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MaxLinear's MxL661 Global Hybrid Tuner Delivers Cost, Performance, and RF-to-IF Delay Programmability for New Line of Hisense TVs

CARLSBAD, Calif.--(BUSINESS WIRE)-- MaxLinear Inc. (NYSE: MXL), a leading provider of integrated radio frequency (RF) and mixed-signal integrated circuits for broadband communications applications, announced today that Hisense Group, one of China's top TV, white goods and electronics manufacturers, has started mass production shipments of its latest-generation of LED/LCD televisions that feature the MxL661, MaxLinear's 6th generation CMOS TV tuner IC.

Hisense is an early adopter of MaxLinear's previous generations of high-performance global hybrid silicon tuners and selected the pin-compatible MxL661 because it provides further cost, performance and feature-set improvements while enabling seamless integration into new TV platforms using existing designs.

Importantly, the MxL661 is the only CMOS hybrid TV tuner solution that implements on-chip programmable RF-to-IF delay necessary for signal reception in legacy Chinese analog cable TV systems with TV content-access protection. This feature, in particular, enables Hisense to configure its television sets for non-standard cable TV signal conditions prevalent in China.

The MxL661's programmability coupled with industry leading sensitivity and linearity performance enables TV manufacturers to provide reliable reception and stable picture quality under severely impaired broadcast conditions.

"Hisense is well recognized as a market leader in the global TV market with a rich product portfolio that covers a wide range of broadcast standards," said Brian Sprague, Vice President and General Manager for Broadband and Consumer Products. "It is a great compliment that Hisense again selected a MaxLinear product, the MxL661, as the trusted tuner solution for its next generation televisions. The MxL661 will provide Hisense a competitive advantage on both performance and cost."

Technical Highlights

The MxL661 hybrid TV tuner is based on MaxLinear's "Super Radio" technology that offers exceptional reception performance, silicon integration, and power consumption. The MxL661 not only enables balun-less implementations for cost-sensitive designs, but also features software programmable radio frequency (RF) to intermediate frequency (IF) signal delay

function, which is required in some Chinese cable TV systems.

The MxL661 delivers market-leading low power consumption of 350mW in typical applications without compromising performance or cost. The very low power consumption and compact 4 mm x 4 mm footprint in a standard 24-pin QFN package make it possible for customers to achieve ultra-small form factors and to support multi tuner applications.

The MxL661 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).

About MaxLinear, Inc.

MaxLinear, Inc. is a leading provider of radio-frequency and mixed-signal semiconductor solutions for broadband communications applications. MaxLinear is headquartered in Carlsbad, California. For more information, please visit www.maxlinear.com.

Cautionary Note About Forward-Looking Statements

This press release contains “forward-looking” statements within the meaning of federal securities laws. Forward-looking statements include, among others, statements concerning or implying future financial performance or trends and growth opportunities affecting MaxLinear, in particular statements relating to Hisense Group’s selection of MaxLinear’s MxL661 television tuner for LED/LCD televisions in the Chinese market. These forward-looking 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 these forward-looking statements. We cannot predict whether or to what extent the design win with Hisense Group 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 Hisense Group, 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; potential decreases in average selling prices for our products; and risks relating to intellectual property protection and the prevalence of intellectual property litigation in our industry. In addition to these risks and uncertainties, investors should review the risks and uncertainties contained in MaxLinear’s filings with the United States Securities and Exchange Commission (SEC), including risks and uncertainties identified in our Annual Report on Form 10-K for the year ended December 31, 2012 and our Quarterly Report on Form 10-Q for the quarter ended September 30, 2013. All forward-looking statements are qualified in their entirety by this cautionary statement. MaxLinear is providing this information as of the date of this release and does not undertake any obligation to update any forward-looking statements contained in this release as a result of new information, future events, or otherwise.

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