

**Experimental study of high step-up quasi-Z-source DC-DC converter with synchronous rectification**

**Liivik, Liisa; Chub, Andrii; Vinnikov, Dmitri; Zakis, Janis** 2015 9th International Conference on Compatibility and Power Electronics (CPE) : proceedings : Faculty of Science and Technology (FCT), Caparica, Lisbon, Portugal, 24-26 June, 2015 2015 / p. 409-414 : ill <http://dx.doi.org/10.1109/CPE.2015.7231110>

**On dead-time optimization and active gate driving in flyback converters with synchronous rectifiers**

Philipps, Daniel; Blinov, Andrei; Pefitsis, Dimosthenis IEEE Access 2024 / p. 173146-173155  
<https://doi.org/10.1109/ACCESS.2024.3462956>

**Synchronous rectification in quasi-Z-source converters : possibilities and challenges**

**Liivik, Liisa; Vinnikov, Dmitri; Jalakas, Tanel** 2014 IEEE International Conference on Intelligent Energy and Power Systems (IEPS) : conference proceedings : June 2-6, 2014, Kyiv, Ukraine 2014 / p. 32-35 : ill

**A three-level voltage-source gate driver for SiC MOSFETs in synchronous rectification mode**

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