



Kvaser Leaf SemiPro SWC

EAN: 73-30130-00263-0

Kvaser Leaf SemiPro is a one channel USB interface for Single Wire CAN (SAE J2411). It offers the possibility to easily connect several interfaces to a PC. The time-stamping is synchronized through Kvaser MagiSync™, providing flexibility and making it perfect for multi-channel applications. Includes Galvanic Isolation for protection against voltage spikes.

Major Features

- Supports Single Wire CAN networks (SAE J2534).
- Automatic and accurate clock synchronization between several Kvaser Leaf SemiPro interfaces through Kvaser MagiSync™. The technical solution is unique and patented by Kvaser.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Supports silent mode for analyzing tools.
- Low power consumption.
- Polyurethane cabling for extreme environments.



- Galvanic isolation of the CAN bus driver stage to protect the hardware.
- Equipped with a 110 cm (44 in.) long USB cable and a 30 cm (12 in.) long CAN cable.
- Interfaces the CAN bus with a 9-pin D-SUB connector.
- Designed for USB 2.0, backward compliant with USB 1.1.
- Support for SocketCAN, see linux.org for details.
- Quick and easy Plug-and-Play installation.

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 LEAF SEMIPRO SWC

NETWORK CHANNEL(S)	1 x CAN SWC
SILENT MODE	Yes
EMBEDDED SCRIPT	No
WIDTH (MM)	25
IP CLASS	IP40
SOUND	No
ERROR FRAME DETECTION	Yes
SILENT MODE	Yes
CLOCK SYNC	Yes
IP CLASS	IP40
RUGGED	No
CAN FD	No
ON-BOARD RX BUFFER	No
TIMESTAMP RESOLUTION (US)	25
GALVANIC ISOLATION	Yes
WEIGHT (G)	100.0
API, LICENCED	None
ON-BOARD RX BUFFER	Yes
ON-BOARD TX BUFFER	Yes
CONNECTOR	DSUB 9
PROMOTIONAL_TEXT	Single channel USB-to-CAN PC interface for Single Wire CAN (SAE J2411).
ERROR FRAME DETECTION	Yes
MINIMUM BITRATE (KBPS)	5
ON-BOARD BUFFER	Yes
MAXIMUM BITRATE (KBPS)	100
CONNECTOR	DSUB 9

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LENGTH (MM)	100
MSGRATE RX MAX	2000
WIDTH (MM)	25
RUGGED	No
WEIGHT (G)	100.0
CASING MATERIAL	Glass Fiber Reinforced PA6
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
CURRENT CONSUMPTION	Typical 70mA
MSGRATE RX MAX	2000
CERTIFICATIONS	CE, RoHS
PC INTERFACE	USB
# OF CAN CHANNELS	1
CB BOARD	No
NETWORK CHANNEL(S)	1 x CAN SWC
MSGRATE TX MAX	2000
ON-BOARD BUFFER	Yes
API, LICENCED	
CAN FD	No
DATABASE DBC SUPPORT	No
SOUND	No
EMBEDDED SCRIPT	No
CASING MATERIAL	PA6
ERROR COUNTERS READING	No
API, FREE	Kvaser API, J2534, RP1210
LENGTH (MM)	100
# OF CAN CHANNELS	1
OPERATING SYSTEM	Win XP, Linux, Win 7, Win Vista, Win 10, Win 8
PC INTERFACE	USB

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HEIGHT (MM)	20
CB BOARD	No
STATUS	Active
API, FREE	Kvaser API, J2534, RP 1210
ERROR FRAME GENERATION	Yes
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
PRODUCT GROUPS	Leaf
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
CERTIFICATIONS	CE,RoHS
GALVANIC ISOLATION	Yes
CLOCK SYNC	No
CURRENT CONSUMPTION	70mA
MSGRATE TX MAX	2000
MAXIMUM BITRATE (KBPS)	100
PRODUCT GROUPS	Leaf
MINIMUM BITRATE (KBPS)	5
ERROR FRAME GENERATION	Yes
HEIGHT (MM)	20
ERROR COUNTERS READING	No
TIMESTAMP RESOLUTION (US)	25
ON-BOARD TX BUFFER	No
STATUS	Active

The information herein is subject to change without notice