

ROHM and Schaeffler have started mass production of a new high-voltage inverter brick equipped with ROHM's SiC (silicon carbide) MOSFET bare chips as part of their strategic ...

The ultra-small MAX870/MAX871 monolithic, CMOS charge-pump inverters accept input voltages ranging from +1.4V to +5.5V. The MAX870 ...

The demand for **energy efficiency** and **ultra-fast charging** in electric vehicles (EVs) is forcing radical shifts in the design priorities of 800V silicon carbide (SiC)-based high ...

ROHM's SiC MOSFETs Adopted in Schaeffler's New Inverter Brick - Now in Mass Production Provided by GlobeNewswire Sep 4, 2025, 2:30:00 PM

As part of their strategic partnership (initiated in 2020), Japan's ROHM Co Ltd and Germany-based automotive supplier Schaeffler (formerly Vitesco Technologies) have started ...

Solar inverters ABB central inverters ULTRA-750/1100/1500 750kW to 1560kW ABB's utility-scale ULTRA inverters ULTRA inverters are rugged. Highlights: ...

Hitachi Automotive Systems, Ltd. announced the start of mass production for their 800-Volt compatible high voltage and high output electric ...

Medical Equipment: Ultra-high voltage capability for X-ray generators, CT power supplies, and ultrasound drivers. AI Servers & Data Centers: Reliable power delivery with high ripple current ...

Review of Recent Trends in Design of Traction Inverters for Electric Vehicle Applications Chandra Sekhar Goli<sup>1</sup>, Somasundaram Essakiappan<sup>2</sup>, Prasanth Sahu<sup>3</sup>, Madhav Manjrekar<sup>1,2</sup> Nakul ...

The Schaeffler inverter subassembly functions as the fundamental power electronics brick that governs the electric drivetrain through logic-based control signals. ROHM ...

ACUHV LP Ultra High Voltage Inverters This three-phase bidirectional buck-boost inverter operates within a DC range of 0-2400 V and an AC range of 0-1000 V. ...

5 days ago; Schaeffler has started volume production of its high-voltage inverter brick at its Tianjin site in China, supplying a leading domestic carmaker as part of its push to expand in ...

High voltage using low rating devices: using multilevel inverter, high AC voltage can be generated using low

# Production of ultra-high voltage inverters

voltage rating devices. In case of traditional inverters, the number of switches is ...

2 days ago; It is the first large-scale production of a high voltage inverter brick for leading Chinese automotive manufacturer.

A high voltage inverter is a device that converts the direct current (DC) electricity from solar panels or batteries into high voltage alternating current (AC) ...

Inovance has chosen Infineon for its complete system solution due to superior performance, high scalability and quality leadership, this includes 2nd generation of HybridPACK drive in SiC, ...

First large-scale production of high voltage inverter brick for leading Chinese automotive manufacturer  
Production ramp-up in Tianjin, China within just one year despite ...

High-profile solar projects within Central Europe are adopting high-voltage string inverter solutions such as ABB's award winning PVS-175 to ...

Hitachi Automotive Systems, Ltd. announced the start of mass production for their 800-Volt compatible high voltage and high output electric vehicle (EV) inverter, which ...

What will I get out of this session? Purpose: To provide an overview of complete high voltage power solutions in DC-DC Conversions and Tractions Inverters Introduction

Modular design increases uptime and reduces service and maintenance costs. The low cost of ownership, higher energy production and ease of maintenance combine to make the ULTRA ...

ROHM and Schaeffler have announced the start of mass production for a new high-voltage inverter brick featuring ROHM's silicon carbide (SiC) metal-oxide-semiconductor field ...

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