**128-Ch, 16-bit ADC**

The CP213 is a single-width, 6U, CompactPCI/PCI module with 32 or 64 differential analog input channels that can be configured as 64 or 128 single-ended analog input channels. A 16-bit ADC scans each channel at a user-selected scan rate. Scans may be triggered from the internal clock, 1 of 8 PXI backplane triggers, the PXI star trigger bus, or an external SMB connector.

The CP213 also has programmable gain, and channels 1 and 33 may be configured as isothermal reference channels for temperature measurement applications.

The CP213 also includes 16 digital I/O channels that may be configured as digital I/O or attached to a frequency in, counter in, or timer out channel. KineticSystems also offers other CompactPCI/PCI cards such as digital I/O, analog output, and high speed digitizers.

For more information, contact: mkt-info@kscorp.com.

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**OmniBus cPCI**

Ballard’s OmniBus cPCI avionics databus interface sets a new standard for flexibility and power. It is available with up to 32 ARINC 429 channels or with a mix of protocols (such as MIL-STD-1553, AFDX, ARINC 429/708/717, and serial RS-422) and is suitable for a broad range of applications, from simple to the most complex. Extensive simulation, monitoring, and testing capability are provided through our powerful CoPilot GUI software and easy-to-use APIs.

An onboard PowerPC processor can be programmed by the user to off-load or run independently of the host system processor. The OmniBus cPCI may be run locally through the backplane, or as a standalone device from user code embedded on the PowerPC.

For more information, contact: sales@ballardtech.com.