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.

- 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.

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 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 II HS

SOUND	No
TIMESTAMP RESOLUTION (US)	10
TIMESTAMP RESOLUTION (US)	N/A
LENGTH (MM)	65
MINIMUM BITRATE (KBPS)	20
ON-BOARD BUFFER	Yes
CONNECTOR	DSUB 9
CURRENT CONSUMPTION	1W200mA
CAN FD	No
PC INTERFACE	PCI
MAXIMUM BITRATE (KBPS)	1000
SILENT MODE	Yes
ON-BOARD RX BUFFER	Yes
MINIMUM BITRATE (KBPS)	20
OPERATING SYSTEM	Win XP,Linux,Win 7,Win Vista,Win 10,Win 8
RUGGED	No
STATUS	Active
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
# OF CAN CHANNELS	1
WIDTH (MM)	120
PC INTERFACE	PCI
ERROR FRAME DETECTION	Yes
NETWORK CHANNEL(S)	1 x CAN HS
PRODUCT GROUPS	PCI
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
API, FREE	Kvaser API, J2534, RP1210
CERTIFICATIONS	CE,RoHS

CB BOARD	No
GALVANIC ISOLATION	Yes
ON-BOARD TX BUFFER	Yes
SOUND	No
ON-BOARD TX BUFFER	Yes
HEIGHT (MM)	20
MSGRATE TX MAX	8000
HEIGHT (MM)	20
WIDTH (MM)	120
MSGRATE RX MAX	14000
PRODUCT GROUPS	PCI
ERROR FRAME DETECTION	Yes
EMBEDDED SCRIPT	No
DATABASE DBC SUPPORT	No
IP CLASS	IP00
API, LICENCED	
CLOCK SYNC	No
STATUS	Active
SILENT MODE	Yes
CASING MATERIAL	
CERTIFICATIONS	CE,RoHS
ON-BOARD BUFFER	Yes
API, LICENCED	None
MAXIMUM BITRATE (KBPS)	1000
NETWORK CHANNEL(S)	1 x CAN HS
ON-BOARD RX BUFFER	Yes
API, FREE	Kvaser API, J2534, RP 1210
RUGGED	No

GALVANIC ISOLATION	Yes
ERROR COUNTERS READING	Yes
ERROR COUNTERS READING	Yes
CAN FD	No
ERROR FRAME GENERATION	Yes
CURRENT CONSUMPTION	Approximately 1W (200mA)
IP CLASS	IP00
MSGRATE RX MAX	14000
WEIGHT (G)	100.0
MSGRATE TX MAX	8000
OPERATING SYSTEM	Win XP,Linux,Win 7,Win Vista,Win 10,Win 8
LENGTH (MM)	65
CB BOARD	No
CASING MATERIAL	N/A
WEIGHT (G)	100.0
CLOCK SYNC	No
# OF CAN CHANNELS	1
EMBEDDED SCRIPT	No
PLAY BACK LOG FILE	No
ERROR FRAME GENERATION	Yes
CONNECTOR	DSUB 9

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