Kvaser PCIcanx HS/HS

EAN: 73-30130-00331-6

Kvaser PCIcanx HS/HS is a dual 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.

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 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 HS/HS

GALVANIC ISOLATION	Yes
API, LICENCED	None
TIMESTAMP RESOLUTION (US)	N/A
SILENT MODE	Yes
MINIMUM BITRATE (KBPS)	N/A
MAXIMUM BITRATE (KBPS)	1000
SOUND	No
API, FREE	Kvaser API, J2534, RP 1210
PC INTERFACE	PCI
EMBEDDED SCRIPT	No
LENGTH (MM)	95
CASING MATERIAL	-
HEIGHT (MM)	20
ERROR FRAME GENERATION	No
CURRENT CONSUMPTION	PCIcanx 4xHS: max 400 mA @ 5 V
WEIGHT (G)	100.0
RUGGED	No
ON-BOARD RX BUFFER	N/A
OPERATING SYSTEM	Win Vista,Win 8,Win 7,Win XP
# OF CAN CHANNELS	2
ERROR COUNTERS READING	Yes
ON-BOARD BUFFER	No
STATUS	Active
NETWORK CHANNEL(S)	2 x CAN HS
WIDTH (MM)	120
ERROR FRAME DETECTION	Yes
CERTIFICATIONS	CE,RoHS

MSGRATE TX MAX	18000
CONNECTOR	DSUB 9
IP CLASS	N/A
MSGRATE RX MAX	14000
CLOCK SYNC	No
ON-BOARD TX BUFFER	N/A
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00

The information herein is subject to change without notice