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For Immediate Release

Annapolis Micro Systems, Inc. announces its Universal 3 Gbit I/O Card - up to 36 Gbit Full Duplex I/O between Network and FPGA Processors

Annapolis, Maryland - June 1, 2006 - Annapolis Micro Systems, Inc. (Annapolis), the leader in Commercial Off the Shelf (COTS) Field Programmable Gate Array (FPGA) Based High Performance Computing, announces the availability of its Universal 3 Gbit I/O Card (UNI 3). This card provides up to 36 Gbit Full Duplex I/O directly between the outside world and the rocket I/O pins on the Xilinx Virtex II Pro FPGA processors on the WILDSTAR II Pro main board. No other vendor provides that volume of data straight into the heart of the processing elements and then back out again.

The UNI 3 card has three individually configurable, industry standard 4X connectors, providing four lanes per connector, with dedicated signal conditioners to ensure clean communication. It supports a wide variety of readily available cables, copper for short-haul (.3 - 5m) and fiber for long haul (10 - 300m).

The card will initially be available with an easy to use Rocket I/O protocol supporting up to 12 Gb full duplex per connector. Third quarter 2006 will see releases of up to 10Gb full duplex Ethernet or Infiniband per connector and Serial FPDP.

The UNI 3 I/O Card is an Annapolis Type 3 I/O Card, and one or two of them can fit onto the I/O Connectors on Annapolis WILDSTAR II Pro for PCI, VME or ACE board. It has a Xilinx Virtex-II Pro P70, and up to 2 GByte of DDR2 SDRAM or 1 GByte of DDR SDRAM.

The UNI 3 card joins the Annapolis line-up of high performance I/O offerings, including 1.5 GHz Pro A/D I/O, Dual 1.5 GHz A/D I/O, Quad 105 MHz A/D I/O and Quad 250 MHz A/D I/O Cards.

The UNI 3 I/O card is available today. Prices start at \$9,747 for a three channel card.

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. The Company 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 special 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 currently delivering our 9th Generation of Xilinx FPGA based solutions - WILDSTAR II Pro, which uses

the VirtexII 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), Dual 2.3/1.5 GSps DAC, Quad Fibre Channel 2, FPDP, 105MHz A/D , Dual 1.5 GHz A/D, Quad 105 MHz A/D, and others. Rugged products will be available later this year.

For more information about the Universal 3 Gbit I/O card, 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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