

PRESS RELEASE

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Johnstech Edge 400a Contactors Featured on New King Tiger Testers

Minneapolis, MN – Johnstech International Corporation (www.johnstech.com), a leading manufacturer of Test Contactors for the semiconductor industry, is pleased to announce that King Tiger Technology, Inc. (www.kingtigertech.com) has chosen to use Johnstech Edge 400a Test Contactors on their new KT-3 Series Testers, for testing DDR3, DIMM's and SODIMM's. Demonstrations of this technology alliance premiered at the Intel Developers Forum (IDF) in August and also at the SEMICON Taiwan Show this past week.

The Edge 400a Series of Test Contactors, officially released in July 2007, was designed specifically to meet the challenges of today's low-voltage (1.8V & 1.5V) high-speed DDR3 Memory Modules. The patented technology combines a modular design for easier component configuration/replacement and improved warped-Module handling capability, with the Johnstech hallmark of excellent electrical performance and mechanical reliability. Standardized Reference Designs (to JEDEC specs) are offered in Johnstech's SelecTest Program for quick order turn. To meet multi-site requirements, Standard and Custom designs are available for 8, 16, 32 and 64 parallel test options. Edge 400a is also used in DIMM, DDR-DDR5 and PCI®/PCI Express® applications. Here are Electrical Specifications for 1.0mm Pitch:

- Insertion Loss: -1dB @ 12.2 GHz
- Return Loss: -20dB @ 2.8 GHz
- Crosstalk: -20 dB @ 20.5 GHz
- Leakage current: < 10 pA @ 10 V
- Self Inductance: 0.82 nH
- Mutual inductance: 0.31 nH
- Self Capacitance: 0.56 pF
- Mutual Capacitance: 0.21 pF

KingTiger has combined a traditional Automatic Test Equipment (ATE)-style Tester with their new, patented Behavioral Test Technology (BTT) to produce a revolutionary new test system. The KT-3 Series Tester offers advanced programming features and high frequency testing on DDR2/DDR3 devices and modules. BTT enables Test Engineers to use actual applications such as PC's as test pattern generation sources, thus more closely replicating real world test conditions.

“When testing modules at DDR3 speeds, it is critical to have a socket that is not only reliable, but offers the kind of performance and signal integrity necessary for accurate testing. We felt like the Edge Series Contactors from Johnstech really excelled in all areas and that is why we have chosen to design them in for our test fixtures on the new KT-3 series Testers.” **Casey Pankonien, President, King Tiger Technology, Inc.**

“Sockets are a key piece of the Tester architecture because they have to be robust in order to survive manufacturing environments and still have the performance to test memories at speed without signal degradation. Johnstech has consistently been the market leader in socket technology, but their service after the sale is a real difference maker as well.” **Sunny Chang, Chief Operating Officer, King Tiger Technology (Canada), Inc.**

Johnstech International Corporation designs and manufactures Test Contactors for the semiconductor industry. The company’s patented technologies were introduced to the market in 1992. Johnstech is headquartered in Minneapolis, Minnesota with worldwide sales and support offices.

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