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## MaxLinear and Zyxel Introduce Pair of MoCA 2.0 Bonded Products for Service Providers

- *Zyxel delivers end-to-end home networking solution with its MaxLinear-based MoCA-enabled routers and Wi-Fi adapters, offers up to 1.2Gbps throughput*

LAS VEGAS--(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 that its MxL3705 gigabit MoCA2.0™ bonded solution is being used in Zyxel's EMG6765 router and WAP7205 Wi-Fi adapter.

As service providers offer gigabit broadband speeds to their subscribers, they need to ensure all that bandwidth is reliably distributed throughout the home. With MoCA 2.0 integrated into Zyxel's EMG6765 router and WAP7205 Wi-Fi adapter, service providers can use already installed coax cables as a MoCA backbone to extend gigabit broadband to every corner of the home. Using MoCA as a wired backbone is the most reliable and cost effective way to deploy multiple Wi-Fi access points to ensure gigabit coverage and speed.

With Zyxel's EMG6765 router, service providers can easily add a MoCA network to subscribers' homes without having to change the existing customer premise equipment (CPE) modems. The WAP7205 MoCA-to-Wi-Fi extender can then be connected to any coax outlet to increase wireless coverage and performance throughout the home and keep customers satisfied.

"With our newest MoCA-enabled router and MoCA-to-Wi-Fi adapter, Zyxel is pleased to offer an end-to-end gigabit home networking solution for the broadband home of today and into the future," said Jenny Lai, AVP of Zyxel Smart Living Business Unit. "Zyxel has a successful history of delivering CPE products to service providers and we see MaxLinear's MoCA solutions as the next step toward fulfilling the needs of our customers for a fast and robust home network."

"Zyxel's lineup of MoCA products perfectly complements the needs of service providers who don't want to change existing CPE modems," said Will Torgerson, MaxLinear Vice President & General Manager of the Broadband Group. "As higher broadband speeds permeate the market, the need for a high-performance MoCA home network will also grow and we are delighted to see Zyxel is there to fulfill that need."

**MoCA Router and Wi-Fi Adapter Technical Details**

Zyxel uses MaxLinear's MxL3705 single-chip bonded MoCA 2.0 integrated circuit (IC), providing at least 800 Mbps of MAC throughput. The device is backward interoperable with all prior versions of the MoCA standard. The MxL3705 IC also supports 1.2 Gbps of throughput in proprietary mode over a full 16-node network when communicating with other MxL3705-based products.

The MxL3705 MoCA 2.0 channel-bonded solution is offered in an 8x8 mm QFN package that has the smallest PCB footprint and is the lowest power bonded solution in the market.

Zyxel's MoCA-enabled router, the EMG6765 (Wi-Fi AC2200 MoCA Router), implements bonded MoCA 2.0, dual band Wi-Fi with 3x3 2.4GHz 802.11n and 4x4 5GHz 802.11ac wave 2 MU-MIMO technology. Bonded MoCA2.0 provides a gigabit wired backbone that enables customers to enjoy the fastest, most reliable wired and wireless connectivity possible, across the largest number of devices throughout the entire home.

The MoCA-to-Wi-Fi adapter, Zyxel's WAP7205 (Wi-Fi AC1300 MoCA Extender), also supports bonded MoCA 2.0, dual band Wi-Fi with 2x2 2.4GHz 802.11n and 2x2 5GHz 802.11ac wave 2 MU-MIMO acting as supplemental Access Points. With integrated bonded MoCA 2.0, it's the preferred solution for extending Wi-Fi networks to fill in dead zones by using existing coaxial wires in service provider homes.

MaxLinear is exhibiting at the Consumer Electronics Show in Las Vegas, NV, from January 5 - 8, 2017. Please contact a MaxLinear sales representative to arrange an appointment.

### **About MaxLinear, Inc.**

MaxLinear, Inc. (NYSE: MXL), is 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](http://www.maxlinear.com).

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### **About Zyxel Communications**

Focused on innovation and customer centricity, Zyxel Communications has been connecting people to the Internet for nearly 30 years. Our ability to adapt and innovate with networking technology places us at the forefront of creating connectivity for telcos and service providers, business and home users. Zyxel is building the networks of tomorrow, unlocking potential, and meeting the needs of the modern workplace — powering people at work, life, and play. Zyxel is "Your Networking Ally."

- 1,500 passionate associates worldwide
- 100 million devices creating global connections
- 700,000 businesses working smarter with Zyxel solutions
- 150 global markets served

### **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 MxL3705 gigabit MoCA2.0™ bonded 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. 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 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 Reports on Form 10-Q for the quarter ended March 31, 2016, June 30, 2016 and September 30, 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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