Extend Battery Life

The LTC3107 is a highly integrated DC/DC converter designed to extend the life of a primary cell battery in low power wireless systems by harvesting and managing surplus energy from extremely low input sources such as thermoelectric generators (TEGs) and thermopiles. Its step-up topology operates from inputs as low as 20mV. This next generation family of energy harvesting ICs includes devices that can handle inputs up to 19V with quiescent currents less than 1µA.

**Part Number** | **V_{in} Range** | **I_{out}** | **Max. Power** | **Energy Source**
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LTC3106* | 0.33V to 5V | 600mA | ~500mW | +Primary Cell
LTC3107 | 0.02V to 0.5V | 30mA | ~90mW | +Primary Cell
LTC3330 | 3V to 19V | 50mA | ~1W | +Primary Cell
LTC3331 | 3V to 19V | 50mA | ~1W | +Primary Cell

*Future Product.

www.linear.com/products/energy_harvesting

1-800-4-LINEAR