



Floating Output Interleaved Input DC-DC Boost Converter

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Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Current Ripple Reduced Technique | This Book presents the design and implementation of floating output interleaved input DC-DC boost converter. The DC-DC boost converter has high voltage ratio with reduced input current, output voltage and output current ripple, and also reduces the voltage and current rating of power electronics components and compared with conventional boost converter. The voltage stress on the switches is reduced in this topology. Analysis, design and converter operating wave forms in the continuous conduction mode are provided along with design guidelines. The floating output interleaved input high voltage gain converter is compared with conventional boost converter with hardware and simulation results are verified. | Format: Paperback | Language/Sprache: english | 72 pp.



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