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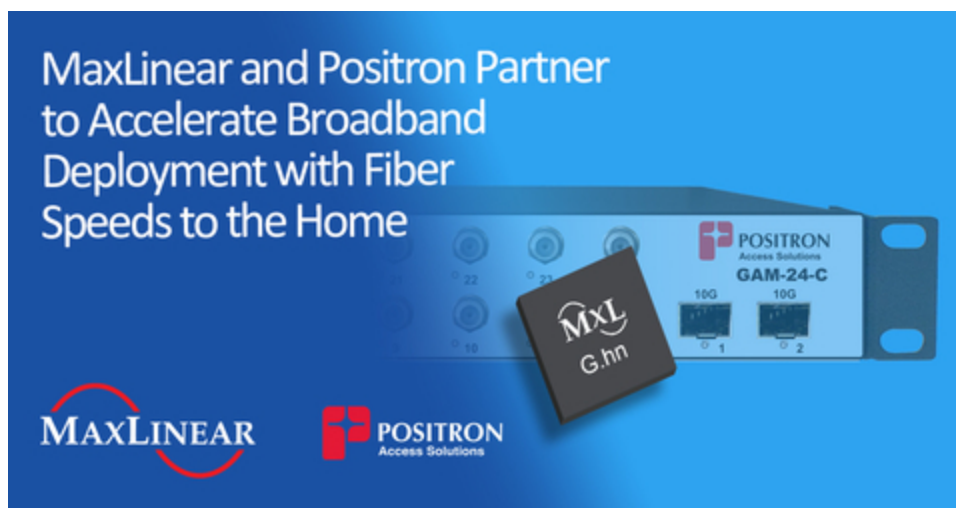


MaxLinear and Positron Partner to Accelerate Broadband Deployment with Fiber Speeds to the Home

- *MaxLinear G.hn technology enables Positron G.hn Access Multiplexer (GAM) solutions to provide gigabit connectivity to legacy networks*

CARLSBAD, Calif.--(BUSINESS WIRE)-- MaxLinear, Inc. (Nasdaq: MXL), a leader in broadband solutions, today announced that Positron Access Solutions has selected the MaxLinear G.hn chipset for use in its G.hn Access Multiplexers (GAM) products. The Positron GAM solutions extend fiber and fixed-wireless access Gigabit services to legacy properties over the existing coax or twisted pair wiring infrastructures. These solutions allow service providers to connect subscribers in legacy residential, multi-tenant, and hospitality buildings at barely 20% of the cost of deploying fiber to the door. MaxLinear and Positron will showcase these solutions at Network X in Paris, France, October 24 – 26. Booth B1 (MaxLinear) Booth B3 (Positron in the Home Grid Forum).

This press release features multimedia. View the full release here:
<https://www.businesswire.com/news/home/20231016961564/en/>



MaxLinear and Positron Partner to Accelerate Broadband Deployment with Fiber Speeds to the Home (Graphic: Business Wire)

The versatility of the G.hn as a Gigabit access technology standard provides subscribers with ultra-fast and reliable network connectivity. G.hn is robust and works over any wiring infrastructure – coax, telephone wire, powerline or Power-over-Fiber (POF). G.hn achieves very low latency for any user traffic while enforcing

comprehensive Quality of Service (QoS) and achieving Gigabit speeds under any packet size. These capabilities translate to greater product reliability, lower equipment development costs, lower deployment costs and quicker time to market as the solution requires no rewiring.

“Connectivity convergence is becoming increasingly important as consumers demand reliable access at Gigabit speeds,” said Will Torgerson, Vice President, Broadband Group for MaxLinear. “Service providers require solutions that enable quick and cost-effective deployment for legacy MDUs and hotels, and Positron delivers with their advanced GAM solutions.”

“Over 200 service providers rely on our GAM solutions to connect bypassed buildings and help bridge the digital divide,” Positron Access President and CTO Pierre Trudeau commented. “With the MaxLinear G.hn superior technology and Positron’s engineering excellence, we offer service providers the solution that enables end-to-end flow-through provisioning for advanced Gigabit services to the customer.”

Why MaxLinear G.hn?

The G.hn Access baseband processors and analog front-end chipsets are fully ITU compliant and deliver physical data rates up to 2Gbps, the fastest G.hn performance in the industry. When operating over coaxial cabling, each G.hn port can serve up to sixteen (16) subscribers by reusing the existing CATV spitters and taps already in place. Each G.hn subscriber port supports up to 1.7 Gbps with advanced dynamic bandwidth allocation for near-symmetrical Gigabit services over the existing cabling.

For a complete overview of the MaxLinear G.hn solutions, [click here](#).

Why Positron Advanced Solutions?

The Positron GAM product family operates over telephone wiring (1-pair SISO and 2-pair MIMO) with extensive support for VectorBoost™ noise cancellation in multi-pair binders. The GAM offers robust dynamic bandwidth allocation for optimal performances at all times. With 12- and 24-port indoor units and reverse-powered fed (RPF) 4- and 8-port outdoor units, the GAM scales to serve any deployment environment with the same advanced management capabilities.

Positron’s carrier-grade G.hn solution (GAM) packs carrier-grade Ethernet Switching and management capabilities to extend fiber or wireless services, laying the Gigabit Ethernet foundation for services such as managed Wi-Fi and smart building solutions.

Positron products are available now. For a complete overview of Positron’s GAM Solution, [click here](#).

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About MaxLinear, Inc.

MaxLinear, Inc. (Nasdaq: MXL) is a leading provider of radio frequency (RF), analog, digital, and mixed-signal integrated circuits for access and connectivity, wired and wireless infrastructure, and industrial and multimarket applications. MaxLinear is headquartered in Carlsbad, California. For more information, please visit <https://www.maxlinear.com/>.

About Positron Access Solutions

Positron Access Solutions manufactures products that increase the bandwidth delivered by Tier-1 carriers and over 200 Tier- 2/3 Operators. Positron's G.hn Gigabit Access Multiplexer (GAM) extends fiber or fixed-wireless Gigabit services over the existing in-building wiring in Multi-Dwelling Units (MDU) and Multi-Tenant Units (MTU). With seamless support for XGS-PON and fixed wireless access (FWA) flow-through provisioning, it delivers managed real-time non-blocking Gigabit speeds to each subscriber without the cost and construction disruption of installing fiber to each door (up to 800 feet over existing telephone pairs or 2,600 feet over existing RG6 coaxial cable and splitters). The GAM is developed, manufactured, and supported in North America. Positron is a proud member of the HomeGrid Forum. For more information, visit <https://www.positronaccess.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, anticipated product performance and functionality of our products or products incorporating our products, and industry trends and growth opportunities affecting MaxLinear, in particular statements relating to the partnership between MaxLinear and Positron Access Solutions and statements relating to MaxLinear's G.hn technology, including but not limited to, with respect to anticipated growth in the potential market opportunities for such technology and the functionality, performance and the benefits of use of such technology. These forward-looking statements involve known and unknown risks, uncertainties, and other factors that may cause actual results to differ materially from any future results expressed or implied by these forward-looking statements. We cannot predict whether or to what extent these new and existing products will affect our future revenues or financial performance. Forward-looking statements are based on management's current, preliminary expectations and are subject to various risks and uncertainties that could cause actual results to differ materially from those described in the forward-looking statements. Forward-looking statements may contain words such as "will be," "will," "expected," "anticipate," "continue," or similar expressions and include the assumptions that underlie such statements. The following factors, among others, could cause actual results to differ materially from those described in the forward-looking statements: risks relating to the partnership between MaxLinear and Positron Access Solutions; risks relating to the development, testing, and commercial introduction of new products and product functionalities; risks related to the terminated merger with Silicon Motion; the effect of intense and increasing competition; impacts of a global economic conditions; the cyclical nature of the semiconductor industry; a significant variance in our operating results and impact on volatility in our stock price, and our ability to sustain our current level of revenue, which has declined, and/or manage future growth effectively, and the impact of excess inventory in the channel on our customers' expected demand for certain of our products; the political and economic conditions of the countries in which we conduct business and other factors related to our international operations; increased tariffs or imposition of other trade barriers; our ability to obtain or retain government authorization to export certain of our products or technology; risks related to international geopolitical conflicts; risks related to the loss of, or a significant reduction in orders from major customers; a decrease in the average selling prices of our products; failure to penetrate new applications and markets; development delays and consolidation trends in our industry; inability to make substantial research and development investments; claims of intellectual property infringement; our ability to protect our intellectual property; and a failure to manage

our relationships with, or negative impacts from, third parties. 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 arising from other factors affecting the business, operating results, and financial condition of MaxLinear, including those set forth in MaxLinear's most recent Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, and Current Reports on Form 8-K, as applicable. 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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