



GSI Technology Announces Immediate Availability of 72Mbit ECCRAMs™ for High Data Integrity Applications

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SUNNYVALE, Calif., May 17, 2011 (BUSINESS WIRE) -- **GSI Technology, Inc. (NASDAQ:GSIT)** today announced immediate availability of the industry's first family of commercial, ultra-low error rate SRAMs--GSI's ECCRAMs™. The new 72Mbit devices transparently encode and store error correction codes with every write and then read, decode and, if necessary, correct bit errors using a fast ECC algorithm. With no speed penalty, the device automatically corrects bit flips due to radiation particle strikes. Accelerated testing in high-energy particle beam tests shows that the SRAMs can be expected to demonstrate a vanishingly small Soft Error Rate (SER) of less than 0.002 FITs/Mb--a 5-order-of-magnitude improvement over comparable technologies with no on-chip ECC.

ECCRAMs are members of GSI's 2nd and 3rd generation SigmaQuad(TM) and SigmaDDR(TM) SRAM families. They are available in a variety of packages and performance points, and are qualified for immediate volume production.

"Shrinking process feature sizes continues to make dealing with both Alpha and Neutron particle strikes more and more challenging," said David Chapman, VP of Marketing and Applications Engineering at GSI Technology. "GSI has been leading the industry in addressing this problem with both process improvements and architectural adaptations for several years now; however, this new attack on the problem finally puts it to rest. Airborne applications are no longer an issue."

Availability

GSI Technology's ECCRAM products are ready for customer orders now. Visit <http://www.gsistechnology.com/GSIT-ECCRAM-72Mb.htm> for additional configuration details and ordering information, or contact us at samples@gsistechnology.com.

About GSI Technology

Founded in 1995, GSI Technology, Inc. is a provider of high performance semiconductor memory solutions to networking, industrial, medical, aerospace and military customers. The company is headquartered in Sunnyvale, California, and has sales offices in the Americas, Europe and Asia. For more information, please visit <http://www.gsistechnology.com>.

SOURCE: GSI Technology, Inc.

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