

March 22, 2017



## MaxLinear and Guangda c.LINK 1.1+ Broadband Access Solution Chosen by Multiple Cable Operators in China

- *MaxLinear's c.LINK 1.1+ Ethernet over Coax technology gains momentum with Chinese Operators that need cost-effective way to provide next generation broadband data services*

BEIJING--(BUSINESS WIRE)-- **CCBN** – MaxLinear Inc. (NYSE: [MXL](#)), a leading provider of radio frequency (RF) and mixed-signal integrated circuits for the connected home and wired and wireless infrastructure markets, today announced that its customer Guangda has won contracts with multiple cable multi system operators (MSO) in China for broadband customer premise equipment based on MaxLinear's EN3681 and EN3690 c.LINK 1.1+ Ethernet over Coax (EoC) access technology.

Already a leading supplier of MaxLinear's previous generation of c.LINK 1.0 and 1.1 EoC systems to Chinese MSOs, Guangda is ready to deploy its third-generation c.LINK 1.1+ EoC system into MSOs serving consumers in Chengdu, Ningxia, ZheJiang Rui'An, YueQing and CangNan to satisfy the fast-growing demand in China for greater broadband speeds. The c.LINK 1.1+ system provides enough throughput for MSOs to provide cost-effective and reliable next-generation broadband service to their subscribers.

By reusing the existing coax cables in a multiple dwelling unit, an MSO can avoid the costs of installing Ethernet cables or running fiber to every unit. Since a c.LINK 1.1+ system operates in frequencies above the traditional TV band, it can operate on the same coax cables without disrupting any existing services.

"Guangda has a long history of supporting c.LINK technology and is a valued MaxLinear partner. The company's newest c.LINK 1.1+ solution will help drive the transition of China's MSOs from being cable TV operators to becoming high-speed broadband providers," said Will Torgerson, MaxLinear Vice President & General Manager of Broadband Group. "MaxLinear's c.LINK 1.1+ is just the latest example of our commitment to access and home networking markets. We will continue to push the performance boundary with next-generation solutions, providing a long-term roadmap for MSOs."

"China's MSOs are constantly looking for ways to economically offer high-speed broadband service to their subscribers and MaxLinear's c.LINK 1.1+ SoCs deliver both performance and low cost," said YongHuai Kang, General Manager for GuangDa. "With Guangda's c.LINK 1.1+ equipment approved by the Chinese State Administration of Radio, Film and Television (SARFT), China's MSOs can be confident that c.LINK 1.1+ will be able to satisfy their subscriber's need for a reliable and high speed broadband connection."

## **MaxLinear EN36XX c.LINK 1.1+ Technical Details**

A full-performance c.LINK 1.1+ network includes four 50MHz channels, each controlled by a MaxLinear EN3681 network coordinator (NC) SoC. A four-channel NC can deliver up to 800Mbps of usable MAC throughput to 128 CPE modems. A low-cost Ethernet modem consists of a single MaxLinear EN3690 CPE SoC plus Ethernet PHY or the EN3690 can be embedded into a wireless modem to provide in-home Wi-Fi connectivity to the Internet.

Building upon the foundation of c.LINK networks already deployed by China's MSOs, c.LINK 1.1+ is designed to be backward interoperable with previously installed c.LINK 1.0 and 1.1 CPE modems. Support for backward interoperability minimizes the upgrade costs for MSOs by alleviating the need to replace these older modems.

MaxLinear is also a leader in Multimedia over Coax Alliance (MoCA) products and has developed MoCA 2.5 technology that provides a solution for MSOs who need even greater networking throughput and capacity.

MaxLinear's EN3681 and EN3690 c.LINK 1.1+ EoC solution and its next-generation MxL371X MoCA 2.5 SoCs are on demonstration during the 2017 China Content Broadcasting Network (CCBN) conference in Beijing from March 23-25, 2017, at the adjoining Radisson Blu hotel. Please contact your local MaxLinear sales representative for an appointment.

### **Availability**

MaxLinear's EN3681 and EN3690 c.LINK 1.1+ access products are available now.

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

MaxLinear, Inc. (NYSE: MXL), a leading provider of radio frequency (RF) and mixed-signal integrated circuits for the connected home and wired and wireless infrastructure markets. MaxLinear is headquartered in Carlsbad, California. For more information, please visit [www.maxlinear.com](http://www.maxlinear.com).

MxL, Full-Spectrum Capture, FSC and the MaxLinear logo are trademarks of MaxLinear, Inc. Other trademarks appearing herein are the property of their respective owners.

### **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 EN3681 and EN3690 c.LINK 1.1+ Ethernet over Coax (EoC) access technology. 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 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.

View source version on businesswire.com:

<http://www.businesswire.com/news/home/20170322006386/en/>

**MaxLinear Inc. Press Contact:**

The David James Agency LLC  
David Rodewald, 805-494-9508  
[david@davidjamesagency.com](mailto:david@davidjamesagency.com)

or

**MaxLinear Inc. Corporate Contact:**

Jon Iwanaga, 760-517-1173  
Director, MoCA and Access Product Lines  
[jiwanaga@maxlinear.com](mailto:jiwanaga@maxlinear.com)

Source: MaxLinear Inc.