



## **ETHERWAVES ANNOUNCES REVOLUTIONARY AUTOMOTIVE RECEIVER MODULE PROVIDING DUAL DAB+/DMB DECODING IN A SINGLE RADIO**

*Software Defined Radio Solution Uses ClearSignal Software and Blackfin Processor to Deliver Two Simultaneous Streams*

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EtherWaves, the industry leader for Digital Automobile Radio Intellectual Property (IP), announced today that it has developed a revolutionary Software Defined Radio solution based on a single low-power Blackfin BF522 processor from Analog Devices (ADI). The new EtherWaves Dual-Tuner, can simultaneously decode two digital signals from different (or identical) systems, such as DAB+ or DMB enabling the ability to provide DAB audio service and traffic information simultaneously.

“The EtherWaves ClearSignal Dual-Tuner is a major step forward in the efforts to integrate driver assistance into the infotainment centers of the next generation of automobiles,” said Mark Gill, Automotive Product Line Director, DSP Products, “We are pleased to be working with EtherWaves to extend the capabilities of Software Defined Radio with Blackfin processors.”

Combining the multi-standard capabilities of ClearSignal and the performance of Blackfin, the new dual-tuner solution addresses an exciting range of Digital Radio capabilities, such as listening to one DAB audio service, while decoding TPEG traffic information or another DAB data service. When the baseband decoding of two services is not necessary, the system can use the dual-tuner capability for Diversity Reception.

“The European automotive industry has been long seeking a cost-effective solution to the challenge of dual digital radio reception and for seamless reception when travelling between regions with different Digital Radio standards, as well as for the future standards proof flexibility which can be only achieved by software defined radio. The combination of the innovative ClearSignal Dual-Tuner with multi-standard support running on a single BlackFin processor is a natural fit,” said Marius Gafen, Vice President of Product Marketing at EtherWaves. “It reinforces the leadership of EtherWaves and Analog Devices in the automotive SDR market, where they already share a number of design wins with Tier 1 players,” he added.

### **Pricing and Availability**

The ClearSignal Dual-Tuner solution design includes appropriate interfaces to all de-facto standard tuners in the automotive industry. An evaluation version, executing on a standard EtherWaves ClearSignal or Analog Devices evaluation board, is expected in Q1 2008. The attractive pricing of the Dual-Tuner option uses the customer-friendly EtherWaves license fee model, which includes customization and NRE options. Contact EtherWaves for further details on pricing and availability of the ClearSignal Dual-Tuner solution.

### **About EtherWaves**

EtherWaves Ltd. develops and licenses Digital Radio Intellectual Property (IP), targeting the Automotive market, as well as System-On-Chip (SoC) and Consumer Electronics markets. EtherWaves uses its core competencies and expertise to develop Digital Broadcast Receiver solutions based on Software Defined Radio. The company's ClearSignal technology enables high-quality, multi-standard Digital Broadcast reception. Products currently support DAB, DAB+, T-DMB and FM and will also comply with DRM, HD Radio, DMB-T (China) and ISDB-T. EtherWaves is a privately held company with headquarters in Israel. For more information, please visit us at <http://www.etherwaves.com>.



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