

Switching regulators have low quiescent currents (or standby currents), meaning, they don't consume a lot of energy when they are not active. This makes switch regulators very cost-effective, as they ...

An important design consideration in the Boost regulator is that the output load current and the switch current are not equal, and the maximum available load current is always less than the current rating ...

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Mouser offers inventory, pricing, & datasheets for Inverting Switching Voltage Regulators.

We offer many options for high-voltage linear regulators that are perfect for your current and/or future applications with biasing and LED lighting.

These devices consist of an internal temperature compensated reference, comparator, controlled duty cycle oscillator with an active current limit circuit, driver and high current output switch.

Analog Devices offers a wide range of switching regulators and controllers that operate in step-up (boost), step-down (buck), and inverting modes. These devices are capable of generating a ...

To overcome this problem, complex state variables are used to derive more accurate models of the machine and the inverter. From these, a novel current controller structure employing single-complex ...

We have a diverse and growing portfolio of DC-DC switching converters that efficiently power designs ranging from core supplies needing I2C communication and dynamic voltage scaling capabilities.

SG3525A is a voltage type PWM integrated controller. It has advantages of less external components, good performance, including all required switching regulator control circuit.

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