

nreal Chooses Spectra7 for nreal light Mixed-Reality Glasses Active Copper Cable Interconnect

Spectra7's DisplayPort and USB Linear Equalizers provide thinnest and lowest power USB Type-C™ active copper cable interconnect solution

LAS VEGAS--(BUSINESS WIRE)--January 9, 2019--Spectra7 Microsystems Inc. (TSX:SEV) ("Spectra7" or the "Company"), a leading provider of high-performance analog semiconductor products for broadband connectivity markets, and nreal, a developer of ready-to-wear mixed reality (MR) glasses, today announced Spectra7 is the solution of choice for the active copper cable technology used in the nreal light mixed-reality headset, which is being demoed at the Consumer Electronics Showcase (CES) in Las Vegas, NV from January 8th through the 11th, 2019.

The USB Type-C cable used with the light headset features Spectra7's latest AR/VR/MR optimized, high-performance, lowest power analog IC's, including:

- **VR8300 - DisplayPort HBR3 Embedded Cable Processor** - Delivers DisplayPort bandwidth of up to 32.4Gbps at 5K resolution for 15 million pixel cinema-grade video.
- **VR8050 - USB 3.2 Gen 1 Embedded Cable Processor** - Delivers up to 5Gbps of sensor/camera data for positional tracking, and gesture recognition.

"We chose Spectra7's solution because they are the leader in active copper cabling technology. The VR8050 and VR8300's low power consumption are unmatched, making them ideal for mobile applications such as that offered by our latest light headset," said Chi Xu, CEO of Beijing-based nreal.

"nreal light is a disruptive product for the mixed-reality mobile headset market with its light-weight (at 85g) and high performance utilizing the Qualcomm Snapdragon 845 chipset. We are extremely pleased to be able to work with an innovative company such as nreal providing the thinnest interconnect to allow hours of wear of the light headset," said Spectra7 CEO Raouf Halim.

nreal is showcasing nreal light, the world's first ready-to-wear mixed reality glasses with Spectra7's active copper cable technology at the nreal booth at LVCC South Hall 1, Booth #21351.

ABOUT nreal

Founded in January 2017, by Chi Xu and Bing Xiao, nreal is a developer of ready-to-wear mixed reality glasses. Its flagship product, nreal light, is the first lightweight and comfortable mixed reality glasses, sporting an industry-leading vivid display combined with SLAM-based environmental understanding AI algorithms for an immersive experience. nreal has raised \$15 million in Series A funding from investors including Shunwei Capital, China Growth Capital (CGC), APlus, Siasun and iQIYI.

To learn more about nreal visit nreal.ai.

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 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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