



esd electronics, inc.

HARDWARE • SOFTWARE • ENGINEERING

CAN-USB

CAN-USB Mini Interface

- CAN-network at USB (Universal Serial Bus)
- Power supply by USB
- ALU-micro case



CAN-USB Mini

Powerful CAN-Interface for PC

The CAN-USB module is an intelligent CAN-Interface with a MB90F543 microcontroller for the local management of CAN-data guaranteeing security and consistency of data up to 1 Mbit/s.

CAN Interface

The fully compliant ISO 11898 CAN-interface allows a data-transfer rate of a maximum of 1 Mbit/s. The CAN-interface is electrically isolated from other potentials by means of opto-couplers and DC/DC converters, and like many other features of the CAN-interface, you can set the bit-rate by software

Software Support

Software drivers are available for Windows 2000XP, 98/ME,

Linux and other operating systems upon request. The firmware can be loaded from the PC into the flash EPROM.

CAN-Protocols

A software package for CANopen is available for Windows 2000, Windows 98/ME and Linux systems.

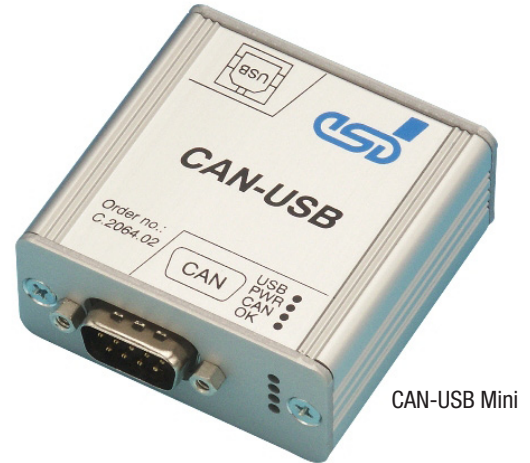
For further information please visit
<http://www.esd-electronics-usa.com/CAN%20Gateways.html>

growing with the
challenge

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Technical Specifications

USB-interface and Microcontroller	
USB-controller	PDI USBD12, bit rate 12 Mbit/s
Microcontroller	MB90F543
Memory	3 k x 16 bit SRAM, 64 K x 16 bit Flash EPROM
CAN interfaces	
CAN controller	MB90F543, CAN 2.0A/B
CAN-interface	Differential, electrically isolated, bit rate up to 1 Mbit/s, ISO11898
General	
Case dimensions	Approximately 55 x 55x 25 mm
Ambient temperature	0...50o C
Supply voltage	Via USB: 5V
Connectors	CAN: 9-pole DSUB (male)

For further information please visit
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Order Information

Designation		Order no.
CAN-USB-Mini	1x CAN, ISO11898	C.2064.02
License		
CAN-DRV-LCD	Object license CD-ROM for Windows & Linux	C.1101.02
Manual		
CAN-USB-ME	Hardware Manual	C.2064.21
CAN-API-ME	Software manual CAN-API	C.2001.21

