



Kvaser PCcan 4xHS

EAN: 73-30130-00049-0

The PCcan provides a CAN interface for ISA bus computers that supports 8-bit transfers.

## Hardware

- The board is a quarter-size (length 135 mm) 8-bit ISA bus board and occupies 64 bytes of I/O space. The base address can be any of 200H, 240H, 300H, and 340H. The interrupt signal on the CAN controllers can be connected - under software control - to any one of IRQ2/9, IRQ3, and IRQ5 on the ISA bus.
- The original 16 MHz oscillator may be replaced with an oscillator of frequency range 1-24 MHz to obtain the required bit rate on the bus. The PCcan 4xHS board draws approximately 600 mA at 5V.
- The industry-standard CAN controllers on the PCcan cards are directly accessible to the programmer. This makes the cards suitable for cross-platform development: you can develop your software on your PC



and then move it, with a minimum of changes, to your embedded system

- The CAN controllers support CAN 2.0 A and 2.0 B (active.) The CAN bus drivers supports the standard, high-speed ISO11898 physical layer.

### **External Connector**

- The outputs from the CAN circuits are connected to female D-SUB connectors via optocouplers and bus drivers (Philips 82C251, conforming to ISO 11898).
- The connectors provide the voltage feed for the bus section ( optocouplers and driver circuits). Alternatively the PC is used as power source; however this gives no galvanic separation between the computer and the CAN bus.
- On the PCcan 4xHS card, it is possible to connect all the 4CAN in/outputs to a common CAN bus, which is also connected to the CAN-connector.



## TECHNICAL DATA - KVASER PCCAN 4XHS

CAN FD	No
DATABASE DBC SUPPORT	No
CIRCUIT BOARD	No
ERROR FRAME GENERATION	No
GALVANIC ISOLATION	Yes
SILENT MODE	Yes
IP CLASS	IP00
PRODUCT GROUPS	
ERROR COUNTERS READING	Yes
EMBEDDED SCRIPT	No
CASING MATERIAL	N/A
ON-BOARD TX BUFFER	N/A
OPERATING SYSTEM	Win XP,Linux,Win 7,Win Vista,Win 10,Win 8
ON-BOARD BUFFER	No
SOUND	No
PC INTERFACE	ISA
MINIMUM BITRATE (KBPS)	N/A
WIDTH (MM)	120
LENGTH (MM)	100
HEIGHT (MM)	20
OPERATING TEMPERATURE RANGE (C)	-40 °C to +85 °C
MSGRATE TX MAX	N/A
API, FREE	Kvaser API, J2534, RP1210
CERTIFICATIONS	CE
STATUS	Obsolete
INVENTORY	Call Us
TIMESTAMP RESOLUTION (US)	1



## Kvaser PCcan 4xHS

RUGGED	No
NETWORK CHANNEL(S)	4 x CAN HS
MSGRATE RX MAX	N/A
# OF CAN CHANNELS	4
ON-BOARD RX BUFFER	N/A
ERROR FRAME DETECTION	Yes
CONNECTOR	DSUB 25
API, LICENCED	None
MAXIMUM BITRATE (KBPS)	1000
WEIGHT (G)	100.0
CURRENT CONSUMPTION	N/A
CLOCK SYNC	No

The information herein is subject to change without notice