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Mobius Microsystems Introduces CHO™ Technology

Monolithic, self-referenced, all-CMOS oscillator to replace quartz crystals

Sunnyvale, Calif., April 3, 2008 — Mobius Microsystems, Inc. today announced the world's most accurate, monolithic, all-CMOS frequency generators, utilizing the company's patented CMOS Harmonic Oscillator (CHO™) technology. The company disclosed the details of the innovation, and unveiled a portfolio of current and upcoming products, at the 6th Annual Globalpress Electronics Summit in San Francisco.

Mobius' CHO technology ushers in a new era in frequency generation because it achieves accuracy levels that are unprecedented with CMOS-only oscillators. The accuracy offered by the technology matches the performance requirements of today's common high-speed interface links – a large market currently served exclusively by quartz crystals. The CHO technology allows today's mainstream electronics to finally be rid of the last non-CMOS component, a quartz-based resonator, and achieve the highest levels of integration. For a design engineer, the obvious benefits of CHO are lower BOM costs, smaller and thinner end products, and improved reliability. Built on standard CMOS process, the technology benefits from a well established manufacturing infrastructure, and shortens order lead times to best respond to the fluctuating demands of the consumer electronics market.

"Frequency references and oscillators are essential components for a broad range of applications," said Steve Cullen, a contributing analyst at InStat, "Mobius' CMOS Harmonic Oscillator is an innovative and compelling technology with significant market potential. It fits perfectly with the timing industry's continued drive toward more integrated and smaller package solutions."

"The CHO technology removes the size, frequency and reliability limitations of quartz - all of which are significant bottlenecks in electronics design today," said Ashok Dhawan, Chief Executive of Mobius Microsystems. "We believe that a widely used and deeply entrenched product such as quartz will only be replaced by an even more ubiquitous, proven and successful technology such as standard CMOS. Our CHO technology is the result of this conviction, and years of intensive development work."

Mobius' first announced product to use CHO technology is the MM8511, a fully integrated Spread Spectrum Clock Generator IC (see accompanying release). The device replaces a quartz crystal and a PLL timing IC, and offers a compelling, single chip solution to reduce the Electromagnetic Interference (EMI) in today's electronic products. The device is offered in a variety of output frequencies and spread spectrum profiles.

For further details on Mobius Microsystems, please see the attached corporate background summary.

About Mobius Microsystems Inc. (www.mobiusmicro.com)
Mobius Microsystems is an innovator in precision timing ICs, and is the first company to implement highly accurate timing generators entirely in standard CMOS. This is a significant technical breakthrough in timing generation, which up to now was served by quartz crystals and crystal oscillators. Mobius' patented CMOS Harmonic Oscillator (CHO) is produced on a single piece of silicon and offers system designers a frequency reference with excellent phase noise and jitter

performance. In addition to size and reliability advantages over quartz crystals, CHO also significantly shortens the manufacturing cycle time to best respond to fluctuating demands of the consumer electronics market. Mobius Microsystems is funded by leading venture capital firms. Its headquarters are located at 111 W. Evelyn Avenue, Suite 210, Sunnyvale CA 94086; (408) 739-5400; info@mobiusmicro.com.