

April 11, 2007



MaxLinear Announces the World's Smallest Silicon Tuner for Mobile TV Applications

Digital CMOS-Based Mobile TV Tuner MxL7001 Measures Only 1.9mm x 1.9mm; Provides Foundation for Series of Devices Meeting Worldwide Mobile Broadcast TV Standards

CARLSBAD, CA -- (MARKET WIRE) -- 04/11/07 -- MaxLinear, Inc., a technology leader at the forefront of developing fully integrated broadband radio frequency (RF) systems-on-a-chip for worldwide television standards, announced the availability of MxL7001, the world's smallest silicon tuner for mobile TV based on the company's next-generation TV tuner platform.

The MxL7001 is a 1.9mm x 1.9mm single-die, digital CMOS IC that is at the foundation of a family of products supporting mobile TV standards worldwide. The device is 1/10th the packaged area of MaxLinear's MxL5000-family ICs (6mm x 6mm) which set the previous record for small size, low power, and superior performance. The MxL5000 ICs will continue to be a part of MaxLinear's standard offering for fixed and portable television tuner applications.

Using a standard digital CMOS process technology, the MxL7001 consumes only 65mW of power, reducing battery draw and minimizing heat dissipation -- two very important criteria for mobile TV applications. The highly integrated MxL7001 supports both ISDB-T 1-segment and 3-segment applications. MxL7001 eliminates the need for an external balun, SAW filters and IF amplifier, which reduces both board footprint and BOM costs.

"Handsets will not get bigger just to support broadcast TV. They don't have to, thanks to this new family of silicon tuners that leverage digital CMOS process technology. By employing our novel radio architecture, MxL7001 sets altogether new size, power consumption, and performance norms," said Kishore Seendripu, MaxLinear's CEO and President. "The first market for the MxL7001 tuner is Japan, which is the only mobile television market with significant volume today and also experiencing rapid growth."

The MxL7001 is a key component in several handset designs targeted at the Japanese mobile television market, which analysts estimate will grow to 20-30 million units in the next 12 months. This market will expand beyond Japan into other countries like Brazil, where a variant of ISDB-T has been adopted as the standard for both mobile and fixed terrestrial digital television transmissions. Future product extensions of MxL7001 will support other mobile television standards like DVB-H.

"MaxLinear has done excellent work in not only identifying an attractive near-term mobile TV market to address, but in developing the best tuner product for that market," said Ken Lawler, General Partner of Battery Ventures and member of MaxLinear's Board of Directors. "DVB-H is an interesting longer term market play, but what clinched Battery Ventures' recent Series B investment in MaxLinear is the real prospect of MaxLinear gaining a substantial share of the most significant mobile TV market today."

The MxL7001 is now sampling and will be available in production quantities early summer 2007. Additionally, several OEMs are in the latter stages of developing MxL7001 based products to be launched this summer.

About MaxLinear, Inc.

MaxLinear, Inc. is a rapidly-growing fabless IC company focusing on highly-integrated analog products that incorporate proprietary mixed-signal and radio frequency signal processing techniques in CMOS. The company's technology is ideally suited for a broad range of high-volume consumer electronics applications with the strictest requirements for both power and performance, including personal computers, laptop computers, televisions, and mobile devices. MaxLinear is the first to deliver on the promise of an easy-to-use silicon solution to enable TV on any device. The company is located in Carlsbad, CA with sales offices in Taipei, Taiwan and Seoul, South Korea. www.maxlinear.com.

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