

January 3, 2017



## **MaxLinear and HiSilicon Reference Designs Drive Next Generation Smart Cable Gateway Set-Top Box Market**

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, and HiSilicon Technologies Co., Ltd. today announced joint reference designs to address ultra-high definition (UHD) and high definition (HD) smart cable gateway set-top boxes (STB).

HiSilicon gateway platforms utilize MaxLinear's MxL214C Full-Spectrum Capture™ (FSC™) cable receiver IC, which digitizes the entire cable spectrum, performs the digital tuning and demodulation of up to four cable channels reducing power consumption, complexity and cost.

The smart gateway STB solution allows OEMs to enhance cable operator operations and consumer's viewing experience by using MaxLinear's leading FSC™ technology and providing features such as fast channel change, multi-screen share and remote network monitoring.

The reference platforms combine MaxLinear's MxL214C cable receiver with HiSilicon's 4K Hi3796 or HD Hi3716 system-on-chip (SoC) in order to provide cable operators with the best-in-class UHD and HD smart STB solutions.

Operators in China have already adopted these platforms to enable them to convert existing standard definition TV subscribers to the next generation of digital enhanced UHD and HD content delivery services at a limited cost.

"HiSilicon has been at the forefront of the movement to UHD and HD, helping cable operators with next generation cable set-top boxes that help them differentiate their services and gain new customers," said John Liu, GM of STB product line, HiSilicon. "We combined our leading back-end audio/video decoder SoCs with MaxLinear's front-end MxL214C cable receiver IC to deliver the best STB designs."

"MaxLinear is extremely pleased to be a strategic partner to HiSilicon to target the next generation smart cable gateway set-top box market," said Will Torgerson, Vice President & General Manager, MaxLinear Broadband Group. "MaxLinear's multichannel FSC™ cable receiver in conjunction with HiSilicon's high performance audio/video decoders provide cable operators with competitive features in a very low power, simple and cost-effective design."

The joint reference designs will be on display at CES 2017, January 5<sup>th</sup> – 8<sup>th</sup> 2017, in MaxLinear's private suite at The Venetian Hotel in Las Vegas.

### **Availability**

The MxL214C device is available for sampling and is in mass production. Contact the MaxLinear sales team at [sales@maxlinear.com](mailto:sales@maxlinear.com) for details.

### **About HiSilicon Technologies**

HiSilicon Technologies Co., Ltd. is a leading chipset solution provider for telecom networks, wireless terminals and digital media. HiSilicon has the advantage of providing end-to-end chipsets and solutions, from telecom networks to consumer electronics. Set-top box chipsets have been deployed at more than 100 global operators in over 50 countries, the accumulated volume exceeding 70 million units for IPTV and 80 million units for DVB. For more than 20 years, meeting customers' demands is a driving force for HiSilicon. HiSilicon always aims to provide high quality chip solutions with excellent services and support, and notably a very quick response to customers' requests. HiSilicon Technologies will continuously help customers in their value creation. For more information, please visit <http://www.hisilicon.com>.

### **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](http://www.maxlinear.com).

MxL 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 MxL214C Full-Spectrum Capture™ (FSC™) cable receiver IC. 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 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 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.

View source version on businesswire.com:

<http://www.businesswire.com/news/home/20170103005488/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:  
Cedric Caron, 760-517-1155  
Senior Director of Marketing, Cable Video  
[ccaron@maxlinear.com](mailto:ccaron@maxlinear.com)

Source: MaxLinear Inc.