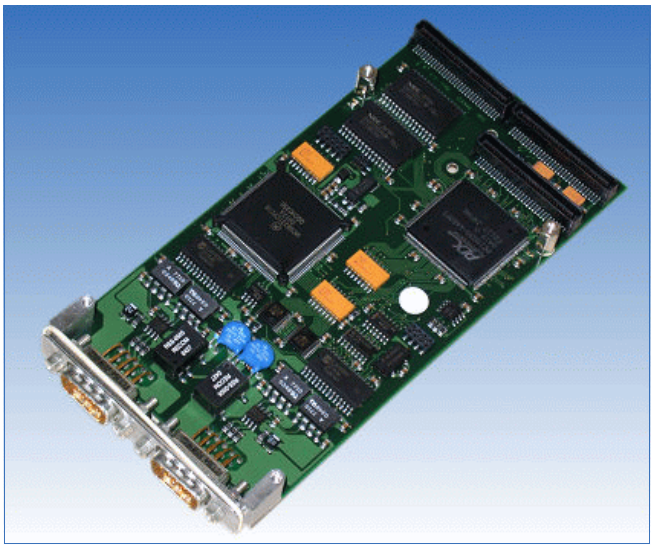
PMC-CAN/331/3.3

Intelligent PMC-CAN-Interface

- **PMC module with one or two independent CAN nets**
- **Microcontroller 68331 on board**

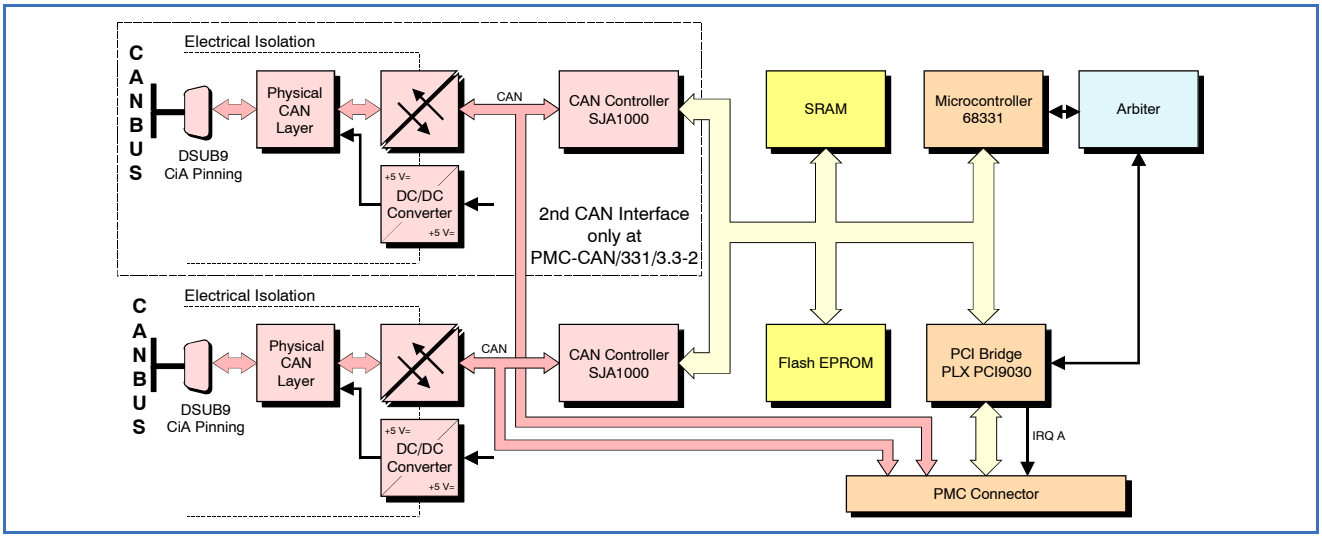


Powerful CAN Interfaces on PMC Module
The module PMC-CAN/331/3.3 uses a 68331 microcontroller which cares for the local CAN-data management. The CAN data is stored in the local SRAM. Security and consistency of data is guaranteed up to 1 Mbit/s.

CAN Interface
The ISO 11898 compliant CAN interfaces allow a data transfer rate of 1 Mbit/s. The CAN interfaces are electrically isolated from the other potentials by optocouplers and DC/DC converters.

Software Support
Software drivers are available for Windows, Linux and VxWorks. Drivers for other operating systems are available on request.

CAN Protocols
Software packages for CANopen or optional DeviceNet are available for Windows or Linux systems.



Technical Specifications:

PCI interface and microcontroller:	
PCI bridge:	*PCI9030*
Microcontroller:	*68331*
Memory equipped:	*128 k x 16 bit SRAM , 128 k x 8 bit Flash EPROM*
PCI:	*PCI 2.1, 32 bit, compatible to PMC systems with 3.3 V or 5 V signalling voltage*

CAN bus:	
CAN controller:	*SJA1000, acc. to ISO 11898-1 (CAN 2.0A/B)*
CAN interface:	*differential, electrically isolated, 1 Mbit/s, according to ISO11898-2, optional DeviceNet via adapter and PMC-connector Pn4*

General:		
Ambient temperature:	*0 °C ...+50 °C*	
Relative humidity:	*max. 90 %, non-condensing*	
Power supply:	*5 V and 3.3 V*	
Connectors:	*DSUB9: CAN PMC-connector Pn4:*	*TTL-level CAN (option)*

Order information:

Designation		*order no.*
PMC-CAN/331/3.3-1	*1x CAN, acc. to ISO 11898-2*	*C.2039.01*
PMC-CAN/331/3.3-2	*2x CAN, acc. to ISO 11898-2*	*C.2039.02*
CAN-DRV-LCD Windows/Linux	*CAN driver licence for Windows and Linux, incl. driver on CD*	*C.1101.02*
CAN-DRV-LCD VxWorks	*CAN driver licence for VxWorks, incl. driver on CD*	*C.1101.55*

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