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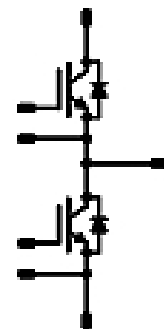
VINCOTECH INTRODUCES A NEW FAMILY OF COMPACT, HALF-BRIDGE POWER MODULES -- *flowPHASE 0 2nd gen.* -- new baseplate-less power modules with a remarkably compact footprint --

Unterhaching, Germany - December 7, 2011. [Vincotech](#), a supplier of module-based solutions for power electronics, has added a new family of power modules to its portfolio of baseplate-less half-bridges ranging up to 1200V/ 150A and 600V/ 200A. [flowPHASE 0 2nd Generation](#) enables you to downsize your design, select the optimum chipset from a wide range of readily available components, and still use the same PCB.

With the new [flowPHASE 0 2nd Generation](#) power modules Vincotech's portfolio of baseplate-less half-bridges now encompasses a new and remarkably compact line of products ranging from 50 to 150A and 75 to 200A for 1200 and 600V, respectively. Alongside the standard types with low saturation voltage, Vincotech also offers fast modules with 1200V/ 100A. This new addition to the [flow 0](#) portfolio features a footprint with optimized power flows and enables low-inductance designs with best-in-class EMI performance.

The overall portfolio of [flow 0](#) half-bridges comprises ten different bases available in 66-by-33 mm housings measuring 12 and 17 mm in height, with a standard or an AIN DCB for improved thermal resistance. Optional solder or [Press-fit pins](#) enable cost-effective assembly.

[flowPHASE 0 2nd Generation](#) is also available with [pre-applied thermal interface material](#). This highly conductive, 3.4 W/mK material simplifies assembly and further improves thermal impedance. These modules are in serial production and samples are available now. To learn more about Vincotech's power



module products, please visit http://www.vincotech.com/products/by-topologies.html?rpm_id=1

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ABOUT VINCOTECH

Vincotech – an independent operating unit within Mitsubishi Electric Corporation – develops and manufactures subsystems and electronic components and provides manufacturing services that 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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