

OVERLAPPED MODE UNIDIRECTIONAL SWITCHES SRI

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Abstract: *The overlapped operation mode of half-bridge SRI (series resonant inverter) with unidirectional current and bipolar capability voltage switch is analyzed. The analysis for resistive and inductive load is made with the simulation program PSpice. The main diagrams for inverter design are presented.*

Key words: *Series Resonant Inverter, Inverter Design, PSpice, ZVS.*