



Kvaser PCcan HS

EAN: 73-30130-00050-6

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 HS

ERROR COUNTERS READING	Yes
CERTIFICATIONS	CE
PRODUCT GROUPS	
OPERATING SYSTEM	Win XP,Linux,Win 7,Win Vista,Win 10,Win 8
ON-BOARD TX BUFFER	N/A
INVENTORY	Call Us
IP CLASS	IP00
MSGRATE RX MAX	N/A
HEIGHT (MM)	20
NETWORK CHANNEL(S)	1 x CAN HS
API, LICENCED	None
ERROR FRAME DETECTION	Yes
OPERATING TEMPERATURE RANGE (C)	-40 °C to +85 °C
WIDTH (MM)	120
STATUS	Obsolete
API, FREE	Kvaser API, J2534, RP1210
ON-BOARD RX BUFFER	N/A
SILENT MODE	Yes
MAXIMUM BITRATE (KBPS)	1000
PC INTERFACE	ISA
ON-BOARD BUFFER	No
# OF CAN CHANNELS	1
CASING MATERIAL	N/A
CAN FD	No
CURRENT CONSUMPTION	N/A
ERROR FRAME GENERATION	No
SOUND	No



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MSGRATE TX MAX	N/A
WEIGHT (G)	100.0
LENGTH (MM)	65
GALVANIC ISOLATION	Yes
EMBEDDED SCRIPT	No
RUGGED	No
MINIMUM BITRATE (KBPS)	N/A
TIMESTAMP RESOLUTION (US)	1
CIRCUIT BOARD	No
CONNECTOR	DSUB 9
CLOCK SYNC	No
DATABASE DBC SUPPORT	No

The information herein is subject to change without notice