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TECHNOLOGY GROUP

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so your equipment works exactly as you specify.

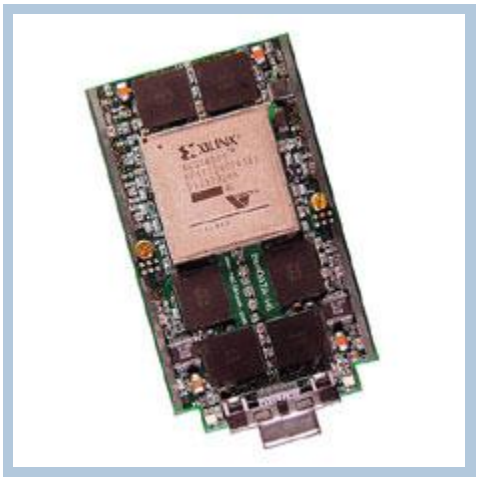
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Expert team | Trust guarantee | 100% satisfaction

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Find the *Nallatech BenDATA-WS* at our website: ***Click HERE***

Virtex-II and DDR SDRAM Module
BenDATA™-WS



Format
Single width DIME-II

FPGA onboard
Virtex-II

Onboard FPGA options
2V4000-4, 2V6000-4, 2V6000-5, 2V6000-6, 2V8000-4, 2V8000-5

Overview

When memory bandwidth is a key application requirement, look no further than the BenDATA-WS. Combining a Virtex-II FPGA and 6 banks of random-access SRAM, the module provides processing and memory expansion capability for Nallatech cPCI, VME, PCI and PC/104+ COTS FPGA computing systems. The 6 banks of ZBT SRAM on the BenDATA-WS offer a colossal 8 Gbytes/sec of memory bandwidth - ideal for complex application implementation. This functionality is combined in a proven COTS solution, designed for ease of use, low risk and staighforward system integration/in-field deployment.

Key Features

- Expansion module for Nallatech cPCI, VME, PCI and PC/104+ COTS FPGA computing systems
- On-board Xilinx Virtex-II FPGA
- FPGA device sizes available: 2V4000, 2V6000 or 2V8000
- Up to 105k logic cells of programmable logic per module
- Up to 168 Block RAMs and embedded multipliers per module
- 24 MBytes of ZBT SRAM in six independent banks ZBT SRAM interfacing IP Core
- SRAM Data Rate of 166MHz
- Maximum memory bandwidth of 8 GBytes/second
- Supported in Nallatech FUSE software
- Compatible with Nallatech DIMEtalk
- Multiple design-entry flows supported
- Supports industry-standard synthesis and implementation tools
- Includes open-source example designs

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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