

Product Change Notice - PCN-2011-004

Rev	Date/Signature	Changes
1	16.06.2011/Sr	First Revision

1 Product affected

Product affected	Rev.	Replacement	Rev.
CAN-PCI-104	R2B	CAN-PCI-104	R3A

2 Change 1 – Power Supply

2.1 Key Characteristics of the Change

The patch for the 3,3V regulator of the hardware revision R2B is now included in the PCB design.

2.2 Description of Change to the Customer

The patch for the 3,3V regulator of the hardware revision R2B is now included in the PCB design and the 3,3V net is disconnected from the PCI connector. The board now only needs the +5V power supply from the PCI interface and doesn't impact the 3,3V from other boards on the stack.

Also new is the use of the 3V3-I/O voltage of the PCI interface which shows the signal level for the PCI controller.

2.3 Customer Impact of Change and Recommended Action

No further actions necessary.

3 Change 2 – Galvanic Isolation

3.1 Key Characteristics of the Change

Replacement of the galvanic isolation parts to improve the production process.

3.2 Description of Change to the Customer

The optocouplers for the galvanic isolation of the two CAN channels are replaced by digital isolators.

3.3 Customer Impact of Change and Recommended Action

No further actions necessary.

4 Change 3

4.1 Key Characteristics of the Change

Further small improvements for the production process

4.2 Description of Change to the Customer

Further small improvements for the production process

4.3 Customer Impact of Change and Recommended Action

No further actions necessary.