

## ***NEWS RELEASE***

For more information, contact:

Nanette Collins  
Public Relations for Stratosphere Solutions, Inc.  
(617) 437-1822  
nanette@nvc.com

**Stone Pillar Technologies Joins Stratosphere Solutions' ICTrust Partner Program**  
*Partnership Enables Integration of Stone Pillar's TestChipBuilder*  
*With Stratosphere's StratoPro Silicon-IP Platform for Improved Parametric Yield*

**Sunnyvale, Calif.** — December 5, 2007 — Stratosphere Solutions Inc., provider of parametric yield improvement solutions that reduce the impact of variability on performance and parametric yield, today announced that Stone Pillar Technologies™, Inc., provider of semiconductor process technology development software, has become as a member of its ICTrust™ Partnership Program.

Under terms of the partnership agreement, the companies have integrated Stone Pillar's TestChipBuilder with Stratosphere Solutions' StratoPro™ silicon intellectual property (IP) platform to improve parametric yield at 45 nanometer (nm) and below. The automated variability characterization infrastructure, a silicon-proven, high-density, high-resolution test vehicle, is designed to support a technology development eco-system that brings process-intelligence into digital and analog/mixed-signals design flows.

With shrinking technologies of 45nm and below come increased complexities in test vehicle development. This requires design teams to deploy creative methodologies to craft high-density, high-resolution test vehicles, while maintaining the integrity of the amount of data produced to manage parametric yield ramp. Currently, test vehicle creation for mixed-signal and analog devices is a long, tedious process and restricts the ability to increase technology development activities.

Stone Pillar's TestChipBuilder automates the creation of device variations used to populate Stratosphere's silicon-proven parametric active matrix (PAM)-based StratoPro test vehicle IP platform. It enables design teams to efficiently manage their test vehicle IP development, and accelerates test vehicle creation while retaining the ability to accurately measure individual device performance, including parametric device characteristics.

"Array-based process characterization tools such as StratoPro provide tremendous benefits for producing the high volume needed for ramping yields," says Tim Crandle, president of Stone Pillar Technologies. "Combining Stone Pillar's TestChipBuilder with StratoPro accelerates the task of creating and incorporating the thousands of devices supported by this platform and removes a major bottleneck in ramping parametric yield."

"To deliver a parametric yield ramp solution to our sophisticated customer base requires close collaboration across the supply chain," remarks Prashant Maniar, Stratosphere Solutions' chief strategy officer. "The ICTrust Partner Program is a vehicle to accelerate and strengthen that collaboration and deliver a superior solution. Coupling TestChipBuilder with StratoPro accelerates deployment of a sophisticated process characterization solution."

## **About Stone Pillar Technologies**

Stone Pillar Technologies™ provides tools used at leading semiconductor companies and research institutions worldwide to speed test chip creation, design rule generation, test plan creation, data analysis and report generation. Stone Pillar Suite saves customers engineering time, engineering capital and improves traceability and technology development processes. It bridges design and manufacturing by interconnecting data, facilitating detailed analyses, and providing insight to improve development and manufacturing processes, performance and yield. For more information, visit [www.stonepillar.com](http://www.stonepillar.com). Or, contact Stone Pillar Technologies at (408) 748-1105 or via email at [info@stonepillar.com](mailto:info@stonepillar.com).

## **About Stratosphere Solutions**

Stratosphere Solutions Inc. is the leading provider of an innovative parametric yield improvement solution including a silicon-proven IP platform and modeling applications empowering customers to reduce impact of variability on performance and parametric yield. Its customer base includes leading worldwide semiconductor companies building products utilizing processes from 130nm to 45nm. Corporate headquarters are located at 155-A Moffett Park Drive, Suite 220, Sunnyvale, Calif. 94089. Telephone: (408) 215-0074. Facsimile: (408) 744-0121. Email: [info@stratosol.com](mailto:info@stratosol.com). Website: [www.stratosol.com](http://www.stratosol.com).

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