



NEWS

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ESS Technology introduces the SABRE9602 at CES 2015
The World's Highest Performance Headphone Amplifier
with 122dB SNR, -123dB THD and Integrated Output Switch
Audiophile High Quality Sound to Headphones in Mobile Devices

FREMONT, Calif., January 8, 2015— ESS Technology, a leading provider of high performance audio/video solutions, today announces the SABRE9602 Headphone Amplifier with an integrated ultra-low THD output switch as the newest addition to its high performance audio product line.

The SABRE9602 Headphone Amplifier with integrated output switch is the latest member of the SABRE Headphone Amp family first introduced in 2014. The SABRE9602 delivers performance levels of 122dB SNR, -123dB THD. Additionally, it integrates an output switch with no performance degradation in HiFi mode, while allowing minimum power consumption in voice mode. Furthermore, the SABRE9602 can drive 49mW into 32ohm headphones.

With an internal charge pump, the SABRE9602 Headphone Amplifier operates from a single +3.3V supply to produce ground-referenced outputs, eliminating pops and clicks as well as the need for large DC blocking capacitors. The ultra-low THD output switch connects headphones directly to the SABRE9602 headphone amplifier or to auxiliary inputs for either voice communications or alternate music sources.

Robert Wong, vice-president of marketing and worldwide sales for ESS Technology, said,

“Existing mobile HiFi audio systems use external audio switches to minimize voice-mode power consumption. Unfortunately, these external switches also cause severe HiFi-mode performance degradation. The SABRE9602 integrates a unique lossless switch (patent pending) to deliver the highest quality audio with no performance loss all the way to headphones. Now for the first time mobile audio systems can have both the best HiFi audio performance without sacrificing voice-mode power consumption.”

The SABRE9602 Headphone Amplifier is sampling now in 40-QFN package. For further information about samples, evaluation boards or product datasheets, please contact your local ESS Sales Representative.

About ESS Technology, Inc.

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

ESS's SABRE³² audio DAC series is the world's highest performance 32-bit audio D/A converter solution, built upon the original SABRE audio DAC series first introduced in 2008. The SABRE³² and SABRE audio DACs have been designed into the world's most prestigious consumer, audiophile, mobile and professional equipment including Blu-ray players, mobile phones, CD/SACD players, A/V preamps and digital audio workstations.

ESS's products include the SABRE & SABRE³² series of HyperStream® audio DACs and ADCs, the Crescendo series of Sound Bar SoCs, Phoenix-III series of HD-Enhanced DVD Home Theater SoCs, 1080p Video Up-converter, and the DMPX Media Processor.

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>.