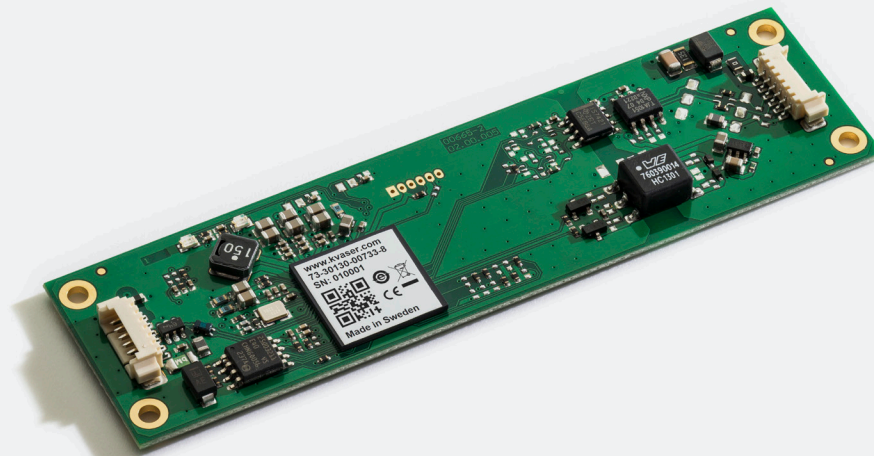
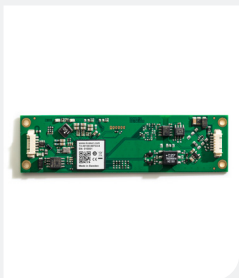
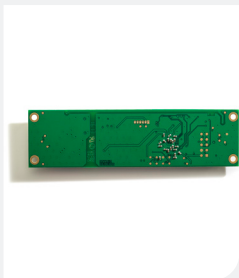
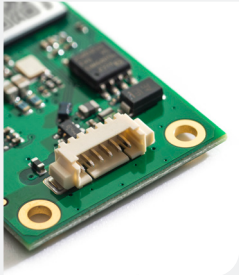




Learn more about  
this product



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

|                                    |                  |
|------------------------------------|------------------|
| <b>Bit Rate</b>                    | 40-1000 kbps     |
| <b>Certificates</b>                | CE, RoHS         |
| <b>Channels</b>                    | 1                |
| <b>Connector</b>                   | Molex Picoblade™ |
| <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>Silent Mode</b>                 | No               |
| <b>Temperature Range</b>           | -20 to +70 °C    |
| <b>Timestamp</b>                   | 100              |
| <b>Weight</b>                      | 10 g             |