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Contacts:

Media Contact:

Karina Seifert
Phone: +49 (0)89 878067-115
karina.seifert@vincotech.com

Product Contact:

Andreas Johannsen
Phone: +49 (0)89 878067-145
andreas.johannsen@vincotech.com

VINCOTECH RELEASES NEW IPM SOLUTION

-- *This new IPM solution integrates the most common power components for embedded drives with a complete driver circuit and sense resistors in a compact, durable housing.* --

Munich/Germany, May 04, 2010 – Vincotech, a supplier of module-based solutions for power electronics, today announced the release of a new product family called *flowIPM 1B*. This new compact intelligent power module (IPM) integrates power semiconductors for rectifier, inverter, and power factor correction (PFC) with a driver circuit and sense resistors.

The new *flowIPM* is destined primarily for embedded motor drives for fans, pumps, professional power tools, and similar applications. Its integrated PFC circuit helps to achieve maximum power efficiency, while its compact design and sophisticated thermal management make it the solution of choice for tight spaces. The module comes in a 17-mm high *flow 1B* housing measuring just 72 mm by 36 mm.



Unlike most other IPM designs, Vincotech's *flowIPM* integrates not only the inverter, but also a rectifier, PFC circuit, and an entire driver circuit in a single module, with no extra external components required. The integrated shunts enable ultra precise current sensing for the PFC and inverter.

The *flowIPM 1B* family comprises four types. 4A and 10A versions are available for the inverter section. The PFC circuit can be optionally equipped with a highly efficient SiC diode. Other options such as press-fit technology or phase-change material are also available on demand.

Serial production is slated for June 2010, but *flowIPM 1B* samples are available now. To learn more, please visit <http://www.vincotech.com/en/products/power/flowIPM>

ABOUT VINCOTECH

Vincotech develops and manufactures subsystems and electronic components and offers manufacturing services geared to help customers master complex challenges in electronics integration. Vincotech's extensive portfolio encompasses standard and tailored solutions, engineering services, and technical support for customers worldwide. These products and services contribute to sustainable, environmentally sound solutions that help modern society embrace mega-trends and explore new avenues.

With approximately 500 employees worldwide, backed by vast experience and a long history in electronics integration, Vincotech leverages these assets to help customers achieve maximum market success.

To learn more about Vincotech, please visit www.vincotech.com.

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