



Kvaser USBcan II HS/LS

EAN: 73-30130-00174-9

The Kvaser USBcan II HS/LS is a two-channel CANbus (controller area network) interface for USB 1.1 and 2.0. One channel is configured for High Speed CAN (ISO 11898-2); the second channel configure for Low Speed or "fault tolerant" CAN (ISO 11898-3). A flexible way to connect your PC to the CANbus.

Major Features

- Two channel CAN bus interface through a standard USB interface.
- One High Speed CAN channel (ISO 11898-2), and one Low Speed CAN channel (ISO 11898-3).
- Supports 11 bit (CAN 2.0A) as well as 29 bit (CAN 2.0B) identifiers.
- Native USB 1.1 support, forward compatible with USB 2.0 in full-speed mode (i.e. 12 Mbit/s).
- Contains the powerful Mitsubishi M16C microcontroller, with two built-in CAN controllers.
- Remote frames can be sent and received without restrictions.



- Detect and generate error frames on the CAN bus.
- Auto Transmit for placing messages on the bus at set intervals.

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 USBCAN II HS/LS

ERROR FRAME GENERATION	Yes
CB BOARD	No
MSGRATE TX MAX	6000
STATUS	Active
WEIGHT (G)	150.0
RUGGED	No
MSGRATE RX MAX	12000
EMBEDDED SCRIPT	No
CERTIFICATIONS	CE,RoHS
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
ON-BOARD BUFFER	Yes
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
LENGTH (MM)	90
HEIGHT (MM)	25
ON-BOARD RX BUFFER	Yes
PROMOTIONAL_TEXT	PC interface with one CAN (High Speed) channel and one Fault Tolerance CAN (Low Speed) channel.
GALVANIC ISOLATION	No
SOUND	No
CLOCK SYNC	No
IP CLASS	IP40
API, FREE	Kvaser API, J2534, RP 1210
PC INTERFACE	USB
# OF CAN CHANNELS	2
CASING MATERIAL	PC-ABS
SILENT MODE	Yes
MINIMUM BITRATE (KBPS)	20



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PRODUCT GROUPS	USBcan
API, LICENCED	None
WIDTH (MM)	50
ERROR FRAME DETECTION	Yes
DATABASE DBC SUPPORT	No
ON-BOARD TX BUFFER	Yes
ERROR COUNTERS READING	Yes
TIMESTAMP RESOLUTION (US)	30
MAXIMUM BITRATE (KBPS)	1000
CONNECTOR	DSUB 9
NETWORK CHANNEL(S)	1 x CAN LS,1 x CAN HS
CURRENT CONSUMPTION	5V and ca. 130mA if powered from the USB side. Ca. 850mW (9 – 30V DC) if powered from the CAN bus connector
CAN FD	No

The information herein is subject to change without notice