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ARRIS Selects MaxLinear MxL261 8 Channel QAM Receiver for Full Range of DOCSIS 3.0 Products

MxL261 Provides Lowest Power, Size and Cost for Capturing Eight QAM DOCSIS Channels to Help Enable ARRIS Consumer Premise Equipment

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 ARRIS Group Inc., a global communications technology company, has selected the MxL261 dual-wideband tuner + quad demodulator for a new family of DOCSIS® 3.0 consumer premise equipment (CPE).

The MxL261 is a unique dual-wideband tuner, quad QAM demodulator digital cable front-end chip with the ability to capture eight channels in two independent 100MHz input frequency bands located anywhere in the cable spectrum.

ARRIS is using the MxL261 in a full range of eight-channel DOCSIS 3.0 CPE including, the TG862 Wireless Gateway, the TM822 E-MTA, the TM804 four-line E-MTA, and the CM820 cable modem. The ARRIS Touchstone CPE products is a portfolio of solutions that support cable operators as they develop services for their upgraded DOCSIS 3.0 markets. This line of products incorporates data-only modems, two and four-line E-MTAs, and integrated wireless voice and data modems. Several of the telephony-enabled products are equipped with battery back-up for emergency use during a power outage and diagnostic tools for remote fault detection for inside wiring, off-hook instances, or network challenges that may affect a subscriber's experience. These features help cable operators ensure that they are providing the best quality service to their subscribers.

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 chip with an integrated low noise amplifier, two-way splitter, two 100MHz wideband tuners, four QAM demodulators and a four-channel wide intermediate frequency (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 ARRIS battery-backed voice products to match time and standby time requirements with the lowest battery cell configuration. The MxL261 die is mounted in a 7mm x 7mm, 48-pin QFN package.

"We are pleased to be working with ARRIS on many of its flagship DOCSIS 3.0 products," said Kishore Seendripu, MaxLinear's CEO. "The ARRIS commitment to excellence and competitiveness fits perfectly with MaxLinear's ideals, and the MxL261 provides a solution that meets their exacting standards for performance, quality and cost."

“Our new line of DOCSIS CPE offers the very high levels of quality and performance that our customers always expect from us,” said Derek Elder, SVP & General Manager of the ARRIS Touchstone CPE business unit. “The MxL261 helps to meet those high standards, and the level of integration achieved in the chip plays a big part in making our 8 channel products competitive in the market.”

The MxL261 is shipping in high volume. Please contact sales@maxlinear.com to place an order.

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.

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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 ARRIS’s selection of MaxLinear’s MxL261 dual-wideband tuner + quad demodulator for its new consumer premise equipment products. 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 ARRIS’s selection of MaxLinear’s MxL261 dual-wideband tuner + quad demodulator may affect future revenues, if any, and whether or to what extent the design win may result in actual orders and related revenues. 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; 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 its most recent Quarterly Report on Form 10-Q.

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