



# NEWS

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## **ESS Technology Announces World's First VoIP Single-Chip Solution to Embed Two SLICs and Ethernet Switch**

**FREMONT, Calif., January 5, 2009**— ESS Technology, a leading provider of high performance audio/video solutions, today announced the ES9701 as the newest member of its VoIP product line. First in the industry to embed two Subscriber Line Interface Circuits (SLICs) and an Ethernet switch, the ES9701 brings the highest integration and lowest bill of materials to consumer VoIP adapters and IP phone applications.

The ES9701 includes all the necessary processors and peripherals for full-featured VoIP phone applications:

- 32-bit RISC processor for the operating system, control and signaling
- 32-bit DSP for voice codecs such as G.711, G.722, G.726 and G.729A/B
- Two SLICs with three sets of audio DACs and ADCs for connection to phone, fax and handset
- Ethernet switch with two 10/100 MAC/PHYs for WAN/LAN connections
- AES encryption security module

- LCD display and keypad controller
- SDIO interface for WiFi module

To enable quick time-to-market for customer product development, the ES9701 comes with a VoIP phone/adaptor reference design complete with voice codecs, Session Initiation Protocol (SIP) protocol stack, all necessary drivers, and a software development tool chain.

Robert Wong, vice-president of marketing and worldwide sales for ESS Technology, said, “The ES9701 enables rapid development of VoIP phones and adaptors at the lowest system cost. Finally, we can have affordable VoIP for everyone.”

The ES9701 is sampling now in 176-LQFP package with a VoIP adaptor reference design kit priced at \$700.

The ES9701 will be demonstrated 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 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 been designed into the world’s most prestigious audiophile equipments, 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>.