

Flexible Access to J1708 Networks

CANcaseXL and CANboardXL support SAE J1708/J1587

Stuttgart, 02-02-2007 – The flexible bus interfaces CANcaseXL, CANboardXL and CANboardXL PCIe from Vector now also support the SAE J1708/J1587 physical layer. They give developers of commercial vehicle networks hardware access to the J1708 bus via the USB, PCI or PCI Express port on a PC or notebook computer.



Interchangeable boards enable quick and easy switching of the Physical Layer on the CANcaseXL and CANboardXL. Effective immediately such a piggyback board is also available for the bus physics of J1708 networks. Since a CANcaseXL or CANboardXL can accept up to two piggyback boards, the bus interface is also well-suited for use as a gateway. In particular, simultaneous use of a CAN piggy and a J1708 piggy turn the CANcaseXL or CANboardXL bus interface into a universal measurement instrument for use in the commercial vehicle field. In combination with the tool CANoe/CANalyzer.J1587 the user simulates and analyzes J1708/J1587 systems. The CANoe/CANalyzer.J1587 tool enables system-wide communication analysis, since in practice it is common for multiple networks to be used in the vehicle, such as J1939 and LIN.



[Caption: Flexible access to J1708 networks with the bus interfaces CANcaseXL, CANboardXL and CANboardXL PCIe]

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About Vector Informatik GmbH (Revised: 02/01/2007):

Vector Informatik is the leading producer of software tools and components for networking in electronic systems based on CAN, LIN, MOST and FlexRay as well as a number of CAN-based protocols.

This know-how is conveyed in the form of products or as a comprehensive consultation package with system and software engineering. Workshops and seminars round out our multifaceted training program.

Worldwide customers in the automotive, heavy-duty vehicle, transport and control engineering fields rely on solutions and products from the autonomous and independently-owned Vector Group.

Vector Informatik, founded in 1988, currently employs 680 people together with Vector Consulting GmbH and in the year 2005 achieved sales of 89 million euros. In addition to its headquarters in Stuttgart, Vector Informatik also has an international presence with subsidiaries in the USA, Japan, France and Sweden.