Alpha Data

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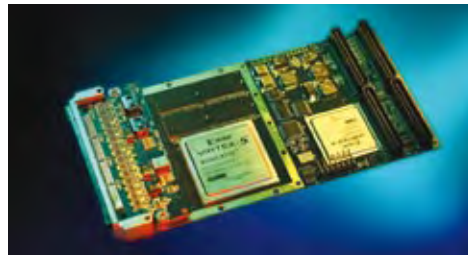**www.alpha-data.com**

ADM-XRC-5

The ADM-XRC-5 series of FPGA-based PCI Mezzanine Cards exploits the rich feature set of the latest Xilinx Virtex-5 devices. A comprehensive software development kit supports high-performance memory, I/O, and host interfaces.

The ADM-XRC-5 is the ideal COTS solution for prototyping, development, and production deployment.

Applications include radar and sonar processing, Software Defined Radio, reconfigurable computing, telecommunication, encryption/compression, image processing, and Electronic Intelligence (ELINT).

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FEATURES:

■ Target FPGA: Xilinx Virtex-5 LX110

■ Host interface: PMC-X 133 MHz with adapters for PCI-X, CompactPCI, and VXS

■ Memory: 1 GB DDR-II SDRAM in four banks

■ I/O: XRM adapters for memory, LVDS, CameraLink, FPDP, and analog I/O

■ Software: Windows, Linux, and VxWorks API

■ Tools: Reference designs and support for Xilinx System Generator