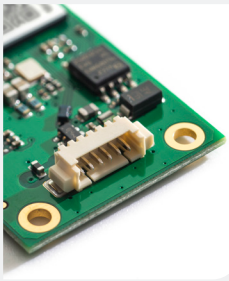
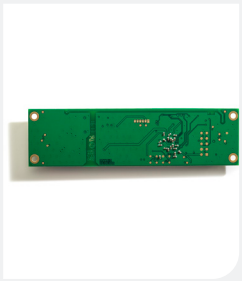
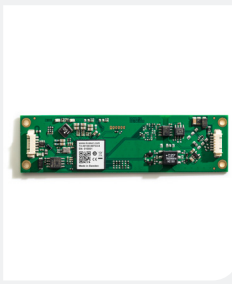
KVASER
Advancing connectivity

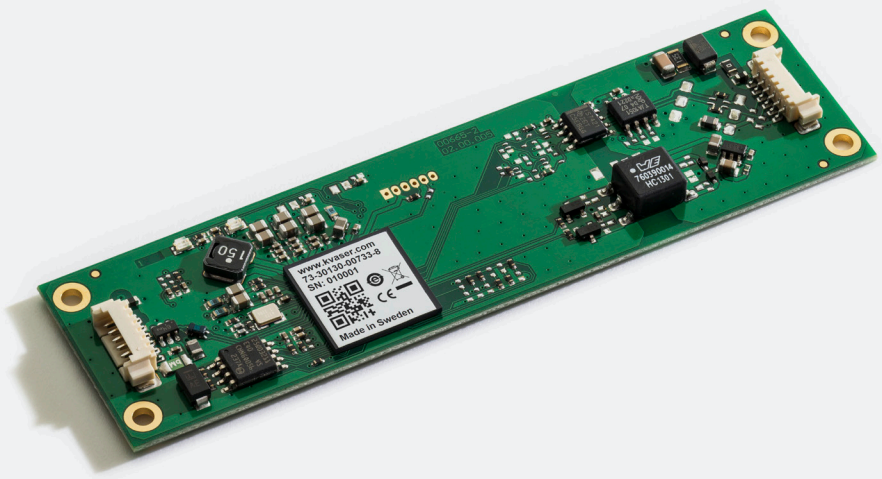
# Kvaser Leaf Light HS v2 CB

Learn more about this product










## Your Gateway to Efficient Connectivity

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 workhorse of USB to CAN interfaces, Kvaser's Leaf Light product series provides reliable, low cost connection to the PC.

**Warranty**
2-Year warranty. See our general conditions and policies for details.

**Support**
Free support for all products by contacting support@kvaser.com

**EAN**
73-30130-00733-8

Ref. No. 98328-1 v. 2.0

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# Kvaser Leaf Light HS v2 CB

## 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 510210600 and terminal 50079-8000).
- 8000 messages per second, each timestamped with 100 microsecond accuracy.
- Supports both 11-bit (CAN 2.0A) and 29bit (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.
- Compatible with J1939, CANopen, NMEA 2000® and DeviceNet. Higher layer protocol translation handled by the user's application. For software support please see our Technical Associates products and our Software Download page (www.kvaser.com).

## Support

Documentation, Kvaser SDK and drivers can be downloaded for free at www.kvaser.com/downloads.

Kvaser 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, Visual Basic, Python and t programming language.

Kvaser CAN hardware is built around the same common software API. Applications developed using one device type will run without modification on other device types.

## Technical Data

| | |
|---|---|
| **Bit Rate** | 40-1000 kbps |
| **Certificates** | CE, RoHS |
| **Channels** | 1 |
| **Connector** | Molex Picoblade TM |
| **Current Consumption** | Typical 90 mA |
| **Dimensions** | 27 x 100 x 5 mm |
| **Error Frame Generation** | No |
| **Error Counters Reading** | No |
| **Galvanic Isolation** | Yes |
| **Interfaces** | USB, CAN |
| **Material** | PA66 |
| **Messages Per Second Receive** | 8000 mps |
| **Messages Per Second Sending** | 8000 mps |
| **Operating Systems** | Linux, Windows [1] |
| **Silent Mode** | No |
| **Temperature Range** | -20 to +70 °C |
| **Timestamp** | 100 |
| **Weight** | 10 g |

[1] Windows 7, 8, 10 (IA-32 and x86-64)
Windows 11 (x86-64)

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