

# PMC-CAN/331

## 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 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

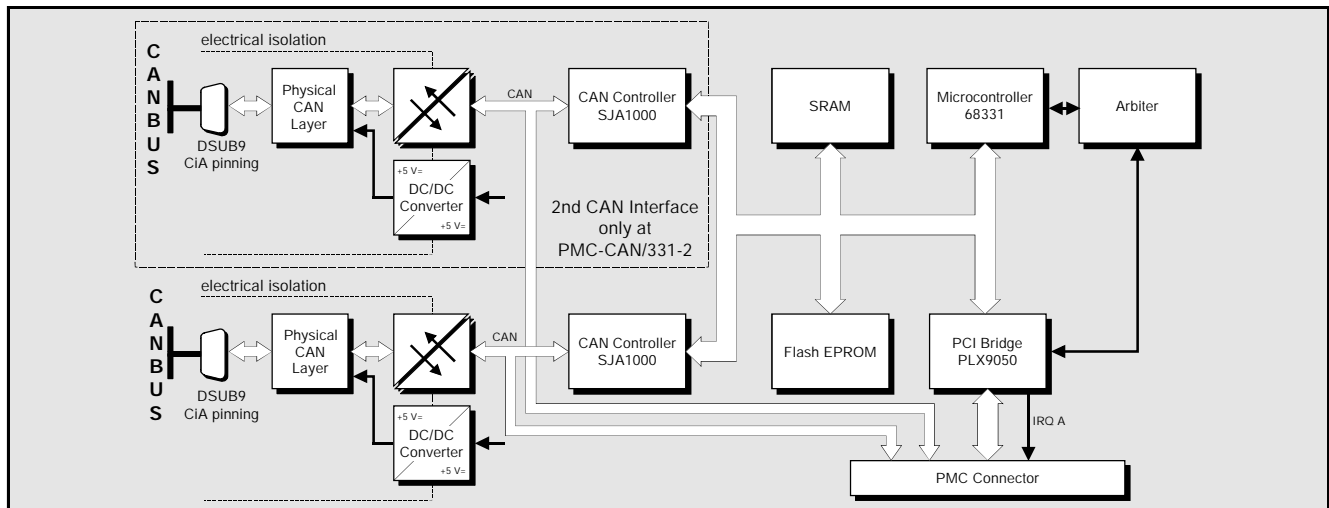
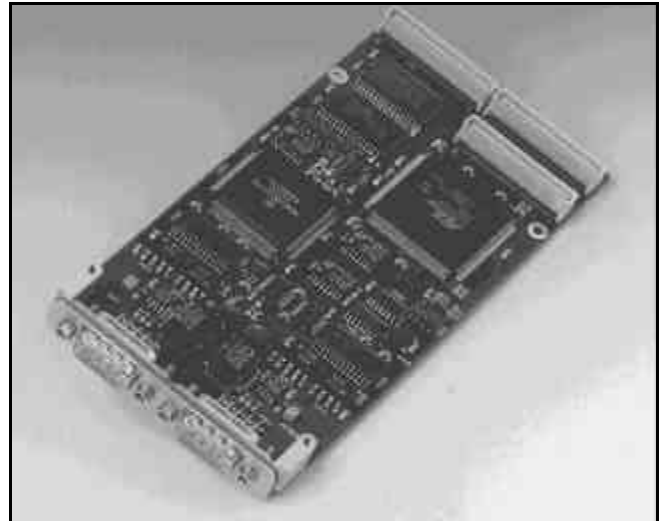
The ISO 11898 compliant CAN interfaces allow a data transfer rate of 1 Mbit/s. The CAN interfaces are electrically isolated from the other potentials by optocouplers and DC/DC converters.

### Software Support

The board is shipped with software examples in source code for DOS and Windows 3.11. Moreover, software drivers are available for Windows NT and Windows 95/98, VxWorks and LynxOS.

### CAN Protocols

Software packages for CAL, CANopen or DeviceNet are available for Windows NT, Windows 95/98 or UNIX systems.



### Technical Data:

<b>PMC interface and microcontroller:</b>	
PCI bridge:	PCI9050
Microcontroller:	68331
Memory equipped:	128 k x 16 bit SRAM, 128 k x 8 bit Flash EPROM
<b>CAN bus:</b>	
CAN controller:	SJA1000, CAN 2.0A/B
CAN interface:	differential, electrically isolated, 1 Mbit/s, ISO11898, opt. DeviceNet
<b>General:</b>	
Ambient temperature:	0...50 °C
Supply voltage:	5 VDC
Connectors:	PMC: 2x 64-pole PMC connectors CAN: 2x 9-pole DSUB (male) DeviceNet: 5-pole connector at external PCB

### Order information:

Designation		order no.:
PMC-CAN/331-1	1x CAN, ISO 11898	C.2025.02
PMC-CAN/331-2	2x CAN, ISO 11898	C.2025.04
PMC-CAN/331-1DN	1x DeviceNet	C.2025.07
PMC-CAN/331-2DN	2x DeviceNet	C.2025.08
<b>Options:</b>		
PMC-CAN/331-LynxOS	LynxOS Driver	C.2025.53
PMC-CAN/331-RTOS/PPC	RTOS-Power PC Driver	C.2025.54
PMC-CAN/331-RTOS/68k	RTOS-68k Driver	C.2025.55
PMC-CAN/331-VxW	VxWorks Driver	C.2025.56
PMC-CAN/331-95	Windows 95/98 VxD Driver	C.2025.10
PMC-CAN/331-NT	Windows NT Device Driver	C.2025.11
PMC-CAN/331-Co	CANopen Master/Slave- Object Licence	C.2025.12
PMC-CAN/331-DvN	DeviceNet Object Licence	C.2025.13
PMC-CAN/331-CAL	CAL-M/S Object Licence	C.2025.15
PMC-CAN/331-CAL/Co	CAL/CANopen M/S Obj. Lic.	C.2025.16
PMC-CAN/331-ME	Manual for C.2025.03 ... 08	C.2025.21
CAN-API-ME	Manual for C.2025.10 / 11	C.2001.21
CAL/CANopen-ME	Manual for C.2025.12, C.2025.15 and C.2025.16	C.2002.21