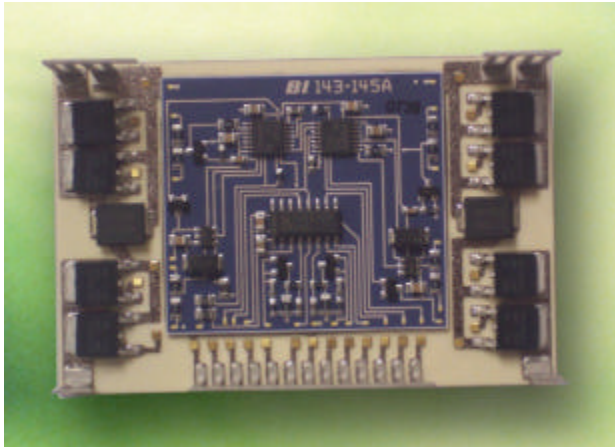


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*Custom hybrid module combines power and signal technologies in compact package...*

## **BI TECHNOLOGIES OFFERS INTEGRATED CONTROL AND POWER HANDLING HYBRID SOLUTIONS**

AUSTIN, TX (February 26, 2008) – Providing power electronics design engineers with a high power, thermally efficient hybrid solution, TT electronics BI Technologies has combined its small signal and power hybrid technologies to develop an integrated control and power handling hybrid solution.

While conventional assemblies require larger packaging to provide adequate thermal management, BI technologies' hybrid module combines thermally conductive ceramic substrates with discrete components or bare die through the use of vacuum low flow die attach, providing a smaller, more efficient solution than comparable products.

“With comprehensive in-house design, layout, manufacture and test capability, including environmental testing, along with the ability to combine both power and control electronics into one module, we are able to provide our customers with the hybrid designs required to suit any applications,” said Chuck Nelson, product manager for BI Technologies.

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## **BI OFFERS INTEGRATED CONTROL AND POWER HANDLING HYBRID SOLUTIONS, PG. 2**

Typical applications for the custom hybrid modules include motor drives, power amplifiers and power conversion. The hybrid module is capable of handling power to 100A, with a voltage rate of 1000V.

BI Technologies is on the DSCC Qualified Manufacturer List of hybrid electronics suppliers (QML). All qualified products meet the stringent requirements of MIL-PRF-38534, Class H.

For more information about BI Technologies' hybrid microcircuit products and capabilities, contact BI Technologies at 714-447-2345, by fax at 714-388-0046; by mail at 4200 Bonita Place, Fullerton, CA 92835; or visit: <http://www.bitechnologies.com/products/microcircuits.htm>.

BI Technologies has been an innovator and leader in electronic components for more than 50 years. The company is a global manufacturer of trimming and precision potentiometers, position sensors, turns-counting dials, chip resistor arrays, resistor networks, integrated passive networks, transformers, inductors, hybrid microelectronics and custom integration products for communication, computer, automotive and industrial applications.

BI Technologies serves a global customer base with manufacturing locations in the United States, Mexico, Scotland, Japan, China and Malaysia.

TT Electronics plc is a global electronics company manufacturing a broad range of advanced electronic components, assemblies and sensor modules for the automotive, industrial, telecommunication, computer and aerospace markets.

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**Keywords:** *The electronics image, chip, 100A, 1000V, power*  
module  
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