

May 20, 2014



## MaxLinear MxL603 Selected by Nuvyyo for Innovative Tablo HDTV ATSC Broadcast DVR

- *Performance leading MxL603 tuner delivers exceptional signal reception for pioneering app-based ATSC broadcast TV / DVR system*

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 Nuvyyo Inc. has selected the MxL603 global hybrid tuner for its Tablo HDTV broadcast DVR system.

Nuvyyo's Tablo is the first broadcast TV system that combines the functionality of a whole-home DVR and the convenience and mobility of a tablet computer app. Tablo plugs into any HD antenna to capture free broadcast network programming. Customers can view their Tablo's content on any screen at home, or on the road anywhere they have wireless broadband Internet access via a Tablo app. In some early urban test markets, Nuvyyo has found that Tablo can tune to nearly 100 HD channels.

Nuvyyo engineers chose the MxL603 after an extensive evaluation that demonstrated the tuner's best-in-class performance, low power consumption and compatibility with Tablo's demodulator and processor. The MxL603 makes use of MaxLinear's "super radio" technology to provide superior rejection of out-of-band interference from 4G/LTE, Wi-Fi, MoCA and EoC signals, without the need for expensive external filters associated with competing solutions.

The small 4mm x 4mm size of the MxL603 and its low power draw of 350 milliwatts meant that Nuvyyo could develop dual-tuner and quad-tuner models of Tablo and still stay within its form factor and power budget.

"While performing the component evaluation for the ATSC tuner, it was critical for us to select high performance, low power, low cost and compatibility with a demodulator partner," said Grant Hall, Nuvyyo Chief Executive Officer. "Other ATSC tuners were considered and although they may have excelled in one particular criterion they fell short in others. In the end, the MaxLinear MxL603 was the clear leader for our product."

"Tablo is pioneering a new market niche and it has to deliver the best possible picture to be competitive, so tuner performance is a big differentiator," said Brian Sprague, MaxLinear Vice President and General Manager. "The MxL603 is an ideal solution for this application, considering the low power draw, interference immunity and small size that this form factor demands. The fact that Nuvyyo picked our part after such an intensive and comprehensive

evaluation makes this design win a great accomplishment.”

The MxL603 supports all global digital cable and terrestrial television reception standards, including: DVB-T/T2, ISDB-T, ATSC, DTMB, ITU J.83 Annex A/B/C, DVB-C2, DOCSIS and EuroDOCSIS. The device is software-configurable for any of these standards, allowing manufacturers to re-use designs in multiple markets.

### **Technical Highlights**

The MxL603 is based on low-power 65-nm digital CMOS process technology. It delivers an unprecedented noise figure of 3.8 dB. The device also includes MaxLinear’s leading edge blocker immunity technology for advanced filtering of strong signals from adjacent channels. The superior phase noise performance provides assurance to system manufacturers that current products will meet future tuner specifications as they continue to evolve.

Additionally, the MxL603 provides market-leading low power consumption of approximately 350 milliwatts (mW) in digital terrestrial mode. The low power consumption and high level of integration enable low-cost, two-layer tuner-on-board implementations as well as ultra-small tuner modules without the need for expensive heat sinks or four-layer PCBs.

The MxL603 is currently in volume production, with complete reference design kits available for cable and terrestrial applications.

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

MaxLinear, Inc. is a leading provider of radio-frequency and mixed-signal semiconductor solutions for broadband communications applications. 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 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 relating to or implying future financial performance and trends and growth opportunities in specific product markets, including the hybrid tuner 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, operating results, and stock price, 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 for our hybrid tuner products; 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; limited

trading volumes; risks relating to intellectual property protection and the prevalence of intellectual property litigation in our industry, including recently filed actions against us with the United States International Trade Commission and in United States District Court in Delaware; 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, including our Annual Report on Form 10-K for the year ended December 31, 2013 and our Quarterly Report on Form 10-Q for the quarter ended March 31, 2014. 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.

**MaxLinear Inc. Press Contact:**

The David James Agency LLC

David Rodewald

+1 805-494-9508

[david@davidjamesagency.com](mailto:david@davidjamesagency.com)

or

**MaxLinear Inc. Corporate Contact:**

Yves Rasse

Senior Director, Consumer Product Line

+1 760-692-0711

[yrase@maxlinear.com](mailto:yrase@maxlinear.com)

Source: MaxLinear Inc.