

# Broadband News Update



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## **30 APR 08 Anadigics announces 3G power amplifier designed to deliver power performance required by egsm platforms throughout europe**

ANADIGICS, Inc. (Nasdaq: ANAD) today announced its new AWT6224 dual-band HELP3™ power amplifier (PA) module designed specifically for use in 3G dual-band handsets for EGSM network deployments worldwide, especially Europe.

The latest member of ANADIGICS' rapidly growing family of WCDMA Power Amplifiers, the new AWT6224 PA is a dual-band module that supports both IMT (UMTS2100) and EGSM (UMTS900) band operations. The AWT6224 is designed to meet requirements for WCDMA and HSPA operation with Qualcomm's latest chipsets. It incorporates the company's proprietary HELP3™ technology, which reduces average current consumption by 75% and provides up to 25% increased talk time in 3G handsets. The PA also includes a built-in voltage regulator and CMOS-compatible logic controls.

"Our new AWT6224 PA delivers the 3G HSPA performance required by two European bands in a single 3 x 5mm package explained Ali Khatibzadeh, Ph.D., Senior Vice President and General Manager of Wireless Products, ANADIGICS, Inc. "Its smaller size reduces the RF board area required for multi-band phone designs utilizing Qualcomm's latest generation chip-sets."

The AWT6224 also reduces current consumption using ANADIGICS' HELP3™ technology without the use of an external DC-DC converter, thus reducing the number of external components required for an efficient design. Like the AWT6281, the AWT6224 incorporates ANADIGICS' proprietary InGaP-Plus™ technology for state-of-the-art reliability, temperature stability and ruggedness. The module is manufactured using a material set consistent with the European Union's Restriction of Hazardous Substances (RoHS).

Read more about Anadigics >> <http://www.bt2000.co.uk/page3.htm>