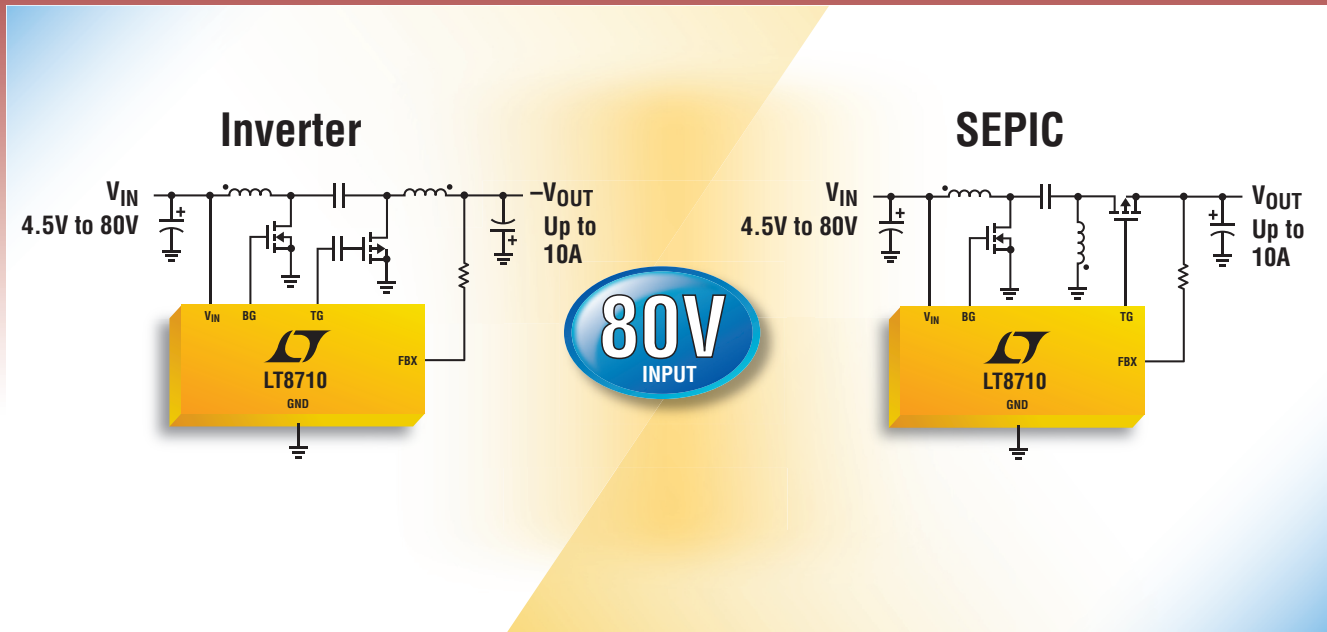


Finally Synchronous Inverter - SEPIC - Boost



150W Multitopology Synchronous Controller Makes It Possible

The LT[®]8710 is a synchronous SEPIC, inverting and boost multitopology DC/DC controller. Its synchronous design uses an NMOS main switch and a PMOS rectifier, increasing efficiency and maximum output current up to 10A without the use of a heat sink. The LT8710's rail-to-rail output current monitor and control is easily configured for current-limited applications such as battery charging. An input voltage regulation pin allows high impedance sources such as solar panels to power device.

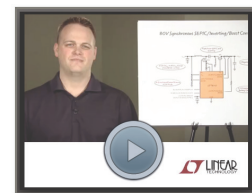
▼ Topology Benefits and Features

Topology	Benefit	Additional Features
SEPIC Step Up/Step Down	Low Input Noise	Wide Input Range: 4.5V to 80V Rail-to-Rail Output Current Monitor
Inverter Step Up/Down	Low Input & Output Noise	
Boost Step Up	High Efficiency Conversion	Input Voltage Regulation for High Impedance Inputs C/10 or Power Good Indicator
Flyback Step Up/Step Down	Multiple Outputs, High Efficiency & Output Current Monitor	Switching Frequency up to 750kHz, Synchronizable to an External Clock

▼ Info & Free Samples

www.linear.com/product/LT8710

1-800-4-LINEAR



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