



Kvaser USBcan II HS/SWC

EAN: 73-30130-00231-9

The Kvaser USBcan II HS/SWC 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 Single-Wire CAN (SAE J2411). A flexible way to connect your desktop or laptop 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 Single Wire CAN channel (SAE J2411).
- 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/SWC

STATUS	Active
PC INTERFACE	USB
CURRENT CONSUMPTION	5V and ca. 130mA if powered from the USB side. Ca. 850mW (9 – 30V DC) if powered from the CAN bus connector
DATABASE DBC SUPPORT	No
GALVANIC ISOLATION	No
ERROR FRAME GENERATION	Yes
CLOCK SYNC	No
# OF CAN CHANNELS	2
RUGGED	No
CLOCK SYNC	No
ERROR COUNTERS READING	Yes
CAN FD	No
SOUND	No
MSGRATE TX MAX	6000
ERROR COUNTERS READING	Yes
HEIGHT (MM)	25
MSGRATE RX MAX	12000
PLAY BACK LOG FILE	No
CONNECTOR	DSUB 9
OPERATING SYSTEM	Win 10,Win Vista, Linux,Win 8,Win 7,Win XP
CB BOARD	No
API, LICENCED	None
SILENT MODE	Yes
ON-BOARD BUFFER	Yes
SILENT MODE	Yes
CURRENT CONSUMPTION	USB~5V130mACAN850mW



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# OF CAN CHANNELS	2
LENGTH (MM)	90
WEIGHT (G)	150.0
TIMESTAMP RESOLUTION (US)	30
CB BOARD	No
WIDTH (MM)	50
MSGRATE TX MAX	6000
WEIGHT (G)	150.0
ON-BOARD TX BUFFER	Yes
ERROR FRAME DETECTION	Yes
MSGRATE RX MAX	12000
API, LICENCED	
IP CLASS	IP40
EMBEDDED SCRIPT	No
NETWORK CHANNEL(S)	1 x CAN HS,1 x CAN SWC
ON-BOARD RX BUFFER	Yes
CAN FD	No
API, FREE	Kvaser API, J2534, RP 1210
MINIMUM BITRATE (KBPS)	20
OPERATING SYSTEM	Win 10,Win Vista,Linux,Win 8,Win 7,Win XP
STATUS	Active
PRODUCT GROUPS	USBcan
ERROR FRAME DETECTION	Yes
ERROR FRAME GENERATION	Yes
IP CLASS	IP65
EMBEDDED SCRIPT	No
CASING MATERIAL	PC-ABS
RUGGED	No

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ON-BOARD TX BUFFER	Yes
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
CONNECTOR	DSUB 9
IP CLASS	IP40
API, FREE	Kvaser API, J2534, RP1210
SOUND	No
ON-BOARD BUFFER	Yes
GALVANIC ISOLATION	No
TIMESTAMP RESOLUTION (US)	30
ON-BOARD RX BUFFER	Yes
LENGTH (MM)	90
NETWORK CHANNEL(S)	1 x CAN HS,1 x CAN SWC
PRODUCT GROUPS	USBcan
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
MAXIMUM BITRATE (KBPS)	1000
HEIGHT (MM)	25
MAXIMUM BITRATE (KBPS)	1000
CERTIFICATIONS	CE,RoHS
CASING MATERIAL	PC-ABS
PC INTERFACE	USB
CERTIFICATIONS	CE,RoHS
WIDTH (MM)	50
MINIMUM BITRATE (KBPS)	20

The information herein is subject to change without notice