



Kvaser PCICanx 4xHS

EAN: 73-30130-00330-9

Kvaser PCICanx 4xHS is a four channel, high speed CAN (controller area network) interface that can be used in both regular PCI and PCI-X slots. Galvanically isolated CAN bus drivers protect the hardware, whilst the on board micro controller ensures high throughput. The PCICanx 4xHS is ideal for multichannel data gathering applications, such as in laboratories.

Major Features

- Quick and easy plug-and-play installation.
- High-speed ISO 11898 compliant driver circuits.
- Compliant with PCI 2.3.
- The board fits in 3.3V PCI-X, and 3.3V and 5V PCI busses.
- Compatible with our PCICan boards.
- I/O mapped for quick reaction times.
- SJA1000 CAN Controllers from Philips, with 64-byte receive FIFO.
- Supports CAN 2.0 A and 2.0 B (active).

- Pin assignment according to CiA-DS102.
- 16 MHz CAN oscillator frequency.
- Galvanic isolation between the CAN-controller and the CAN-driver.
- Interfaces the CAN bus with DSUB CAN connectors.
- Wide temperature range, -40°C - +85°C.

Warranty

- 2-Year Warranty. See our General Conditions and Policies for details.

Support

- Free Technical Support on all products available by contacting support@kvaser.com.

Software

- Documentation, software and drivers can be downloaded for free at www.kvaser.com/downloads.
- Kvaser CANLIB SDK [link] is a free resource that includes everything you need to develop software for the Kvaser CAN interfaces. Includes full documentation and many program samples, written in C, C++, C#, Delphi, and Visual Basic.
- All Kvaser CAN interface boards share a common software API. Programs written for one interface type will run without modifications on the other interface types!
- J2534 Application Programming Interface available.
- RP1210A Application Programming Interface available.
- On-line documentation in Windows HTML-Help and Adobe Acrobat format.

TECHNICAL DATA - KVASER PCICANX 4XHS

CONNECTOR	DSUB 25
API, LICENCED	None
OPERATING SYSTEM	Win Vista,Win 8,Win 7,Win XP
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
NETWORK CHANNEL(S)	4 x CAN HS
ON-BOARD TX BUFFER	N/A
ON-BOARD RX BUFFER	N/A
MSGRATE RX MAX	14000
API, FREE	Kvaser API, J2534, RP 1210
MSGRATE TX MAX	18000
TIMESTAMP RESOLUTION (US)	N/A
ERROR FRAME DETECTION	Yes
MINIMUM BITRATE (KBPS)	N/A
SOUND	No
IP CLASS	N/A
CLOCK SYNC	No
ERROR COUNTERS READING	Yes
MAXIMUM BITRATE (KBPS)	1000
CERTIFICATIONS	RoHS
CASING MATERIAL	-
GALVANIC ISOLATION	Yes
SILENT MODE	Yes
ON-BOARD BUFFER	No
HEIGHT (MM)	20
EMBEDDED SCRIPT	No
STATUS	Active
WIDTH (MM)	120



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WIDTH (MM)	120
# OF CAN CHANNELS	4
PC INTERFACE	PCI
RUGGED	No
WEIGHT (G)	100.0
LENGTH (MM)	100
ERROR FRAME GENERATION	No

The information herein is subject to change without notice