



# AMD Imageon™ M210 Audio Processor

## *Long-Lasting, High-Quality Audio On The Go*

### **Key Features**

- AMD's new audio processor will enable high-fidelity audio playback that rivals the quality of today's most popular music players. This dedicated audio processor will be ideal for both multi-function, mainstream mobile phones and portable music players.
- The AMD Imageon M210 audio processor is designed to deliver more than 100 hours of music playback in airplane mode by enabling a high-definition, fully integrated audio subsystem. The "stand-alone" design of this audio subsystem offers music playback functionality that does not tax the baseband, allowing exceptionally long system battery life.

AMD partnered with an industry leading audio expert to develop a custom audio codec, class G headphone drivers and enhanced effects to deliver superb audio quality that surpasses many of today's most popular music players.

### **Key Benefits**

#### **Hi-Fi Audio Quality**

- State-of-the-art audio technology including multi-band equalizer, virtual surround sound and auto gain control.
- HD bass, HD treble and bass boost enhance performance without overpowering.

#### **Exceptional Battery Life**

- Dedicated low-power audio subsystem with integrated power management.
- ~33mW audio subsystem to enable more than 100 hours of music playback in airplane mode.

#### **Versatility for Various Phones, Devices**

- Support for USB 2.0, NAND, SD and Bluetooth transmission.
- Flexible architecture is designed to support demanding features and a variety of audio formats.

#### **Integrated Audio Subsystem**

- Lower system cost with integrated analog codec and PMIC.
- Complete solution helps reduce time-to-market for OEMs.