-PB3-CHF-P	112030-0008	PROFIBUS Configuration and Diagnostic Console, Single license with Parallel key
SST-PB3-CHF-U	112030-0009	PROFIBUS Configuration and Diagnostic Console, Single license with USB key
SST-PB3-ORC	112028-0030	PROFIBUS ORC 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	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IIN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION																											
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