

October 5, 2011



MaxLinear's MxL601 65-nm CMOS Global Hybrid Tuner Enables Ultra-Compact TV Front-End Modules

Samsung Electro Mechanics is an early adopter of the new part, which sets new standard for performance, small size and low power consumption

CARLSBAD, Calif.--(BUSINESS WIRE)-- MaxLinear, Inc. (NYSE: MXL), a leading provider of integrated radio frequency (RF) and mixed-signal integrated circuits for broadband communication applications, today announced that its industry-leading low power MxL601 65-nm hybrid tuner enables ultra-compact front-end modules for flat panel TV applications.

Samsung Electro Mechanics Co. (SEMCO) has selected the device for next-generation tuner modules.

MaxLinear's MxL601 65-nm CMOS hybrid TV tuner sets a new benchmark for overall reception performance, silicon integration, and power consumption. It is based on MaxLinear's 65-nm CMOS advanced radio technology that has been shipping since early 2011.

The MxL601 delivers exceptional performance for all global analog and digital cable and terrestrial television reception standards, while achieving market leading low power consumption of 300mW in typical applications. The very low power consumption and reduced footprint of 4x4mm make it possible for TV module manufacturers to achieve ultra-small form factors and to support multi tuner applications.

The performance, power and cost benefits of MxL601 will enable TV module and set manufacturers to accelerate the transition from traditional MOPLL tuner implementations to more cost-effective silicon tuner solutions across their entire product lines.

The software-configurable MxL601 device allows manufacturers to design a common front-end for all global broadcast standards. Supported standards include: PAL, SECAM, NTSC, DVB-T/T2, ISDB-T, ISDB-Tmm, ATSC, ATSC M/H, DTMB, ITU-T J.83 Annex A [DVB-C] / B [US Cable] / C [Japan], DOCSIS and EURODOCSIS.

"We believe that MxL601 is the first and only hybrid silicon tuner to be implemented in 65nm digital CMOS technology that meets the exacting requirements of hybrid television applications. It not only has exceptional performance but also eliminates sensitive and expensive external RF components, delivering great value to our customers," said Yves Rasse, Sr. Director of MaxLinear Consumer Product Line. "We are also extremely pleased to collaborate with a market leader like SEMCO and to be able to contribute to the success of

SEMCO's next-generation of hybrid TV tuner modules."

SEMCO is well recognized for its high performance tuner modules that are built into Flat Panel Televisions, Set Top Boxes and other consumer broadcast receivers. Samsung Electro Mechanics will be able to leverage its advanced design and manufacturing technologies to develop the world's smallest and lowest power tuner modules using MaxLinear parts.

MaxLinear's MxL601 65-nm hybrid tuner IC is sampling now. Mass production is scheduled to start in the 4th quarter of 2011.

About SEMCO

Samsung Electro-Mechanics is a global player in the manufacture of a wide variety of electronic components. The company operates several plants and sales offices around the world. The R&D Center is located in Korea while a multifunctional complex is in China, an RF complex in Thailand, and chip parts complex in the Philippines. Each site specializes in specific items while providing extensive services for local customers to bolster overall operations.

About MaxLinear, Inc.

MaxLinear, Inc. is a leading provider of radio frequency and mixed-signal semiconductor solutions for broadband communication applications. MaxLinear is located in Carlsbad, California, and its address on the Internet is www.maxlinear.com.

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Cautionary Note About Forward-Looking Statements

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements include, among others, our announcement of a design-win with SEMCO and our expectations with respect to the performance of our hybrid TV tuner products. These statements involve known and unknown risks, uncertainties, and other factors that may cause actual results to be materially different from any future results expressed or implied by the forward-looking statements. We cannot predict whether or to what extent our design-win with SEMCO will result in future revenues. Forward-looking statements are based on management's current, preliminary expectations and are subject to various risks and uncertainties, including, among others, intense competition in our industry; the ability of our customers, including SEMCO, to cancel or reduce orders; uncertainties concerning how end user markets for our products will develop; our lack of long-term supply contracts and dependence on limited sources of supply; and potential decreases in average selling prices for our products. In addition to these risks and uncertainties, investors should review the risks and uncertainties contained in our filings with the Securities and Exchange Commission (SEC), including our most recent Annual Report on Form 10-Q.

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