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MaxLinear MxL261 Multi-Channel Tuner-Demodulator Powers DOCSIS® 3.0 Products from Skyworth

MxL261 Enables Skyworth to Deliver Eight-Channel DOCSIS Consumer Premises Equipment with the Lowest Power, Size and Cost

CARLSBAD, Calif.--(BUSINESS WIRE)-- MaxLinear, Inc. (NYSE: MXL), [a leading provider of integrated radio frequency \(RF\) and mixed-signal integrated circuits](#) for broadband communication applications, today announced that Shenzhen Skyworth Digital Technology Co. Ltd., a global broadband communications company, has selected the MxL261 digital cable front-end receiver for a new family of DOCSIS® 3.0 consumer premises equipment (CPE).

The CM4100, first in Skyworth's new DOCSIS 3.0 family, is a high-speed data cable modem designed using both the MxL261 and the Intel® Puma™ 5 chipset. Providing up to 200 Mbps data speeds, the CM4100 serves as a broadband network controller for residential and small-office applications.

Utilizing the MxL261's wideband multichannel receiver, Skyworth's CM4100 supports remote spectrum analyzer functions that report network health and performance parameters, which can be used by cable operators in managing and troubleshooting their networks. This innovative feature allows cable operators to avoid costly technician visits to customer homes by remotely monitoring and diagnosing potential problems with customer premises equipment.

"We are pleased to be working with Skyworth on its flagship DOCSIS 3.0 products," said Brian Sprague, MaxLinear's Vice President and General Manager for Broadband and Consumer Products. "Cable modem and gateway markets are evolving rapidly as cable providers strive to meet burgeoning consumer demand for bandwidth and content. This is a great example of the value MaxLinear's DOCSIS receivers bring to OEMs that are developing next-generation cable modem and gateway products. We are looking forward to supporting Skyworth as they deliver expanded multimedia and data bandwidth solutions for the home."

"Our upcoming series of eight-channel DOCSIS 3.0 data gateways and modems offer the high levels of quality and performance that our customers always expect from us," said Xiao Hui Wang, Skyworth Vice President and R&D General Manager. "The MxL261 helps to meet those high standards, and the level of feature integration achieved in the tuner plays a big part in making our next-generation products competitive in the market."

Technical Highlights

The MxL261 is based on MaxLinear's low-power, digital CMOS process RF and mixed-signal technology. It is a single-die, global standards, digital cable front end with integrated splitter, two 100MHz wideband tuners, four QAM demodulators and a four-channel-wide IF output.

The MxL261 consumes less than 175mW per channel in full eight-channel mode. The low power consumption and the power control flexibility of the chip enable compliance with Energy Star and the European Code of Conduct for Digital TV Services and Broadband Equipment for both standby and operating modes. The MxL261 die is mounted in a 7mm x 7mm, 48-pin QFN package. Please contact MaxLinear for ordering information.

About Shenzhen Skyworth Digital Technology Co. Ltd.

Shenzhen Skyworth Digital Technology Co. Ltd. is the second largest subsidiary of the Skyworth Group with an extensive history and expertise in digital television set-top boxes. Skyworth is China's leading STB manufacturer, delivering over 15 million units worldwide every year. Skyworth invests heavily in engineering excellence; 70% of the company's employees work in R&D and have generated more than 100 patents covering nearly all the state-of-the-art STB technologies.

Skyworth products are built in a world-class, 650,000-square-meter manufacturing center with an annual capacity of over 20 million units per year. The company has a very stringent ISO9001 quality process that led to its becoming a member of the Shenzhen Association for Quality, which is the most authoritative quality control association in China.

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.

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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 relating to or implying future financial performance, trends and growth opportunities in specific product markets such as cable modem and gateway markets, 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, 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 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. 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.

DOCSIS is a trademark of Cable Television Laboratories, Inc.

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