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## **MaxLinear G.hn Wave-2 Technology Selected by Cambridge Industries Group (CIG) for New HomeMesh Networking Products**

- *New Wi-Fi extender, Ethernet adapter and powerline networking products will be on display at Broadband World Forum*

BERLIN--(BUSINESS WIRE)-- Broadband World Forum – 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 Cambridge Industries Group (CIG) has selected its G.hn Wave-2 chipsets to build four new products that help carriers address the gigabit home-networking market.

CIG is a leading global original design manufacturer / joint design manufacturer (ODM / JDM) based in Shanghai with US headquarters in Santa Clara, CA. The new family of products developed by CIG address multiple needs of the global market:

- For service providers that plan to use in-home coaxial cables for broadband delivery, the WF-802CW (802.11ac dual-band 2x2 Wi-Fi extender) and the WF-802C (Ethernet adapter) rely on MaxLinear's G.hn Wave-2 technology to deliver up to 2 Gbps over any coaxial cable, without requiring point-of-entry filters or splitter replacement.
- For service providers that prefer the ease of use of powerline networking, the WF-802GW (802.11ac dual-band 2x2 Wi-Fi extender) and the WF-802G (Ethernet adapter) use MaxLinear G.hn Wave-2 technology to deliver gigabit-speed services that consumers can easily install by plugging into any home socket.

CIG's G.hn products enable consumers and carriers to address the challenges of whole-home Wi-Fi delivery including overcoming attenuation by walls and other construction material, interference from neighboring Wi-Fi networks, and other issues. By using CIG's G.hn products as an always-on wired backhaul, CIG's Wi-Fi extenders provide a more robust Wi-Fi experience that can deliver 4K video to any room without buffering delays or packet drops.

All CIG G.hn products include Gigabit Ethernet ports, multiple LEDs that display connectivity and security status, and can be installed by any user at the push of a button. CIG G.hn products are certified by HomeGrid Forum, which provides carriers and consumers with guarantees of interoperability with other certified G.hn products.

“By leveraging MaxLinear’s G.hn technology, CIG has been able to rapidly develop a full range of carrier-grade products that can accommodate the needs of any service provider, regardless of the cabling of their customers,” said Ali Taslimi, EVP and Head of North America Sales and Marketing at CIG. “The fact that the same software and chip family can be reused across multiple networking products has significantly reduced our R&D effort and has enabled CIG to quickly adapt to our global customer needs.”

“Leading vendors like CIG, which have a long history of manufacturing broadband equipment for the best-known brands in the service provider industry, are the perfect partners to leverage MaxLinear’s G.hn technology,” said Will Torgerson, MaxLinear Vice President & General Manager of the Broadband Group. “We look forward to jointly developing a new generation of gigabit-class Wi-Fi extenders and network adapters that enable carriers to deliver gigabit services that consumers can enjoy in every room in their homes, while providing carriers with options like remote monitoring via TR-069, remote firmware upgrades and strong AES-128 encryption.”

These new G.hn products are part of CIG’s HomeMesh™ offering, which provides users with a total home networking solution with stable connections, low latency, seamless roaming, and high throughput that crosses multiple wireless and wireline media. In addition, CIG’s HomeMesh™ software platform and mobile app offer users a convenient and unified configuration and user experience for their pay-as-it-grows-based home network.

CIG is exhibiting HomeMesh products at the Broadband World Forum in Berlin, Germany, October 24<sup>th</sup>-26<sup>th</sup>, 2017. Please contact a CIG sales representative to arrange for an appointment.

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

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

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### **About Cambridge Industries Group (CIG)**

CIG is a leading global SDN / NFV networking equipment manufacturer based in Shanghai (China) with US headquarters in Silicon Valley (Santa Clara, CA). CIG is a privately held company founded by Gerald G. Wong in 2005, with a focus on developing and manufacturing PON, home-networking (routers, Wi-Fi, G.hn and MoCA APs, etc.) and Carrier Ethernet switching products. For more information, please visit [www.cambridgeig.com](http://www.cambridgeig.com).

### **Cautionary Note About Forward-Looking Statements**

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements include, among others, statements

concerning our reference design win with CIG and statements concerning or implying the performance of MaxLinear's technologies, their potential use cases, and the potential impact of these technologies or our design win with CIG on our business and future operating results. 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. In particular, our future operating results are substantially dependent on our assumptions about market trends and conditions and our expectations with respect to recently completed acquisitions, including our ability to integrate our recently completed acquisition of Exar Corporation. Additional risks and uncertainties arising from our operations generally and our recently completed acquisitions 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; indemnification obligations of Exar arising from a recent divestiture; the impact on our financial condition of acquisition indebtedness and cash usage arising from the Exar transaction; 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 our filings with the Securities and Exchange Commission (SEC), including the information under the caption "Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2016 and our Quarterly Report on Form 10-Q for the quarter ended June 30, 2017. All forward-looking statements are based on the estimates, projections and assumptions of management as of the date of this press release, and MaxLinear is under no obligation (and expressly disclaims any such obligation) to update or revise any forward-looking statements whether as a result of new information, future events, or otherwise.

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