

Dec 22, 2020&ensp;&#0183;&ensp;Furthermore, based on the inverter nominal current and the injected reactive power to the grid during voltage sags, an analytical algorithm is introduced for the calculation ...

Feb 1, 2024&ensp;&#0183;&ensp;The application note describes an example of motor control design (EV-INVERTERHD) using the NXP family of automotive motor control MCUs based on a 32-bit ...

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Aug 1, 2025&ensp;&#0183;&ensp;The SmartLogger provides simplified active power percentage configuration as well as power control automation, that is, to automatically adjust the active power derating ...

May 18, 2025&ensp;&#0183;&ensp;FPGA to Control Power Electronics During the development of an inverter, control- and power section have to interact smoothly. Highest performance can be achieved by ...

Jan 28, 2025&ensp;&#0183;&ensp;The analysis and design of the grid-forming (GFM) power loop and decoupling control can be challenging due to the coupled high-order system, where active and reactive ...

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selected in modern smart inverters to control inverter reactive power production (or absorption) and ...

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