Kvaser Hybrid 2xCAN/LIN

EAN: 73-30130-00965-3

Kvaser Hybrid 2xCAN/LIN is a flexible, dual channel interface that allows each channel to be assigned independently as CAN or LIN. This makes the Kvaser Hybrid 2xCAN/LIN a must-have 'universal interface' for every engineer involved in automotive communications!

With a standard USB connector and two CAN/LIN channels in two separate 9-pin D-SUB connectors, this interface can connect a PC to two CAN buses, two LIN buses, or one CAN and one LIN bus.

Feature List:

- Supports High Speed CAN (ISO 11898-2) up to 1Mbit/s and LIN 2.2A (ISO 17987 Part 1-7) up to 20 kbit/s.
- Capable of sending up to 20000 messages per second, per CAN channel.

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- Supports CAN FD up to 5Mbit/s (with proper physical layer implementation).
- Quick and easy plug-and-play installation.
- Supports CAN 2.0 A and CAN 2.0 B active.
- USB powered (bus V+ reference required for LIN).
- LEDs indicate device status and bus activity.
- Galvanically isolated CAN buses.
- Fully compatible with J1939, CANopen, NMEA 2000 and DeviceNet.
- Supplied with Kvaser CANlib and Kvaser LINlib, free software APIs that are common to all Kvaser hardware and enable the channels to be configured intuitively and fast.
- Extended operating temperature range from -40 to 85 °C.
- Support forSocketCAN, see elinux.org for details.

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, Java, Python 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!

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- J2534 Application Programming Interface available.
- RP1210A Application Programming Interface available.

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TECHNICAL DATA - KVASER HYBRID 2XCAN/LIN

ERROR FRAME DETECTION	Yes
CAN FD	Yes
CB BOARD	No
CLOCK SYNC	No
NETWORK CHANNEL(S)	2x CAN/LIN,2 x CAN/LIN
ON-BOARD RX BUFFER	No
WIDTH (MM)	50
TIMESTAMP RESOLUTION (US)	50
CASING MATERIAL	PA66
EMBEDDED SCRIPT	No
MSGRATE TX MAX	20000
RELEASE DATE	26/10/2018
MAGISYNC	No
ERROR FRAME GENERATION	No
MINIMUM BITRATE (KBPS)	50
IP CLASS	IP40
OPERATING TEMPERATURE RANGE (C)	-40.00 to 85.00
ON-BOARD BUFFER	Yes
CURRENT CONSUMPTION	Max 280 mA
RUGGED	No
MSGRATE RX MAX	20000
PC INTERFACE	USB
WEIGHT (G)	170.0
API, FREE	Kvaser API, J2534, RP 1210
ERROR COUNTERS READING	No
PRODUCT GROUPS	LIN,Hybrid
LENGTH (MM)	170

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Kvaser Hybrid 2xCAN/LIN

CERTIFICATIONS	CE,RoHS
LIN BITRATE (KBPS)	1-20
OPERATING SYSTEM	Win XP,Linux,Win 7,Win Vista,Win 10,Win 8
HEIGHT (MM)	20
SOUND	No
GALVANIC ISOLATION	Yes
PROMOTIONAL_TEXT	Flexible, dual channel interface for CAN/CAN FD and LIN.
ON-BOARD TX BUFFER	No
CONNECTOR	DSUB 9
MAXIMUM BITRATE (KBPS)	1000
STATUS	Active
SILENT MODE	No
# OF CAN CHANNELS	2

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