



## HITACHI status update of the next High Power Density Dual

Hitachi Power Semiconductor Device Ltd. Announced the development of new open standard package for next generation high voltage platform in Sep. 2014. This bulletin highlights the latest update which will be presented at PCIM Europe 2015.

http://www.hitachi-power-semiconductor-device.co.jp/product/igbt/pdf/nHPD2.pdf

nHPD² is equipped with **current sensing auxiliary terminals**. During the PCIM Europe 2015 conference, the effects of the sensing terminals are presented showing promising results. Please join the conference or visit to discuss with our engineers on 19th May 2015, from 14:00 at Room "Brüssel".

A concept power unit assembled using nHPD² modules will be displayed at the Hitachi exhibition booth (Stand 7-348) to highlight the compact low inductance design. With special thanks to Rogers, Electronicon and Hitachi Chemical. Direct liquid cooling to enable a significant increase in output power, up to 30% will be exhibited too.

Please give us your opinion and feedback. Visit the exhibition stand to speak with the presenter at our booth or email nHPD2@hitachi-eu.com.

Testing samples of nHPD<sup>2</sup> 1700V (MBM900FS17F) and 3300V (MBM450FS33F) are available now. Please contact our sales representatives.

Datasheets are uploaded at:

MBM900FS17F:

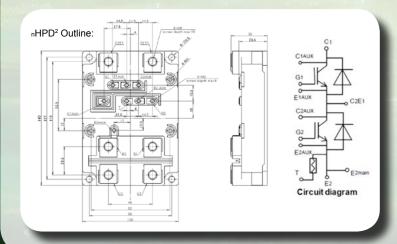
http://www.hitachi-power-semiconductor-device.co.jp/en/product/igbt/pdf/mbm900fs17f.pdf MBM450FS33F:

http://www.hitachi-power-semiconductor-device.co.jp/en/product/igbt/pdf/mbm450fs33f.pdf

**Hybrid** nHPD² using Si-IGBT and SiC Schottky Barrier Diode is now also available to order, rated 450A/3300V.

**Outline drawings** are modified to meet the market demand of standardization. If you require 3D drawings to assist with mechanical design, please contact our sales representatives or your regional Hitachi distributor.

http://www.hitachi-power-semiconductor-device.co.jp/en/inquiry.html





## Contact us

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