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MaxLinear Debuts Breakthrough AirPHY™ Wireless Technology Delivering Multi-Gigabit Data Rates Through Concrete Walls and Non-Metallic Barriers Up to 12-Inches Thick

- *IBC technology demo will deliver 1Gbps and 25 Watts of power through a Low-E glass window*
- *AirPHY™ ideal for GPON and 5G fixed wireless broadband access applications*

AMSTERDAM--(BUSINESS WIRE)-- MaxLinear Inc. (NYSE: MXL), a leading provider of radio frequency (RF), analog and mixed-signal integrated circuits for the connected home, wired and wireless infrastructure, and industrial and multimarket applications, today announced its innovative, new AirPHY™ technology that enables data to be transferred wirelessly through typical building materials with an aggregate throughput of up to 2.5 Gbps.

The company will demonstrate AirPHY at IBC 2017 to show how the AirPHY technology solves broadband service providers' dilemma of installing multi-gigabit data services in the home without drilling holes and running cables through external walls. The demo will combine the AirPHY technology with wireless power to deliver 1Gbps data throughput and up to 25 watts of power across a 25mm low-emissivity (low-e) glass window, more than enough to power the AirPHY and fiber-optic modems on the other side.

AirPHY technology is ideally suited for deployments of 5G wireless broadband services that utilize the 28GHz band, which cannot effectively penetrate exterior walls or low-e glass windows.

AirPHY technology will enable service providers to provide bidirectional gigabit broadband services to consumers, delivered from a high-speed modem outside the home to a residential gateway or Wi-Fi router within the home. The AirPHY technology operates within unlicensed radio frequency bands and below the FCC limits for radiated emissions.

"There is a lot of discussion and excitement over broadband wireless access services in the industry and we think that AirPHY has some advantages in throughput and spectrum reuse that make it very compelling," said Will Torgerson, Vice President and General Manager, MaxLinear Broadband Group. "We can foresee many different use cases and applications for this technology, both in retail and service provider markets."

The AirPHY technology demonstration will be held at IBC 2017, September 14-18, in

MaxLinear's meeting suite - RAI Hall 15 MS23. For reservations, please contact sales@maxlinear.com.

About MaxLinear, Inc.

MaxLinear, Inc. (NYSE:MXL), a leading provider of radio frequency (RF), analog and mixed-signal integrated circuits for the connected home, wired and wireless infrastructure, and industrial and multimarket applications. 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 Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements include, among others, statements concerning our introduction of AirPHY™ wireless technologies and statements concerning or implying the performance of these technologies, their potential use cases, and their potential impact on our business and future operating results. These forward-looking statements involve known and unknown risks, uncertainties, and other factors that may cause actual results to be materially different from any future results expressed or implied by the forward-looking statements. Forward-looking statements are based on management's current, preliminary expectations. In particular, our future operating results are substantially dependent on our assumptions about market trends and conditions and our expectations with respect to recently completed acquisitions, including our ability to integrate our recently completed acquisition of Exar Corporation. Additional risks and uncertainties arising from our operations generally and our recently completed acquisitions include intense competition in our industry; our dependence on a limited number of customers for a substantial portion of our revenues; uncertainties concerning how end user markets for our products will develop; potential uncertainties arising from continued consolidation among cable television and satellite operators in our target markets and continued consolidation among competitors within the semiconductor industry generally; our ability to develop and introduce new and enhanced products on a timely basis and achieve market acceptance of those products, particularly as we seek to expand outside of our historic markets; potential decreases in average selling prices for our products; risks relating to intellectual property protection and the prevalence of intellectual property litigation in our industry; indemnification obligations of Exar arising from a recent divestiture; the impact on our financial condition of acquisition indebtedness and cash usage arising from the Exar transaction; our reliance on a limited number of third party manufacturers; and our lack of long-term supply contracts and dependence on limited sources of supply. In addition to these risks and uncertainties, investors should review the risks and uncertainties contained in our filings with the Securities and Exchange Commission (SEC), including the information under the caption "Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2016 and our Quarterly Report on Form 10-Q for the quarter ended June 30, 2017. All forward-looking statements are based on the estimates, projections and assumptions of management as of the date of this press release, and MaxLinear is under no obligation (and expressly disclaims any such obligation) to update or revise any forward-looking statements whether as a result of new information, future events, or otherwise.

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