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 elinux.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

RUGGED	No
API, LICENCED	None
PRODUCT GROUPS	Leaf
SILENT MODE	Yes
SOUND	No
API, FREE	Kvaser API, J2534, RP 1210
PROMOTIONAL_TEXT	Single channel USB-to-CAN PC interface for Single Wire CAN (SAE J2411).
MSGRATE RX MAX	2000
PC INTERFACE	USB
ERROR FRAME DETECTION	Yes
EMBEDDED SCRIPT	No
LENGTH (MM)	100
NETWORK CHANNEL(S)	1 x CAN SWC
CASING MATERIAL	Glass Fiber Reinforced PA6
ON-BOARD BUFFER	Yes
CLOCK SYNC	Yes
CB BOARD	No
HEIGHT (MM)	20
ERROR COUNTERS READING	No
IP CLASS	IP40
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
CAN FD	No
CURRENT CONSUMPTION	Typical 70mA
CERTIFICATIONS	CE,RoHS
# OF CAN CHANNELS	1
STATUS	Active

CONNECTOR	DSUB 9
ON-BOARD RX BUFFER	Yes
ON-BOARD TX BUFFER	Yes
MINIMUM BITRATE (KBPS)	5
OPERATING SYSTEM	Win XP,Linux,Win 7,Win Vista,Win 10,Win 8
MAXIMUM BITRATE (KBPS)	100
WEIGHT (G)	100.0
TIMESTAMP RESOLUTION (US)	25
ERROR FRAME GENERATION	Yes
WIDTH (MM)	25
DATABASE DBC SUPPORT	No
GALVANIC ISOLATION	Yes
MSGRATE TX MAX	2000

The information herein is subject to change without notice