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For Immediate Release

Annapolis Micro Systems, Inc. announces its Tenth Generation of FPGA Based Processing Boards

Annapolis, Maryland - September 11, 2006 - Annapolis Micro Systems, Inc. (Annapolis), the leader in Commercial Off the Shelf (COTS) Field Programmable Gate Array (FPGA) Based High Performance Computing, announces its WILDSTAR 4 / 5 Family of Xilinx FPGA Based Processing Boards, using Xilinx's newest Virtex 4 and Virtex 5 FPGAs.

For over 12 years, Annapolis has been in the forefront of the quest to use Field Programmable Gate Arrays (FPGAs) as Processing Elements, to provide custom ASIC-like performance to solve highly parallel problems cost effectively in Commercial Off the Shelf (COTS) products. New mezzanine cards and on-board I/O carry forward the Annapolis WILDSTAR strategy of providing End to End Input, Processing and Storage options. This includes a much expanded line of superior Analog to Digital, Digital to Analog and High Speed Communication Solutions.

The WILDSTAR 4 family provides faster performance, more processing power per slot, more efficient power and thermal management, and lower cost per performance. The family will include Industrial, Rugged and Conduction Cooled versions, and use new more powerful backplanes, like PCI-X, PCI

Express and VXS. Very high speed data movement into, through and out of the system will be supported with industry standard Infiniband, 10G Ethernet, Rocket I/O and Serial FPDP.

"Annapolis provides a Balanced Architecture", says Patrick Stover, Annapolis VP of Sales. "Up to 2.5 GSps Analog to Digital input, real-time processing on Xilinx's Virtex 4 & 5, and data flowing to storage RAID's or disks with up to 36 Gbit Full Duplex I/O. These types of options allow our customers to choose the exact components needed for their particular programs. The Balanced Architecture provides the foundation for many different applications."

The first members of the family, WILDSTAR 4 for PCI-X will be shipping in September, 2006. Prices start at about \$18,000.

Annapolis Micro Systems, Inc., known as The FPGA Performance Company, is a leader in COTS High Performance Processing. Annapolis provides the application developer with everything needed to fully use the power of FPGA processing to solve real time problems, with full bandwidth input and output. Annapolis excels in providing easy to use and cost effective full system solutions to very demanding real-time data capture, processing and storage problems. The customer can develop his/her application using our CoreFire(tm) Development Suite, with its extensive IP & Board Support Libraries, or with VHDL. Some typical application areas are DSP, Radar, SIGINT, SW Radio, Image Processing, Encryption, and Data Mining.

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 and exceptional custom application development support, as well as more conventional customer support.

In business since 1982, and delivering world class FPGA based solutions since 1994, Annapolis is also shipping our 9th Generation of Xilinx FPGA based solutions - WILDSTAR II Pro, which uses the Virtex II Pro. Annapolis carries a full line of VME, PCI, PMC and CardBus FPGA based COTS boards, with many different I/O options including Universal 3 Gbit (Rocket I/O, 10G Ethernet, Infiniband), Quad Fibre Channel 2, FPDP, Serial FPDP, 105MHz A/D and D/A, Single and Dual 1.5 GHz A/D, Quad 105 MHz A/D, 2.3 GSps DAC and others. Rugged products will be available later this year.

For more information about the WILDSTAR 4 / 5 Family, the CoreFire Design Suite, or other Annapolis products, contact Pat Stover at (410)841-2518, patrick.stover@annapmicro.com. For European Sales and Support, contact Noah Donaldson in Stockholm at +46 708 453 203, noahd@annapmicro.com. For more information about Annapolis Micro Systems, Inc. contact Jane Donaldson at (410)841-2514, jdonald@annapmicro.com. Website is www.annapmicro.com

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