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MaxLinear MxL265 and MxL267 Full-Spectrum Capture™ Cable Receivers Selected by ARRIS for Broad Range of Next-Generation DOCSIS® 3.0 Products

MxL265 and MxL267 Enable ARRIS Consumer Premises Equipment with the Lowest Power, Size and Cost for Receiving 16 and 24 DOCSIS Channels

CARLSBAD, Calif. & AMSTERDAM--(BUSINESS WIRE)-- **IBC 2012** – MaxLinear, Inc. (NYSE: MXL), a [leading provider of integrated radio frequency \(RF\) and mixed-signal integrated circuits](#) for broadband communications applications, today announced that ARRIS Group, Inc. (NASDAQ: ARRS), a global communications technology company, has selected the MxL265 and MxL267 Full-Spectrum Capture (FSC™) digital cable front-end receivers for a new family of DOCSIS 3.0 consumer premises equipment (CPE).

Announced this past March, MaxLinear's MxL265 and MxL267 devices are capable of simultaneously receiving any combination of 16 or 24 DOCSIS channels, respectively, located arbitrarily inside the cable spectrum.

Delivering up to 1Gb/s downstream speeds, MaxLinear's family of FSC receivers replaces several discrete single-channel cable tuners with just one broadband multi-channel receiver. This significantly reduces the power consumption in ARRIS next-generation gateways, minimizes printed circuit board footprint, eliminates expensive external RF components and simplifies the design of ARRIS platforms.

ARRIS will demonstrate next-generation DOCSIS 3.0 products using the MxL265 and MxL267 at the IBC 2012 show in Amsterdam, which runs from Sept. 7 - 11. ARRIS will be located in Hall 1, Booth D-41 at the RAI Amsterdam. The demonstration will feature ARRIS 16- and 24-bonded downstream devices delivering throughput speeds up to 840 Mb/s.

Meeting the ever-increasing consumer demand for media and data content, ARRIS gateways provide cable operators the additional channel tuning capacity and downstream bandwidth required to enable rich multimedia and high data content services at home.

"We are pleased to be working with ARRIS on its flagship DOCSIS 3.0 products," said Brian Sprague, MaxLinear's Vice President and General Manager for Broadband and Consumer Products. "Video gateway and set-top box markets are evolving rapidly as cable providers strive to meet burgeoning consumer demand for bandwidth and content. We are looking forward to supporting ARRIS with our FSC receivers to facilitate more efficient distribution of video and IP services, faster download speeds, lower power and lower cost designs."

“Our upcoming series of 16- and 24-channel DOCSIS CPE offers the high levels of quality and performance that our customers always expect from us,” said Derek Elder, Senior Vice President and General Manager of the ARRIS CPE business unit. “The MxL265 and MxL267 help to meet those high standards, and the level of integration achieved in the chips plays a big part in making our next-generation products competitive in the market.”

Technical Highlights

The MxL265 and MxL267 are based on MaxLinear's industry-leading low-power 40nm CMOS process technology. They each offer a monolithic digital cable front-end with integrated LNA and signal conditioning functions combined with a Full-Spectrum Capture receiver.

In full 16-channel receive mode of operation, the MxL265 consumes less than 110 milliwatts (mW) per channel. Likewise, the MxL267 consumes less than 90 mW per channel in full 24-channel receive mode. The extremely low power consumption of these devices eliminates the need for expensive heat removal components such as fans, heat shields and heat sinks inside customer equipment.

Both the MxL265 and MxL267 support 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.

Further enhancing the low-power benefits of the MxL265 and MxL267, each device supports a wake-on-WAN capability, which allows the device to wake up a dormant host processor upon receipt of a unique packet from the cable network. This feature eliminates the need to keep customer premises equipment fully powered up during inactivity. The power control flexibility of MaxLinear's FSC devices enables compliance with the requirements of Energy Star, and the European Code of Conduct for Digital TV Services and Broadband Equipment for both standby and operating modes.

The MxL265 16-channel and the MxL267 24-channel DOCSIS 3.0 devices are pin-to-pin compatible in a standard 7mm X 7mm QFN package. Customer samples of the MxL265 and MxL267 are available now with volume production in Q3 2012. 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.

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 ARRIS Group, Inc.

ARRIS is a global communications technology company specializing in the design, engineering and supply of communications and IP technologies that support broadband

services for residential and business customers around the world. The company supplies broadband operators with the tools and platforms they need to deliver and monitor advanced video, data and voice subscriber services, including whole home video across multiple screens, ultra high-speed data, personalized advertising and carrier-grade telephony. Headquartered near Atlanta, in Suwanee, Georgia, USA, ARRIS has R&D centers in Beaverton, OR; Chicago, IL; Cork, Ireland; Kirkland, WA; Redwood City, CA; Shenzhen, China; State College, PA; Tel Aviv, Israel; Wallingford, CT; and Waltham, MA, and operates support and sales offices throughout the world. Information about ARRIS products and services can be found at www.arrisi.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 MaxLinear’s Full-Spectrum Capture (FSC™) digital cable front-end receivers and its expectations for demand trends in the cable and consumer broadband markets. 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. In particular, these markets may not develop in the manner or the timeframes that MaxLinear currently anticipates. Moreover, MaxLinear cannot predict its future rates of revenue growth, if any, including whether or the extent to which either FSC™ adoption or our design-wins with ARRIS 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; the ability of customers, including ARRIS, to reduce or cancel orders; MaxLinear’s 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 MaxLinear’s most recent Annual Report on Form 10-K for the year ended December 31, 2011 filed with the SEC on March 14, 2012 and its Quarterly Report on Form 10-Q for the quarter ended June 30, 2012 filed with the SEC on August 2, 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.

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