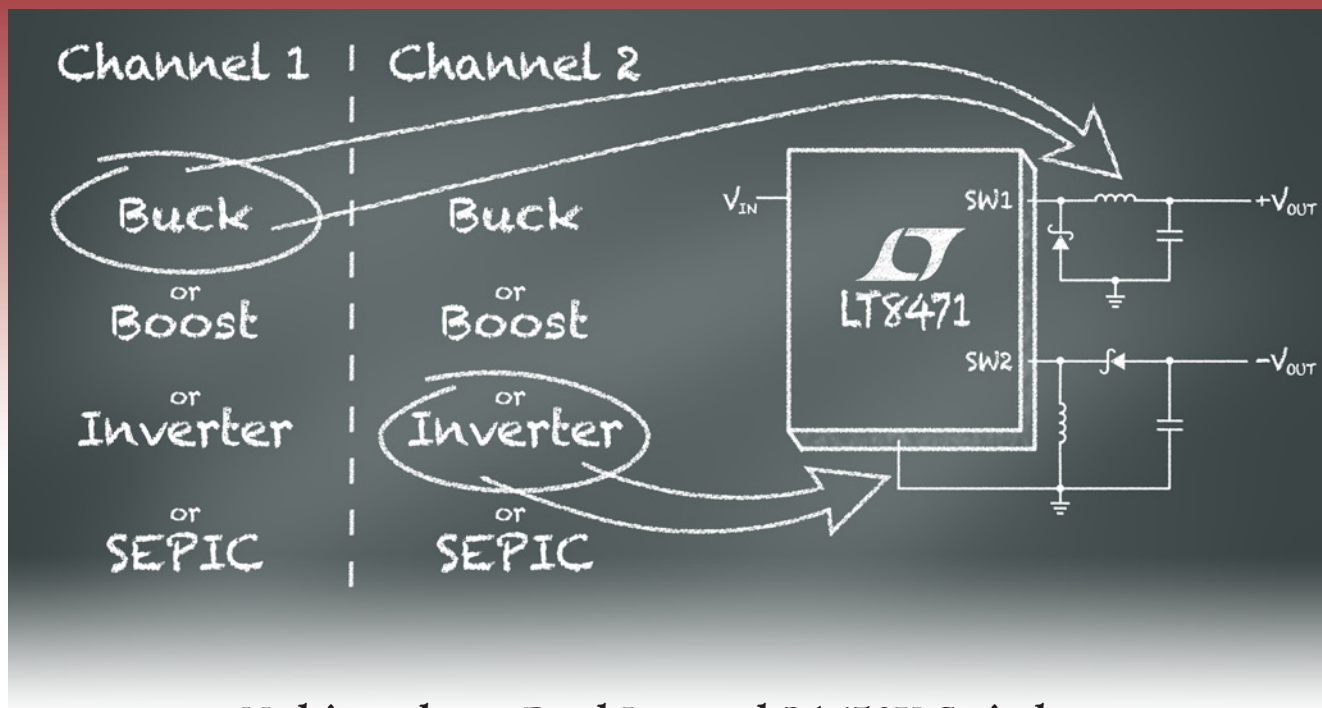


One Switcher Does It All



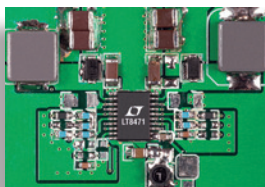
Multitopology, Dual Internal 2A/50V Switches

The LT[®]8471 is our first 50V input-capable dual multitopology DC/DC converter. It has three internal switches, dual 2A/50V and one 510mA/50V. The converter topology of the 2A/50V switches is user selectable from buck, boost, SEPIC, flyback and inverting. Each channel is independent of the other, providing complete autonomous operation with no crosstalk. The 510mA/50V skyhook switch is used as a booster for automotive applications when cold crank conditions of 2.5V inputs need to be supported (if one of the converter topologies is buck mode). The LT8471's anti-phase switching reduces input ripple and its high level of integration ensures a compact solution footprint.

▼ Features

- Dual 2A, 50V Internal Switches
- Internal 510mA Skyhook Switch Efficiently Generates Boosted Input Voltage
- 2A Primary Channels Can Be Buck, Boost, SEPIC, Flyback or Inverting
- Wide Input Voltage: 2.5V to 50V
- Programmable UVLO & OVLO

LT8471 Demo Board



35mm x 24mm
(Actual Size)

▼ Info & Free Samples

www.linear.com/product/LT8471

1-800-4-LINEAR



www.linear.com/solutions/4808

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