



SPECTRA7 ENABLES ULTRA-THIN INTERCONNECTS FOR NEXT GENERATION FLAT PANEL TVS

New Chip Reduces Emerging HDMI 2.0 Interconnects' Thickness by up to 75%

November 20, 2014 – Palo Alto, CA and Toronto, ON – (TSX-V:SEV) Spectra7 Microsystems Inc. (“Spectra7” or the “Company”), today announced the HT8181, the industry’s first cable embedded chip capable of reducing weight, gauge and diameter while carrying the ultra-high speed video and deep color payload called for in the latest HDMI 2.0 Specification for Ultra HD 4K Displays used in Home Theater and Commercial installations.

Spectra7 believes the HT8181 will drive accelerated commercial availability of the market’s first Ultra-slim HDMI 2.0 Home Entertainment systems. The chip enables higher speed interconnects capable of reaching up to 25 feet while reducing cross sectional area by up to 75% over traditional passive cables. These new 18Gbps products expand on Spectra7’s HomeTheater™ brand products already used in several of the most popular cable brands sold worldwide.

According to leading market research analyst Display Search, more than 500 million 4K Displays are expected to ship in 2017 designed into mobile phones, televisions and monitors. In order to expand the application for this new pristine picture quality and faster motion frame rates featured in these next generation high resolution displays, super-thin and ultra-long high-bandwidth interconnects are required. Spectra7’s new HT8181 chip delivers this critical functionality as the chip features the Company’s patented high-speed, active signal processing and power delivery technology, enabling ultra-thin cables and ultra-compact connectors capable of delivering up to 18Gbps and 4K60 video resolutions – key performance attributes of HDMI 2.0 - with no external power required.

“By embedding our high speed signal processing devices inside the cable, we have enabled consumer electronics OEMs and after market accessory brands to be first to market with faster and higher resolution interconnects,” said Tony Stelliga, CEO of Spectra7. “Our approach facilitates up to an 80% increase in speed resulting in a dramatic viewing experience for home theater installations without requiring bulkier, higher cost and inflexible interconnects.”

Spectra7 expects that samples of the HT8181 will be available to Early Access Partners in the first quarter of 2015. Spectra7's Early Access Partners benefit from comprehensive design support through the Company's Worldwide HDMI Design Centers of Excellence which feature advanced, state-of-the-art testing and compliance equipment and proven high speed, active cable signal processing and power delivery engineering expertise.

ABOUT SPECTRA7 MICROSYSTEMS INC.

Spectra7 Microsystems Inc. is a high performance consumer connectivity company delivering unprecedented bandwidth, speed and resolution to enable disruptive industrial design for leading consumer electronics manufacturers in Virtual Reality, Wearable Computing and Ultra-HD 4K/8K Displays. Spectra7 is based in Palo Alto, California and Markham, Ontario with a Design Center in Cork, Ireland. For more information, please visit www.spectra7.com.

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Certain statements contained in this press release constitute "forward-looking statements" within the meaning of applicable securities laws. 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 and assumptions 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. Additional factors that could cause actual results, performance and 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, 2013. Actual results may differ materially from what is expressed, implied or forecasted in such forward-looking statements. 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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