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MaxLinear MxL261 Multi-Channel Tuner-Demodulator Single-Chip Front-End IC Powers DOCSIS(R) 3.0 Cable Modem from Hitron

Hitron's CDA-30360 Modem Achieves CableLabs(R) DOCSIS 3.0 Certification with Design Based on Low Power MxL261 Digital Cable Multi-Channel Single-Chip Front End

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 Hitron Technologies Inc., has selected the Maxlinear MxL261 digital cable multi-channel tuner-demodulator single-chip front end IC for a new DOCSIS(R) 3.0 cable modem.

Hitron's CDA-30360 modem recently achieved certification from CableLabs(R). The CDA-30360 is a high-speed data cable modem designed using both the MxL261 and Intel(R) Puma(TM) 5 chipset. The modem features both 10/100/1000 Mbps Ethernet and USB host interfaces for future webcam, printer server or NAS file server connectivity. The modem has advanced features including voice and video support, IPv6 addressing and DES/AES data encryption to ensure complete data privacy. More information on the product can be found at www.hitrontech.com.tw.

The MxL261 is based on MaxLinear's low power digital CMOS process-based 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 delivers ultra-low power at 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.

"We are aggressively expanding our high-speed cable modem product line and we appreciate the flexibility that the MxL261 gives us to develop a common platform that supports our DOCSIS customers in the U.S. and our EuroDOCSIS customers in Europe," said Jonathan Kao, Director of Product Marketing of Hitron Technologies, Inc. "Even though it's a significant effort to launch a DOCSIS 3.0 product with a brand new chip, we were confident of our performance and capabilities because of our experience with the quality of MaxLinear's products."

"This is a great design win, and it's indicative of the value that the MxL261 brings to cable

equipment providers who are looking for cost-effective, low power tuner solutions for DOCSIS products," said Patrick Tierney, Director of Product Line Marketing for MaxLinear, Inc. "The MxL261 is the only part on the market to offer a complete single-chip, front-end solution that combines wide-channel signal capture, QAM demodulation, flexible output and tight integration with Intel's Puma5."

Today's generation of DOCSIS cable modems, embedded multimedia terminal adapters (EMTAs), cable gateways, and high-end set-top-boxes utilize eight downstream channels and four upstream channels (eight by four configuration). The MxL261's four MPEG transport stream outputs, and wideband analog IF-output seamlessly connect to an Intel Puma5 DOCSIS SoC to efficiently capture eight DOCSIS downstream channels. With a simple replacement of the current front end with the MxL261, OEMs may upgrade their field proven and widely deployed four-channel designs to eight-channel designs with minimal changes to hardware and software.

About Hitron Technologies Inc.

Established in 1986, Hitron Technologies Inc. (Taiex: 2419) is headquartered in Taiwan, with development and operation centers in Taiwan, Switzerland, Korea and China. Hitron's goal is to have a footprint in markets across the globe. Hitron has accumulated years of experience in providing networking and communication solutions to service operators. The company has delivered millions of units of DOCSIS-related products annually for both residential and business applications to major MSOs worldwide.

About MaxLinear, Inc.

MaxLinear, Inc. is a leading provider of radio-frequency and mixed-signal semiconductor solutions for broadband communication applications. MaxLinear is located in Carlsbad, California, and its address on the Internet is www.maxlinear.com.

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 opportunities affecting MaxLinear, in particular statements relating to Hitron's selection of MaxLinear integrated circuits for its DOCSIS 3.0 Cable Modem product. These 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 cannot predict its future rates of revenue growth, if any, including the extent to which Hitron's selection of MaxLinear's products may affect future revenues. MaxLinear's business, revenues, and operating results are and will be subject to numerous risks and uncertainties, including (among others) intense competition in the MaxLinear's industry; 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, including risks and uncertainties identified in the Annual Report on Form 10-K filed with the SEC in February 2011.

CableLabs and DOCSIS are trademarks of Cable Television Laboratories, Inc.

Source: MaxLinear, Inc.