



Kvaser PCI104 HS/HS IDC

EAN: 73-30130-00424-5

Kvaser PC104 HS/HS IDC is a two channel, PC/104 compatible CAN (controller area network) interface with IDC Header CAN connectors. It includes a high-performance, on-board microcontroller for CPU offloading, ensuring fast response times.

Major Features

- Quick and easy plug-and-play installation.
- High-speed ISO 11898 compliant driver circuits, supports bit rates up to 1 Mbit/s.
- Compliant with the PC/104 specification.
- Stack-through connector.
- On-board 16-bit microcontroller.
- Communicates with the PC through a fast DPRAM.
- Supports CAN 2.0 A and 2.0 B (active).
- CAN oscillator frequency of 16 MHz.

- Interfaces the CAN bus with IDC Header 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 PCI104 HS/HS IDC

# OF CAN CHANNELS	2
WIDTH (MM)	91
ERROR FRAME DETECTION	Yes
EMBEDDED SCRIPT	No
MSGRATE TX MAX	8000
CAN FD	No
IP CLASS	IPO0
ON-BOARD RX BUFFER	Yes
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
PRODUCT GROUPS	PC 104
CASING MATERIAL	N/A
ON-BOARD RX BUFFER	No
HEIGHT (MM)	20
GALVANIC ISOLATION	Yes
SILENT MODE	Yes
ON-BOARD TX BUFFER	No
ON-BOARD BUFFER	No
PC INTERFACE	PCI104
ERROR COUNTERS READING	Yes
NETWORK CHANNEL(S)	2 x CAN HS
MSGRATE TX MAX	8000
API, LICENCED	None
MSGRATE RX MAX	14000
ON-BOARD TX BUFFER	Yes
MINIMUM BITRATE (KBPS)	20
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
NETWORK CHANNEL(S)	2 x CAN HS

ERROR FRAME GENERATION	Yes
CAN FD	No
PRODUCT GROUPS	PC 104
CONNECTOR	IDC 10
MSGRATE RX MAX	14000
CURRENT CONSUMPTION	Approximately 1W @ 200mA
ERROR COUNTERS READING	Yes
TIMESTAMP RESOLUTION (US)	100
CASING MATERIAL	
CLOCK SYNC	No
HEIGHT (MM)	20
ERROR FRAME DETECTION	Yes
CONNECTOR	IDC 10
PLAY BACK LOG FILE	No
MAXIMUM BITRATE (KBPS)	1000
SOUND	No
WEIGHT (G)	100.0
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
DATABASE DBC SUPPORT	No
TIMESTAMP RESOLUTION (US)	1
RUGGED	No
EMBEDDED SCRIPT	No
STATUS	Active
API, FREE	Kvaser API, J2534, RP1210
CB BOARD	No
CLOCK SYNC	No
STATUS	Active
MINIMUM BITRATE (KBPS)	20

SILENT MODE	Yes
IP CLASS	IPO0
CURRENT CONSUMPTION	1W200mA
# OF CAN CHANNELS	2
MAXIMUM BITRATE (KBPS)	1000
CERTIFICATIONS	CE,RoHS
API, FREE	Kvaser API, J2534, RP 1210
PC INTERFACE	PCI104
API, LICENCED	
LENGTH (MM)	96
GALVANIC ISOLATION	Yes
CERTIFICATIONS	CE,RoHS
CB BOARD	No
LENGTH (MM)	96
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
SOUND	No
WEIGHT (G)	100.0
ERROR FRAME GENERATION	Yes
ON-BOARD BUFFER	No
WIDTH (MM)	91
RUGGED	No

The information herein is subject to change without notice