



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

ON-BOARD TX BUFFER	Yes
CB BOARD	No
OPERATING SYSTEM	Win 10,Win Vista,Linux,Win 8,Win 7,Win XP
API, FREE	Kvaser API, J2534, RP1210
MSGRATE TX MAX	6000
PC INTERFACE	USB
EMBEDDED SCRIPT	No
PRODUCT GROUPS	USBcan
MAXIMUM BITRATE (KBPS)	1000
WEIGHT (G)	150.0
ERROR FRAME GENERATION	Yes
CURRENT CONSUMPTION	USB~5V130mACAN850mW
CASING MATERIAL	PC-ABS
SOUND	No
ON-BOARD BUFFER	Yes
WIDTH (MM)	50
SOUND	No
MINIMUM BITRATE (KBPS)	20
CONNECTOR	DSUB 9
CURRENT CONSUMPTION	5V and ca. 130mA if powered from the USB side. Ca. 850mW (9 – 30V DC) if powered from the CAN bus connector
MSGRATE TX MAX	6000
ERROR FRAME GENERATION	Yes
CASING MATERIAL	PC-ABS
API, LICENCED	None
NETWORK CHANNEL(S)	1 x CAN LS,1 x CAN HS
CLOCK SYNC	No



Kvaser USBcan II HS/LS

SILENT MODE	Yes
WEIGHT (G)	150.0
STATUS	Active
CERTIFICATIONS	CE,RoHS
PLAY BACK LOG FILE	No
GALVANIC ISOLATION	No
ON-BOARD BUFFER	Yes
MSGRATE RX MAX	12000
RUGGED	No
ON-BOARD TX BUFFER	Yes
TIMESTAMP RESOLUTION (US)	30
HEIGHT (MM)	25
# OF CAN CHANNELS	2
HEIGHT (MM)	25
PC INTERFACE	USB
TIMESTAMP RESOLUTION (US)	30
API, FREE	Kvaser API, J2534, RP 1210
IP CLASS	IP40
CERTIFICATIONS	CE,RoHS
LENGTH (MM)	90
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
WIDTH (MM)	50
LENGTH (MM)	90
ERROR COUNTERS READING	Yes
ERROR FRAME DETECTION	Yes
IP CLASS	IP65
# OF CAN CHANNELS	2
STATUS	Active

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ERROR FRAME DETECTION	Yes
API, LICENCED	
MSGRATE RX MAX	12000
CB BOARD	No
OPERATING SYSTEM	Linux,Win Vista,Win 10,Win 8,Win 7,Win XP
MINIMUM BITRATE (KBPS)	20
DATABASE DBC SUPPORT	No
ERROR COUNTERS READING	Yes
CAN FD	No
NETWORK CHANNEL(S)	1 x CAN LS,1 x CAN HS
EMBEDDED SCRIPT	No
SILENT MODE	Yes
MAXIMUM BITRATE (KBPS)	1000
PRODUCT GROUPS	USBcan
CLOCK SYNC	No
CONNECTOR	DSUB 9
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
RUGGED	No
ON-BOARD RX BUFFER	Yes
GALVANIC ISOLATION	No
CAN FD	No
ON-BOARD RX BUFFER	Yes
IP CLASS	IP40

The information herein is subject to change without notice