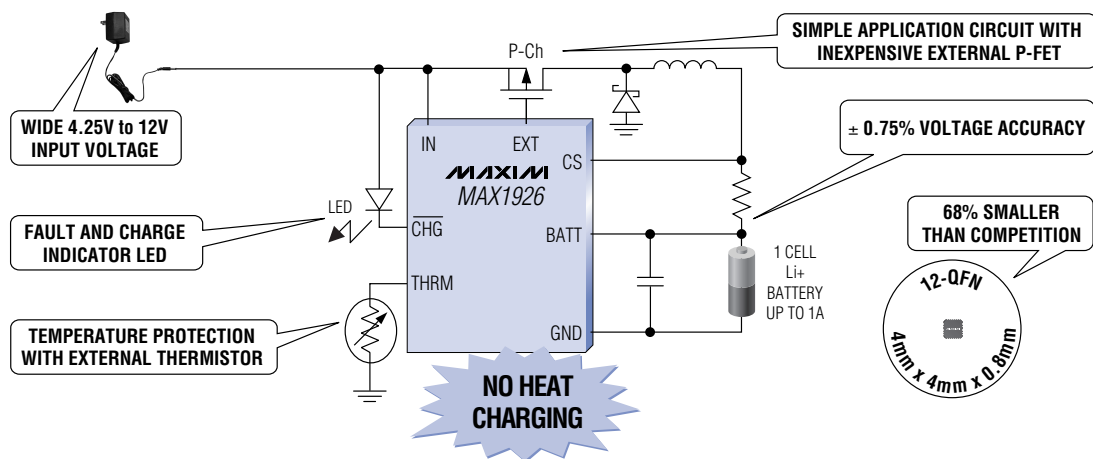


# SMALLEST, SIMPLEST, SWITCH-MODE Li+ CHARGER DISSIPATES NO HEAT

## Low-Cost, Simple Application Circuit for 1-Cell Li+ Charging

The MAX1925\* and MAX1926 are single-cell lithium-ion (Li+) switch-mode battery chargers for use in digital still cameras (DSCs) and PDAs. The MAX1925/MAX1926 use an external PMOS pass element step-down configuration for high efficiency. Additional features include automatic input power detection, logic-controlled enable, and temperature monitoring with an external thermistor. The MAX1925 disables charging for inputs greater than 6.1V, while the MAX1926 charges for inputs between 4.25V and 12V.



- ◆ 4.25V to 12V Input Range
  - ◆ ±0.75% Battery Regulation Voltage
  - ◆ Adjustable Charge Current
  - ◆ LED (or Logic-Out) Charge Status and Fault Indicator
- ◆ Programmable Safety Timer
  - ◆ Thermistor Monitor Input
  - ◆ EV Kit Available to Speed Design
  - ◆ Priced at \$1.70<sup>†</sup>

\*Future product—contact factory for availability.

<sup>†</sup>1000-up recommended resale. Prices provided are for design guidance and are FOB USA. International prices will differ due to local duties, taxes, and exchange rates. Not all packages are offered in 1k increments, and some may require minimum order quantities.



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