



### Kvaser PCIEcan HS/HS

EAN: 73-30130-00405-4

Kvaser PCIEcan HS/HS is a dual channel, CAN (controller area network) interface board for the PCI Express bus that features galvanic isolation for protection against voltage spikes.

#### Major Features

- Quick and easy plug and play installation.
- Supports PCI Express x1.
- Designed for standard and industrial computers.
- Hardware compatible with the PCICanx and PCICan product families.
- I/O mapped to enable quick reaction times.
- Supports CAN 2.0 A and 2.0 B (active).
- Detection and generation of error frames and remote frames.
- SJA1000 CAN Controllers from Philips, with 64-byte receive FIFO.
- Galvanically isolated CAN bus drivers.

- Interfaces the CAN bus with DSUB CAN connectors. Pin assignment according to CiA-DS102.
- 16 MHz CAN oscillator frequency.
- Wide temperature range, -40°C - +85°C.
- Supports the Kvaser Linx.

### **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](http://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 PCIECAN HS/HS

|                                 |                              |
|---------------------------------|------------------------------|
| LENGTH (MM)                     | 95                           |
| ERROR COUNTERS READING          | Yes                          |
| OPERATING SYSTEM                | Win Vista,Win 8,Win 7,Win XP |
| GALVANIC ISOLATION              | Yes                          |
| WIDTH (MM)                      | 120                          |
| RUGGED                          | No                           |
| PC INTERFACE                    | PCI Express                  |
| TIMESTAMP RESOLUTION (US)       | N/A                          |
| ON-BOARD RX BUFFER              | N/A                          |
| STATUS                          | Active                       |
| EMBEDDED SCRIPT                 | No                           |
| API, LICENCED                   | None                         |
| API, FREE                       | Kvaser API, J2534, RP 1210   |
| MINIMUM BITRATE (KBPS)          | N/A                          |
| OPERATING TEMPERATURE RANGE (C) | -40.00 to 85.00              |
| CERTIFICATIONS                  | RoHS                         |
| CONNECTOR                       | DSUB 9                       |
| IP CLASS                        | N/A                          |
| ERROR FRAME GENERATION          | No                           |
| ERROR FRAME DETECTION           | Yes                          |
| # OF CAN CHANNELS               | 2                            |
| MAXIMUM BITRATE (KBPS)          | 1000                         |
| ON-BOARD BUFFER                 | No                           |
| ON-BOARD TX BUFFER              | N/A                          |
| CLOCK SYNC                      | No                           |
| HEIGHT (MM)                     | 20                           |
| SILENT MODE                     | Yes                          |



## Kvaser PCIEcan HS/HS

|                    |            |
|--------------------|------------|
| SOUND              | No         |
| MSGRATE TX MAX     | 18000      |
| CASING MATERIAL    | -          |
| NETWORK CHANNEL(S) | 2 x CAN HS |
| WEIGHT (G)         | 100.0      |
| MSGRATE RX MAX     | 14000      |

The information herein is subject to change without notice