Kvaser Mini PCI Express 2xHS

EAN: 73-30130-00743-7

Measuring 30 x 51mm, the Kvaser Mini PCI Express 2xHS is a highly integrated CAN (controller area network) add-on board that adds two high speed CAN channels to any standard computer board with mini PCI Express capability. Offering silent mode, error frame detection and an on-board buffer, the small form factor board fits any embedded data acquisition systems, but is particularly suitable for fleet management to monitor key parameters such as fuel economy, engine speed, braking and accelerator pressure, and gearshift patterns.

Major Features

- Supports a bit rate from 40 to 1000 kbit/s and a CAN transfer rate up to 20000 messages/s.
- Time stamp accuracy is 25 s.

- Low profile connector complies with the mini PCI Express standard, which connects via a cable to a DSUB (or other type) at the computer housing.
- A 7 pin Molex connector provides dual CAN channel access.
- Complies with EN 61000-6-2:2005, specifying EMC immunity for industrial environments.
- Operates over the industrial temperature range of -40 to +85°C.
- Kvaser's free of charge CANLIB SDK can be used to develop software for the Mini PCI Express HS board.
- Support for Linux, in the form of drivers and a dedicated SDK, are available as a separate download

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 MINI PCI EXPRESS 2XHS

CERTIFICATIONS	CE,RoHS
MSGRATE RX MAX	20000
SILENT MODE	Yes
MAXIMUM BITRATE (KBPS)	1000
HEIGHT (MM)	5
WEIGHT (G)	6.0
ON-BOARD RX BUFFER	N/A
ERROR COUNTERS READING	No
TIMESTAMP RESOLUTION (US)	25
ON-BOARD BUFFER	Yes
SOUND	No
OPERATING SYSTEM	Win Vista,Win 8,Win 7,Win XP
ERROR FRAME DETECTION	Yes
LENGTH (MM)	50
GALVANIC ISOLATION	Yes
MSGRATE TX MAX	18000
ON-BOARD TX BUFFER	N/A
MINIMUM BITRATE (KBPS)	40
CASING MATERIAL	-
ERROR FRAME GENERATION	No
STATUS	Active
PC INTERFACE	Mini PCI Express
RUGGED	No
WIDTH (MM)	30
# OF CAN CHANNELS	2
API, FREE	Kvaser API
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00

The information herein is subject to change without notice