

Kvaser PCICanx HS



Kvaser PCICanx is a high speed CAN interface for the PCI-X and PCI bus. It features Galvanic Isolation for protection against voltage spikes.

Kvaser PCICanx product family is a family of CAN/PCI interface boards and comprises three members: Kvaser PCICanx 4xHS, PCICanx HS/HS and PCICanx HS. The Kvaser PCICanx boards fits in both PCI-X and PCI bus systems. Galvanically isolated CAN bus drivers to protect the hardware.

Hardware

- Compliant with PCI 2.3
- The board fits in both 3.3V PCI-X and 3.3V and 5V PCI busses
- Completely compatible with our PCICan boards.
- Dimensions 140 x 100 mm (approx. 5.5 x 4 in.)
- I/O mapped
- Quick and easy plug-and-play installation
- SJA1000 CAN Controllers from Philips, with 64-byte receive FIFO
- Supports CAN 2.0 A and 2.0 B (active)
- High-speed ISO 11898 compliant driver circuits
- Interfaces the CAN bus with DSUB CAN connectors
- Pin assignment according to CiA-DS102
- 16 MHz CAN oscillator frequency
- Galvanic isolation between the CAN-controller and the CAN-driver
- Wide temperature range, -40 C - +85 C



Technical Data

Kvaser PCICanx HS

Galvanic Isolation	Yes
Bitrate	0-1000 kbit/s
Silent mode	Yes
Error frame generation	No
Error frame detection	Yes
Weight	100g
Timestamp resolution	0 s
On board buffer	No
Maximum message rate, send	18000
Maximum message rate, receive	14000
Sound	No
Clock synchronization	N/A
Dimensions (WxLxH)	120x65x20mm
Temperature range	-40 C to +85 C
Order number	73-30130-00332-3

The information herein is subject to change without notice

KVASER
Aminogatan 25
SE-431 53 Mölndal, Sweden
Telephone: +46 (0)31 88 63 44
E-mail: sales@kvaser.com
www.kvaser.com