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MaxLinear Enhances Control-Plane Connectivity for AI Data Centers with New Coronado™ and Laguna™ USB UART Solutions

CARLSBAD, Calif.--(BUSINESS WIRE)-- MaxLinear, Inc. (NASDAQ: MXL), a leader in high-performance connectivity and mixed-signal semiconductor ICs for compute, networking, and storage applications, today announced the expansion of its USB UART portfolio with the introduction of the Coronado™ (MxL81424) and Laguna™ (MxL81108) families. The expanded portfolio is purpose-built to meet the rapidly scaling control-plane and console-access demands of AI Infrastructure.

This press release features multimedia. View the full release here: https://www.businesswire.com/news/home/20260519052561/en/

Control-plane connectivity in AI data center racks enabled by multi-channel USB UART solutions

As hyperscale AI data center deployments drive unprecedented rack density and system complexity, reliable out-of-band management infrastructure has become mission-critical. MaxLinear's latest portfolio expansion directly addresses these challenges by delivering high-concurrency, space-efficient, and scalable console connectivity for next-generation AI platforms, including Universal Baseboards (UBB), multi-node systems, and rack-scale architectures. The Coronado™ and Laguna™ USB UART family of devices provide the foundational connectivity for console access, system bring-up, monitoring, configuration, and service operations across servers, storage systems, network equipment, and rack-level management controllers.

Optimized for Control-Plane Performance at AI Data Center Rack Scale

The new Coronado™ and Laguna™ USB UART devices support USB 2.0 and integrate enhanced multi-channel UART functionality to support dense, high node count environments where deterministic access, operational uptime, and reliability are critical.

- **High-Concurrency Console Operation:** Large 512-byte transmit and receive FIFOs support high-throughput deterministic data paths for concurrent system access.
- **Multi-Channel Scalability:** Supports fan-out console architectures and rack-level aggregation.
- **Compact Integrated Clock Architecture:** On-chip programmable oscillator reduces BOM and board space while improving long-term reliability.

- **Rack-Scale Robustness:** ±15 kV ESD protection without the need for external components.

With more than a decade of deployment in critical infrastructure, MaxLinear USB UART solutions are widely used across cloud, enterprise, and newly deployed AI compute environments, providing a proven foundation for control-plane connectivity.

Coronado™ (MxL81424): Ultra-Compact, High-Density Integration

The MxL81424 is engineered for next-generation AI platforms where board space and integration efficiency are paramount.

- Ultra-compact 5 × 5mm QFN package reduces board area and overall system complexity in space-constrained AI system designs.
- Integrated programmable 48MHz oscillator eliminates external clock components, including crystals or external oscillators.
- Flexible internal clock is programmable to 6MHz, 12MHz, or 24MHz to support application-specific requirements.
- High-performance fractional baud-rate generator enables accurate UART baud rates of up to 12Mbps.

Laguna™ (MxL81108): Drop-In Flexibility for Scalable Deployment

The MxL81108 is designed to accelerate adoption and simplify transitions in existing designs:

- Pin-to-pin compatibility with widely deployed USB-to-UART solutions.
- Seamless drop-in replacement for rapid qualification.
- Enhances supply-chain flexibility across existing and new high-volume AI platforms.

"AI data center deployments are pushing infrastructure to new levels of scale, density, operational complexity, and industrial-level reliability. Our expanded USB UART portfolio is designed specifically for these environments, enabling our hyperscaler customers and OEMs to deploy scalable, resilient, and flexible control-plane connectivity while maintaining performance and supply continuity," said **Amit D. Bavisi, Ph.D., Senior Vice President and General Manager, Analog Mixed-Signal Business Unit at MaxLinear**. “We believe that the market size for USB UART devices is substantial with an estimated 200M units driven by AI Data Center deployments. We are selectively sampling our latest USB UART devices now to support customer evaluation and platform development.”

Availability

- Coronado™ (MxL81424): Samples expected in June 2026, production scheduled for the second half of 2026.
- Laguna™ (MxL81108): Samples expected in Q3 2026, production scheduled by the end of 2026.

Further information on these new products is available at MxL81424, MxL81108.

For more information on MaxLinear’s complete portfolio of USB UARTs and Serial transceivers, visit: MaxLinear UARTs and MaxLinear Serial Transceivers

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/.

Cautionary Note About Forward-Looking Statements

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements include, among others, statements relating to MaxLinear's Coronado™ and Laguna™ products and the functionality, performance and benefits of such products, statements about the potential market opportunity for MaxLinear's Coronado™ and Laguna™ products; the market size for USB UART devices; the timing of samples and production of MaxLinear's Coronado™ and Laguna™ products; and statements by MaxLinear's Senior Vice President and General Manager, Analog Mixed-Signal Business Unit. 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 the forward-looking statements and our future financial performance and operating results forecasts generally. Forward-looking statements are based on management's current, preliminary expectations and are subject to various risks and uncertainties. In particular, our future operating results are substantially dependent on our assumptions about market trends and conditions. Additional risks and uncertainties affecting our business, future operating results and financial condition include, without limitation; risks relating to: the development, testing, and commercial introduction of new products and product functionalities, including MaxLinear's Coronado™ and Laguna™ products; risks related to the market opportunity for MaxLinear's Coronado™ and Laguna™ products not developing or MaxLinear not being able to capture share of the market; potential delays related to the timing of samples and production of MaxLinear's Coronado™ and Laguna™ products; the capabilities of our technology; our terminated merger with Silicon Motion and related arbitration and class action complaint and the risks related to potential payment of damages; the effect of intense and increasing competition; increased tariffs, export controls or imposition of additional trade barriers; impacts of 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 previously 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 and on our revenue; escalating trade wars, military conflicts and other geopolitical and economic tensions among the countries in which we conduct business; international geopolitical and military conflicts; our ability to obtain or retain government authorization to export certain of our products or technology; the loss of, or a significant reduction in orders from major customers; legal

proceedings or potential violations of regulations; information technology failures; 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 and productive research and development investments; delays or expenses caused by undetected defects or bugs in our products; substantial quarterly and annual fluctuations in our revenue and operating results; failure to timely develop and introduce new or enhanced products; order and shipment uncertainties and differences between our estimates of customer demand and product mix and our actual results; failure to accurately predict our future revenue and appropriately budget expenses; lengthy and expensive customer qualification processes; customer product plan cancellations; failure to maintain compliance with government regulations; failure to attract and retain qualified personnel; any adverse impact of rising interest rates on us, our customers, and our distributors and related demand; risks related to compliance with privacy, data protection and cybersecurity laws and regulations; risks related to conforming our products to industry standards; risks related to business acquisitions and investments; claims of intellectual property infringement; our ability to protect our intellectual property; security vulnerabilities of our products; use of open source software in our products; failure to manage our relationships with, or negative impacts from, third parties; and future decisions relating to our stock repurchase program.

In addition to these risks and uncertainties, investors should review the risks and uncertainties contained in our filings with the Securities and Exchange Commission, including our Current Reports on Form 8-K, as well as the information to be set forth under the caption "Risk Factors" in MaxLinear's Quarterly Report on Form 10-Q for the quarter ended March 31, 2026. All forward-looking statements are based on the estimates, projections and assumptions of management as of the date of this press release, and MaxLinear is under no obligation (and expressly disclaims any such obligation) to update or revise any forward-looking statements whether as a result of new information, future events, or otherwise.

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