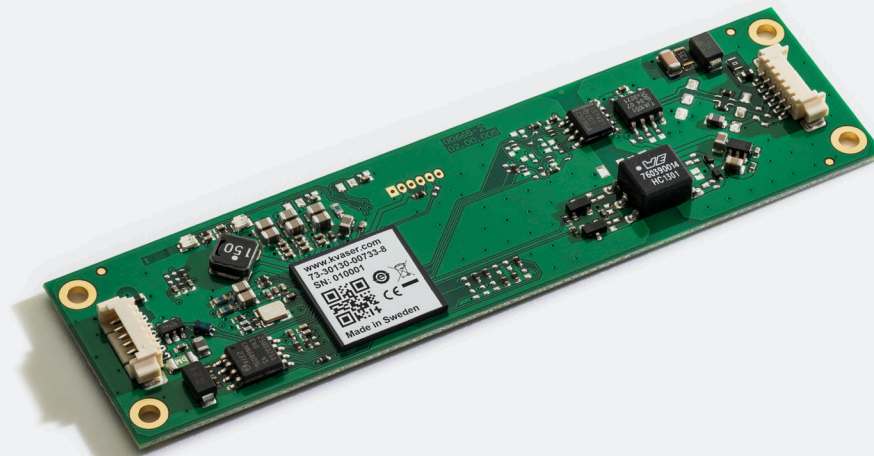
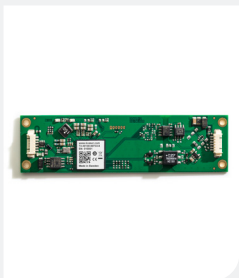
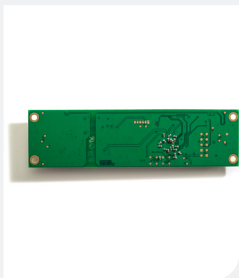
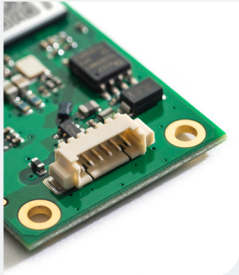




Learn more about  
this product



## 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](mailto:support@kvaser.com)



### EAN

73-30130-00733-8

## 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 PicoBlade™ (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](http://www.kvaser.com)).

## Support

Documentation, Kvaser SDK and drivers can be downloaded for free at [www.kvaser.com/downloads](http://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 script 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

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

<sup>1</sup> Windows 7, 8, 10 (IA-32 and x86-64)  
Windows 11 (x86-64)