

PCAN-USB

Part No: MPPK-CAN-U2C-PCAN-USB

Part No: MPPK-CAN-U2C-PCAN-USB/ISO

(opto-decoupled)



The PCAN-USB adapter enables simple connection to CAN networks. Its compact plastic casing makes it suitable for mobile applications.

The opto-decoupled version guarantees galvanic isolation of up to 500 Volts between the PC and the CAN sides.

The package is also supplied with the CAN monitor PCAN-View for Windows® and the programming interface PCAN-Basic.

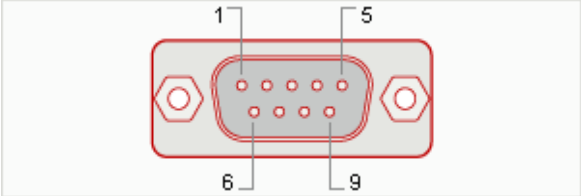
Specifications

- Transfer rates up to 1 Mbit/s
- Compliant with CAN specifications 2.0A (11-bit ID) and 2.0B (29-bit ID)
- CAN bus connection via D-Sub, 9-pin (in accordance with CiA® 102)
- NXP SJA1000 CAN controller, 16 MHz clock frequency
- NXP PCA82C251 CAN transceiver
- 5-Volts supply to the CAN connection can be connected through a solder jumper, e.g. for external transceiver
- USB voltage supply

Optionally available:

- Galvanic isolation on the CAN connection up to 500 V

Pin assignment D-Sub	Pin	Pin assignment
	1	Not connected / optional +5 V
	2	CAN-L
	3	GND
	4	Not connected
	5	Not connected
	6	GND
	7	CAN-H
	8	Not connected
	9	Not connected / optional +5 V



The diagram shows a 9-pin D-Sub connector with a red outline. The pins are arranged in two rows. The top row has pins 1, 2, 3, 4, 5 from left to right. The bottom row has pins 6, 7, 8, 9 from left to right. Pins 1, 5, 6, and 9 are specifically labeled with lines pointing to them.

Scope of supply

- PCAN-USB in plastic casing
- Device drivers for Windows® 7/Vista/XP/Linux (32/64-bit)
- Device driver for Windows® CE 6.x (x86 and ARMv4 processor support)
- PCAN-View CAN monitor for Windows® Details ...
- PCAN-Basic programming interface consisting of an interface DLL, examples, and header files for all common programming languages Details ...
- Manual in PDF format

Downloads

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PCAN-USB package contains device drivers for Windows® 7/Vista/XP (32/64Bit), the PCAN-Light API, and the PCAN-View CAN monitor software

PCAN-USB manual in PDF format (German)

PCAN-USB manual in PDF format (English)

PCAN-Linux device driver for PEAK CAN interfaces from Kernel 2.4 and higher

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