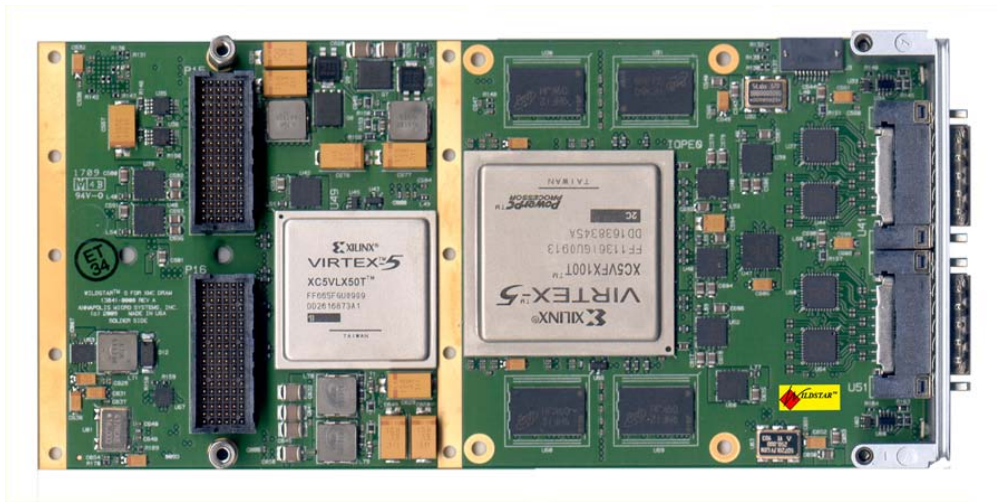


Data Sheet
Doc # 14015-0000 Rev 1.5

Annapolis Micro Systems, Inc.

WILDSTAR™ 5 for XMC

The Perfect Blend of Processors and FPGAs



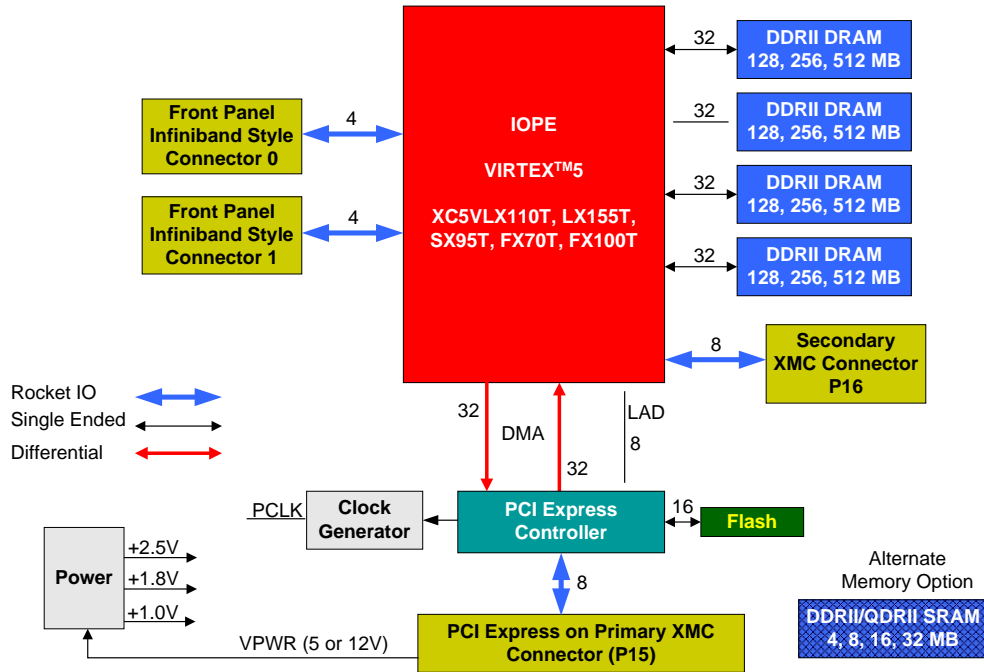
FEATURES

- Adds the Processing Power of an FPGA to your Embedded System
- Input High Speed Data via Front Panel Connectors
- One Virtex™ 5 FPGA Processing Elements
 - XC5VLX110T, LX155T, SX95T, FX70T, or FX100T
- Up to 2 GB DDR2 DRAM per Board, in Four Ports
- Or Up to 128 MB DDR2 or QDR2 SRAM per Board, in Four Ports
- Two Front Panel Infiniband Style Connectors
 - Eight SFPDP Channels
 - Two 10GE XAUI Ports - Four Fibers per Port
 - One Infiniband Port (none on FX70)
- Supports both Primary and Secondary XMC Connectors
- On Board Flash for FPGA Program Storage
- Full CoreFire™ Board Support Package for Fast, Easy Application Development
- VHDL Model including Source Code for Hardware Interfaces, with ChipScope Access
- Optional Heatsink
- Also available in Industrial Temperature Grades



Made in the USA

WILDSTAR™ 5 for XMC



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BENEFITS

- Reduce Risk With Our 12th Generation of COTS (Commercial Off the Shelf) FPGA Based Processing Boards
- Save Time and Effort - Develop Your Application Very Quickly and Easily with CoreFire™
- CoreFire™ Provides Thousands of Proven, Reusable, High Performance IP Modules, Including Some of the World's Fastest FFTs and Filters
- Standardize and Control Your Team's Development
- Achieve World Class Performance
- WILD™ Solutions Outperform the Competition

OPTIONAL HEAT SINK

Optional Heatsink requires a 74mm by 78mm Component Free Area, on the Main Board, starting 40mm from the XMC Connectors, going toward the External Connectors.
Contact Salesperson for more Details.



Annapolis is famous for the high quality of our products and for our unparalleled dedication to ensuring that the customers' applications succeed. We offer training classes and exceptional special application development support.