



FOR IMMEDIATE RELEASE

Akustica Works to Solve PC VoIP Voice-Quality

Collaborates with SigmaTel to Address PC Voice Communication Applications and Develop an Integrated Digital Microphone Array Solution

PITTSBURGH, PA., August 24, 2005 -- Akustica, Inc., a pioneer in acoustic system-on-chip solutions, today announced that it is collaborating with SigmaTel, Inc. (NASDAQ:SGTL), a leader in analog-intensive, mixed signal integrated circuits to address PC voice communication applications with Akustica's CMOS-MEMS silicon microphone and SigmaTel's High Definition (HD) Audio coder-decoder (CODEC) chip solutions.

As part of the effort, Akustica and SigmaTel have developed a digital microphone array reference design that greatly simplifies the integration of multiple microphone chips into notebook computer platforms. SigmaTel has released a new family of High Fidelity High Definition Audio CODECs, the STAC9202 and STAC9251, that "seamlessly" interface with the Akustica family of CMOS-MEMS silicon microphones. Both companies will actively promote a fully integrated digital microphone array solution to computer manufacturers.

"The relationship with Akustica reinforces our commitment to innovation and providing customers with advanced technology to overcome the design obstacles many system developers face," said Phil Pompa, vice president of the Integrated Components Group at SigmaTel. "In addition, the simplicity and flexibility of Akustica's CMOS-MEMS technology combined with SigmaTel's new HD Audio codecs enables next generation platforms to support greatly improved voice communications."

The two companies aim to serve notebook and tablet computer manufacturers who are now developing next-generation voice over Internet protocol (VoIP) platforms for real-time communications. Mobile platforms based on Intel's latest generation of chipsets feature audio capabilities based on the High Definition Audio (HD Audio) specification enabling enhanced voice capture through the use of multiple microphones. The result is high-fidelity PC-based audio that delivers a seamless convergence of digital entertainment between the PC and consumer electronic devices.

"As seen in Real-Time-Communication programs like MSN Messenger, AOL Instant Messenger, and Skype, speech enabled applications are clearly gaining momentum and, together with SigmaTel, we will enable consumers to experience superior voice quality", said James Rock, President and Chief Executive Officer of Akustica. "Consistent with their reputation for innovation and creativity, SigmaTel is the first company to demonstrate a fully integrated and cost-effective digital microphone array solution for notebook computers."

About Akustica

Akustica, Inc. designs, develops, and markets proprietary silicon microphones, speakers and complete acoustic system-on-chip solutions. Through a revolutionary technology known as Sensory Silicon™, Akustica products enable cell phones, PC's, and other electronic products to sense and respond to the world around them. Leveraging standard complementary metal oxide semiconductor (CMOS) processes and micro-electromechanical systems (MEMS) technology, Akustica fabricates acoustic membranes and other sensor structures in the same chip with analog and digital circuitry. To learn more about Akustica and its solutions, please visit www.akustica.com.

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