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# MaxLinear MxL267 Full-Spectrum Capture™ Receiver Powers Hitron's DOCSIS® 3.0 Cable Gateway Family

*Hitron's CGN3 Gateway Achieves CableLabs® DOCSIS 3.0 Certification with Design Based on MxL267 24-Channel Digital Cable 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 communications applications, today announced that Hitron Technologies Americas, a global telecommunications networking company, has selected the MxL267 Full-Spectrum Capture (FSC™) digital cable front-end receiver for a new family of DOCSIS 3.0 cable modems and gateways.

First in Hitron's new cable gateway family, the CGN3, recently achieved certification from CableLabs®. The CGN3 is a high-speed gateway designed using the MxL267 receiver to deliver speeds of up to 960Mbps via 24 bonded downstream channels over its DOCSIS interface.

The CGN3 also features an integrated four-port Gigabit Ethernet switch and 802.11n 3X3 Dual Band MIMO Access Point for fast and easy home networking. The CGN3 supports full IPv4 and IPv6 routing. For security, the gateway features a firewall for Internet security, as well as pre-configured and pre-enabled Wi-Fi security via Wi-Fi Protected Setup (WPS), allowing end users to rapidly set up a secure wireless network without manual configuration.

Furthermore, the CGN3 gateway delivers extensive network service and feature controls, including remote network monitoring and spectrum analysis, which simplifies deployment and maintenance by cable operators.

"We are pleased to be working with Hitron on its new family of DOCSIS 3.0 products," said Brian Sprague, MaxLinear's Vice President and General Manager for Broadband and Consumer Products. "This is a great design collaboration, and it's indicative of the value the MxL267 brings to cable equipment providers developing next-generation cable modem and gateway products. We are looking forward to supporting Hitron with our Full-Spectrum Capture receivers as they expand multimedia and data bandwidth in the home."

"Hitron is committed to advancing the speed and performance of DOCSIS CPE for our cable operator partners," said Greg Fisher, Hitron's Americas Chief Technology Officer. "The MxL267 Full-Spectrum Capture tuner enables us to enhance our gateway portfolio with 24 downstream channels allowing MSOs to provide near gigabit speeds over the DOCSIS network. Hitron's customers will quickly reap the benefits of our new 24x8 line of WiFi cable

gateways, EMTA gateways, and headless video gateways as they roll out over the course of 2013 starting with the CGN3 which is available today.”

Cable modem and gateway markets are evolving rapidly as cable providers strive to meet burgeoning consumer demand for bandwidth and content. MaxLinear’s portfolio of Full-Spectrum Capture receivers facilitates more efficient distribution of video and IP services, faster download speeds, lower power and lower cost designs.

### **Technical Highlights**

Based on MaxLinear’s industry-leading low-power 40nm CMOS process technology, the MxL267 offers a monolithic digital cable front-end with integrated LNA and signal conditioning functions combined with a Full-Spectrum Capture receiver. In full 24-channel receive mode of operation, the MxL267 provides up to 1Gb/s downstream speeds and consumes less than 90 mW per channel, eliminating the need for expensive heat removal components such as fans, heat shields and heat sinks inside customer equipment.

Additionally, the MxL267 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 utilizing Hitron’s new CGN3 gateway to avoid costly technician visits to customer homes by remotely monitoring and diagnosing potential problems with customer premises equipment.

The MxL267 24-channel DOCSIS 3.0 digital cable receiver is available now in a standard 7mm X 7mm QFN package. Please contact MaxLinear for ordering information.

### **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, Full-Spectrum Capture, FSC and the MaxLinear logo are trademarks of MaxLinear, Inc. Other trademarks appearing herein are the property of their respective owners.

### **About Hitron Technologies Americas**

Hitron Technologies Americas delivers more than 3 million DOCSIS products annually to MSOs worldwide, which support both residential and business class applications. With a world-class manufacturing campus in China and regional offices in the Netherlands and the USA, our global operation spans more than 15 countries with over 1,000 employees.

For more information visit <http://www.hitron-americas.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 growth opportunities affecting MaxLinear, in particular statements relating to Hitron’s selection of MaxLinear’s MxL267 for its family of new cable modems and gateways. 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. We cannot predict whether or to what extent the design win with Hitron will result in future revenues. Forward-looking statements are based on management's current, preliminary expectations and are subject to various risks and uncertainties, including (among others) intense competition in our industry; the ability of our customers, including Hitron, to cancel or reduce orders; uncertainties concerning how end user markets for our products will develop; our lack of long-term supply contracts and dependence on limited sources of supply; potential decreases in average selling prices for our products; and on-going intellectual property litigation related to hybrid television tuner 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 our Annual Report on Form 10-K for the year ended December 31, 2012 and our Quarterly Report on Form 10-Q for the quarter ended March 31, 2013. 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:**

Brian Sprague

Vice President and General Manager

760-692-0711

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

or

**Hitron Press Contact:**

Todd Babic

604-765-3762

[Todd.Babic@us.hitrontech.com](mailto:Todd.Babic@us.hitrontech.com)

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