



Partners from RF to Light

September 6, 2017

MACOM Affirms PON Leadership With the Industry's Broadest Portfolio of High-Performance 10G Products Enabling Mainstream Deployment of 10G PON

- | *New 10G PON portfolio provides cost structure, capacity and supply chain flexibility for OLT and ONU applications*
- | *Comprehensive chip-set includes high-performance EOMLs, APDs, TIAs, Laser Drivers, and CDRs*
- | *Proven technology platforms and manufacturing scalability position MACOM for continued PON market leadership*
- | *Components are sampling to customers today; Product showcases scheduled for CIOE and ECOC 2017*

LOWELL, Mass.--(BUSINESS WIRE)-- [MACOM Technology Solutions Inc.](http://www.businesswire.com/news/home/20170906005188/en/) ("MACOM") today announced the industry's first and only complete solution portfolio for 10G passive optical network (PON) applications, enabling optical line terminal (OLT) and optical network unit (ONU) infrastructure. Building on MACOM's established industry leadership in PON and proven industrial-scale manufacturing capabilities, MACOM's new 10G PON portfolio enables seamless component integration and unrivaled cost efficiencies to help accelerate 10G PON infrastructure build-outs.

This Smart News Release features multimedia. View the full release here:

<http://www.businesswire.com/news/home/20170906005188/en/>



"The shift to 10G GPON is underway with initial deployments in all major regions worldwide. The current 2.5G GPON infrastructure cannot meet continuing bandwidth growth from both residential and nonresidential subscribers and applications," said Julie Kunstler, Principal Analyst, Ovum. "In the ultra-cost sensitive, highly-competitive fiber access market, MACOM's technology and product developments to minimize both integration complexities and costs while reducing deployments times will be well received."

MACOM's solution portfolio combines the inherent performance and supply scalability advantages of electro-optic modulated lasers (EOMLs), complemented by a comprehensive range of pre-qualified, interoperable APDs, TIAs, laser drivers, and CDRs. Leveraging MACOM's L-PICTM technology platform and patented Etched Facet Technology for high-volume, low-cost laser manufacturing, MACOM's 10G PON solution portfolio is poised to replicate the breakthrough cost structure reductions that MACOM previously achieved in 2.5G PON. (Photo: Business Wire).

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MACOM is distinguished as the industry's only supplier to provide the entire range of 10G PON components, while delivering superior EOML technology that overcomes the performance, yield and cost limitations of electro-absorptive modulated lasers (EMLs). MACOM's deep application expertise and end-to-end chip-set enables customers to go to market with tightly-integrated 10G PON systems at aggressive timescales, significantly shortening the design and development cycles required to independently validate component interoperability. Only MACOM can provide the cost structure, capacity and supply chain flexibility for high-volume, client-side applications.

"MACOM's leading market share in the PON domain - where we've shipped over 135 million lasers to date- is a testament to customers' trust in our proven technology platforms and volume-scale manufacturing efficiency," said Vivek Rajgarhia, Senior Vice President and General Manager, Lightwave, MACOM. "With the introduction of our 10G PON solution portfolio, we've again affirmed our commitment to helping customers overcome the challenges of deploying advanced optical technologies at massive scale and lowered cost structures."

MACOM will showcase its 10G PON solution portfolio at CIOE (September 6 - 9, Shenzhen, China, MACOM booth #1A32) and ECOC (September 17 - 21, Gothenburg, Sweden, MACOM booth #117). Components are sampling to customers today, with full production planned for 1H 2018. For more information on MACOM's technology leadership in PON, visit <https://www.macom.com/applications/optical-networking/fttx-2>.

ABOUT MACOM:

MACOM is a new breed of analog semiconductor company — one that delivers a unique combination of high growth, diversification and high profitability. We are enabling a better-connected and safer world by delivering breakthrough semiconductor technologies for optical, wireless and satellite networks that satisfy society's insatiable demand for information.

Today, MACOM powers the infrastructure that millions of lives and livelihoods depend on every minute to communicate, transact business, travel, stay informed and be entertained. Our technology increases the speed and coverage of the mobile Internet and enables fiber optic networks to carry previously unimaginable volumes of traffic to businesses, homes and data centers.

Keeping us all safe, MACOM technology enables next-generation radars for air traffic control and weather forecasting, as well as mission success on the modern networked battlefield.

MACOM is the partner of choice to the world's leading communications infrastructure and aerospace and defense companies, helping solve their most complex challenges in areas including network capacity, signal coverage, energy efficiency, and field reliability, through its best-in-class team and broad portfolio of RF, microwave, millimeterwave and lightwave semiconductor products.

MACOM is a pillar of the semiconductor industry, thriving for more than 60 years of daring to change the world for the better through bold technological strokes that deliver true competitive advantage to customers and superior value to investors.

Headquartered in Lowell, Massachusetts, MACOM is certified to the ISO9001 international quality standard and ISO14001 environmental management standard. MACOM has design centers and sales offices throughout North America, Europe, Asia and Australia.

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Special Note Regarding Forward-Looking Statements

This press release contains forward-looking statements including, among others, information concerning our and others' expectations for our MACOM's 10G PON solution portfolio, our market share and market position, market growth, and cost structure reduction. Forward-looking statements include all statements that are not historical facts and generally may be identified by terms such as "anticipates," "believes," "could," "estimates," "expects," "intends," "may," "plans," "potential," "predicts," "projects," "seeks," "should," "will," "would" or similar expressions and the negatives of those terms. These forward-looking statements are subject to risks, uncertainties, assumptions and changes in circumstances that may cause those events or our actual activities or results to differ materially from those expressed in any forward-looking statement. Readers are cautioned not to place undue reliance on these forward-looking statements. A number of important factors could cause actual results to differ materially from those indicated by the forward-looking statements, including those factors described in "Risk Factors" in MACOM's filings with the Securities and Exchange Commission ("SEC"), including its Quarterly Report on Form 10-Q for the fiscal quarter ended June 30, 2017, as filed with the SEC on August 2, 2017, its Quarterly Report on Form 10-Q for the fiscal quarter ended December 30, 2016, as filed with the SEC on February 1, 2017, its Quarterly Report on Form 10-Q for the fiscal quarter ended March 31, 2017, as filed with the SEC on April 26, 2017, and its Annual Report on Form 10-K for the fiscal year ended September 30, 2016, as filed on November 17, 2016. MACOM

undertakes no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events or otherwise.

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