PMC-CAN/266
Passive 66 MHz-PMC-CAN-Interface

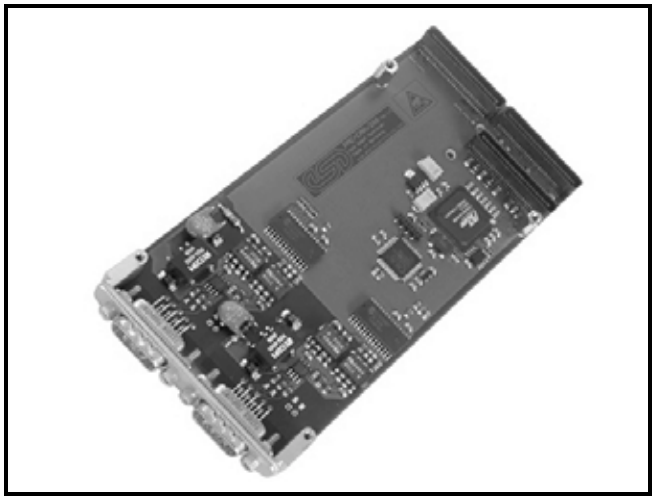
esd gmbh

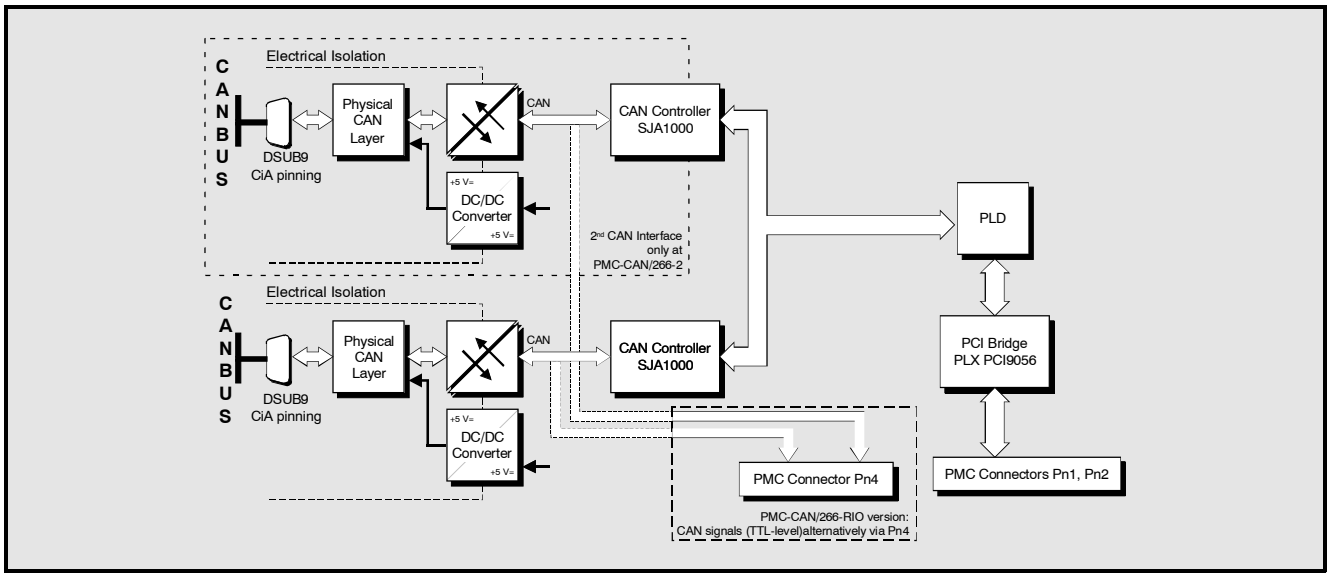
PMC-CAN Interface
The PMC-CAN/266 is an efficient PMC module designed for 66 MHz PMC slots with one or optional two CAN-interfaces. It uses a PCI bus width of 32 bits. The PMC-CAN/266 module can be used in bus systems at bus speeds of 33 MHz or 66 MHz.

CAN Interface
The ISO 11898 compliant CAN interfaces allow data transfer rates up to 1 Mbit/s. Among many other features, the bit rate can be set by software. The CAN interfaces are electrically isolated.
In the PMC-CAN/266-RIO version the CAN-signals (TTL-level) are alternatively routed via the PMC-connector Pn4.

Software Support
Software drivers are available for Windows, Linux and QNX. Drivers for other operating systems are available as well.

Pease Note: The maximum effective CAN bit rate value may be limited by the performance of the host CPU, because this is a passive CAN module without a microcontroller on board.





Technical Specifications:

PMC interface:	
PCI bridge:	*PLX PCI9056*
PCI:	*PCI 2.2, 32-bit*
Bus speed:	*66 MHz at 3.3 V signal voltage or 33 MHz at 3.3 or 5.0 V signal voltage*
CAN:	
CAN controller:	*SJA1000, CAN 2.0A/B*
CAN interface:	*differential, electr. isolated, 1 Mbit/s, ISO11898*
General:	
Temperature:	*0...50 °C*
Humidity:	*max. 90 %, non-condensing*
Supply voltage:	*3.3 VDC/0.16 A and 5 VDC/0.17 A*
Dimensions:	*148.33 mm x 74.04 mm*
Weight:	*approx. 100g*
Connectors:	*CAN: 9-pole DSUB (male)*

Order information:		
Designation		*order no.*
PMC-CAN/266-1	*1x CAN 2.0A/B, ISO11898*	*C.2040.02*
PMC-CAN/266-2	*2x CAN 2.0A/B, ISO11898*	*C.2040.04*
PMC-CAN/266-RIO	*2x CAN 2.0A/B, signals with TTL-level via PMC-connector*	*C.2040.08*
PIM-CPU/405	*PIM-interface module for PMC-CAN/266-RIO (C.2040.08)*	*V.2025.02*
CAN-ADA-ISO11898	*CAN adapter, CAN-TTL signals to CAN interface (DSUB9), TTL- signals of the 2.CAN interface can be connected through*	*C.2012.26*
CAN-PHYSLAY-HSP	*CAN adapter, CAN-TTL signals to CAN interface (DSUB9)*	*C.1201.01*
CAN-DRV-LCD	*Object licence for Windows and Linux incl. CD-ROM*	*C.1101.02*
PMC-CAN/266-Co	*CANopen master/slave Obj. lic.*	*C.2040.12*
PMC-CAN/266-ME	*Hardware manual*	*C.2040.21*
CAN-API-ME	*CAN-API software manual*	*C.2001.21*

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