Kvaser PCIcanx II HS

EAN: 73-30130-00344-6

The Kvaser PCIcanx II HS is a single 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.

Major Features

- Quick and easy plug-and-play installation - no switches.
- Compliant with PCI 2.3.
- The board fits in 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 circuit, supports bit rates up to 1 Mbit/s.

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- Industry-standard 9-pin D-SUB connector.
- 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.

Warranty

- 2-Year Warranty. See our General Conditions and Policies for details. Register your product atkvaser.com/getting-startedfor an additional 1-year Warranty Extension.

Support

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

Software

- Documentation, software and drivers can be downloaded for free at 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.
- On-line documentation in Windows HTML-Help and Adobe Acrobat format.

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TECHNICAL DATA - KVASER PCICANX II HS

CLOCK SYNC	No
ERROR FRAME DETECTION	Yes
MINIMUM BITRATE (KBPS)	20
ERROR COUNTERS READING	Yes
API, FREE	Kvaser API, J2534, RP1210
IP CLASS	IP00
CAN FD	No
SOUND	No
HEIGHT (MM)	20
ON-BOARD RX BUFFER	Yes
PC INTERFACE	PCI
MSGRATE RX MAX	14000
CURRENT CONSUMPTION	Approximately 1W (200mA)
RUGGED	No
CIRCUIT BOARD	No
CERTIFICATIONS	CE,RoHS
MSGRATE TX MAX	8000
WEIGHT (G)	100.0
NETWORK CHANNEL(S)	1 x CAN HS
ON-BOARD TX BUFFER	Yes
LENGTH (MM)	65
ON-BOARD BUFFER	Yes
# OF CAN CHANNELS	1
PROMOTIONAL_TEXT	Single channel, high speed CAN interface with onboard microcontroller for PCI and PCI-X slots. (PCI2.1 & 2.3)
CONNECTOR	DSUB 9

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TIMESTAMP RESOLUTION (US)	N/A
OPERATING SYSTEM	Linux,Win 7,Win 10,Win 8
WIDTH (MM)	120
DATABASE DBC SUPPORT	No
PRODUCT GROUPS	PCI
ERROR FRAME GENERATION	Yes
OPERATING TEMPERATURE RANGE (C)	-40 °C to +85 °C
STATUS	Active
SILENT MODE	Yes
API, LICENCED	None
EMBEDDED SCRIPT	No
GALVANIC ISOLATION	Yes
MAXIMUM BITRATE (KBPS)	1000
CASING MATERIAL	N/A

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