

Module Family Designed ETSI-Compliant For European Applications

Anaren, Inc. announced today that it has added two new members to its fast-growing line of Anaren Integrated Radio (AIR) modules. In order to meet operating demands and compliance requirements specific to the European market, the AIR line now includes ETSI-compliant models A1101R08A (embedded antenna) and A1101R08C (connectorized). Like all AIR modules, the new units offer 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.

"Just like customers in the North American market who are benefiting from AIR modules' pre-certification to FCC standards, customers entering or operating low-power RF in Europe now have an ETSI-compliant option," says Mark Bowyer, business development manager for AIR with Anaren's Wireless Group. "If used as specified, they can deploy these new modules on board European-targeted end products without any additional EN 300 328, EN 300 440, or EN 300 489 testing required. AIR modules arrive ETSI compliant right on the reel." As for the AIR product family in general, Anaren's solution is 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 inclusion in 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
- > 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: 2400-2483.5 MHz

- > Offering same-day connectivity -- test boards are available to easily evaluate each

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module's performance, using Texas Instruments EM Development Kits (CC1101DK and

CC2500DK) 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).

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