

July 26, 2012



## MaxLinear Tuners Power New DVB-T2 Set-Top Boxes in Europe

- *More than 1.4 million MaxLinear DVB-T2 tuners shipped in first half of 2012*

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 it has shipped more than 1.4 million DVB-T2 digital terrestrial television (DTT) tuners into European markets in the first half of 2012 to meet rising demand for DVB-T2 terrestrial TV services.

The widespread adoption of DVB-T2 technology across Western and Eastern Europe for digital DTT broadcast services is giving rise to a new generation of high-definition television (HDTV) set-top boxes. The DVB-T2 standard imposes much stricter radio frequency (RF) performance requirements on the set-top box tuner, compared to previous DTT standards.

MaxLinear has been the market leader in DTT tuners for years, with field-proven products like the MxL603, MxL601, MxL136, MxL101SF, MxL135RF and MxL5007T. In total, MaxLinear has shipped more than 100 million broadband DTT tuners to worldwide markets since 2009.

MaxLinear's trademark low power consumption, excellent performance and low cost derived from its core CMOS tuner technology have enabled it to become the preferred tuner vendor for DVB-T2 HD set-top box solutions.

As noted in a July 23 MaxLinear press release, next-generation set-top boxes based on MaxLinear's new MxL603 silicon tuner are already under development and will enable manufacturers to achieve a level of RF performance that was previously unobtainable. In many typical emerging markets for DVB-T2 set-top boxes, the field conditions for terrestrial broadcasting require that the tuner is capable of reliably receiving over-the-air TV signals that are extremely weak and must have excellent immunity to strong interference sources such as other adjacent analog & digital TV signals, FM radio, WiFi and LTE/4G cellular transmissions.

### **MxL603 Technical Highlights**

Based on low-power 65-nm digital CMOS process technology, the MxL603 silicon tuner supports all global digital cable and terrestrial television reception standards, including: DVB-T/T2, ISDB-T, ATSC, ATSC M/H, 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.

The MxL603 tuner features an integrated LNA, on-chip loop-through, and exceptional sensitivity performance that enables robust reception of weak signals, even in the presence of multiple strong interferers such as LTE/4G, WiFi or adjacent analog and digital channels.

The MxL603 delivers an unprecedented noise figure of 3.8 dB and includes MaxLinear's leading-edge blocker immunity technology for advanced filtering of strong signals from adjacent channels. The combination of superior sensitivity and linearity performance provides assurance to set-top box manufacturers that current products will meet future tuner specifications as they evolve.

MxL603 is available in a tiny 4 mm x 4 mm 24-pin QFN package and consumes approximately 400 mW in digital terrestrial mode. The low power consumption and small footprint enables low-cost, two-layer PCB implementations and ultra-small form factor tuner modules without the need for an expensive heat sink or fan.

### **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).

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 federal securities laws. Forward-looking statements include, among others, statements concerning or implying future financial performance or trends and growth opportunities affecting MaxLinear, in particular statements relating to MaxLinear's DVB-T2 digital terrestrial television tuners and its MxL603, MxL601, MxL136, MxL101SF, MxL135RF, and MxL5007T devices. 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 these forward-looking statements. MaxLinear's expectations about the capabilities and adoption by OEMs may not be realized, and the market for the DVB-T2 digital terrestrial television tuners may not develop as MaxLinear currently anticipates. MaxLinear cannot predict its future rates of revenue growth, if any, including whether or to the extent to which such new product introductions as the DVB-T2 digital terrestrial television tuners as well as MaxLinear's other products may affect future revenue. MaxLinear's business, revenues, and operating results are and will be subject to numerous risks and uncertainties, including (among others) uncertainties concerning how end user markets for its products will develop; its dependence on a limited number of customers for a substantial portion of revenues; its ability to continue to develop and introduce new and enhanced products on a timely basis; and potential decreases in average selling prices for its products. 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 (SEC), including risks and uncertainties identified in its Annual Report on Form 10-K for the year ended December 31, 2011 and its Quarterly Report on Form 10-Q for the quarter ended March 31, 2012. 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.

**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:**

Yves Rasse

Senior Director, Consumer Product Line

760-692-0711

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

Source: MaxLinear Inc.