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VINCOTECH RELEASES A FAMILY OF LOW INDUCTIVE INVERTER MODULES

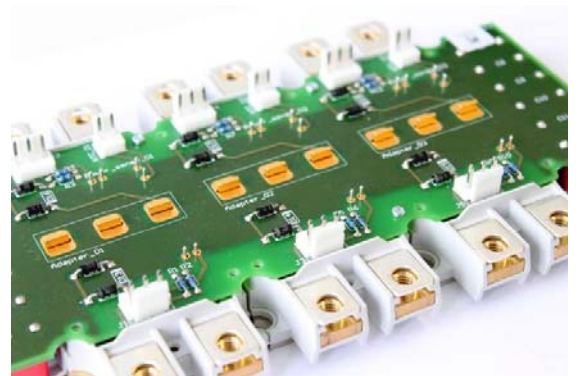
-- *flowPHASE 2 S enables high-performance switching for applications beyond 100 kW.* --

Munich/Germany, May 04, 2010 – Vincotech, a supplier of module-based solutions for power electronics, today announced the release of a new family of products called *flowPHASE 2 S*. Designed for fast-switching power applications beyond 100 kW, these new modules provide an ultra-low inductive path for transient current.

Parasitic inductances are a major problem in power modules, particularly in fast-switching applications. To solve this problem, Vincotech has added an ultra-low inductive path for transient current to today's standard power module design. This reduces parasitic inductance in the new *flowPHASE 2 S* to 7nH.

Some of the *flowPHASE 2 S* family's benefits:

- Reduced DC link stray inductances courtesy of:
 - Capacitors on board the PCB
 - Added ultra-low inductive path with internal bridges
 - Parallel connection of the 3 modules' DC link inputs
- Excellent symmetry of the power semiconductor
- Excellent symmetry of the gate signal
- Higher nondestructive short-circuit current
- Less voltage overshoot at high current cutoff
- Optional external capacitors enhance dynamic response
- Works at higher switching frequencies up to 20 kHz



Product code	Short code	Characteristics	Chip technology
S2062PA300SA	P815-F	600V / 300A	IGBT3
S2062PA400SA	P816-F	600V / 400A	IGBT3
S2122PA200FE	P818-F20	1200V / 200A	IGBT2 Q Phantom Speed IGBT
S2122PA200SC	P818-F	1200V / 200A	IGBT4
S2122PA300SC	P819-F	1200V / 300A	IGBT4

*flow*PHASE 2 S modules come in 17-mm high *flow*SCREW 2 housings measuring 117 mm by 64 mm. They are in serial production and samples are available. To learn more about Vincotech's power modules, please visit:

<http://www.vincotech.com/en/products/power/products-by-topology.php>

Vincotech is a registered trademark.

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 600 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 the company's website at www.vincotech.com

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