

Issue #288**June – Internet & Connectivity****Steve Hendrix: Personal Solar Power Setup (Part 1): Solar Panels, Batteries, and Storage****PROJECT FILES**

To download the solar panel angle spreadsheet, go to
ftp://ftp.circuitcellar.com/pub/Circuit_Cellar/2014/288/

Tom Struzik: Automotive Isolated Switching Power Supply**PROJECT FILES**

To download the code, go to ftp://ftp.circuitcellar.com/pub/Circuit_Cellar/2014/288

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<http://cds.linear.com/docs/en/datasheet/3748fa.pdf>

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www.jenrathbun.com/Electronics/projects/ltspice-tutorial-car-usb-power-supply

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SOURCES**LTspice SPICE simulator and LT3748 controller**

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Carlo Tauraso: Build a Thermal Monitoring Network**PROJECT FILES**

To download the code, go to ftp://ftp.circuitcellar.com/pub/Circuit_Cellar/2014/288

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[2] M. B. Taylor, "Is Dark Silicon Useful? Harnessing the Four Horsemen of the Coming Dark Silicon Apocalypse," in Proceedings of the Design Automation Conference (DAC), 2012

RESOURCESA. K. Coskun, "Application-Aware Power Capping," *Circuit Cellar* 280, 2013**SOURCES****IFC6410 Single-board computer**Inforce Computing, Inc. | www.inforcecomputing.com**Snapdragon 600 system-on-a-chip, 8974 mobile development platform, and Krait 400 four-core processor**Qualcomm, Inc. | www.qualcomm.com**George Novacek: WWVB Clock Revisited****RESOURCES**

J. P. Lowe and K. C. Allen, "Increasing the Modulation Depth of the WWVB Time Code to Improve the Performance of Radio-Controlled Clocks," The National Institute of Standards and Technology (NIST), 2006, <http://tf.nist.gov/general/pdf/2139.pdf>

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Ed Nisley: Strobe Photography

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ST7036 LCD Controller/driver

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