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MaxLinear Collaborates with Intel and the Cable Industry to Enable 10 Gigabit Technology for New Home Experiences

- *New 10 Gigabit ready gateway platforms will deliver new speed, lower latency and high capacity for ultra-connected homes.*

LAS VEGAS--(BUSINESS WIRE)-- **CES** – 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 that it is working with Intel Corporation and Cable industry leaders, including Charter, Comcast and Cox, on a new family of 10 Gigabit ready gateway platforms for the home.

The new platforms will support 10 Gigabit Full Duplex DOCSIS 3.1[®] (FDX) to deliver multi-gigabit upload and download speeds. MaxLinear is currently developing a new front-end SoC for these platforms based on its patented Full-Spectrum Capture[®] (FSC[®]) technology that includes sophisticated diagnostic and spectrum management capabilities. The front-end will include high speed connectivity to Intel's next-generation gateway SoC. Intel's SoC will offer powerful computing and networking performance and is architected for a wide range of WAN, LAN and WLAN use cases to help MSOs achieve optimal performance and improve Quality of Service (QoS).

The MaxLinear IC, along with Intel's next-generation gateway SoC, will be highly optimized to provide the greatest level of integration while maintaining system design flexibility to support future evolution of implementations. The modular nature of this solution ensures a simple, non-disruptive, path to potential future DOCSIS standards.

10 Gigabit FDX platforms are capable of symmetrical multi-gigabit upstream and downstream performance by re-using available RF spectrum for both upstream and downstream signals while maintaining support for legacy DOCSIS modems and set-top boxes, enabling a scalable deployment.

Market timing and performance targets of the optimized FDX chipset are tightly aligned with major cable multi-system operators (MSOs) and cable modem hardware vendors. Design concepts are currently in trials with existing discrete components provided by MaxLinear and Intel and are undergoing rigorous real-world pre-testing with industry partners.

"10 Gigabit and symmetrical performance are the next wave of services needed in

broadband and FDX is a significant step forward for home connectivity,” said Will Torgerson, Vice President & General Manager of the MaxLinear Broadband Group.

“The growing number of devices, large amounts of data and immersive experiences in the home are going to require 10 Gigabit connectivity that deliver faster speeds and more capacity,” said WK Tan, Vice President and General Manager, Intel’s Connected Home Division. “That is why Intel, the cable industry, and companies such as MaxLinear, are working together to deliver cutting-edge 10 Gigabit technologies to power tomorrow’s ultra-connected homes.”

Availability

Samples of the MaxLinear chips and reference designs are expected in the second half of 2019. Mass production is targeted for 2020.

About MaxLinear, Inc.

MaxLinear, Inc. (NYSE:MXL) is 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 federal securities laws. Forward-looking statements include, among others, statements concerning or implying future financial performance, anticipated product performance and functionality, or trends and growth opportunities affecting MaxLinear, in particular statements relating to MaxLinear’s announcement of a 10 Gigabit technology for home use. 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 such new technology will affect our future revenues or financial performance. Forward-looking statements are based on management’s current, preliminary expectations and are subject to various risks and uncertainties that could cause actual results to differ materially from those described in the forward-looking statements. Forward-looking statements may contain words such as “will be,” “will,” “expected,” “anticipate,” “continue,” or similar expressions and include the assumptions that underlie such statements. The following factors, among others, could cause actual results to differ materially from those described in the forward-looking statements: intense competition in our industry and product markets; risks relating to the development, testing, and commercial introduction of new products and product functionalities; 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; and the potential for 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 September 30, 2018. 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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