



FCI's BERGSTAK[®] 0.8mm Connectors Support 8 GT/s PCI Express* Signaling

SINGAPORE (August 2, 2013) — **FCI**, a leading supplier of connectors and interconnect systems, has successfully demonstrated the BERGSTAK[®] 0.8mm mezzanine connectors' capability to support PCI Express* 3.0 signaling at 8 GT/s.

"When evaluated with the recommended wiring pattern and PCB footprint, the BERGSTAK[®] 0.8mm family met the PCI Express connector signal integrity requirements for differential insertion loss, return loss, near-end crosstalk and intra-pair skew to support signaling at the 8 GT/s data rate," said Raymond Yuen, FCI portfolio director. "The results demonstrate that the BERGSTAK[®] 0.8mm connectors can effectively support the doubling in data throughput that PCI Express 3.0 provides over its predecessor."

The compact, dual-row BERGSTAK[®] 0.8mm pitch connector series is available in 40 to 200 positions in increments of 20 positions. PCIe 3.0 signal performance is demonstrated up to 10mm stack height. The wide spectrum of circuit sizes and stack heights allows this connector family to support evolving designs and mechanical requirements in a variety of board-stacking applications

All connectors in the BERGSTAK[®] 0.8mm family feature a robust blade-on-beam contact design at the mating interface and surface-mount termination at the PCB interface to maximize connection integrity. Connector polarization at the mating interface, along with ample lead-in angles, produces easily repeatable mating that is precise and reliable.

FCI's versatile BERGSTAK[®] 0.8mm connectors are ideal for mezzanine applications in computing, communications, industrial, medical and test equipment.

For more information about BERGSTAK[®] 0.8mm board-stacking connectors, including the PCI Express simulation report, please visit www.fci.com

PCI Express* is a trademark of PCI-SIG.

Press contacts:

Text100 Public Relations

Lim Choon Hong Tel: +65 6603 9000

sgfci@text100.com.sg

FCI

Evelyn Wee Tel: +65 6549 6676

evelyn.wee@fci.com

About FCI Electronics

With 6,500 employees globally and sales of 555M USD in 2012, FCI Electronics is a leading global manufacturer of interconnects and cable assemblies that combines a broad product offering with field engineering resources to meet specific customer needs. FCI Electronics delivers proven connections and innovative solutions for various markets such as datacom, telecom, consumer, industrial, instrumentation, medical and renewable energy.

FCI Electronics' full portfolio comprises proven legacy products and innovative new designs including backplane connectors, board and wire systems, active optical cables, transceivers, fiber optic adaptors, high-speed connectors, I/O connectors, mezzanine connectors, PCB terminal blocks, flex connectors, power solutions, storage interfaces and custom cable assemblies. For more information, please visit us at www.fci.com.