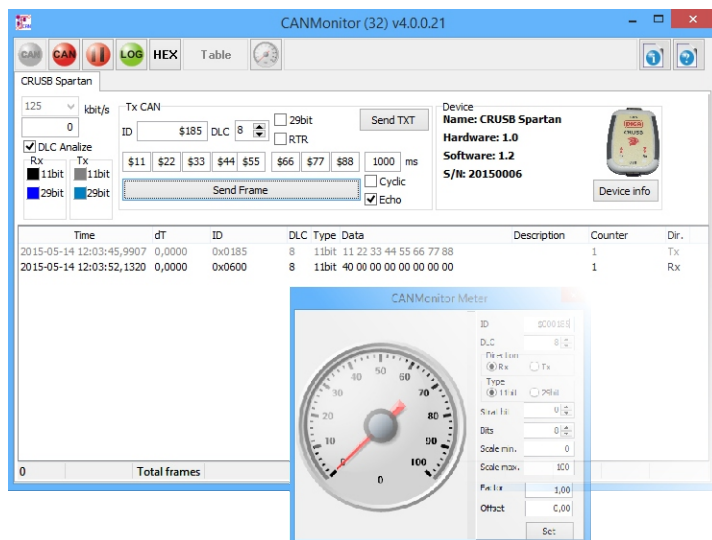


CRUSB Spartan

CRUSB Spartan

CAN/USB Converter



INTRODUCTION

CRUSB Spartan converter is designed for translating information from CAN2.0A and 2.0B standard to data stream transferred via USB. Due to small and rugged plastic casing and small energy consumption CRUSB Spartan is ideally suited for use with mobile computers. Converter is designed and produced according to highest quality standards and components. Every unit is tested. Tri-color LEDs for communication and errors indication. Converter provides precise time-stamps both for received and transmitted frames via USB..

Free of charge CANMonitor and dlls are available for user applications. Converter supports Windows, Linux, Android, Mac OS.

Advanced control of the CAN bus network is possible with CANStudio software which is complete tool for configuration, diagnostic and monitoring CANbus systems.

FEATURES

- CAN interface compatible to ISO11898 (PCA82C250)
- galvanic isolation of the CAN interface (3kV)
- ESD protection of the CAN and USB interface
- CAN controller CAN BOSCH C_CAN
- baud rate up to 1 Mbit/s
- errors and data flow indicated by LED
- power supply via USB
- firmware upgrade via USB
- command list is available for custom software design
- advanced CANStudio software for CAN is available
- CAN connector DB9 according to DR303 (CiA®)
- free CAN monitor software
- USB drivers supporting Windows, Linux, Android, Mac OS
- 32bit and 64bit DLLs
- serial terminal for Android

CRUSB Spartan

SPECIFICATIONS

Power supply	5V DC from USB port
Supply current	Typ. 80mA (max.250mA)
Galvanic isolation - CAN interface	3000V

Dimensions	50 x 80 x 18 mm
Housing material	ABS
Weight	45 ÷ 50 g
Protection class	IP 40
Operating temperature	-10°C ÷ +60°C
Storage temperature	-25°C ÷ +85°C
Operating humidity	10 - 90% RH, non-condensation

Microcontroller	48 MIPS
USB	FTDI zgodne z USB 2.0 (Full Speed, 12Mbps)
CAN Controller	BOSCH C_CAN (24/12/6 Mhz)
CAN Transceiver	High speed CAN zgodny z ISO 11898, typ PCA82C250

CAN connector	D-sub 9 pin, male
USB connector	B mini Type

ORDERING INFORMATION

CRUSB.SP - CAN/USB CONVERTER

ACCESSORIES

- **CANStudio**
CAN software tool
- **CANMonitor** (free)
CAN software
- **32 and 64bit DLL libraries** (free)

COMPANY INFORMATION

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