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MaxLinear's XR9240 Data Compression and Security Coprocessor Adds Support for Dell EMC VMAX All-Flash Storage Arrays

- *XR9240 Data Compression and Security Coprocessor supports Dell EMC customers using Dell EMC VMAX Enterprise-Class All-Flash Storage to realize maximum data reduction*

CARLSBAD, Calif.--(BUSINESS WIRE)-- MaxLinear, Inc. (NYSE:MXL), a leading provider of radio frequency (RF), analog and mixed-signal integrated circuits for the connected home, wired and wireless infrastructure, and industrial and multimarket applications, today announced that the hardware compression solution offered by the MaxLinear XR9240 coprocessor will support the Dell EMC VMAX All-Flash storage array portfolio.

The XR9240's parallel data processing engines enable today's all-flash array storage systems to optimize inline data reduction, both deduplication and compression, without compromising bandwidth or latency. The XR9240 delivers 40 gigabits/second of simultaneous compression, encryption and hashing with compression ratios better than gzip level 4 and latency measured in the tens of microseconds.

This coprocessor was specifically designed for enterprise storage systems and includes data integrity features such as Real Time Verification (RTV) and built-in Cyclical Redundancy Check (CRC) as well as a full suite of encryption algorithms to ensure data security.

The MaxLinear XR9240 is designed to deliver higher compression ratios than alternative hardware accelerators or software. In addition, it offloads deduplication and encryption processes without compromising system bandwidth and latency. Dell EMC engineers can simultaneously maximize application performance and storage capacity in VMAX All-Flash arrays with inline data reduction from the XR9240 coprocessor.

"The XR9240 offloads computationally intensive compression and security algorithms from the system CPU," said Colin Earle, MaxLinear Senior Director of Marketing, Interface Products. "This offload frees up system processor cores to do what they were meant to do: deliver maximum application performance, not waste precious cycles compressing and hashing data."

About MaxLinear, Inc.

MaxLinear, Inc. (NYSE:MXL), a leading provider of radio frequency (RF), analog and mixed-

signal integrated circuits for the connected home, wired and wireless infrastructure, and industrial and multimarket applications. MaxLinear is headquartered in Carlsbad, California. For more information, please visit www.maxlinear.com.

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Cautionary Note Concerning 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 concerning MaxLinear's XR9240 coprocessor's support of the Dell EMC VMAX All-Flash storage array portfolio and statements concerning or implying the performance of MaxLinear's technologies, their potential use cases, and the potential impact of these technologies on our business and future operating results. 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. Forward-looking statements are based on management's current, preliminary expectations. In particular, our future operating results are substantially dependent on our assumptions about market trends and conditions and our expectations with respect to recently completed acquisitions, including our ability to integrate our recently completed acquisition of Exar Corporation. Additional risks and uncertainties arising from our operations generally and our recently completed acquisitions include intense competition in our industry; our dependence on a limited number of customers for a substantial portion of our revenues; uncertainties concerning how end user markets for our products will develop; potential uncertainties arising from continued consolidation among cable television and satellite operators in our target markets and continued consolidation among competitors within the semiconductor industry generally; our ability to develop and introduce new and enhanced products on a timely basis and achieve market acceptance of those products, particularly as we seek to expand outside of our historic markets; potential decreases in average selling prices for our products; risks relating to intellectual property protection and the prevalence of intellectual property litigation in our industry; indemnification obligations of Exar arising from a recent divestiture; the impact on our financial condition of acquisition indebtedness arising from the Exar transaction; our reliance on a limited number of third party manufacturers; and our lack of long-term supply contracts and dependence on limited sources of supply. In addition to these risks and uncertainties, investors should review the risks and uncertainties contained in our filings with the Securities and Exchange Commission (SEC), including the information under the caption "Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2017. 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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