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Inphi® Corporation Collaborates with AMD on Next Generation Server Memory Interface Architecture

*Inphi's ExacTik® Family of precision timing devices continues to push the envelope on higher density memory
for next generation server architectures.*

WESTLAKE VILLAGE, Calif., July 25, 2007 – Continuing its leadership position in server memory interface solutions, Inphi® Corporation (www.inphi-corp.com) today announced its collaboration with AMD on the development of Inphi's IN16KXXMX, Socket G3 Memory Extender (G3MX) solutions family.

With the emergence of multi core processing and virtualization technologies, increasing memory bandwidth and density have become key components in achieving performance requirements in the server and workstation space. Inphi has been working closely with AMD and system OEM's in defining Inphi's IN16KXXMX to meet the most demanding DDR3 memory technology requirements of next generation servers and workstations based on AMD64 technology. Inphi has proven design capabilities with high performance, high-speed signal integrity beyond 40Gbps and many of these technologies are being applied to the IN16KXXMX.

Inphi is contributing to AMD's efforts in providing a memory interface solution, which will scale to address future memory architecture requirements driven by the addition of more processor cores. Inphi will be utilizing in-house design expertise and its large IP portfolio to develop the IN16KXXMX, delivering a low latency and low power DDR3 memory interface solution to complement AMD's next generations of Quad- and Octal-Core processor families targeted for memory intensive applications.

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“AMD is working hand in hand with Inphi to provide a proactive solution to address the memory bandwidth and size requirements necessary to take advantage of application and processing power enhancements for next-generation server architectures,” said Randy Allen, corporate vice president, server and workstation division, AMD. “Inphi's IN16KXXMX G3 Memory Extender is a key competitive component for AMD's server and workstation roadmaps for 2009 and beyond, and will also become a cost-efficient and scalable IT solution for customers transitioning to AMD64 based platforms featuring DDR3 memory technology.”

Inphi is dedicated to leading the industry towards higher density and higher speed server memory configurations by providing a total solution from the CPU and memory controller through the G3MX to the JEDEC standard DIMMs. Today, Inphi is a leader in DDR3 RDIMM technology enablement with its JEDEC compliant, high performance INSTE32882-GS01 Register/PLL device.

IN16KXXMX's DRAM interface will operate in a wide range of DDR3 speed grades, while the fast channel, serial interface from and to the AMD CPU and memory controller will have a matching link up to 6.4GB/s for maximum bandwidth utilization.

Availability

The Inphi IN16KXXMX is expected to be available in 2009. For more information, email: exactik@inphi-corp.com.

The ExacTik™ Family

Inphi's ExacTik family of CMOS timing devices for computing applications is the most comprehensive and highest performing in the industry. Every part meets or exceeds JEDEC specifications and delivers accuracy required at low-cost for next generation DDR2 and DDR3 applications. The ExacTik family includes timing devices for memory clocking, and other server, workstation and notebook applications and is characterized by the highest performance in terms of jitter, slew rates, lock times and skew.

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About Inphi Corporation

Inphi Corporation designs and develops integrated circuits that consistently deliver the industry's highest performance and best signal integrity for processing high-speed digital data in computing and communications systems. The company is rapidly becoming the number one supplier of timing devices and PMD devices delivering the world's highest performing components. Leading corporations rely on Inphi for components that transport, store, deliver, and test high-speed data for the world's most innovative high-performance communications and computing systems. Inphi is recognized as a global technology leader for its innovative designs, dedication to the development of open standards, and excellence in research and design. Additional information about Inphi Corporation can be found at www.inphi-corp.com.

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