Product Information

Kvaser USBcan II

USB to CAN Bus Interface

The Kvaser USBcan II provides a dual channel CAN-bus interface through a standard universal serial bus interface. The USBcan II HS/HS can be ordered with two high speed channels (TJA1050 (251) compliant) or with one high speed and one low speed (TJA1054 compliant) channel.

Major features in USBcan II

- One device for desktop, laptop and PDA (devices needs a USB port).
- Quick and easy plug-and-play installation.
- Supports both 11-bit (CAN2.0A and 29-bit (CAN 2.0B actice) identifiers.
- CAN messages are time-stamped with 10 microseconds resolution.
- Large on-board RAM buffer for CAN message.
- Automatically switches power supply between CAN (primary) and USB (secondary), to reduce power drain for Laptop battery.
- Supports “listen-only” mode for analyzing tools.
- Driver supports for major operating systems.
- 100% compatible with applications written for LAPcan, PCIcan and Pccan with Kvaser’s CANlib.
- One CAN connection ISO-11898 High speed, 50 kbit/s up to 1 Mbit/s (e.g. Philips Ja1050).
- Excellent EMC performance.
- Optional, second CAN connection that can be either low-speed (e.g. Philips TJA1054) or high speed (ISO-11898).

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- One USB 1.1 connection (12 Mbit/s) and USB 2.0 compliant
- Power from CAN-bus or from the USB side.
- Built-in realtime clock.

Application support

Kvaser CanKing™
ATI Vision™
ATO Apollo ™
Warwick X-analyzer™
Vector CANalayzer ™
Vector CANoe ™
Vector CANape ™
National Instruments LabView ™
National Instruments DIAdem™
VAT2000 ™
Xtm™ ***(distributed by agostec)***

Supported Operating Systems

Windows 98 ™
Windows ME ™
Windows 2000 ™
Windows XP™

Additional software and documentation

- CANlib SDK code libraries and sample programs.
- On-line documentation in Windows HTML-Help and Adopbe Acrobat format.

Documentation software and drivers can be downloaded for free at
www.kvaser.com

Product versions:

USBcan II HS/HS	Item No. 00159-6
USBcan II HS/LS	Item No. 00174-9
USN`Bcan II HS/SWC	Item No. 00231-9