KVASER PCICANX II HS/HS

EAN 73-30130-00343-9

The Kvaser PCIcanx II HS/HS is a dual channel, high speed CAN (controller area network) interface board for the PCI-X and PCI bus. It features an on-board microcontroller for offloading your main CPU and galvanic isolation for protection against voltage spikes.

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.

Major Features

Quick and easy plug-and-play installation - no switches.

- Compliant with PCI 2.3.
- The board fits in both 3.3V PCI-X and 3.3V and 5V PCI busses.
- Fully software compatible with the discontinued PCIcan II boards.
- Communicates with the PC through a fast DPRAM.
- CAN Controller is a Renesas M16C.
- Supports CAN 2.0 A and 2.0 B (active).
- High-speed ISO 11898 compliant driver circuits, supports bit rates up to 1 Mbit/s.
- Industry-standard 9-pin D-SUB connectors.
- Pin assignment according to CiA-DS102.
- 16 MHz CAN oscillator frequency.
- Galvanic isolation between the CAN-controller and the CAN-driver.
- The Kvaser PCIcanx II family boards can optionally be delivered with exchangeable CAN drivers, supporting e.g. single-wire CAN.
- Includes free of charge low profile bracket.

Software

Documentation, software and drivers can be downloaded for free at www.kvaser.com/downloads.

Kvaser CANLIB SDK 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.

Online documentation in Windows HTML-Help and Adobe Acrobat format.

Technical Data

CAN FD	No
Certifications	CE, RoHS
Connector	DSUB 9
Current Consumption	Approximately 1W (200mA)
Error Counters Reading	Yes
Error Frame Detection	Yes
Error Frame Generation	Yes
Galvanic Isolation	Yes
Maximum Bitrate (kbps)	1000
Minimum Bitrate (kbps)	20
Msgrate Rx Max	14000
Msgrate Tx Max	8000
Network Channel(s)	2 x CAN HS
Silent Mode	Yes
Weight (g)	100

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