

Sonic2TM Overview

The Sonic2 platform delivers stunning studio-master-quality sound in consumer electronic devices, unlocking the high-definition entertainment experience for today's and future next-generation high-resolution discs. Sonic2 combines the state-of-the-art Q5 Upsampling, a prioritaire multi-dac scrambling algorithm, and a high-performance DAC architecture. Sonic2 can also be combined with TimeLock ultra-low jitter master clock resulting in unparalleled audio fidelity in the playback of high-definition audio content from today's SACD, DVD-Audio, HDMI audio sources that is also future proof for the next generation of HD-DVD and Blu-ray disks.

Applications

- » CD/SACD/DVD players and recorders
- » High performance D/A Converters
- » Professional studio equipment

Availability

- » Hardware Modules
- » Evaluation Kits
- » Technology and Manufacturing License for OEMs

About ANAGRAM

ANAGRAM Technologies is a leading supplier of technology that allows OEMs to create and integrate spacious, richly detailed sound in innovative product designs based on industry-standard components and processes. It provides SoC, DSP, and FPGA platform developers with intellectual property (IP) solutions in the form of sample rate converters, sigma-delta D/A converters, digital power amplifiers, DSP audio processing algorithms, wireless digital audio subsystems, related software and development tools.

Further Information

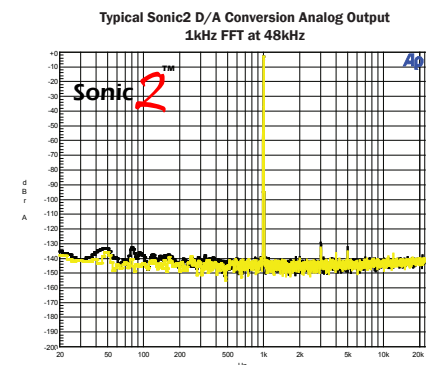
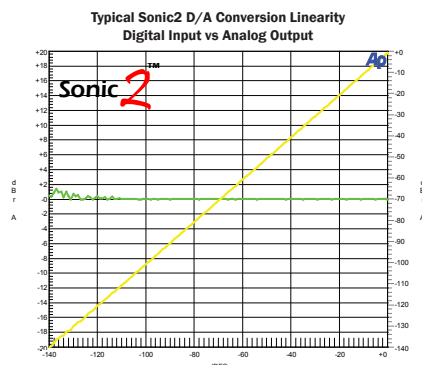
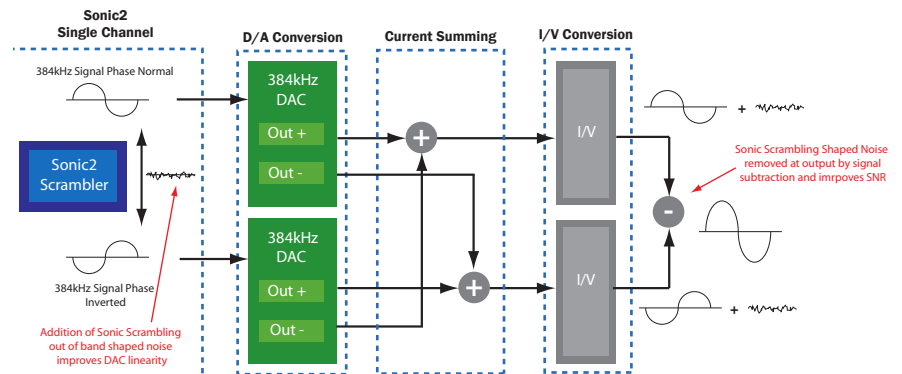
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Features

- » High performance 384kHz 2-Channel Upsampler integrates state-of-the-art Q5TM Upsampling and Sonic Scrambling technology
- » Scalable audio performance from CD, SACD to DVD-Audio
- » Optionally processes DSD input streams for high definition audio support
- » Excellent jitter attenuation with high quality local clock
- » Scrambling technology significantly improves linearity in for high resolution audio sources
- » 384kHz Upsampled digital output drives 4 DACs in twin dual mono-mode
- » Controllable via SPI command interface

Advanced Linearization Technology



Typical Application

