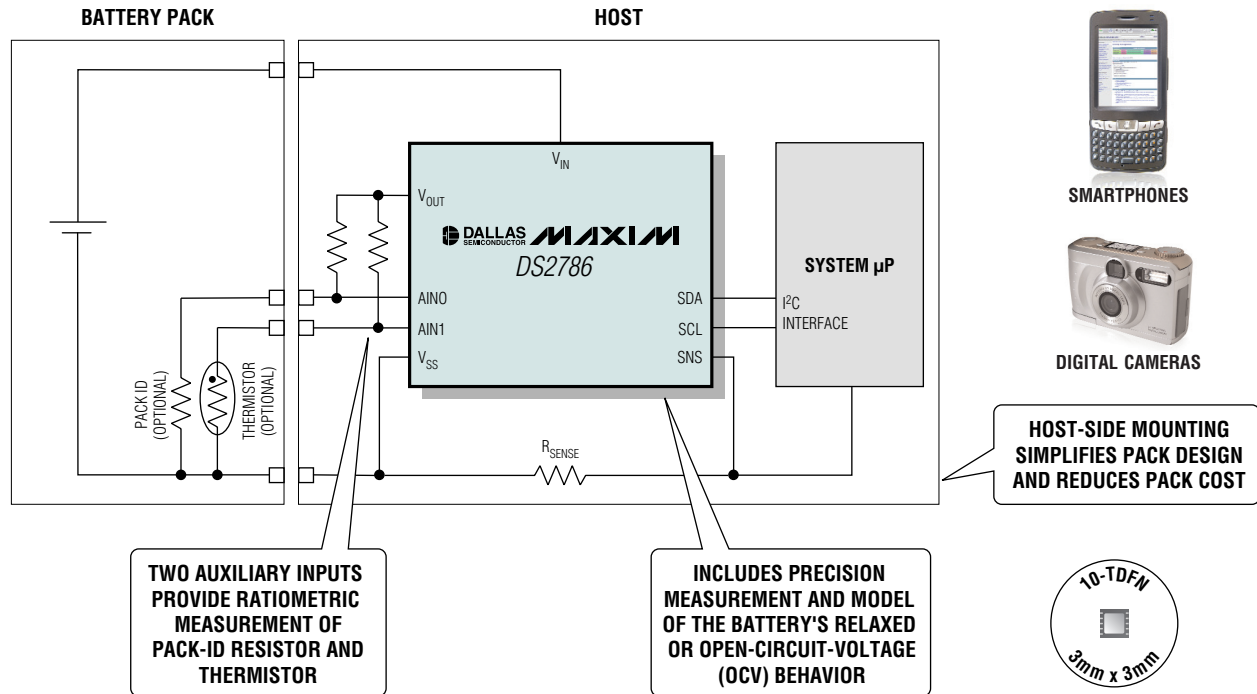


SMARTEN UP YOUR DUMB BATTERY

Fuel Gauge Accurately Reports Battery Capacity from Host Side

With the DS2786, cell phones, smartphones, digital cameras, and MP3 players can measure an existing “dumb” Li+ battery pack and obtain accurate state-of-charge information. Capacity information is available immediately after a battery pack is connected.



- ◆ Capacity Reported as Percent Full
- ◆ Adapts to Different Battery Sizes
- ◆ On-Chip EEPROM for Storing OCV Battery Model and Configuration Parameters
- ◆ I²C Interface with Logic Levels Compatible with 1.5V System Bus
- ◆ $\pm 3^{\circ}\text{C}$ Accurate Temperature Measurement
- ◆ $\pm 5\%$ Accuracy for a Characterized Cell
- ◆ 0.2% (Absolute) Accurate Battery-Voltage Measurement
- ◆ Bidirectional Current Measurement and Accumulation
- ◆ Tiny, 3mm x 3mm, Pb-Free TDFN Package
- ◆ Priced at \$1.42[†]

[†] 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.



www.maxim-ic.com/DS2786-info

FREE Battery Management Design Guide—Sent Within 24 Hours!

CALL TOLL FREE 1-800-998-8800 (7:00 a.m.–5:00 p.m. PT) for a Design Guide or Free Sample



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