

ValueCAN 4-2

Software Support: Create Your Application Using the Included Intrepid DLL API, J2534 API, or RP1210 API

For those who wish to write their own applications, the ValueCAN 4 includes a DLL and helpful examples for Python, Visual C++, C++ Builder, LabWindows CVI, LabVIEW, Java, MATLAB, Delphi, Excel, and Visual Basic. For more information on the DLL, please see the neoVI DLL documentation (the ValueCAN4 uses the neoVI DLL).

General Specifications:

- USB OS support: Windows 7 / 8 / 8.1/ 10 and Linux (Linux coming soon)
- Fully USB-powered with electrical isolation
- Industry-standard 9-pin D-sub connector pinout
- Integrated 1 meter USB cable with Type-A and Type-C options
- LEDs indicate transmission or reception of CAN traffic as well as error states for each channel
- LED-illuminated strain relief on USB cable for USB status
- J2534 compliant for CAN and ISO15765
- RP1210 compliant for CAN and J1939
- Field-upgradeable flash firmware
- Vehicle Spy Trial setup tool for baud rates
- CE compliant
- One-year limited warranty
- Dimensions: 6.4 × 4.1 × 2.1 cm (2.52" × 1.60" × 0.82")
- Weight: 91 g (0.20 lb)

Network Specifications – CAN

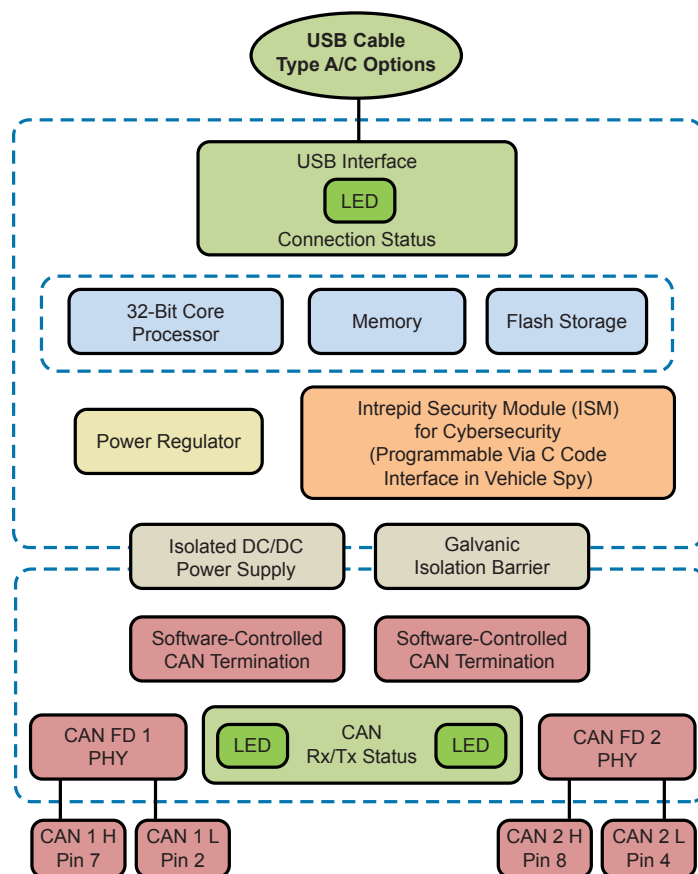
- 2x CAN FD / CAN 2.0 channels (Bosch MCAN core) with MCP MCP2562FD PHY
- Compatible with Device Net and CANopen
- Double-buffered CAN transmission
- Software selectable CAN termination
- CCP protocol hardware acceleration
- Listen-only mode support
- Termination check feature
- Error frame transmit support

Timing Specifications

- 64-bit timestamping to accuracy of 25 ns with no overflow
- Simultaneous operation on both CAN networks
- Transmit message double-buffering on all networks, allowing back-to-back message transmission

9-Pin Connector Pinout

Pin	Description	Pin	Description
1	NC	6	GND
2	CAN 1 Low	7	CAN 1 High
3	GND	8	CAN 2 High
4	CAN 2 Low	9	-
5	GND (Shield)		



Ordering Information

Part Number	Description
VCAN4-2A	ValueCAN 4-2 (Type-A USB)
VCAN4-2C	ValueCAN 4-2 (Type-C USB)

Specifications subject to change; please contact Intrepid for the latest information. All trademarks are the property of their respective owners.

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