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MaxLinear Ku-Band Satellite Technology Selected by MTI for Sky Q Wideband LNBs

- *MxL80x Ku-Band downconverter IC enables low-cost, wideband LNBs to deliver full satellite spectrum to Sky Q video servers*

CARLSBAD, Calif.--(BUSINESS WIRE)-- MaxLinear Inc. (NYSE: MXL), a leading provider of radio frequency (RF), analog and mixed-signal integrated circuits for the connected home, wired and wireless infrastructure, and industrial and multimarket applications, today announced that a chip in its MxL80x RF downconverter family has been selected by Microelectronics Technology Inc. (MTI) for a new wideband low-noise block (LNB) that will ship to customers of Sky UK Limited to enable its innovative Sky Q services.

MaxLinear was the first company to develop an integrated circuit that downconverts the incoming satellite RF signal from 10.7GHz-12.75GHz into two wideband IF outputs, each supporting the 290MHz to 2350MHz extended L-Band (XLB) frequency range. MxL80x devices enable up to 4GHz of satellite spectrum to be captured and placed onto two coaxial cables connected to a Sky Q video server in the home.

"MTI selected MaxLinear's MxL80x product family due to its excellent RF performance and ease of use," said Eugene Wu, Vice President at MTI. "With MaxLinear's silicon-based downconverter technology, we can accelerate our time-to-market for next-generation LNB designs that are both innovative and cost-effective."

"MaxLinear's MxL80x product family has been quickly adopted by all of the leading LNB manufacturers," said Will Torgerson, Vice President & General Manager of the Broadband Group. "We're pleased that our innovative satellite technology is helping broadcast satellite operators worldwide to deliver on the promise of whole home, multi-channel HD and 4K/UHD video services."

With the MxL80x, OEMs can significantly simplify the design and lower the cost of new LNBs, while enabling advanced multi-tuner, multi-screen features for service providers.

The MxL80x devices are highly integrated with on-chip image rejection filters, crystal oscillator, phased lock loop (PLL), mixers and IF amplifiers. The MxL80x ICs deliver lower bill-of-material (BOM) cost and reduced power consumption compared to alternative discrete solutions. This enables manufacturers to produce very small form-factor, cost-effective products that meet stringent RF performance requirements from leading broadcast satellite operators.

About MaxLinear, Inc.

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

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Cautionary Note Concerning 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 our reference design win with MTI and statements concerning or implying the performance of MaxLinear's technologies, their potential use cases, and the potential impact of these technologies or our design win with MTI on our business and future operating results. 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. In particular, our future operating results are substantially dependent on our assumptions about market trends and conditions and our expectations with respect to recently completed acquisitions, including our ability to integrate our recently completed acquisition of Exar Corporation. Additional risks and uncertainties arising from our operations generally and our recently completed acquisitions 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; indemnification obligations of Exar arising from a recent divestiture; the impact on our financial condition of acquisition indebtedness and cash usage arising from the Exar transaction; 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 the information under the caption "Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2016 and our Quarterly Report on Form 10-Q for the quarter ended June 30, 2017. All forward-looking statements are based on the estimates, projections and assumptions of management as of the date of this press release, and MaxLinear is under no obligation (and expressly disclaims any such obligation) to update or revise any forward-looking statements whether as a result of new information, future events, or otherwise.

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