



## ***NEWS ANNOUNCEMENT***

***FOR IMMEDIATE RELEASE***

### **Agilent Technologies Offers Process Design Kits for Jazz Semiconductor's 0.18-micron SiGe BiCMOS Process**

#### **PDKs Accelerate Time-to-Market for High-Speed IC Development**

**SANTA CLARA, Calif., June 2, 2009** -- Agilent Technologies Inc. (NYSE: [A](#)) today announced the availability of two process design kits (PDKs) for Jazz Semiconductor's (A Tower Group Company), 0.18-micron SiGe BiCMOS process offerings that are used with Agilent's [Advanced Design System 2009](#) EDA software. The PDKs accelerate customers' time-to-market for IC development in automotive collision avoidance, high-data-rate networks, emerging HDTV wireless standards and other high-speed applications. Agilent and Jazz will demonstrate these PDKs at the International Microwave Symposium (MTT-S) in Boston, June 7-12.

The Jazz SBC18HA and SBC18H2 PDKs are the result of collaboration between Jazz and Agilent to offer an accurate and productive work environment for the industry's latest Silicon Germanium Monolithic Microwave Integrated Circuit (SiGe MMIC) design solutions. The SBC18HA and SBC18H2 have been widely accepted in many high-frequency applications including 24GHz and 77GHz collision avoidance radar, 60GHz WLAN HDTV, wireless base-station back haul, and a host of optical applications including TIA, laser drivers, SERDES and CDRs.

"Our collaboration with Jazz is in response to the strong market demand from our mutual customers for a fast and efficient RFIC design flow," said Avery Chung, foundry program manager of Agilent's EEs of EDA division. "With these new SiGe PDKs in ADS 2009, customers will be able to design high-performance ICs operating up to 60GHz and higher. They can use the breadth of capability ADS provides, including design for manufacturing toolsets and Momentum, the industry-leading 3-D planar EM simulator."

"These PDKs offer design teams a smooth transition from GaAs-based high-frequency product design to silicon-based product design by using the same Agilent ADS design environment now available with Jazz's high-performance SiGe technology," said Marco Racanelli, senior VP and

general manager, Jazz Semiconductor. "Recognizing that ADS is a leader in this market, Jazz partnered with Agilent to speed time-to-market for our customers who are targeting applications up to and beyond 60 to 77GHz in our SiGe technology."

Both the SBC18HA and SBC18H2 PDKs are certified by Jazz and Agilent to take advantage of [ADS 2009](#), the latest release from Agilent EEsof EDA. ADS 2009 contains new features that support IC, package and RF board co-design. The software helps cut hardware integration turns by revealing unexpected component interactions upfront that cause integration failures downstream. These PDKs are expected to ship late June.

### **About Agilent EEsof EDA Software**

Agilent EEsof EDA is the technology leader and industry's leading supplier of Electronic Design Automation (EDA) software for microwave, RF, high-frequency, high-speed, RF system, electronic system level (ESL), circuit, 3D electromagnetic, physical design and device-modeling applications. Agilent EEsof EDA offers personal, value-priced products as well as enterprise-level solutions that save money, improve design flows and simplify EDA vendor relationships. Agilent EEsof EDA software is compatible with and is used to design the company's test and measurement equipment. Additional information about all Agilent EDA software offerings is available at [www.agilent.com/find/eesof](http://www.agilent.com/find/eesof).

### **About Agilent Technologies**

Agilent Technologies Inc. (NYSE: A) is the world's premier measurement company and a technology leader in communications, electronics, life sciences and chemical analysis. The company's 19,000 employees serve customers in more than 110 countries. Agilent had net revenues of \$5.8 billion in fiscal 2008. Information about Agilent is available on the Web at [www.agilent.com](http://www.agilent.com).

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Contact:  
Janet Smith  
+1 970 679 5397  
[janet\\_smith@agilent.com](mailto:janet_smith@agilent.com)