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MaxLinear, Celeno Develop Smart MoCA/Wi-Fi Extender Reference Solution Enabling Whole Home Gigabit Wi-Fi

- *New MoCA/Wi-Fi reference design lets operators reduce subscriber in-home connectivity issues and improve user experience by using MoCA as the wired backbone to deliver reliable whole-home Wi-Fi coverage*

ORLANDO, Fla.--(BUSINESS WIRE)-- (CableLabs Winter Conference) – 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, and Celeno Communications, a leading provider of high-performance Wi-Fi silicon and software solutions, today announced a jointly developed reference design that combines the best in MoCA and Wi-Fi home network technologies to enable whole home gigabit Wi-Fi.

The reference design is being demonstrated at the CableLabs Winter Conference in Orlando, Fla., from Feb. 10-11, 2016.

Traditionally, service providers deployed a single Wi-Fi access point in the home to provide Internet access wirelessly, which can severely limit Wi-Fi speed and coverage around the home. Likewise, service providers also used MoCA to provide whole-home DVR services and enable gateway/client architectures.

The MoCA/Wi-Fi extender reference design unites both of these networks to address the growing need of service providers to ensure whole-home Wi-Fi coverage and capacity for their subscribers. The MaxLinear and Celeno MoCA/Wi-Fi extender utilizes the operator's existing in-home coax cables as the wired backbone to interconnect supplemental Wi-Fi access points that can be placed throughout the home to improve service.

The reference design provides original equipment manufacturers (OEMs) with a turnkey platform so they can rapidly develop their own MoCA to Wi-Fi extenders.

The 4x4 802.11ac dual band, dual concurrent MoCA/Wi-Fi reference design features Celeno's Quicksilver CL2440 802.11ac Wave 2 4x4 Multi User MIMO Wi-Fi chip and MaxLinear's low power EN2810 MoCA 2.0 SoC.

The reference design also combines Celeno's newly announced ControlAIR™ multi-AP cluster manager software that enables "zero-touch" provisioning and self-optimizing of a smart Wi-Fi network with multiple access points and extenders. The ControlAIR™ Self Optimizing Network (SON) software not only optimizes throughput in the home by

dynamically steering wireless client devices toward the best extender and the best band, but it also ensures dynamic load balancing of the overall network and spectrum.

“The proliferation of mobile devices, tablets, over-the-top Ultra-HD video, and Internet-of-Things (IoT) will only increase the burden placed on a subscriber’s home network. Service providers need solutions today that reliably distribute high levels of broadband service over the MoCA backbone and can address Wi-Fi throughput and coverage issues,” said Will Torgerson, MaxLinear Vice President & General Manager of Broadband Group. “MaxLinear and Celeno are leading the way with this MoCA/Wi-Fi reference design and we are committed to maintaining a leadership position with even faster MoCA solutions when higher broadband speeds become available in the market.”

“To deliver the fastest available Wi-Fi speeds to their customers, operators are deploying companion MoCA/Wi-Fi extenders adjacent to the main home gateway,” said Lior Weiss, Celeno’s Vice President of Marketing and Business Development. “This joint reference design provides a packaged solution of best-of-breed hardware and control software that dynamically optimizes the Wi-Fi throughput so it can be enjoyed at every location in the home.”

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.

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About Celeno Communications

Celeno provides high performance Wi-Fi chips and software for demanding home networking applications. Celeno’s extensive chip portfolio and OptimizAIR™ technology enable the wireless distribution of multiple and simultaneous HD video and data streams throughout the home with the highest levels of performance and reliability while ensuring a superlative quality of service and user experience. Celeno’s OptimizAIR 2.0™ technology provides unprecedented capabilities to provision and manage both Wi-Fi capacity and radio spectrum. It enables seamless deployment of rich Wi-Fi services such as home hotspots, community Wi-Fi, multicast video and over-the-top to the home user. Celeno’s field-proven chips have been integrated into numerous OEM Wi-Fi devices and have been deployed with over 75 service providers worldwide. Founded in 2005, the company has offices and representatives in EMEA, the US and Asia-Pacific and is backed by blue chip investors including Cisco Systems, Greylock IL, Liberty Global, Pitango Venture Capital and Vintage Investment Partners. www.celeno.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 relating to the performance and opportunities related to the jointly developed MoCA/Wi-Fi extender reference design and possible future solutions from MaxLinear. 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 new MoCA/Wi-Fi extender reference design. 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, as amended by Amendment No. 1, for the fiscal year ended December 31, 2014 and our Quarterly Report on Form 10-Q for the quarter ended September 30, 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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