



MaxLinear Launches High-Performance 32Gbaud Optical Driver for 100Gbps Coherent Ultra Long-Haul Optical Networks

- *The MxL9207 Has Been Qualified by Leading Telecom OEMs for Next-Generation 100Gbps Ultra-Long-Haul Coherent Optical Systems*

CARLSBAD, Calif.--(BUSINESS WIRE)-- MaxLinear, Inc. (NYSE: [MXL](#)), a leading provider of radio frequency (RF) and mixed-signal integrated circuits for cable and satellite broadband communications, the connected home, data center, metro, long-haul fiber networks, and wireless infrastructure, today announced the MxL9207, a quad-channel Lithium Niobate (LiNbO3) Mach-Zehnder (MZ) modulator driver for next-generation 100Gbps optical DWDM coherent systems. The MxL9207 supports DP-QPSK/BPSK coherent design for ultra-long-haul optical networking applications, which have the most challenging systems requirements.

The MxL9207 features a per-channel data rate of 32Gbaud with low jitter and low power dissipation performance. The 7.5Vpp output swing capability makes it an ideal fit for 100Gbps ultra-long-haul and long-haul applications. The device features output crossing-point and output amplitude control. It also has an integrated bias-tee to maintain optimal power dissipation. The 19mm x 13mm SMT package makes it suitable for new and legacy 100Gbps coherent designs.

The company also announced that the MxL9207 is being evaluated by leading telecommunication equipment OEMs for telecom line-side 100Gbps coherent systems.

"The demand for 100Gbps coherent systems for ultra-long-haul and long-haul optical network applications is growing rapidly. The MxL9207 driver provides industry leading combination of rich features and high output-voltage driving capability, which meets the highest performance requirements critical to next-generation infrastructure deployments," said Dr. Kishore Seendripu, MaxLinear CEO and President.

Availability

The MxL9207 is sampling now and will be in production Q4 2016. More information is available at sales@maxlinear.com.

About MaxLinear, Inc.

MaxLinear, Inc. (NYSE: MXL), a leading provider of radio frequency (RF) and mixed-signal

integrated circuits for cable and satellite broadband communications, the connected home, data center, metro, long-haul fiber networks, and wireless infrastructure markets. MaxLinear is headquartered in Carlsbad, California. For more information, please visit www.maxlinear.com.

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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, including statements related to the release and performance of MaxLinear's MxL9207, a quad-channel Lithium Niobate (LiNbO3) Mach-Zehnder (MZ) modulator driver for next-generation 100Gbps optical DWDM coherent systems. 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) risks relating to the integration of our recently announced acquisitions of assets from Microsemi Corporation and from Broadcom; our ability to expand our target markets and increase our revenues, including uncertainties concerning how end user markets for our products may develop; the impact on our future business and operating results of consolidation trends in the semiconductor industry as well as among operators and carriers in our principal target markets; intense competition in our industry; the ability of our customers to cancel or reduce orders; 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 our most recent Annual Report on Form 10-K for the fiscal year ended December 31, 2015, as amended; our subsequent Quarterly Reports on Form 10-Q for the quarters ended March 31, 2016 and June 30, 2016; and our subsequent Current Reports on Form 8-K. 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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