

April 1, 2013



# MaxLinear ATSC Tuner Technology Enables Over-The-Air Reception in Emerging US Over-The-Top Set-Top Box Market

- *Ultra-low power consumption and small footprint allows MxL603 receiver to deliver local HD channels in new class of over-the-top (OTT) set-top boxes*

CARLSBAD, Calif.--(BUSINESS WIRE)-- MaxLinear Inc. (NYSE: MXL), a leading provider of integrated radio frequency (RF) and mixed-signal integrated circuits for broadband communications applications, today announced that leading OEMs are using its MxL603 silicon tuner device in new Internet video set-top boxes (STBs) shipping into the US market.

A major trend in recent years is the increasing availability of quality over-the-top (OTT) video content from providers like Netflix, YouTube, Hulu and Amazon Instant Video. US consumers are boosting their Internet speeds from their broadband providers to improve their experience in watching videos and movies from online sources.

Only recently have video-streaming STBs with the ability to receive free, over-the-air local broadcast channels become available. Access to local high-definition (HD) broadcast channels is considered "must have" content by most TV viewers.

"Evolving user habits, combined with the huge quantity of content available on OTT services has resulted in a market for non-traditional ways of getting video content. These new STBs deliver broadcast video content over IP to allow users to receive traditional broadcast content on their smart phones, tablets and other IP-enabled devices," said Yves Rasse, Senior Director, Consumer Product Line at MaxLinear. "STBs targeted at this market are a perfect fit for MaxLinear's technology because it delivers a low power, lower cost system with very high performance."

## Technical Highlights

With the release of MaxLinear's latest MxL600 "SuperRadio" tuner technology, STB manufacturers are finally able to integrate multiple over-the-air (OTA) TV receivers into small form-factor products with very little power consumption.

The MxL603 is a digital-silicon tuner based on low-power digital CMOS process technology and supports all global cable and terrestrial TV reception standards, including ATSC in the US. The MxL603 delivers an industry-low noise figure of 3.8 dB and includes MaxLinear's proprietary blocker technology for advanced filtering of strong signals from adjacent

channels.

The MxL603 provides the industry's lowest power consumption at approximately 350 mW per tuner, which enables multi-tuner applications without the need for expensive heat sinks or four-layer PCBs.

The MxL603, available in a 4x4 QFN package, has been shipping in mass production since mid- 2012. A complete reference design kit including hardware design files and integrated tuner-demodulator API software for ATSC-QAM applications is available upon request.

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

MaxLinear, Inc. is a leading provider of radio-frequency and mixed-signal semiconductor solutions for broadband communications applications. MaxLinear is located in Carlsbad, California, and its address on the Internet is [www.maxlinear.com](http://www.maxlinear.com).

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### **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 anticipated growth in the market for OTT-enabled connected devices, our future financial performance, trends and growth opportunities in specific product markets such as OTT STBs, and opportunities associated with new product offerings and our strategy to expand our addressable market. 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. Risks and uncertainties affecting our business and operating results, include, among others, 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, including end user markets in the United States for delivery of video content; 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; intellectual property risks, including risks arising from our continuing intellectual property litigation with Silicon Laboratories; 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 our most recent Annual Report on Form 10-K for the year ended December 31, 2012.

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Source: MaxLinear Inc.