
60V to 4.5V inverter

What is a 4.5V to 60V input voltage (V_{in})?

The wide 4.5V to 60V input voltage (V_{IN}) range accommodates a variety of step-down applications in automotive input environments. The device's 2μA shutdown mode quiescent current (I_Q) makes it ideal for battery-powered applications.

How many volts can a TPS54560 converter run?

The devices are designed to operate from an input voltage supply range between 4.5 V and 60 V. If the input supply is located more than a few inches from the TPS54560 converter additional bulk capacitance may be required in addition to the ceramic bypass capacitors. An electrolytic capacitor with a value of 100 μF is a typical choice.

What is a TPS54560 reverse voltage?

60 V reverse voltage is preferred to allow input voltage transients up to the rated voltage of the TPS54560. For the example design, the B560C-13-F Schottky diode is selected for its lower forward voltage and good thermal characteristics compared to smaller devices. The typical forward voltage of the B560C-13-F is 0.70 volts at 5 A.

What is a 5V EV kit?

The EV kit is preset for a 5V output at load currents up to 5A and features a 450kHz switching frequency for optimum efficiency and component size. The EV kit features adjustable-input, undervoltage-lockout, adjustable soft-start, open-drain active-low RESET signal, and external clock synchronization.

DC-DC 400W High Power Supply Step Down Module CVCC 10.5V-60V to 0-45V Buck Voltage Converter and other Step Down Module on sale, Arduino, Robotics, Raspberry Pi Zero, ...

TI's TPS54560 is a 4.5V to 60 V input, 5 A step-down converter with Eco-Mode. Find parameters, ordering and quality information

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Purchase hybrid, efficient, and high-low frequency 60v to 5v dc dc converter at Alibaba.com for residential and commercial uses. These 60v to 5v dc dc converter have solar-driven versions too.

I need to convert 3.3v or 5v to 60v-70vAC (to drive PDLC). The current is very low (few mA). I have tried EL wire inverter, it worked fine but they also make high pitched noise (I ...

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