

Code development of a DSP-FPGA based control platform for power electronics applications

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Galvanically isolated quasi-Z-source DC-DC converters with combined energy transfer for renewable energy sources integration

Chub, Andrii; **Vinnikov, Dmitri**; **Jalakas, Tanel** 2015 IEEE International Conference on Industrial Technology (ICIT 2015) : Seville, Spain, 17-19 March 2015 2015 / p. 2896-2900 : ill <https://doi.org/10.1109/ICIT.2015.7125525> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Quasi-Z-source half-bridge DC-DC converter for photovoltaic applications

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Simulation study of the grid-connected single-phase impedance-sourced NPC inverter with different control methods

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