May 8, 2015

MaxLinear Showcased Breakthrough Ku-to-IF Digital Channel Stacking ODU Solution at SES Industry Days

- *Industry's highest level of integration provides best-in-class performance, lowest power and smallest form factor digital ODU. Enables multi-channel content aggregation over a single cable.*

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 it showcased an end-to-end satellite Full Spectrum Capture™ (FSC™) 4K Ultra HD demonstration at the SES Industry Days.

The demonstration highlighted multi-channel services to the home over a single coaxial cable and featured a production-ready direct broadcast satellite digital outdoor unit (D-ODU) leveraging MaxLinear's MxL801 dual-polarity Ku-band satellite down-conversion RF IC, and the MxL862 24-channel, Full-Spectrum Capture channel-stacking system-on-chip (SoC).

The MxL801 Ku-band RF IC is the industry's first fully integrated monolithic Ku-band down-converter designed to exceed strict RF performance requirements of operators. The MxL801 drastically simplifies the RF design, reduces board space, eliminates the need for performance tuning in production and improves product reliability by getting rid of tens of discrete components, including the image reject filter.

The MxL862 is a field-proven, market-leading, digital channel-stacking SoC optimized for single feed satellite platforms and supports up to 4.1GHz of aggregate RF capture bandwidth. Based on MaxLinear's ultra-low power Full-Spectrum Capture technology, the MxL862 integrates a 24 user-band digital channel stacking switch platform including DiSEqC and FSK communication modems as well as an embedded microcontroller.

Complete Digital LNB Solution Readiness

The combination of the MxL801 Ku-to-L-band converter and MxL862 FSC channel-stacking ICs is designed to operate as one complete system for ultra-compact single-feed digital LNB applications.

This results in a highly optimized satellite platform offering up to 24 channels over a single coax cable when configured dynamically, and in excess of 32 channels in a static configuration.

MaxLinear also provides a comprehensive EN50494/EN50607 software protocol stack for a

truly turnkey hardware and software solution. The highly integrated nature of the design, coupled with software configurability, provides a uniquely flexible solution to address a wide variety of satellite operator requirements.

“Consumers are expecting multi-channel and multi-room solutions at an ever expanding rate,” said Thomas Wrede, Vice President, Reception Systems at SES. “However, new distribution technologies are required to keep up with this growth in channel demand. We are impressed by the level of integration and functionality provided by the MaxLinear digital ODU chipset that helps enable the fast adoption of this technology.”

“We are excited about the opportunity to showcase our turnkey Ku-to-IF digital channel stacking solution at the SES Industry Days,” said Yves Rasse, Senior Director, Consumer Product Line. “MaxLinear has been driving the digital ODU revolution for several years, enabling operators worldwide to aggregate their satellite linear content over a single coax cable.”

MxL801 and MxL862 Technical Details

The MxL801 RF IC is part of the MxL80x product family of dual Ku-band down-conversion RF ICs. The devices feature dual Ku-band radio-frequency inputs (10.7 GHz to 12.75 GHz) and dual wideband IF outputs (200 MHz to 2350 MHz) to dramatically simplify the LNB front-end design.

The MxL862 is part of the MxL86x product family of 24-channel digital stacking SoCs. The MxL862 is optimized for single-feed LNB applications. The SoC provides a flexible and very cost-effective, digital channel-stacking system solution, including the EN50494 and EN50607 standard protocol software for single-cable distribution. The device can also be configured in universal L-band switch mode for backward compatibility with legacy STBs and with dish alignment measurement equipment typically used by installers.

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 MaxLinear’s MxL801 Ku-band RF IC and MxL862 24-channel FSC channel-stacking SoC. 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 Quarterly Report on Form 10-Q for the quarter ended March 31, 2015. 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.

MaxLinear, Inc. Press Contact:
The David James Agency LLC
David Rodewald
+1 805-494-9508
david@davidjamesagency.com
or
MaxLinear, Inc. Corporate Contact:
Yves Rasse
Senior Product Line Director for Satellite and Terrestrial TV
+1 760-692-0711
yrasse@maxlinear.com

Source: MaxLinear, Inc.