



NEWS

FOR IMMEDIATE RELEASE

Marketing Contact:

Calto Wong
Director of Technical Marketing
ESS Technology, Inc.
(510) 492-1718
calto.wong@esstech.com

Media/Analyst Contact:

Rebecca Mack
Bergman Mack & Associates
(949) 981-4496
rebecca@bergmanmack.com

ESS Technology Announces the World's Best Stereo Sabre™ DAC with an Integrated $2V_{\text{rms}}$ Driver and 112dB Dynamic Range

Utilizes Hyperstream™ DAC Architecture with Jitter Eliminator

FREMONT, Calif., August 3, 2009— ESS Technology, a leading provider of high performance audio/video solutions, today announced the addition of ES9022 – Sabre Premier Stereo DAC with $2V_{\text{rms}}$ driver to its Vista™ family of high-definition audiovisual products.

The ES9022 combines the highly acclaimed Sabre™ DAC and a high performance $2V_{\text{rms}}$ output driver into the ideal D/A converter for line-level output applications such as Blu-ray players, CD/DVD players, set-top boxes, digital TVs and game consoles.

With a patented Hyperstream™ architecture and a patented Time Domain Jitter Eliminator, the ES9022 supports 24-bit conversion with up to 192kHz sampling rate and delivers jitter-free studio quality audio with 112dB of dynamic range, setting a new performance benchmark by outperforming all 3.3V powered D/A converters with $2V_{\text{rms}}$ drivers in the market.

The ES9022 has integrated charge pump and operates from a single 3.3V supply to drive a ground-centered $2V_{\text{rms}}$ output. The result is the lowest system cost by eliminating the need for

an output op-amp filter, DC-blocking capacitors, a mute circuit or multi-rail power supplies. In addition, the ES9022 output level is adjustable via an external resistor, allowing custom output levels below $2V_{\text{rms}}$. Pop-noise is eliminated through comprehensive suppression on power up/down, mute and reset.

Robert Wong, vice-president of marketing and worldwide sales for ESS Technology, said, “The ES9022 Sabre™ Premier DAC is the highest performance product of its class at $2V_{\text{rms}}$ line level with a single 3.3V power supply. With bill of materials reduced to just a few passive components externally, audiophile sound and quality are now accessible and affordable to consumers”.

The ES9022 is sampling in a 16-SOP package and priced at \$0.98 in quantities of 10,000.

About ESS Technology

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

ESS's Vista™ 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 Hyperstream™ audio digital-to-analog converters and other products for digital television.

ESS's Sabre Hyperstream™ 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 the world's most prestigious audiophile equipments for 2008 shipment, including Blu-ray players, CD/SACD players, and A/V preamps etc.

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>.