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VINCOTECH RETURNS TO RESURGENT PCIM WITH TOP-NOTCH TECH

-- Vincotech to present new VINcoPress and other advanced technologies at PCIM tradeshow in Hall 7, stand 411, in Nuremberg, Germany --

Unterhaching, Germany, May 9, 2022. Vincotech, a supplier of module-based solutions for power electronics, is returning to the PCIM, the world's leading power electronics expo and conference, with a showcase of solutions for Motion Control, Renewable and Power Supply applications. The company's latest technologies and innovations, such as VINcoPress, will feature prominently.

The semiconductor industry's annual event, the PCIM is back after a two-year break. Vincotech is delighted to be rejoining the fair. "We have a host of highlights to show customers and prospects. Solutions in Power Factor Correction topologies, VINcoPress technology and the new *flow* E3 housings benefit the industry in so many ways," says Edoardo Guiotto, VP Sales and Marketing.

New **Current Synthesizing PFC (CSPFC) topology** provides highest efficiency at lowest total system costs through reduced number of SiC devices, and reduced number and size of the PFC inductors. It is an attractive candidate for three-phase PFC applications, where a balanced load is a given, such as motion control, EV-charging, renewable energy and UPS systems for data centers.



VINcoPress is a direct-pressed substrate technology engineered for superior thermal performance. It distributes pressure and R_{th} uniformly, increases modules' power capability and power density, and provides a rugged, reliable heat sink assembly.

New housings are here to enhance Vincotech's line of baseplate-less, 12-mm, low-inductive power modules. Bringing the benefits of industry-standard *flow* E housings to the higher power range,

the new *flow* E3 modules enable engineers to boost legacy designs' power with just minor mechanical adjustments. Both *flow* S3 and *flow* E3 lines now also feature VINcoPress alongside Vincotech's pre-applied phase-change thermal interface material (PC-TIM), advanced die-attach technology and an optional AlN DCB.

Vincotech also makes 3 presentations at PCIM:

Wednesday, May 11

14:00 - 14:20 Exhibitor forum

Tiago Jappe: *System Cost Reduction with Vincotech's Three-Phase ANPFC Power Modules for Grid-Connected Converters such as Chargers, Heat Pumps and UPS Applications*

Thursday, May 12

10:25 - 10:45 Exhibitor forum

Gábor Manhertz: *VINcoSIM - Web-based Simulation of Vincotech Power Modules in your Application*

11:30 Conference, Room: München 2

David Chilachava: *Highly Efficient PFC Topology Using Constant Power Control Enabling Higher Power Density and Cost Savings in Passives*

All this and much more will be displayed at Vincotech's booth in hall 7, stand 411 at this year's PCIM show from May 10 through 12.

More information at vincotech.com/PCIM2022summary

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ABOUT VINCOTECH

Vincotech – an affiliated company within the 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 700 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