



GSI Technology Announces Immediate Availability of World's Fastest Type-II+ SRAMs

April 21, 2011

SUNNYVALE, Calif., Apr 21, 2011 (BUSINESS WIRE) -- GSI Technology, Inc. (NASDAQ: GSIT) today announced immediate sample availability of the industry's fastest 165 BGA SigmaQuad-II+ SRAMs. Offered in both x18 and x36 data bus widths in both Burst of 2 and Burst of 4 configurations, the new 72Mbit SigmaQuad-II+ devices deliver clock speeds of 633 MHz and up to 1 billion transactions per second, enabling system upgrades to 165 BGA users without requiring PC board, power supply, or RAM controller re-design. They are compatible with existing 165 BGA Quad devices, delivering 2.5 cycle read latency in all modes of operation. This allows manufacturers of network switches, routers and aggregation platforms to boost performance by simply increasing clock speeds without any changes to their host chip logic, power supply voltages or their board design.

The new SigmaQuad-II+ SRAMs are offered in Burst of 4 configurations and Burst of 2 configurations. The Burst of 4 devices deliver a transaction rate (TR) of 633 million transactions per second, operating at clock speeds of 633 MHz, the highest clock speed available for a 165 BGA Quad SRAM. The Burst of 2 versions operate at a frequency of 500 MHz and offer a TR of 1 billion transactions per second. This means they not only double the TR of the prior generation Burst of 4 devices running at the same frequency, they outperform currently announced future Burst of 2 products from other vendors by 100 million transactions per second.

"Although our SigmaQuad-IIIe SRAMs eclipse the performance of these devices, these are still the fastest available in the traditional 165 BGA Quad SRAM pinout," said David Chapman, VP of Marketing and Applications Engineering at GSI Technology. "Our Type-IIIe products offer much better signal integrity, lower power supply and interface voltages and better thermal characteristics than the old 165 BGA standard, but for people who want to push an old board and the associated host chip as far as it will go, these are as fast as or faster than any other vendor has ever talked about offering. The big difference, of course, is that we can deliver them now."

Availability

GSI Technology's SigmaQuad-II+ products are ready for customer orders now. For more information please contact samples@gsitechnology.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.gsitechnology.com>.

SOURCE: GSI Technology, Inc.

GSI Technology, Inc.
David Chapman, 512-346-7180
VP of Marketing and Applications Engi