

## ***Delivering Next-Generation Analog Connectivity Solutions***

Modern networks demand faster, cost-effective data delivery, requiring vendors to accelerate development cycles and provide cost-efficient solutions. MACOM meets these needs with comprehensive chipset solutions and components for data centers and telco networks.

### ***Featured Products in OIF Booth:***

#### **MALD-40225 Dual 227 Gbps EML Driver with Equalizer**

- Differential input and single-ended output
- Linear output voltage up to 1.5 Vppse
- Programmable Linear voltage gain & high frequency Equalization

#### **MALD-39077 Quad GBaud PAM4/NRZ EML/TFLN Driver**

- Differential input and output
- Linear output voltage up to 3 Vpdd
- Linear voltage gain and Equalization
- Integrated optional AGC functionality

#### **MATA-39134 Quad 53 GBaud PAM4 TIA with AGC**

- Optimized for Direct Drive, Linear Module Applications
- 500 µm anode-to-anode spacing
- Low Noise

#### **226 Gbps per Lane Active Copper Cable Equalizers**

- Supports active copper cable applications up to 1.6 Tbps
- Extends typical copper cable's performance to 2.5 meters at 226 Gbps data rates
- Provides an alternative to DAC and AEC cables in high data rate applications

Visit [www.macom.com](http://www.macom.com) for more information on these products and other connectivity solutions.

