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MaxLinear Surpasses Gigabit Speed with Its Newest Single-Chip Solution for Coax Home Networks

- *Third-generation MoCA 2.0 system single-chip solution from MaxLinear pushes performance, low power and small size to unprecedented levels*

LAS VEGAS--(BUSINESS WIRE)-- (International Consumer Electronics Show) 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 MxL3705, the world's first fully integrated Multimedia over Coax Alliance (MoCA®) 2.0 system solution that exceeds gigabit-per-second data rates.

MoCA has become essential to pay TV operators for guaranteed distribution of broadband data service throughout the home, moving past its roots as an enabler of multi-room DVR or video gateway / IP-STB networks. Service providers are leveraging in-home coax wiring to create wired data backbones connected to multiple Wi-Fi access distribution points to dramatically improve subscribers' user experience of accessible data speeds everywhere inside the home.

As broadband operators invest in platforms capable of greater than 1Gbps broadband speeds entering the home, the need for a home networking solution that matches the same gigabit-plus data speed performance is essential. The MxL3705 is the only MoCA device on the market that eliminates today's in-home broadband distribution bottleneck of sub-gigabit-per-second data speeds.

As the pioneer of MoCA technology, MaxLinear's MxL3705 is the culmination of eight generations of MoCA technology and the field-experience gained from 120 million chips in cumulative shipments. The MxL3705 constitutes the world's highest-performance coax home networking solution with the greatest level of integration and lowest power in the market.

The MxL3705 can provide 1.2Gbps of aggregate MAC throughput between up to 16 nodes equipped with MaxLinear MxL37xx devices. The device is backward interoperable with MoCA 1.x and MoCA 2.0 bonded and single-channel nodes. The MxL3705 can automatically adjust to its higher performance mode whenever it is communicating to a node based on the MxL3705 or future products in the family. This maximizes throughput for the entire network even when the network is made up of products using MoCA chips from different vendors.

Packaged in an 8mm x 8mm QFN, the MxL3705 is a single-chip MoCA solution consisting of an integrated RF power amplifier (PA), Tx/Rx switch, low-noise amplifier (LNA), Full-

Spectrum Capture™ (FSC™) analog-digital converter (ADC), MoCA PHY and MAC. Supported interfaces within the MxL3705/6 family include RGMII, 2.5G SGMII, and PCIe v2.1. For MoCA adapters, a host-less version of the chip is also available to provide the lowest possible bill-of-material cost.

“MaxLinear is committed to advancing MoCA technology and delivering leading-edge multi-gigabit home networking solutions to the market,” said Will Torgerson, MaxLinear Vice President & General Manager of Broadband Group and Global Sales. “The MxL3705 is uniquely positioned to support the needs of operators to reliably deliver data and IP video at the fastest rates available over a MoCA home network. Perfect for gateways, ONTs, set-top boxes, routers, and Wi-Fi extenders, the MxL3705 satisfies the performance requirements that service providers demand.”

For more information, MaxLinear will be exhibiting at The Venetian Hotel during the 2016 Consumer Electronics Show in Las Vegas. Please contact your local MaxLinear sales representative to arrange an appointment.

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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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 MxL3705, MoCA 2.0 system solution. 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 realize revenues from the MxL3705. 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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