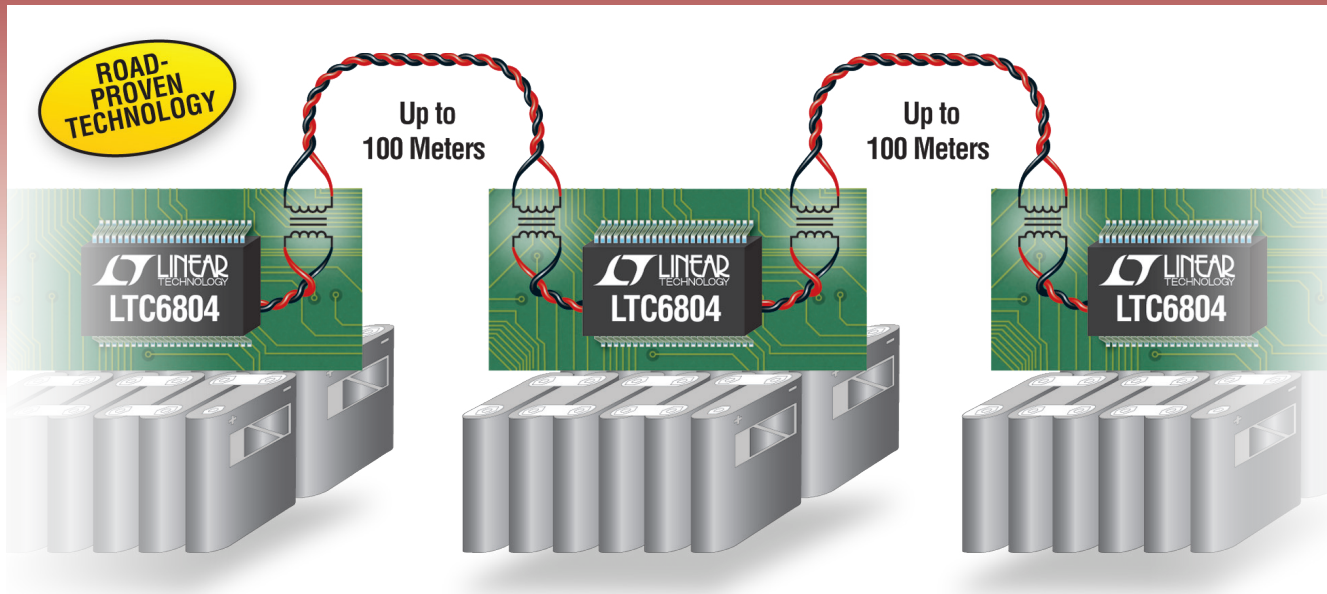


1.2mV Accurate, Noise Immune Battery Stack Monitor



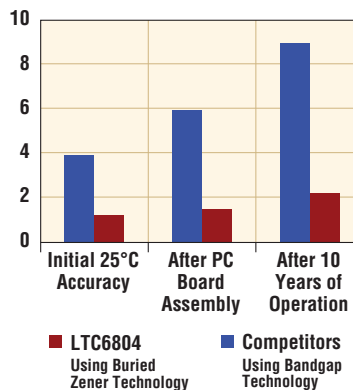
Maximize Battery Pack Safety, Life, Capacity & Driving Range

Safely extract the potential of large battery packs via precise monitoring of every cell. The LTC[®]6804 Battery Monitor measures cell voltage with less than 0.04% error, guaranteed. Measurement stability over time, temperature and operating conditions is achieved with a buried Zener voltage reference, similar to those in precision instrumentation. A programmable 3rd order noise filter keeps noise from corrupting cell measurements, and a 2-wire isoSPI™ interface provides a cost-effective, noise immune, 100 meter interconnection for multiple LTC6804s.

▼ Features

- Total Measurement Error <1.2mV
- Long Term Stability Assured with Laboratory-Grade Voltage Reference
- isoSPI, Isolated 2-Wire Interconnection up to 100 Meters
- 290µs to Measure All Cells
- Passive Cell Balancing
- 4µA Sleep Mode Supply Current
- AEC-Q100
- Engineered for ISO 26262 Compliance

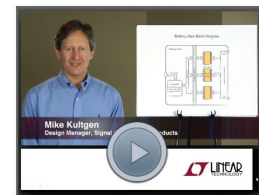
Measurement Error (mV) when Measuring a 3.3V Cell



▼ Info & Free Samples

www.linear.com/product/LTC6804

1-800-4-LINEAR



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