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## MaxLinear Launches Low-Power EML Driver for 100Gbps Data Center and Telecom Transceiver Modules

- *The MxL2025's Low Per-Channel Power Dissipation of 200 mW Leveraged in Qualifications by Leading OEMs for Next-Generation 100Gbps Modules*

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, and for data center, metro, and long-haul fiber networks, today announced the MxL2025, a quad-channel externally modulated-laser (EML) driver for 100Gbps optical transceiver modules.

With an attractive combination of low power dissipation and high performance, MxL2025 supports both emerging 100Gbps client-side telecom module designs and modules being developed for data center networks.

The MxL2025 features a per-channel data rate of 28.3Gbaud with a low 200 mW power dissipation per channel, making it an ideal fit for CFP, CFP2 and CFP4 100Gbps pluggable optical transceiver modules that support the 100GBASE-ER4, 100GBASE-ER4-Lite and 100GBASE-LR4 networking standards. The device features output crossing-point and output amplitude control. It also has an integrated bias tee to maintain optimal power dissipation.

The company also announced that the MxL2025 is being evaluated by leading telecommunication and data communication equipment OEMs for both data center and telecom client-side 100Gbps networking systems.

"The demand for 100Gbps interconnects is growing rapidly, and this is the first EML driver that combines both rich features and low power to create a great fit for multiple applications," said Brendan Walsh, MaxLinear VP of Marketing, Infrastructure Group. "Leading telecom and data center customers' interest in this part shows that the MxL2025's best-in-class performance and reliability are critically important."

### Availability

The MxL2025 is sampling now. More information is available at [sales@maxlinear.com](mailto:sales@maxlinear.com).

### About MaxLinear, Inc.

MaxLinear, Inc. (NYSE:MXL) is a global provider of integrated, radio frequency, and mixed-signal integrated circuits and SoCs. The company is a pioneer in multimedia over coax alliance (MoCA) technology and its products serve broadband communications and

infrastructure industries, including cable TV, satellite TV, data center, metro, and long-haul optical transport network applications. MaxLinear is headquartered in Carlsbad, California. For more information, please visit [www.maxlinear.com](http://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 performance of the MxL2025. 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 we will successfully commercialize and realize revenues from the MxL2025. Forward-looking statements are based on management's current, preliminary expectations and are subject to various risks and uncertainties, including (among others) integration risks arising from our recent acquisition of Entropic Communications, Inc.; 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 our most recent Annual Report on Form 10-K for the fiscal year ended December 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.

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