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**FOR IMMEDIATE RELEASE**

**AVIZA TECHNOLOGY RECEIVES ORDER FOR CELSIOR™ ALD SYSTEM FROM SVTC**

**SVTC to Utilize System for Flash Technology and  
Advanced Memory Applications**

SCOTTS VALLEY, Calif., July 16, 2007—Aviza Technology, Inc. (NASDAQ: AVZA), a supplier of advanced semiconductor capital equipment and process technologies for the global semiconductor industry and related markets, today announced it has received an order for its Celsior™ single-wafer atomic layer deposition (ALD) system from SVTC Technologies, a U.S.-based process development foundry for established and start-up semiconductor companies. SVTC is installing this capability for its customers who have requirements for ultra-thin high-k and metal films for Flash non-volatile memory and high-voltage applications.

Aviza's Celsior ALD system is the process tool of record used by leading DRAM manufacturers in China, Taiwan, Europe and the U.S. for select applications in high-volume production today. This SVTC order marks a significant milestone, as it demonstrates the potential for Aviza's ALD process and technology capabilities outside of the traditional DRAM market into other areas such as Flash and nanotechnology applications.

"SVTC's customers are pushing the envelope in process and materials development and the capabilities of the Celsior ALD system will allow them to continue on their development roadmaps well into the future," said Bert Bruggeman, SVTC's VP of Operations and General Manager. "We selected the Celsior because of the flexibility it offers to our customers' development teams."

"Aviza is pleased that our production-proven Celsior ALD system was selected by SVTC," said Subrata Chatterji, Vice President and General Manager, ALD Business Unit of Aviza Technology, Inc. "Placing a tool at SVTC enables Aviza to extend its ALD technology to SVTC's diverse customer base and also allows Aviza to expand the reach of its process and technology capabilities outside of the traditional DRAM market to other key markets such as Flash."

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**Note to editors: Aviza will be exhibiting at this year's SEMICON West exhibition, to be held from Tuesday, July 17, 2007 to Thursday, July 19, 2007. For more information about Aviza and the Company's process technology and product offerings, please visit the company in the South Hall, Booth #1520 of the Moscone Center in San Francisco.**

#### **About Celsior**

The Celsior is Aviza's advanced generation single wafer ALD system specifically designed to meet the stringent manufacturing requirements at 90-nm node, with the flexibility and extendibility to meet the technology challenges of R&D and volume production starting at 65-nm node and beyond. The tool's innovative chamber design was computer modeled to provide the highest degree of process control with increased wafer throughput and minimum defect formation—resulting in low CoO and high product yields. The system is capable of integrating up to five process modules around a production proven central hub (same reliable platform as our single-wafer Sigma f<sub>x</sub>P PVD, Omega f<sub>x</sub>P etch and Planar 300 CVD systems), which ensures high productivity in a small footprint. Celsior is designed as 200mm/300mm bridge tool, offering the flexibility to process 200mm and/or 300mm wafers on the same platform.

#### **Safe Harbor**

This press release contains forward-looking statements. These forward-looking statements are based on our management's current expectations and beliefs and involve numerous risks and uncertainties that could cause actual results to differ materially from expectations. You should not rely upon these forward-looking statements as predictions of future events because we cannot assure you that the events or circumstances reflected in these statements will be achieved or will occur. These forward-looking statements include, but are not limited to, the statements made by Subrata Chatterji and all statements containing the words "believes," "expects," "may," "will," "should," "seeks," "intends," "plans," "estimates" or "anticipates" or the negative of these words and phrases or other variations of these words and phrases or comparable terminology. Many factors could cause our actual results to differ materially from those projected in these forward-looking statements. Some of these factors and other important factors are detailed in our various Securities and Exchange Commission filings, particularly in our most recent Annual Report on Form 10-K and Quarterly Report on Form 10-Q, as amended, copies of which are available from us without charge. Please review these filings and do not place undue reliance on these forward-looking statements. We assume no obligation to update forward-looking statements.

#### **About SVTC Technologies**

SVTC Technologies provides complete access to a full-scale, 8-inch process development foundry where customers develop their products on silicon with a full complement of advanced CMOS equipment, Development Support Tools and Expertise, and Commercialization Services. Through superior cycle times, cost-effective development and faster time to revenue, SVTC delivers operational excellence and accelerates the commercialization of innovative technologies to real, manufacturing-ready products for the rapidly growing novel memory and transistor, MEMS/MOEMS, photovoltaic, bio-tech and hi-voltage markets.

More information can be found at <http://www.svtc.com/>.

SVTC, the SVTC logo, Lab to Fab and Make Your Own Silicon History Here, are trademarks of SVTC Technologies. LLC.

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**About Aviza Technology, Inc.**

Aviza Technology, Inc. designs, manufactures, sells and supports advanced semiconductor capital equipment and process technologies for the global semiconductor industry and related markets. The company's systems are used in a variety of segments of the semiconductor market, such as advanced silicon for memory devices, advanced 3-D packaging and power integrated circuits for communications. Aviza's common stock is publicly traded on the NASDAQ Global Market (NASDAQ GM: AVZA). Aviza is headquartered in Scotts Valley, Calif., with manufacturing, R&D, sales and customer support facilities located in the United Kingdom, Germany, France, Taiwan, China, Japan, Korea, Singapore and Malaysia. Additional information about the company can be found at <http://www.aviza.com>.

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