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Find the *Abaco Systems / SBS PMC-ECAN2* at our website: *Click HERE*

PMC-ECAN-2

PMC with Dual CAN 2.0 Interfaces

The PMC-ECAN-2 implements dual CAN 2.0 controllers on a single-wide PMC. It is used for a variety of industrial automation, process control, and automotive applications that require CAN 2.0 for field bus message communications.

The PMC-ECAN-2 features two Intel 82527 CAN interface controllers. Both channels are completely independent. The Intel 82527 CAN controller supports both CAN specifications 2.0 part A (standard 11-bit identifier) and part B (extended 29-bit identifier).

Two CAN physical interfaces are configurable for the PMC-ECAN-2: CAN High Speed and modified RS-485. They are both optically isolated from the CAN controller. Power is available via an on-board DC/DC converter. Front panel I/O access is provided via DB9 connectors.

VxWorks® device drivers are available for the PMC-ECAN-2. The module is compliant with standard single-wide PMC specifications

IEEE P1386.1

FEATURES:

- Two CAN 2.0 ports using Intel® 82527 controllers
- Opto-isolated
- Configurable interfaces: CAN High Speed and modified RS-485

abaco SYSTEMS

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PMC-ECAN-2 *PMC with Dual CAN 2.0 Interfaces*

Specifications

Form Factor
- PMC

PMC Conformance
- 32-bit PMC Specification IEEE P1386.1

PCI Interface
- 32-bit, 33 MHz slave PCI Specification, Revision 2.1

PCI Controller
- PLX 9050

Number of Ports
- Two independent

CAN Controllers
- Intel 82527

Speed
- Up to 1 Mb/s (40 m)

Front Panel I/O Access
- Two DB9 male

Rear Panel Panel I/O Access
- PMC P4

Dimensions
- 75.0 mm x 150.0 mm

Weight
- 0.08 kg (0.18 lb)

Power Requirements
- +5 VDC, 600 mA typ

Environmental
- Temperature
  - Operating: 0° to +70 °C
  - Storage: -40° to +85 °C
- Humidity: 5% to 95% non-condensing

Ordering information

PMC-ECAN-2	PMC with two CAN 2.0 ports
VD-PMCEXTCAN	VxWorks 5.3 driver for PMC-ECAN. Contains: Printed license agreement and media containing a license agreement, software user manual in PDF, driver source code and example application

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