

August 9, 2016



MaxLinear Announces Next Generation Multi-Gigabit MoCA 2.5 Single-Chip Home Networking Solution

- *Supporting over 2.5 Gbps of MAC throughput, the MxL3710 is the world's first multi-gigabit, single chip, coax home networking solution*

KEYSTONE, Colo.--(BUSINESS WIRE)-- 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, data center, metro, long-haul fiber networks and wireless infrastructure, today announced the MxL3710, the world's first fully integrated circuit (IC) to support the multi-gigabit Multimedia over Coax Alliance (MoCA®) 2.5 standard that provides at least 2.5Gbps of aggregate MAC throughput.

The need for faster networking speeds is driven by the demand for gigabit internet service to support key subscriber trends including a growing number of connected devices, streaming of over-the-top 4K video, the use of cloud storage, and mobile data off-loading. Operators are investing in their network infrastructure to bring 1Gbps and higher data-rate services to home subscribers. This in turn creates the enormous challenge of distributing the received multi-gigabit WAN data bandwidth seamlessly throughout the home. MoCA 2.5 addresses the critical need of matching the capacity and reliability of in-home LAN networks to that of the WAN, thus eliminating bottlenecks to high speed data distribution inside the home.

With MaxLinear's MxL3710 MoCA 2.5 solution, service providers can create a reliable wired backbone LAN using the home's existing coax cables. By incorporating the MxL3710 into operator, customer premise equipment such as broadband home gateway devices, are now capable of delivering multi-gigabit bandwidth to every part of the home over existing coaxial cable wiring.

The MxL3710 provides 2.5 Gbps of MAC throughput over a 16-node home network consisting of other MoCA 2.5 devices. Additionally, the MxL3710 has an enhanced mode that enables it to achieve up to 3.0 Gbps of throughput when communicating with other MxL3710 nodes in the same network. The MxL3710 is backward interoperable with any MoCA 1.0, 1.1 and 2.0 standards compliant devices, ensuring seamless integration into existing MoCA home networks.

"Given the recent ratification of the MoCA 2.5 standard, the Multimedia over Coax Alliance is delighted to see MaxLinear set the pace with its MoCA 2.5 offering. Service providers around the world have asked the Alliance to quickly develop multi-gigabit MoCA-based solutions and MaxLinear has delivered," said Charlie Cerino, President of MoCA.

“The MxL3710 is the culmination of our pioneering effort and years of commitment to the MoCA market,” said Will Torgerson, MaxLinear Vice President & General Manager of Broadband Group. “MaxLinear is excited to be the first in the world to offer a multi-gigabit MoCA solution. As internet speeds and usage increase over time, the MxL3710 is well positioned to enable service providers to future proof their in-home network and offer virtually unconstrained throughput around the entire home, with the superior reliability and performance that operators have come to expect from MaxLinear’s MoCA solutions.”

MxL3710 Technical Details

The MxL3710 is a complete MoCA 2.5 system solution in a single chip. It contains an integrated RF power amplifier (PA), Tx/Rx switch functionality, low-noise amplifier (LNA), Full-Spectrum Capture™ (FSC™) analog-digital converter (ADC), MoCA PHY and MAC. Supported interfaces within the MxL3710 family include 2.5G SGMII and PCIe v2.1 (MxL3711). For MoCA adapters, a host-less version of the chip is also available to provide the lowest possible bill-of-material cost.

Available in an 8 mm x 8 mm QFN package, the MxL3710 is pin-compatible to MaxLinear’s recently announced MoCA 2.0 bonded IC, the MxL3705, which delivers up to 1.2 Gbps of MAC throughput. Pin compatibility allows original equipment manufacturers to easily upgrade their existing MxL3705 designs for higher performance 2.5 Gbps applications.

MaxLinear is exhibiting at the Cable Labs Summer Conference in Keystone, Colo., from August 8 - 9, 2016. Please contact your local MaxLinear sales representative to arrange an appointment.

About MaxLinear, Inc.

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, data center, metro, long-haul fiber networks, and wireless infrastructure markets. 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 related to the performance of the MxL3710. 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 MxL3710. Forward-looking statements are based on management’s current, preliminary expectations and are subject to various risks and uncertainties, including (among others) risks relating to integration of our recently announced acquisitions of assets from Microsemi

Corporation and from Broadcom; 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 for the fiscal year ended December 31, 2015 as amended by Amendment No. 1 filed with the SEC on April 28, 2016; our subsequent Quarterly Report on Form 10-Q for the quarter ended March 31, 2016; 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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