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ATHENA ANNOUNCES AVAILABILITY OF GPS ANTI-JAM FILTER

Digital Excision Processing Dramatically Improves GPS Receiver Performance

GAINESVILLE, FL - April 28, 2003 - The Athena Group, Inc., a leading provider of high-performance low-power signal processing technology, today announced the availability of the AD-2800, the first member of the Athena Digital Excision Processor Technology (ADEPT™) family. The ADEPT product line enables unprecedented reliability for all GPS receivers by protecting all current and planned civilian and military codes (C/A, P(Y), M, F) against common interference sources. The AD-2800 establishes new power and performance standards for narrowband GPS signal pre-processing. In military mode, the AD-2800 delivers up to 50 dB of improved signal to noise ratio yet requires *less than 60 mW of power* to protect the P(Y) signal. In commercial mode, *less than 20 mW of power* is required to protect the C/A code.

"GPS is extremely sensitive to interference from a variety of sources, and loss of GPS reference is simply unacceptable," said Dr. Jon Mellott, Chief Technology Officer of Athena. "GPS is now a pervasive part of our national information infrastructure. With the increased reliance on GPS comes an increased need for robust service and immunity from the co-channel interference that renders GPS unusable. ADEPT is easily added to any GPS receiver design, making it possible for both commercial and military users to obtain an unprecedented quality of service."

ADEPT solutions are available for a number of applications and environments, with variable precision and sampling rates. Because of the instantaneous adaptation rates and ability to spectrally differentiate, ADEPT processors can identify and eliminate not only multiple noise sources but also time-variant and frequency-variant interference. Athena's proprietary signal processing technology achieves remarkably high throughput with extremely low power consumption, making the ADEPT family of processors ideal for eliminating interference in all spread spectrum communications, including cellular telephony.

Athena IP Products

Each ADEPT core package is delivered as a firm core optimized to any customer-specified library. Included with each core are verification suites, timing and simulation models, and comprehensive documentation. Customization, integration, and hardening services are available.

The entire line of Athena Atomic Signal Processing accelerators is designed for efficient implementation and rapid delivery. Athena's wholly automated implementation and verification methodology produces synchronous, testable IP cores of the highest quality. All Athena IP cores achieve a score of 95% or better on the OpenMore scale of IP reusability.

About The Athena Group, Inc.

The Athena Group, Inc. of Gainesville, Florida licenses signal processing technology that delivers breakthrough performance, reduced area, and reduced power consumption in a broad range of SoC products. Athena technology is ideal for leading edge applications such as secure e-commerce, wireless communications, and video compression. In addition to signal processing acceleration functions for SoC integration, Athena also produces a full line of application level solutions.

Athena was founded in 1986 and is privately held.

ADEPT is a trademark of The Athena Group, Inc. All other trademarks are the property of their respective owners.



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