Kvaser Leaf SemiPro HS

EAN: 73-30130-00242-5

Kvaser Leaf SemiPro is a one channel USB interface for High Speed CAN (ISO 11898-2). 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

- Automatic and accurate clock synchronization between several Kvaser Leaf SemiPro interfaces through Kvaser MagiSync™. The technical solution is unique and patented by Kvaser.
- Handles up to 15,000 messages per second, time-stamped and synchronized with a precision of 25 microsecond.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.
- Reliable error handling.
- Supports silent mode for analyzing tools.

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- Low power consumption.
- Excellent EMC performance.
- Galvanic isolation of the CAN bus driver stage to protect the hardware.
- Labeled CAN channel for easy identification of the supported physical layer.
- 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, seelinux.orgfor details.
- Quick and easy Plug-and-Play installation.
- A practically unlimited number of Kvaser Leafs can be connected via standard USB hubs for simultaneous use on a single PC.

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.

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- On-line documentation in Windows HTML-Help and Adobe Acrobat format.

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TECHNICAL DATA - KVASER LEAF SEMIPRO HS

CURRENT CONSUMPTION	70mA
CASING MATERIAL	PA6
ERROR FRAME DETECTION	Yes
SOUND	No
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
ERROR COUNTERS READING	No
SOUND	No
GALVANIC ISOLATION	Yes
SILENT MODE	Yes
MAXIMUM BITRATE (KBPS)	1000
MINIMUM BITRATE (KBPS)	5
CERTIFICATIONS	CE,RoHS
CLOCK SYNC	Yes
ON-BOARD TX BUFFER	Yes
CAN FD	No
ON-BOARD BUFFER	Yes
# OF CAN CHANNELS	1
STATUS	Active
RUGGED	No
PC INTERFACE	USB
ON-BOARD RX BUFFER	No
ERROR FRAME GENERATION	Yes
TIMESTAMP RESOLUTION (US)	25
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
OPERATING SYSTEM	Win XP,Linux,Win 7,Win Vista,Win 10,Win 8
CONNECTOR	DSUB 9
ON-BOARD TX BUFFER	Yes

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ERROR FRAME DETECTION	Yes
WEIGHT (G)	100.0
PLAY BACK LOG FILE	No
HEIGHT (MM)	20
CURRENT CONSUMPTION	Typical 70mA
API, FREE	Kvaser API, J2534, RP 1210
MSGRATE TX MAX	15000
LENGTH (MM)	100
DATABASE DBC SUPPORT	No
CB BOARD	No
MSGRATE RX MAX	15000
STATUS	Active
CAN FD	No
PRODUCT GROUPS	Leaf
WEIGHT (G)	100.0
MINIMUM BITRATE (KBPS)	5
CB BOARD	No
ON-BOARD RX BUFFER	Yes
WIDTH (MM)	25
RUGGED	No
LENGTH (MM)	100
NETWORK CHANNEL(S)	1 x CAN HS
API, FREE	Kvaser API, J2534, RP1210
PC INTERFACE	USB
OPERATING SYSTEM	Win XP,Linux,Win 7,Win Vista,Win 10,Win 8
API, LICENCED	None
CERTIFICATIONS	CE,RoHS
IP CLASS	IP40

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# OF CAN CHANNELS	1
PRODUCT GROUPS	Leaf
MSGRATE TX MAX	15000
API, LICENCED	
EMBEDDED SCRIPT	No
ON-BOARD BUFFER	Yes
HEIGHT (MM)	20
EMBEDDED SCRIPT	No
NETWORK CHANNEL(S)	1 x CAN HS
ERROR FRAME GENERATION	Yes
IP CLASS	IP40
CASING MATERIAL	Glass Fiber Reinforced PA6
CONNECTOR	DSUB 9
MSGRATE RX MAX	15000
CLOCK SYNC	Yes
SILENT MODE	Yes
TIMESTAMP RESOLUTION (US)	25
ERROR COUNTERS READING	No
MAXIMUM BITRATE (KBPS)	1000
WIDTH (MM)	25
GALVANIC ISOLATION	Yes

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