



Posedge Announces ONFI-3.0 compliant Universal Flash Controller IP Core

Enables Faster Data Transfer Speed and Increased Performance

Sunnyvale, CA – 15th, August, 2011, Posedge Inc., a leading supplier of Wired/Wireless Secure Networking Semiconductor Intellectual Property solutions provider has expanded its IP portfolio by announcing the availability of **ONFI-3.0 compliant Universal Flash Controller (UFC)**.

Storage capacity and access speeds are the key differentiators for NAND flash Controllers and Posedge's ONFI-3.0 compliant UFC provides a standard NAND Flash device interface conforming to the new standards while maintaining backward compatibility with the earlier versions of the standard.

The IP provides the following new features in line with the standards and market requirements for different applications:

- Data rates up to 400 MT/s
- Up to 40 bits of ECC
- Optional multi-ECC engine approach for higher throughput in error cases
- 2K to 16K page sizes
- 256B to 1KB Sector-size for ECC

Posedge UFC offers unmatched flexibility by supporting both SLC and MLC flash memories and can operate with NOR Flash, SRAM and Serial Flash devices giving customers unmatched flexibility in their design.

"Posedge ONFI-3.0 compliant UFC provides extreme flexibility with respect to Sector/Page sizes, bits of error correction etc. to make the controller suitable to various applications. The delay tap circuitry and the PHY logic also enables connecting to NV-DDR-2 devices." said **Mr. Chakra Parvathaneni, Vice**

President Marketing, Posedge Inc. The design supports several advanced features like supporting multiple ECC engines, multi-channel Flash Support, and Auto-Boot Modes.

As NAND Flash capacity increases, controllers need to provide greater performance and flexibility.

Posedge UFC supports up to 128 Gb of Flash Memory and 400 MT/s for adaptation into SSDs and other high performance applications.

"Posedge also provides a total solution for NAND Flash development via our FPGA based Software Development board, along with the necessary drivers for the testing of various NAND, NOR Flash and SRAM for simultaneous Software development enabling customer a quicker development path to market", added **Mr. Chakra Parvathaneni**.

About Posedge Inc.

Posedge Inc. is a privately held company founded in 2006 providing Communication, Networking, Memory and I/O Sub-System Intellectual Property Solutions. Posedge delivers true Quality and Time to Market advantages by providing customers with a total solution of IP, Software and Development platforms along with world-class support. Posedge is headquartered in Sunnyvale, CA, USA. Posedge has over 80 engineers with offices in Hyderabad, Bangalore, and Taipei.

Posedge provides high performance, low gate count IP such as 802.11 a/b/g/n/ac, Network Security IP's like MACSec, High Speed Switching/Routing, and Memory IPs such as Nand Flash and SD/SDIO/eMMC along with Software and Hardware Development platforms for quicker time to market.

Posedge IP Cores address all the needs for a complete Networking and Memory sub-system solution for its customers via a proven track record of commitment to quality, low gate-count and superior performance that has been recognized and cherished by many Industry Leading Companies.

For further information please contact:

Richard Timpa

Vice President of Sales

Phone: 408-642-6974

Email: rich@posedge.com

Website: <http://www.posedge.com>