Kvaser Leaf Light HS v2 CB

EAN: 73-30130-00733-8

The Leaf Light v2 CB is the bare circuit board version of Kvaser's popular Leaf Light v2 interface - a single-channel, high speed, USB-to-CANbus interface. Having made its name as the work-horse of USB to CAN interfaces, Kvaser's Leaf Light product series provides reliable, low cost connection to the PC.

Major Features

- The Kvaser Leaf Light HS V2 CB is a high speed USB interface for CAN that offers loss free transmission and reception of standard and extended CAN messages on the CAN bus.
- Both USB and CAN are connected using 6-way connectors and mate with Molex 51021 PicoBladeTM (e.g. housing 51021-0600 and terminal 50079-8000).
- 8000 messages per second, each time-stamped with 100 microsecond accuracy.
- Supports both 11-bit (CAN 2.0A) and 29-bit (CAN 2.0B active) identifiers.

- High-speed CAN connection (compliant with ISO 11898-2), up to 1 Mbit/s.
- Galvanic isolation, enhancing protection from power surges or electrical shocks.
- Local buffering and preprocessing results in high performance and a reduction of time critical tasks for the 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.
- On-line documentation in Windows HTML-Help and Adobe Acrobat format.

TECHNICAL DATA - KVASER LEAF LIGHT HS V2 CB

ERROR COUNTERS READING	No
ERROR FRAME DETECTION	Yes
CAN FD	No
CB BOARD	Yes
MAXIMUM BITRATE (KBPS)	1000
SOUND	No
IP CLASS	IP00
DATABASE DBC SUPPORT	No
SILENT MODE	No
LENGTH (MM)	100
TIMESTAMP RESOLUTION (US)	100
HEIGHT (MM)	5
API, FREE	Kvaser API, J2534, RP 1210
GALVANIC ISOLATION	Yes
PRODUCT GROUPS	Leaf
OPERATING TEMPERATURE RANGE (C)	-20.00 to 75.00
WEIGHT (G)	100.0
CURRENT CONSUMPTION	90mA
WIDTH (MM)	25
MSGRATE RX MAX	8000
RUGGED	No
PC INTERFACE	USB
ON-BOARD RX BUFFER	No
STATUS	Active
MINIMUM BITRATE (KBPS)	40
CASING MATERIAL	PA66
MSGRATE TX MAX	8000

ON-BOARD TX BUFFER	No
NETWORK CHANNEL(S)	1 x CAN HS
OPERATING SYSTEM	Linux,Win Vista,Win 10,Win 8,Win 7,Win XP
CONNECTOR	MOLEX 6-PIN
ERROR FRAME GENERATION	No
EMBEDDED SCRIPT	No
CLOCK SYNC	No
PLAY BACK LOG FILE	No
ON-BOARD BUFFER	Yes
CERTIFICATIONS	CE,RoHS
# OF CAN CHANNELS	1
API, LICENCED	None

The information herein is subject to change without notice