



## - IN THIS ISSUE...

### COVER ARTICLE

- 1.2A Buck Converters Draw Only 2.8µA When Regulating Zero Load, Accept 38VIN or 55VIN.
- Linear in the News.

### DESIGN FEATURES

- 775 Nanovolt Noise Measurement for a Low Noise Voltage Reference
- Monolithic Synchronous Step-Down Regulator Sources 3A or Sinks 1.5A in TSSOP or 3mm × 4mm QFN.
- Designing a Solar Cell Battery Charger.
- High Current/High Speed LED Driver Revolutionizes PWM Dimming.
- Produce High DC/DC Step-Down Ratios in Tight Spaces with 30ns Minimum On-Time Controller in 3mm × 3mm QFN
- New Generation of 14-Bit 150MSPS ADCs Dissipates a Third the Power of the Previous Generation without Sacrificing AC Performance.
- Robust, Quiet, Stable Power Supply for Active Antenna Systems with Built-In Protection and Diagnostic Capabilities

### DESIGN IDEAS

- Battery Conditioner Extends the Life of Li-Ion Batteries.
- EMI Certified Step-Down Converter in 15mm × 9mm µModule® Package Produces 1A, 0.8VOUT –10VOUT from 3.6VIN – 36VIN.
- Using a Differential I/O Amplifier in Single-Ended Applications.
- Dual Output µModule DC/DC Regulator Produces High Efficiency 4A Outputs from a 4.5V to 26.5V Input.
- All-in-One Power for Portables: Single IC Replaces Battery Charger, Pushbutton Controller, LED Driver and Five Voltage Regulator ICs.
- Maximize the Performance of 16-Bit, 105MSPS ADC with Careful IF Signal Chain Design.
- New Device Cameos.
- Design Tools.
- Sales Offices.

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