
Vw high power inverter

Why did Volkswagen invest in onsemi traction inverter power system?

The investment would establish an end-to-end production facility in Europe for the traction inverter power system. The proximity of onsemi's facility would fortify Volkswagen Group's supply chain while improving logistics and allowing for faster integration into the manufacturing process. More Information: About onsemi

Does Volkswagen have a pulse inverter?

In addition to the battery and the electric drive, Volkswagen Group Technology is now also developing the pulse inverter and the thermal management itself for electric drives. As with other components, the VW developers have opted for a modular system. The first application will be in the MEB+.

What makes Volkswagen Group A complete power system solution?

"By offering a complete power system solution that encompasses the entire power sub-assembly, we provide Volkswagen Group with a single, simplified modular and scalable platform that maximizes efficiency and performance for their vehicle lineup," said Hassane El-Khoury, president and CEO of onsemi.

What are traction inverter chips?

These chips are integral to a larger system optimization, addressing the front and rear traction inverters of VW models. Initially, onsemi will provide its EliteSiC 1200 V traction inverter power modules. These modules are designed to be pin-to-pin compatible, simplifying adaptation to various motor types and power levels.

Volkswagen Group Technology develops complete drive system for electric cars In addition to the battery and electric motor, in future the technology powerhouse of the Group will also develop ...

Onsemi has announced a landmark supply agreement with Volkswagen (VW) - the world's second-largest automaker - to provide a ...

onsemi (Nasdaq: ON) announced today it has signed a multi-year deal with Volkswagen Group to be the primary supplier of a complete power box solution as part of its ...

In addition to the efficiency of the pulse inverters and thermal management systems, the ongoing development also focuses on ...

The power module implements the EDT2 IGBT chip generation, which is an automotive micro-pattern trench-field-stop cell ...

The two companies are developing a complete traction inverter solution, based on SiC power modules, for next-gen electric ...

onsemi has entered into a strategic partnership with Volkswagen AG (VW) to supply power modules and chips for a ...

onsemi has just entered into a multi-year agreement with Volkswagen Group to serve as the main provider of a comprehensive ...

onsemi announced it has signed a multi-year deal with Volkswagen Group to be the primary supplier of a complete power box ...

A scalable solution for the Volkswagen Group "Software is a key component to unlocking the full potential of power electronics. By understanding and mastering it in-house, ...

onsemi has signed a multi-year deal with Volkswagen Group to be the primary supplier of a complete power box solution as part of its next-generation traction inverter for its ...

The solution features silicon carbide-based technologies in an integrated module that can scale across all power levels - from high power to low power traction inverters to be ...

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