



September 26, 2016

EMCORE Expanding Production of Breakthrough Linear Externally Modulated Laser (L-EML™)-Based Transmitters

L-EML™-Based Transmitters Achieve Qualification and are Shipping to Major Cable MSOs

ALHAMBRA, Calif., Sept. 26, 2016 (GLOBE NEWSWIRE) -- EMCORE Corporation (NASDAQ:EMKR), a leading provider of Indium Phosphide (InP) optical chips, components, subsystems and systems for the broadband and specialty fiber optics market, announced today that it is expanding production of DOCSIS 3.1, 1550 nm CATV transmitters utilizing Linear Externally Modulated Laser (L-EML™) technology. L-EML™-based transmitters have achieved qualification with major cable MSOs and are in volume production. The new EMCORE MEDALLION 8100 L-EML™-based 1RU transmitter will be on display at the 2016 Cable-Tec Expo, September 27-29, booth #311 at the Pennsylvania Convention Center, Philadelphia, PA.

L-EML™ technology expands on EMCORE's leadership in *Mixed-Signal Optics* products. It was invented, developed and is manufactured exclusively at EMCORE and features a breakthrough optical device innovation at its core. The L-EML™ device consists of a high-power, low-noise, narrow linewidth laser combined with a proprietary highly-linearized modulator in a monolithic assembly. It enables long distance optical link performance approaching traditional lithium niobate-based externally-modulated transmitters, but is more cost-effective for its targeted applications and far exceeds the performance of Distributed Feedback (DFB) laser-based systems.

"L-EML-based CATV transmitters usher in a new era of transmission technology for the industry and we are extremely pleased at the enthusiastic reception and successful qualification at major MSOs," said Grant Olecko, Senior Product Line Director at EMCORE. "With the rapid growth of next generation DOCSIS 3.1 deployments, EMCORE developed a cost-effective solution that overcomes the technical limitations of linear DFBs, while pushing the boundaries of performance towards traditional, but higher cost, lithium niobate-based solutions," added Olecko.

"The L-EML innovation is a truly disruptive technology in the industry which we unveiled at ANGACOM earlier this year, and we continue to ramp production to meet demand following additional successful trials," commented Gyo Shinozaki, Vice President of Marketing for EMCORE. "We are excited to showcase L-EML for the first time publicly in the U.S. at the 2016 Cable-Tec Expo."

At the Cable-Tec Expo, EMCORE will also showcase its full system level portfolio for CATV including the new MEDALLION 6100 series transmitters, the MEDALLION 7110 series of low-noise, high power EDFAs and the MEDALLION 2100 optical A/B switch. In addition, EMCORE will feature its full line of DOCSIS 3.1 lasers, DFB CATV butterfly and TO-56 lasers, low-noise optical receivers, broadband photodiodes, and components for wireless and Distributed Antenna System (DAS) applications.

About EMCORE

EMCORE Corporation designs and manufactures Indium Phosphide (InP) optical chips, components, subsystems and systems for the broadband and specialty fiber optics market. EMCORE was the pioneer in linear fiber optic transmission technology, and today is a leader in optical components, as well as a provider of complete end-to-end solutions for high-speed communications network infrastructures, enabling systems and service providers to meet growing demand for bandwidth and connectivity. EMCORE's advanced optical technologies are designed for cable television (CATV) and fiber-to-the-premise (FTTP) networks, telecommunications and data centers, satellite communications, aerospace and defense, wireless networks, and broadcast and professional audio/video systems. With its world-class InP semiconductor wafer fabrication facility, EMCORE has fully vertically-integrated manufacturing capability and also provides contract design, foundry and component packaging services. EMCORE is headquartered in Alhambra, California, USA with InP wafer fabrication operations in Alhambra, and ISO 9001 certified manufacturing in Alhambra and Langfang, China. For further information, please visit <http://www.emcore.com>.

Forward-looking statements:

The information provided herein may include forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, as amended. Such statements include statements regarding EMCORE's plans, strategies, business prospects, growth opportunities, changes and trends in our business and expansion into new markets. These forward-looking statements are based on management's current expectations, estimates, forecasts and projections about EMCORE and are subject to risks and uncertainties that could cause actual results and events to differ materially from those stated in the forward-looking statements, including without limitation, the following: (a) the rapidly evolving markets for EMCORE's products and uncertainty regarding the development of these markets; (b) EMCORE's historical dependence on sales to a limited number of customers and fluctuations in the mix of products and customers in any period; (c) delays and other difficulties in commercializing new products; (d) the failure of new products: (i) to perform as expected without material defects, (ii) to be manufactured at acceptable volumes, yields, and cost, (iii) to be qualified and accepted by our customers, and (iv) to successfully compete with products offered by our competitors; (e) uncertainties concerning the availability and cost of commodity materials and specialized product components that we do not make internally; (f) actions by competitors; and (g) other risks and uncertainties discussed under Item 1A - Risk Factors in our Annual Report on Form 10-K for the fiscal year ended September 30, 2015, as updated by our subsequent periodic reports. Forward-looking statements contained in this press release are made only as of the date hereof, and EMCORE undertakes no obligation to update or revise the forward-looking statements, whether as a result of new information, future events or otherwise.

Contact:

EMCORE Corporation

Gyo Shinozaki
Vice President of Marketing
(626) 293-3616
gyo_shinozaki@emcore.com

Media
Joel Counter
Manager, Corporate Marketing Communications
(626) 999-7017
media@emcore.com

Investor

Erica Mannion
Sapphire Investor Relations, LLC
(617) 542-6180
investor@emcore.com