



Posedge Inc. unveils 'Multifunction Non-Volatile Memory IP Platform' for SOC designers

Sunnyvale, CA – January 17, 2012, Posedge Inc., a leading supplier of Connectivity and Secure Networking Semiconductor Intellectual Property solutions has announced the availability of its '**Multifunction Non-Volatile Memory IP Platform**' for SOC designers.

The presence of Non-Volatile memory with NAND, NOR, Serial Flash, MMC, SD, Compact Flash is ubiquitous in most of the current generation SoCs and ASICs. There are many decisions and several tradeoffs to be made between these choices such as cost, type of interface, software, control, and application suitability. Additional factors like pin count, memory capacity, and Error Correction capability also play a role in choosing these various interfaces for a SoC design.

Posedge has developed the 'Multifunction Non-Volatile Memory IP Platform' to address these development needs.

The bundled IP Platform's Development board has the ability to choose any memory solution like Serial Flash, NAND Flash, NOR Flash, SRAM or SD/eMMC host. It has all the required connectors for SD/MMC devices and plug-in sockets for NAND/NOR/SFlash/SRAM ICs. By plugging the board of the IP platform into a standard Linux PC and with the Posedge IP Platform Driver kit, a designer can test and evaluate their complete solution for all NVM interfaces at the application level.

Understanding the performance and functionality of memory controllers in a system is critical to the architecture of SoC design. The IP platform has all the tools to select an IP along with required bit files and software drivers to enable users to run performance analysis specific to their design. Subsequently Posedge will provide the exact matching RTL cores along with the test benches, synthesis scripts and software drivers.

"Posedge's bundled multifunction Non-Volatile IP platform meets all the requirements of SD 3.01, SDIO, eMMC4.5 Host or Device Controllers, synchronous and asynchronous mode ONFI2.2 and ONFI3.0 flash. It significantly enables faster time to market by ensuring the design team of full functionality and performance in their final SOC design" says, **Mr. Chakra Parvathaneni, Vice President Marketing, Posedge Inc.**

"The Bundled IP Platform solution allows customer to fully evaluate the superior performance and functionality of Posedge's Connectivity IPs and eliminates the problem of functionality and quality concerns from third party IP suppliers. Our customers are

literally guaranteed 'Right First Time' performance for their project by using the IP Platform” **says Mr. Richard Timpa, Vice President Sales, Posedge Inc.**

About Posedge Inc.

Posedge Inc. provides Complete Connectivity Sub-System Intellectual Property in the areas of Communication, Networking, Memory and I/O. Posedge delivers true Quality and Time to Market, by providing customers with Software and Development platforms along with world-class support. Posedge is headquartered in Sunnyvale, CA, USA and has offices in, Hyderabad, Bangalore, and Taipei.

Posedge also provides high performance, low gate count IPs such as 802.11 a/b/g/n, Network Security IP's like MACSec, Wire-Speed Switching/Routing, and Memory IPs such as ONFI NAND Flash and SD3.01/SDIO3/eMMC4.5. These IPs along with Posedge's Software and Hardware Development platforms enable customers the quickest time to market and addresses all the needs for a complete system solution.

Posedge allows customers to achieve superior performance with the lowest gate counts and power in the industry. Posedge's proven track record of commitment to quality and performance has been recognized and cherished by many Industry Leading Companies.

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