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MaxLinear G.hn Wave-2 Technology Picked by Comtrend for New Powerline Adapter

- *Comtrend's new PG-9083 G.hn Powerline Adapter offers up to 2 Gbps network performance optimized for real-time IPTV, voice and gaming applications*

CARLSBAD, Calif.--(BUSINESS WIRE)-- 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 Comtrend Corp. has selected its powerline G.hn Wave-2 networking chipset for a new powerline adapter.

The MaxLinear parts are used in Comtrend's new PG-9083 G.hn Powerline Adapter, which is designed to allow users to extend a home's local area network using existing power lines and outlets at data rates of up to 2 Gbps. The HomeGrid Forum-certified device supports all G.hn standard modes, including the latest MIMO 100MHz band-plan.

Comtrend based its new adapter on MaxLinear's 88LX5152 and 88LX2720 based G.hn Wave-2 chipset for powerline applications. The chipset is designed for premium performance Wave-2 applications up to 2 Gbps with a TDMA-based MAC for low-latency applications like gaming, VoIP and IP television.

The device leverages a low-density parity-check, forward error control mechanism that delivers error-free 4K IPTV video delivery. The chipset delivers standard AES-128 encryption with a plug-and-play security set up.

"We've worked hard to ensure that our G.hn technology for powerline, coax and twisted pair applications is the fastest on the market, and this extension of our relationship with Comtrend is proof that this investment is paying off," said Will Torgerson, Vice President & General Manager of the Broadband Group for MaxLinear. "Comtrend is an important leader in this market, serving a growing, worldwide customer base, and we're looking forward to continuing to be a part of their success."

"The connected-home experience is evolving to include more devices and higher performance, and we've designed the PowerGrid 9083 to support these applications with the best quality data transmission and ITU-T G.hn standard compliance for a truly impressive performance," said Frank Chuang, Vice President of marketing for COMTREND. "Comtrend is a long-time customer of MaxLinear's G.hn technology, and we appreciate the constant innovation and support for the latest standards."

About Comtrend

Founded in 1990, Comtrend is a leading designer and manufacturer of broadband communication equipment. In 2002, Comtrend distinguished itself in North America by joining the IPTV revolution for telephone service providers. At that time, video over DSL was fraught with quality issues based on the emerging standards, outside plant quality, and interoperability issues. Since that time, Comtrend and the many flavors of DSL have become stable partners to hundreds of service providers worldwide. As new technologies evolved, Comtrend's broadband gateways have faithfully kept the lead. Today, whether a customer is connected via fiber, cable, satellite, or DSL, a Comtrend gateway will facilitate the fastest connections while integrating TR-069 manageability. This software technology serves as the backbone to all tiers of service providers, allowing management of tens of thousands of customer premises equipment. From 2010 to the present day, Comtrend has continually grown its product lineup, bringing broadband beyond the gateway. Residential and business users seeking easier ways to extend their networks, whether wirelessly or through a hard-wire connection, now have Comtrend traversing power and phone lines, cable, and wireless. It is apparent today that homes and offices of all sizes cross over to deploy similar technologies.

For more information please visit www.comtrend.com.

About MaxLinear, Inc.

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. 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 MaxLinear's G.hn Wave-2 networking chipset. These forward-looking statements involve known and unknown risks, uncertainties, and other factors that may cause actual results to be materially different from any future results expressed or implied by the forward-looking statements. Forward-looking statements are based on management's current, preliminary expectations and are subject to various risks and uncertainties. The closing of recent acquisitions of wireless infrastructure assets from Microsemi and Broadcom present particular risks associated with our ability to integrate the acquired businesses, and maintain relationships with employees, customers, and vendors. In addition, our current expectations with respect to the size of the available market and growth opportunities in future years are subject to substantial management assumptions that are themselves subject to material risks and uncertainties. Additional risks and uncertainties that could affect our assumptions and expectations with respect to the completed acquisitions that also generally affect our business, operating results, financial condition, and stock price, include, intense competition

in our industry; our dependence on a limited number of customers for a substantial portion of our revenues; uncertainties concerning how end user markets for our products will develop; potential uncertainties arising from continued consolidation among cable television and satellite operators in our target markets and continued consolidation among competitors within the semiconductor industry generally; our ability to develop and introduce new and enhanced products on a timely basis and achieve market acceptance of those products, particularly as we seek to expand outside of our historic markets; potential decreases in average selling prices for our products; risks relating to intellectual property protection and the prevalence of intellectual property litigation in our industry, including pending litigation against us by a third parties in the United States District Court in Delaware and Superior Court of California; our reliance on a limited number of third party manufacturers; and our lack of long-term supply contracts and dependence on limited sources of supply. 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, 2016; our subsequent Quarterly Report on Form 10-Q for the quarter ended March 31, 2017; 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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