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**[Audio/Video Equipment Power Supply up to 500 Watts](#)**

DongAh Elecomm's PSU-350-36 power converter, designed for audio/video equipment applications, provides 350 watts free-air convection-cooled power with 500 watts peak for up to 5 minutes. The high-efficiency operation, reliability and low-cost open frame design have made this product a perfect fit for popular audio amplifiers.

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**RF & WIRELESS Targeted Application Focus**

**The Tinker's Toolbox - Vikram Srivats of MindTree on Wireless Networks and Tech Convergence**

**RF & WIRELESS Focus**

In this podcast we talk to Vikram Srivats of MindTree about wireless networks and their role in application and device functionality convergence in the marketplace. Wireless has extended... [continue](#)

**Hot Consumer Technologies in 2012**

**RF & WIRELESS Focus**

This is the time of the year when I am always asked to give my prediction on the next killer consumer product for the new year. Since I am not Zoltar or don't own a crystal ball, this is a difficult question to answer as it depends... [continue](#)

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**[CC110L RF BoosterPack features Anaren AIR modules](#)**

Texas Instruments has introduced a CC110L-based RF BoosterPack that simplifies development of RF applications using TI's popular LaunchPad environment. The new BoosterPack features two Anaren A110LR09x AIR module-equipped boards, two MSP430 Value Line microprocessors, a QuickStart guide, and a documentation CD. This BoosterPack is available exclusively through TI's e-store, while additional information may be found at [www.Anaren.com/AIR](http://www.Anaren.com/AIR) [View Details](#)



**AdaCore and SofCheck Merge**

AdaCore, a leading supplier of Ada development tools and support services, today announced a merger with SofCheck, Inc., a Lexington, Massachusetts-based automated software quality (ASQ) company. SofCheck's staff has joined the AdaCore technical team, and SofCheck Founder Tucker Taft has been named as AdaCore's Director of Language Research. AdaCore has acquired SofCheck's products including [continue](#)

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### **Semiconductors & ICs: Buck Controller Provides Complete DDR Power Solution**

Linear Technology Corporation introduces the LTC3876, a high-efficiency dual output synchronous step-down DC/DC controller that generates the VDDQ supply voltage, the VTT bus termination voltage and the VTTR reference voltage for...

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### **Semiconductors & ICs: SoC Allows Development of Motion-enabled RF4CE Remote Controls**

#### **RF & WIRELESS Focus**

GreenPeak Technologies announced the launch of the new GP570 chip that will allow the development of low cost motion-enabled remote controls, addressing the demand for smarter and intuitive navigation of interactive entertainment services offered by operators ... [continue](#)

### **Semiconductors & ICs: C-band Gallium Nitride High-Electron Mobility Transistors Address Satellite Earth Stations**

#### **RF & WIRELESS Focus**

Mitsubishi Electric Corporation announced it has developed two Gallium Nitride (GaN) High-Electron Mobility Transistor (HEMT) C-band (4-8GHz) amplifiers for satellite earth stations. The MGFC50G5867 and MGFC47G5867, featuring power outputs of... [continue](#)

### **Passive & Discrete Components: Air-Cored Spring Coil Family Offers Custom Designs**

#### **RF & WIRELESS Focus**

Available in both leaded and SMT configurations, a family of Air-Wound Spring Coils distributed by Total Frequency Control (TFC) includes a standard range of moulded SMT coils from 2.5nH to 500nH... [continue](#)

### **Passive & Discrete Components: High-Voltage Metal Film Resistors Are Anti-Corrosive**

Stackpole's RNV Series metal film resistor is designed for high-voltage handling and robust environmental performance. The RNV14 is a ¼ Watt body size rated up to... [continue](#)

### **Passive & Discrete Components: VCO Operates From 3750 to 3800 MHz**

#### **RF & WIRELESS Focus**

Crystek's CVCO55CC-3750-3800 VCO (Voltage Controlled Oscillator) operates from 3750 MHz to 3800 MHz with a control voltage range of 0.5 V to 16 V. This VCO features a typical phase noise of... [continue](#)

### **Microwave & RF: Pulse Electronics Introduces 3-Feed Antenna for Operator-Independent Global Roaming of LTE Mobile Devices**

#### **RF & WIRELESS Focus**

Pulse Electronics Corporation introduces a new 3-feed antenna that enables

operator-independent global roaming capability for LTE mobile devices.

Compatible with... [continue](#)

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## VCO Operates From 3750 to 3800 MHz

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Posted by Chris Warner | Saturday, December 10, 2011

Crystek's CVCO55CC-3750-3800 VCO (Voltage Controlled Oscillator) operates from 3750 MHz to 3800 MHz with a control voltage range of 0.5 V to 16 V. This VCO features a typical phase noise of -105 dBc/Hz at 10 kHz offset and has desirable linearity. Output power is typically +2 dBm. It is packaged in the industry-standard 0.5-in. x 0.5-in. SMD package. Its input voltage is 5 V, with a max. current consumption of 30 mA. Pulling and Pushing are minimized to 1.0 MHz and 2.5 MHz/V, respectively. Second harmonic suppression is -15 dBc typical. The CVCO55CC-3750-3800 is appropriate for use in [digital](#) radio equipment, fixed wireless access, satellite communications systems, and base stations.

### Crystek

800-237-3061, [www.crystek.com](http://www.crystek.com)



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