

September 15, 2017



MaxLinear's Full Duplex DOCSIS® Technology Enables Symmetrical Multi-Gigabit Internet Speeds

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, announced today it will demonstrate its Full Duplex DOCSIS® (FDX) technology showcasing MaxLinear's proprietary echo cancellation technology at the IBC Exhibition.

FDX allows the re-use of the last-mile coaxial cable infrastructure to cost-effectively provide fiber-like Internet access speeds.

The combination of FDX and DOCSIS 3.1 technologies will provide cable service providers a platform to deploy multi-gigabit upstream speeds for broadband services.

Unlike traditional upstream speed increases where the upstream spectrum reduces the total downstream spectrum, FDX is able to simultaneously share the spectrum for both upstream and downstream traffic, allowing cable operators to extend upstream speeds without sacrificing valuable downstream spectrum.

The deployment of FDX over DOCSIS 3.1 and existing hybrid fiber-coaxial (HFC) technology will allow up to 10 Gbps bandwidth with symmetrical capability for upstream and downstream broadband services in the future, removing the need and prohibitive cost of the deployment of fiber to the home.

"MaxLinear is proud to help cable operators in the transition to next-generation, multi-gigabit broadband data services," said Will Torgerson, Vice President & General Manager, MaxLinear Broadband Group. "We've implemented the best-in-class FDX technology using our leadership in RF, analog and mixed-signal integrated circuit development in order to provide cable service providers with a future-proof remote PHY device solution in a very low-power and cost-effective design."

MaxLinear's FDX technology will be demonstrated at IBC, Sept. 15 – 19, 2017, 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.

MxL and the MaxLinear logo are trademarks of MaxLinear, Inc. DOCSIS is a trademark of Cable Television Laboratories, Inc. Other trademarks appearing herein are the property of their respective owners.

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 MaxLinear's Full Duplex DOCSIS® (FDX) technology. 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 and are subject to various risks and uncertainties. The closing of recent acquisitions of wireless infrastructure assets from Microsemi and Broadcom present particular risks associated with our ability to integrate the acquired businesses, and maintain relationships with employees, customers, and vendors. In addition, our current expectations with respect to the size of the available market and growth opportunities in future years are subject to substantial management assumptions that are themselves subject to material risks and uncertainties. Additional risks and uncertainties that could affect our assumptions and expectations with respect to the completed acquisitions that also generally affect our business, operating results, financial condition, and stock price, 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, including pending litigation against us by a third parties in the United States District Court in Delaware and Superior Court of California; 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 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, 2016, subsequent Quarterly Reports on Form 10-Q for the quarters ended March 31, 2017 and June 30, 2017, and our 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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