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MaxLinear ISDB-T Receiver Earns Industry Leading Brazilian LTE Immunity Certification

- *Company's MxL683 is a field-proven ISDB-T receiver with market-leading LTE immunity; certification, performance, low cost make this device the best front-end solution for the upcoming government STB subsidy program in Brazil*

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, said today that its MxL683 has passed the new Brazilian LTE immunity certification test conducted by Mackenzie Presbyterian University's DTV Laboratory in Sao Paulo, Brazil.

LTE interference with television reception is a significant issue for ISDB-T broadcasting markets. In Brazil, the LTE uplink band (starting at 703MHz) is located right next to the ISDB-T frequency band (ending at 698MHz) with peak transmit power from mobile phone at +23dBm. Under certain circumstances, the proximity of a strong LTE signal can severely affect the ISDB-T signal reception.

Government telecommunications authorities are looking carefully at this situation and mandating that TV and set-top box manufacturers increase the LTE interference protection in these systems. In Brazil, LTE immunity will be a key factor in the government's selection of a receiver that will qualify for a set-top box subsidy program.

MaxLinear's MxL683 ISDB-T receiver was architected to shield STB reception from worst-case LTE interference. The receiver is designed with robust front-end linearity to handle high-power LTE interferers.

Its unique system architecture provides excellent rejection to the close-in uplink LTE blockers. The demodulator design and smart automatic gain control (AGC) circuitry can very effectively handle the bursty nature of LTE signals.

In addition to passing LTE certification by Mackenzie University, the MxL683 has also been certified by the Brazilian telecommunications regulatory authority where the device was the only front-end receiver to pass all tests without the need for a bulky and costly mechanical LTE filter.

"The LTE interference challenge to ISDB-T broadcast systems is just now being felt as LTE networks start to expand in Brazil and many other countries. Governments are recognizing this challenge and acting to protect the integrity of their broadcast networks," said Yves

Rasse, Senior Product Line Director for Satellite and Terrestrial TV. “In the lab and in the field, the MxL683 continues to impress customers with its unmatched LTE interference immunity and its best-in-class reception performance.”

Technical Highlights

Thanks to its RF systems and OFDM demodulator performance, the MxL683 achieves best-in-class performance, including sensitivity, LTE immunity and multi-path fading performance. The unmatched adjacent and co-channel interferer immunity provides assurance that set-top boxes will be reliable and robust in a crowded TV spectrum.

The MxL683 is fully compliant with the Japanese ISDB-T (ARIB STD-B21) and Brazilian SBTVD-T (ABNT NBR 15604) terrestrial TV receiver specifications. Additional features include auxiliary channel decoding for emergency broadcast warning system, high accuracy receiver signal strength indicator (RSSI), and fast channel scan algorithm to reduce the set-top box scan time by up to 50 percent.

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 the Private Securities Litigation Reform Act of 1995. 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 our MxL683 ISDB-T receiver and the upcoming government STB subsidy program in Brazil, the key factors in the selection of a receiver for the government STB subsidy program in Brazil, governmental actions relating to protecting the integrity of broadcast networks, and the continued performance of our MxL683 ISDB-T receiver. 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. 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; currently pending intellectual property litigation; and the potential for additional intellectual property litigation, which is prevalent 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, including risks and uncertainties identified in our Annual Report on Form 10-K for the year ended December 31, 2014 (including Amendment No. 1 thereto) and in our recently filed Registration Statement on Form S-4 (including Amendment No. 1

thereto). 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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