



Photo Release -- Anaren Introduces Air Module Based on Texas Instruments CC8520 PurePath(TM) 2.4GHz Wireless Audio System on Chip (SoC) -- Suitable for Wireless Applications Demanding Full CD-Quality, Uncompressed Digital Audio

Anaren Integrated Radio (AIR) Module A8520E24A Includes CC8520 PurePath Chip, CC2591 Range Extender, and Integral Antenna -- in an FCC-Certified, Surface-Mount Radio Module

SYRACUSE, N.Y., Jan. 19, 2011 (GLOBE NEWSWIRE) -- Anaren, Inc. (Nasdaq:ANEN) announced today that it has introduced a new audio-focused member to its fast-growing line of Anaren Integrated Radio (AIR) modules: the AIR line now includes the FCC-certified A8520E24A – featuring Texas Instruments 2.4GHz CC8520 PurePath™ wireless audio SoC (System on Chip), CC2591 range extender, and an integral antenna. The new module is suitable for a wide range of wireless audio applications where uncompressed wireless digital, full CD quality audio (44.1/48KHz/16 bits) is crucial, including consumer, professional, portable, and digital audio products and equipment. Like all AIR modules, the A8520E24A module offers the simplicity, cost-savings, and fast time-to-market advantages of an all-in-one, plug and play radio...with no extensive RF experience required.

A photo accompanying this release is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=8593>

"After seeing how easy our other AIR modules are to implement, we had several OEMs in the audio space approach us to develop an analogous module for TI's CC8520 PurePath chip," says Mark Bowyer, business development manager for AIR with Anaren's Wireless Group. "Anaren responded with an equally elegant solution – and a module that, like other members of the AIR family, is pre-certified by the FCC for substantially reduced development, testing, and certification costs if the unit is used as specified."

The attributes of TI's PurePath™ solution include

- > 2.4GHz wireless Audio SoC
- > Uncompressed wireless digital audio
- > Robust RF protocol
- > Full CD quality (44.1/48KHz/16 bits)
- > No SW development needed
- > Data side-channel

As for the AIR product line in general, AIR modules are an elegant, 'plug and play' RF solution – each module's footprint being smaller than a postage stamp – for electronic engineers challenged with adding wireless capability to new or existing devices. Applications for AIR modules range from industrial control, building automation, and low-power sensor networks – to lighting and equipment and appliances intended for smart-grid scenarios (e.g. automated meter reading).

Leveraging Anaren's 40+ years in microwave/RF technology and Texas Instruments' renowned semiconductor technology, the AIR module product family offers:

- > Easy integration and implementation on existing or newly-designed two-layer PCB
- > Virtually no RF engineering experience necessary
- > Tiny 9 x 12 x 2.5mm and 9 x 16 x 2.5mm footprints, across product family (except A8520E24X)
- > FCC Part 15 and Industry Canada RSS-210 compliant, with no additional "Intentional Radiator" certification required
- > Choice of embedded or connectorized antenna
- > 100% RF-testing
- > Low power consumption
- > Choice of frequencies to match an OEM's application:
 - A1101R04C: 433-434.4MHz FCC compliant; device operating range 400-450MHz
 - A1101R09A and A1101R09C: 902-928 MHz
 - A1101R08A and A1101R08C: 868MHz
 - A2500R24A and A2500R24C: 2400-2483.5MHz
 - A8520E24A featuring PurePath™ audio

- > Offering same-day connectivity -- test boards are available to easily evaluate each module's performance, using Texas Instruments EM Development Kits (CC1101DK, CC2500DK, CC8520DK) and eZ-430 Development Kits
- > Supplied on tape and reel for easy integration into automated assembly systems
- > Pricing will be approximately \$9.99 for 10K pieces

E-OEM design engineers interested in learning more or securing applications assistance are encouraged to contact Anaren, the nearest Texas Instruments sales representative, or their nearest AIR distributor of choice (Arrow, Avnet, or Mouser).

ABOUT ANAREN: An innovative leader in microwave and RF technology, Anaren designs and manufactures complex components and subsystems for defense, satellite, wireless, and consumer electronics markets. **To learn more, visit www.anaren.com**

The Anaren, Inc. logo is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=5360>

The TI Developer Network and Texas Instruments Logo is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=8019>

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