



NEWS

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ESS Technology Announces Sabre³² Reference ADC World's First 32-bit Audio A/D Converter with -120dB THD

FREMONT, Calif., January 6, 2009— ESS Technology, a leading provider of high performance audio/video solutions, today announced the addition of the Sabre³² Reference Audio ADC to its Vista™ family of high-definition audiovisual product line.

The Sabre³² Reference Stereo ADC is the world's first 32-bit stereo analog-to-digital (A/D) converter targeted for consumer applications such as audio pre-amplifiers, audio processors, A/V receivers and professional audio applications such as recording systems, mixer consoles and digital audio workstations.

Using the ESS patented Hyperstream™ ADC architecture with a 32-bit decimation filter, the Sabre³² Reference ADC delivers an unprecedented THD of -120dB, the industry's highest performance level that will satisfy the most demanding audio enthusiasts. The Sabre³² Reference supports I2S output with full 32-bit resolution, as well as SPDIF output. In addition, the Sabre³² Reference integrates a digital high-pass filter for DC removal, supports output sampling rates up to 200kHz and consumes less than 50mW.

For 24-bit applications, ESS is also offering the Sabre Reference Stereo ADC that delivers a THD of -115dB.

Robert Wong, vice-president of marketing and worldwide sales for ESS Technology, said, “The ESS Sabre³² and Sabre ADCs will quickly become the new benchmarks against which all other audio ADCs will be compared. Together with the Sabre³² and Sabre DACs, ESS has raised audio converter performance to a level never before possible, setting a new Gold Standard of excellence for the audio world.”

The Sabre³² Reference 32-bit Stereo Audio ADC will be sampling in April 2009 in 28-TSSOP package and priced at \$29 in quantities of 1000.

The Sabre³² Reference Stereo Audio ADC will be shown January 8 – 11, 2009 at the Consumer Electronics Show in Las Vegas at the Hilton. Appointments may be scheduled by calling Wendy Chafer at 510-492-1180.

About ESS Technology

ESS Technology, Inc. designs and markets high-performance audio/video products for the consumer market.

ESS's VistaTM product line features high-definition solutions such as the Phoenix and Phoenix-II series of HD-Enhanced DVD processors, 1080p Video Up-converters, HDMI transmitters, Sabre series of HyperstreamTM audio digital-to-analog converters and other products for digital television.

ESS's Sabre HyperstreamTM audio digital-to-analog converter series, consisting of *Sabre Reference* and *Sabre Premier*, is the world's first 8-channel audio DAC solution to bring true professional digital audio to the mass consumer home entertainment market. The *Sabre series* has already been designed into some of the world's most prestigious audiophile equipment, including Blu-ray players, CD/SACD players, and A/V preamps.

ESS is headquartered in Fremont, California, and has R&D, sales, and technical support offices worldwide. ESS Technology's web site address is: <http://www.esstech.com>.