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MaxLinear Technology Enables Hybrid Satellite-Terrestrial Set-Top Boxes in Latin America

- *MxL683 single-chip silicon tuner-demodulator enables HD local channel reception; reduces satellite operator re-transmission and delivery costs*

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, today announced that leading OEMs have selected its MxL683 silicon tuner-demodulator device for new, hybrid satellite + terrestrial set-top boxes (STB) for the Latin America pay TV market.

Pay TV operators in Latin America are increasingly adding ISDB-T 13-segment broadcast receivers into existing satellite STB platforms to capture the growing number of high quality, high definition television (HDTV) channels that are broadcast free-to-air in many cities.

The infrastructure and licensing costs associated with combining and re-transmitting these channels over the existing satellite network can be prohibitively expensive. By integrating the ISDB-T receiver in the STB, satellite operators can free up valuable satellite bandwidth for additional pay TV channels and still offer packages with the "must have" local HD content.

"MxL683 has the best performance of any ISDB-T demod tested to date," stated Dr. Gunnar Bedicks, Head of Research, Digital TV Laboratory at Mackenzie Presbyterian University. The Mackenzie DTV Lab is considered to be the leading authority on ISDB-T receiver testing in Brazil.

"As the market demand heats up in Latin America, we are pleased to deliver world-class solutions that help the satellite pay TV operators drive the adoption of HD services," said Brian Sprague, Vice President of Marketing & General Manager at MaxLinear. "The MxL683 has significantly reduced the engineering effort required by our customers to develop hybrid STB solutions."

Technical Highlights

The MxL683 is a highly integrated, single-chip ISDB-T compliant receiver with best-in-class RF tuner and demodulator performance. The MxL683 offers the highest level of integration and the lowest power consumption of any ISDB-T solution in the market. Unlike other competitive devices, MxL683 has been extensively field-tested and optimized to ensure robust over-the-air TV reception in the difficult terrestrial reception environments commonly found throughout Brazil and other Latin American countries.

In particular, the MxL683 delivers excellent linearity and adjacent channel performance, even in the presence of strong interference signals from satellite harmonics, 4G/LTE mobile, multimedia over coax (MoCA) and WiFi. These features enable free-to-air terrestrial signals to be combined with satellite and MoCA signals at the roof, and then carried over a single coax cable to the STB in the home. The RF performance of MxL683 combined with MaxLinear's extensive experience designing complete RF front-end solutions for hybrid satellite + terrestrial STBs, means that the system complexity and design risk is significantly reduced and time-to-market can be accelerated.

The MxL683 silicon tuner-demodulator is shipping today in mass production and is available in a compact 7x7 mm QFN package. Complete turnkey design materials and test reports are available to customers and partners upon request.

About MaxLinear, Inc.

MaxLinear, Inc. is a leading provider of radio-frequency and mixed-signal semiconductor solutions for broadband communications 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 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 OEM selection of the MxL683 for set-top boxes in the Latin America pay television market and the performance of the MxL683 in that market. These forward-looking statements involve known and unknown risks, uncertainties, and other factors that may cause actual results to differ materially from any future results expressed or implied by these forward-looking statements. We cannot predict whether or to what extent the selection of the MxL683 by OEMs for the Latin America market 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 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 on-going intellectual property litigation related to hybrid television tuner products. 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. 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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