



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

| | |
|---------------------------------|---|
| WEIGHT (G) | 100.0 |
| ON-BOARD BUFFER | No |
| SOUND | No |
| PC INTERFACE | PCI |
| ON-BOARD RX BUFFER | N/A |
| CLOCK SYNC | No |
| # OF CAN CHANNELS | 4 |
| RUGGED | No |
| CURRENT CONSUMPTION | PCICanx 4xHS: max 400 mA @ 5 V |
| WIDTH (MM) | 120 |
| PRODUCT GROUPS | PCI |
| CONNECTOR | DSUB 25 |
| GALVANIC ISOLATION | Yes |
| TIMESTAMP RESOLUTION (US) | N/A |
| EMBEDDED SCRIPT | No |
| MSGRATE RX MAX | 14000 |
| ERROR FRAME GENERATION | No |
| MAXIMUM BITRATE (KBPS) | 1000 |
| STATUS | Active |
| OPERATING SYSTEM | Linux,Win Vista,Win 10,Win 8,Win 7,Win XP |
| OPERATING TEMPERATURE RANGE (C) | -40.00 to 85.00 |
| MINIMUM BITRATE (KBPS) | N/A |
| ON-BOARD TX BUFFER | N/A |
| API, LICENCED | None |
| MSGRATE TX MAX | 18000 |
| NETWORK CHANNEL(S) | 4 x CAN HS |
| IP CLASS | N/A |



Kvaser PC1canx 4xHS

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|------------------------|----------------------------|
| LENGTH (MM) | 100 |
| API, FREE | Kvaser API, J2534, RP 1210 |
| HEIGHT (MM) | 20 |
| SILENT MODE | Yes |
| CASING MATERIAL | - |
| ERROR FRAME DETECTION | Yes |
| CERTIFICATIONS | RoHS |
| ERROR COUNTERS READING | Yes |

The information herein is subject to change without notice