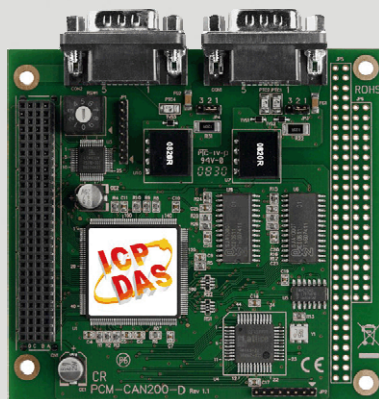
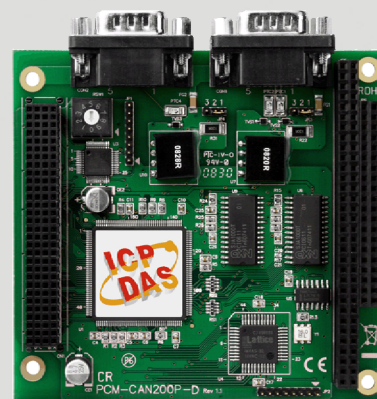




## PCI104/PC104+ CAN Communication Module



PCM-CAN200-D



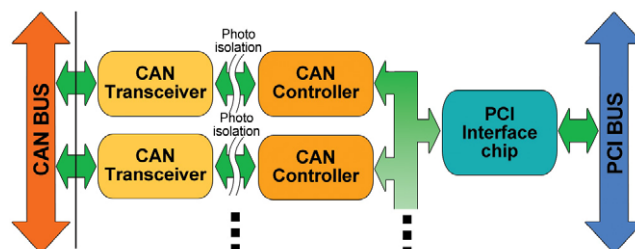
PCM-CAN200P-D

The PCM-CAN200 can represent a CAN solution on a high quality PCI104/PC104+ hardware in industrial environment compliant with CAN 2.0A and CAN 2.0B specification. It has 2 independent CAN bus communication ports with 9-pin D-sub connector, and has the ability to cover a wide range of CAN applications. Besides, PCM-CAN200 uses the CAN controller Phillips SJA1000T and transceiver 82C250, which provide bus arbitration, error detection with auto correction and re-transmission function. It can be installed in both 3.3V and 5V PCI slot and supported truly "Plug & play".

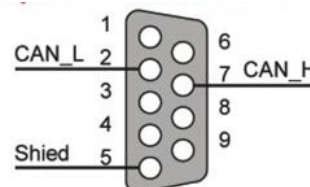
## Features

- PCI104/PC104+ compliant
- 9-pin D-sub connector
- Compatible with CAN 2.0 parts A and B
- Fully compatible with ISO 11898-2 standard
- Support CAN baud from 10K to 1M bps
- 2500 Vrms photo couple isolation on the CAN bus
- Built-in jumper to select 120 ohm terminal resistor
- 3KV galvanic isolation
- 2 independent CAN channels
- Direct memory mapping to the CAN controller
- Provide VB, VC++, Delphi, BC++ demos
- Driver support Windows 98/ME/NT/2K/XP/WinCE and Linux

## Hardware architecture

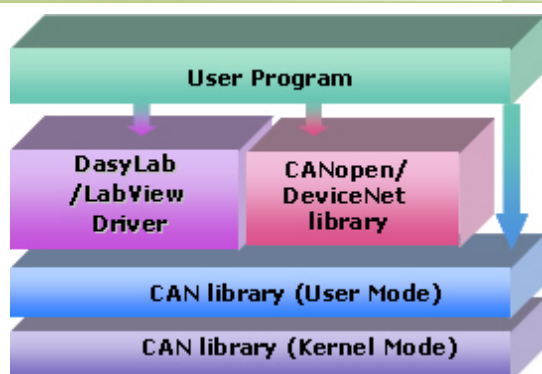


## Pin Assignments

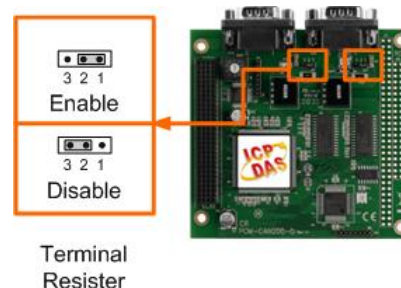


9-pin D-sub male connector

## Software Layer



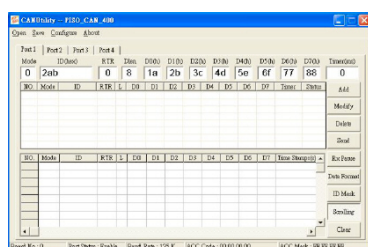
## Terminal Resistor



## Hardware Specifications

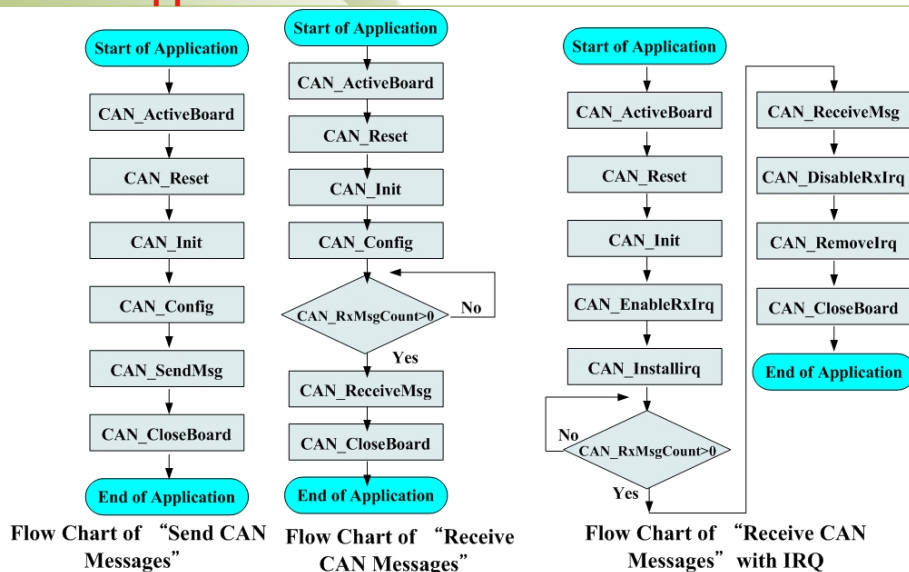
Item	PCM-CAN200-D	PCM-CAN200P-D
CAN connector	9-pin D-sub connector	
Bus Type	PCI-104	PC-104
CAN port	2 independent CAN ports	
CAN Controller	Phillips SJA1000 CAN Controller with 16MHz	
CAN Transceiver	Phillips 82C250 CAN Transceiver	
CAN Interface	ISO/IS 11898-2, 5-pin screw terminal connector or 9-pin D-sub connector	
Signal Support	CAN_H: CAN high bus line, CAN_L: CAN low bus line	
CAN specific	Compatible with CAN specification 2.0 parts A and B.	
Transfer Rate	Programmable transfer rate up to 1 Mbps	
Terminal Resister	120Ω terminal resister selected by jumper	
Driver Support	Windows 98/ME/NT/2K/XP/WinCE, Linux	
Isolated	2500Vrms on CAN side	
Power Consumption	+ 5V@ 250 mA	
Operating Temp.	0°C to 60°C	
Storage Temp.	-20°C to 80°C	
Humidity	0~90% non-condensing	
Dimensions	91mm x 96mm (W x H)	

## Utility



- Can be a CAN system monitor tool with CAN cards
- It is a good tool to test CAN system
- Send/Receive/Record CAN messages.
- Provide cyclic transmission function
- Record the CAN messages with filtered ID and time stamp

## Flow Diagram for Applications



## Ordering Information

PCM-CAN200-D CR	2-Port Isolated Protection CAN Communication PCI-104 Module with 9-pin D-sub connector (RoHS)
PCM-CAN200P-D CR	2-Port Isolated Protection CAN Communication PC-104+ Module with 9-pin D-sub connector (RoHS)