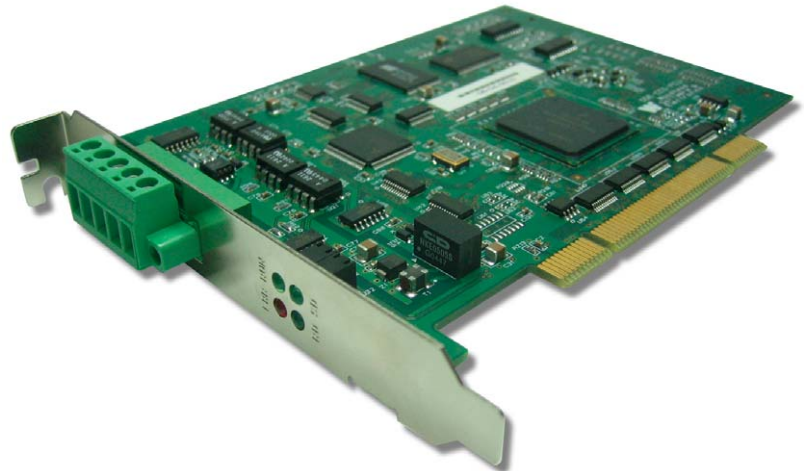The BradCommunications™ SST™ CC-Link Interface Card provides high-performance control and the support required for your CC-Link applications.

CC-Link Slave for Universal PCI Bus

SST™ PCI Bus CC-Link Interface Card

Features

- **High Performance 4th generation Coldfire Processor**
- **Compliant to CC-Link version 1.10**
- **Compliant to Universal PCI version 2.2**
- **Supports all CC-Link standard baud rates: 156K, 625K, 2.5M, 5M, 10M**
- **Software configurable station number, occupied stations and baud rate**
- **256KBytes Ram and 256KBytes Flash**
- **32KBytes Shared Ram**
- **User settable host watchdog for higher reliability**

OS and Drivers Supported

- **VxWorks 5.5**
- **Windows XP**
- **Hardware Reference Guide**
- **Driver / API Reference Guide**
- **Demo / Test software and source code available**

Member of CC-Link Partner Association

Overview

The BradCommunications™ SST™ Network Interface Card for CC-Link connects your PC to the CC-Link network and is used for the commissioning, troubleshooting and diagnostics of the fieldbus. The SST Network Interface Cards are characterized by their simple use and fast implementation; they are modular and scalable. Moreover, they are designed to be easily embedded into computerized systems.

The SST Network Interface Card for CC-Link benefits to machine builders and industrial PC manufacturers by significantly shortening the time to market for new systems. In addition it can be also found in a wide array of industrial applications including:

- Machine-Machine Control
- Operator Interface
- Human-Machine Interface
- PC Control
- Device Development

The SST Network Interface Card for CC-Link is CC-Link conformance tested and supports CC-Link Slave specifications version 1.10; including all the standard CC-Link baud rates, 1 ~ 64 station number and up to 4 occupied stations.
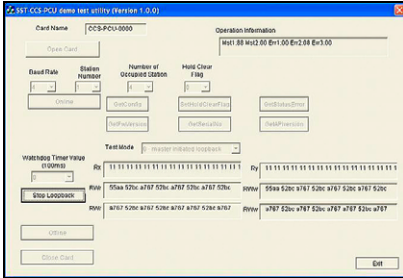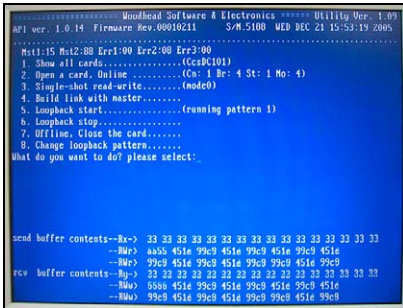
3.3V - 5V
PCI-X
Universal Bus

BradCommunications™
from Woodhead Industries

Woodhead

Software Components

Drivers and APIs are available for VxWorks 5.5 and Windows. Demo test software and sample source codes are available to enable fast integration of CC-Link into your application.

- Windows Utility -

- VxWorks Utility -

Other related products

- CC-Link network module for embedded applications -

CC-Link Slave

Hardware Specifications

INTERFACE CARD SPECIFICATIONS	
Bus Interface	32 bit, 33Mhz PCI version 2.2 Universal 3.3V / 5V interface
Processor	4th Generation Coldfire
Memory	256KB RAM and 256KB Flash
Interrupts	Not supported
Dimensions (L X W)	Standard half length
Consumption	2.4W
Typical Current Drawn	+5V, ±5%, 200mA. +3.3V, ±5%, 400mA
Voltage Requirements	+5V and +3.3V from PCI bus
Addressing: Memory	256KB Window
Adressing: IO	256MB (taken but not used)
Operating Temperature	0° C (32° F) to +55° C (131° F)
Storage Temperature	-40° C (-40°g F) to +85° C (185° F)
Humidity	5% to 95% non-condensing
RoHS Compliance	Yes

NETWORK SPECIFICATIONS	
Protocol	CC-Link Slave, specifications v1.10
Cable	Shielded 3 Cores CC-Link compliant cable
Connector	CC-Link compliant 5 pin terminal block with screws
External Power	Nil
Isolation	500 Volts
Display LEDs	ERR, RUN, SD and RD
Station Number	1 to 64
Occupied Stations	1 to 4
Data Rate	156K, 625K, 2.5M, 5M and 10M baud
CC-Link Conformance Tested	Yes

Ordering Information

Part Number	Description
SST-CCS-PCU	CC-Link Slave Card, Universal PCI Bus (3.3V/5V)

Other related products

Part Number	Description
SST-CCS-USB-KIT	BradCommunications™ SST™ DC100CCS Development Kit (USB Adapter + DC100CCS + CD-Rom)
DC100CCS-C-B10	BradCommunications™ SST™ DC100CCS module, CC-Link Slave, 5 pins connector with screw, Bulk of 10
DC100CCS-H-B10	BradCommunications™ SST™ DC100CCS module, CC-Link Slave, HE13 connector, Bulk of 10