

## **NEW JTAG Tool Improves BSDL Quality for Analog Devices' Products**

**Austin, Texas – June 28, 2005** –SiliconAid Solutions, Inc. announced today that Analog Devices, Inc. (ADI), a leading manufacturer of high-performance integrated circuits used in analog and digital signal processing applications, selected the SiliconAid Solutions' JTV (JTAG verification) tool to enable high quality JTAG boundary scan functions and accurate BSDL files.

In the past, a significant manual effort has been required to generate and then verify the JTAG logic was correct. A custom testbench is generated to verify the boundary registers, TAP controller, and the associated connections. A BSDL file was generated but before JTV there was no formal or automated way to verify that the design actually matched the description in the BSDL file. Additionally, there was no automated way to verify that all modes of the JTAG were fully tested and that the device met the IEEE 1149.1 standard.

"JTV is a formal verification of the IEEE JTAG spec that saved the design teams using the tool countless months. As a result, the DSP and Digital Video Products that were developed with JTV have a high-quality JTAG boundary scan function and customers are seeing higher quality BSDL files for these products. "JTV includes a boundary scan user's guide which is written in a clear and easy to understand style that teaches as well as guides the user about boundary scan design." - Luis Basto, Senior DFT lead.

"I've run thru all the boundary scan verification tests using SiliconAid's JTV tool. This is a very exhaustive list of about 20 separate tests that do everything one could consider with the boundary scan," continued Mr. Basto .

**About SiliconAid Solutions :** ([www.siliconaid.com](http://www.siliconaid.com)) SiliconAid Solutions, Inc. is head quartered in Austin Texas and has been doing design-for-test consulting world-wide since 2001. Three of its nine employees have been working on software creation, led by Chief Scientist Bill Bruce, a former senior member of the technical staff at Motorola retiring after 26 years and whom was the principal developer of the internal Motorola JTAG solution. SiliconAid has developed a full suite of JTAG based tools to for JTAG creation, verification, and debug. SiliconAid Solutions, Inc. is a privately held Texas corporation.