

Spectra7 to Participate in Ethernet Alliance Higher Speed Networking Plugfest

Active Copper Cable Interop Verification with Major Data Center OEMs

DURHAM, N.H.--(BUSINESS WIRE)--December 3, 2018--Spectra7 Microsystems Inc. (TSX:SEV) ("Spectra7" or the "Company"), a leading provider of high-performance analog semiconductor products for broadband connectivity markets, announced that it is participating this week in the Ethernet Alliance *Higher Speed Networking Plugfest* for port data rates ranging from 25 Gigabits per second (Gb/s) to 400 Gb/s. The weeklong event—beginning Dec. 3, 2018, at the University of New Hampshire InterOperability Laboratory (UNH-IOL) in Durham, New Hampshire—will allow Ethernet Alliance members, equipment manufacturers, test and measurement professionals, etc. to test and improve interoperability of their solutions.

Ethernet Alliance plugfests are proven for bringing together the always-expanding Ethernet ecosystem to quickly meet the market's growing appetite for robust and dependable connectivity and swiftly deliver upon the promise and benefits of the next generation of Ethernet speeds. The testing matrix for the December plugfest encompasses technologies based on both recently completed and soon-to-be-ratified standards. With the recent completion and/or expected approval of standards such as IEEE 802.3bs™ and IEEE P802.3cd™—which are based on 100 Gb/s PAM4 signaling and designed for data center connectivity meeting demand for greater Ethernet speeds while maintaining the technology's legacy of proven interoperability is increasingly important. Among equipment to be tested during the December event are Ethernet physical layer transceivers (PHYs); network interface controllers (NICs); switches; test and measurement solutions, and an array of optical and copper media at speeds of 25, 50, 100, 200, and 400 Gb/s.

"Cables using our GaugeChanger™ technology offer significant cost, size and energy consumption value to the Ethernet community," said Spectra7 CEO Raouf Halim. "We are participating in the Ethernet Alliance Higher Speed Plugfest to help educate its members and the broader Ethernet community about our unique active copper cable solutions."

GaugeChanger™ is an innovative and disruptive technology that allows copper to extend much longer lengths without the cost and power penalty of optics. It works equally well at 25 Gbps NRZ and 50 Gbps PAM-4 enabling new connector standards of 100, 200 and 400 Gbps.

About the Ethernet Alliance

The Ethernet Alliance is a global consortium that includes system and component vendors, industry experts, and university and government professionals who are committed to the continued success and expansion of Ethernet technology. The Ethernet Alliance takes Ethernet standards to market by supporting activities that span from incubation of new Ethernet technologies to interoperability demonstrations and education.

For more information, please visit www.ethernetalliance.org

About Spectra7 Microsystems Inc.

Spectra7 Microsystems Inc. is a high-performance analog semiconductor company delivering unprecedented bandwidth, speed and resolution to enable disruptive industrial design for leading electronics manufacturers in virtual reality, augmented reality, mixed reality, data centers and other connectivity markets. Spectra7 is based in San Jose, California with design centers in Markham, Ontario, Cork, Ireland, and Little Rock, Arkansas. For more information, please visit www.spectra7.com.

Cautionary Notes

Certain statements contained in this press release constitute "forward-looking statements". All statements other than statements of historical fact contained in this press release, including, without limitation, those regarding the Company's future financial position and results of operations, strategy, proposed acquisitions, plans, objectives, goals and targets, and any statements preceded by, followed by or that include the words "believe", "expect", "aim", "intend", "plan", "continue", "will", "may", "would", "anticipate", "estimate", "forecast", "predict", "project", "seek", "should" or similar expressions or the negative thereof, are forward-looking statements. These statements are not historical facts but instead represent only the Company's expectations, estimates and projections regarding future events. These statements are not guarantees of future performance and involve assumptions, risks and uncertainties that are difficult to predict. Therefore, actual results may differ materially from what is expressed, implied or forecasted in such forward-looking statements. Additional factors that could cause actual results, performance or achievements to differ materially include, but are not limited to the risk factors discussed in the Company's annual MD&A for the year ended December 31, 2017. Management provides forward-looking statements because it believes they provide useful information to investors when considering their investment objectives and cautions investors not to place undue reliance on forward-looking information. Consequently, all of the forward-looking statements made in this press release are qualified by these cautionary statements and other cautionary statements or factors contained herein, and there can be no assurance that the actual results or developments will be realized or, even if substantially realized, that they will have the expected consequences to, or effects on, the Company. These forward-looking statements are made as of the date of this press release and the Company assumes no obligation to update or revise them to reflect subsequent information, events or circumstances or otherwise, except as required by law.

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